

Regional Waste Management Capacity: Survey, Methodology and Monitoring

Final Report

March 2007



# Regional Waste Management Capacity: Survey, Methodology and Monitoring

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# 1 INTRODUCTION

#### 1.1 BACKGROUND TO STUDY

The South East of England Regional Assembly (SEERA) commissioned ERM early in 2006 to produce an assessment of the capacity of existing and planned waste management infrastructure in the South East England Region. The study was designed to follow on from previous consultancy work that had been carried out for SEERA by ERM and another consultancy. Previously, estimates of capacity and arisings had been made in these studies. The capacity element, in particular, was identified as requiring further investigation to enable SEERA and its constituent waste planning authorities (WPA) to base future plans on more reliable and robust data.

# 1.2 OBJECTIVE

The objective of this study was to deliver predictions of existing and planned capacity at regional and WPA levels, and, through comparison with estimates of waste arising, intraregional movements, and the apportionment of imports, to demonstrate the additional capacity required by WPA and by treatment type.

The method was required to be able to be revised readily as new capacity or arisings data are made available in the future. For the capacity data, the aim was to include details of the site location, capacity and throughput, and differing planning status. The capacity data has been aggregated so as to maintain confidentiality for individual waste companies. Waste arisings data for the SE Region were sourced from a previous ERM study for SEERA in 2005, titled *Update of the Model for Future Waste Management Capacity Needs in the South East*.

This report highlights the gaps in capacity both by capacity type and spatially across the Region.

#### 1.3 REPORT STRUCTURE

The remainder of this report contains the following *Sections*:

Section 2 Waste Management Capacity;

Section 3 Waste Arisings;

Section 4 Model Structure;

Section 5 Capacity Gap;

Section 6 Monitoring of Capacity; and

Section 7 Summary and Conclusions.

# 2 WASTE MANAGEMENT CAPACITY

### 2.1 WASTE MANAGEMENT CAPACITY DATABASE

ERM has developed a bespoke MS Excel model for SEERA that brings together the data for each waste management facility across the SE Region. We have drawn together data that was provided directly by each WPA and data provided by the Environment Agency (EA) in order to estimate the waste management capacity of the Region as a whole and of its constituent WPAs.

ERM asked each WPA to classify sites in their sub-region into pre-determined categories, as follows:

- Landfill
  - Non-hazardous landfill;
  - Inert landfill;
  - Hazardous landfill;
- Recycling and composting
  - Municipal solid waste (MSW) and commercial and industrial (C&I) recycling;
  - Construction and demolition (C&D) recycling;
  - MSW and C&I transfer;
  - MSW and C&I composting;
- Recovery
  - MSW and C&I incineration;
  - MSW and C&I treatment;
- Others
  - Metal/end of life vehicle (ELV) facility;
  - Ignored; and
  - Closed sites.

Where classifications were not initially clarified by the WPA, ERM allocated the site a classification that we deemed appropriate, and all classifications were rechecked and agreed with the WPAs.

The categories above were broadly based on groupings of the EA's Operator Performance Risk Appraisal (OPRA) system of codes for waste sites. However, these codes did not cover all facilities needed within the model (ie C&D recovery and C&D recycling). *Table 2.1* shows the correlation between the OPRA codes and the categories used in the model.

Table 2.1 Waste Categories Used in the Model

OPRA Code	Name in Model
A1 - Co-Disposal Landfill Site	Non-hazardous landfill, inert landfill or hazardous landfill
A2 - Other Landfill Site taking Special Waste	Hazardous landfill
A4 – Household, Commercial & Industrial Waste Landfill	Non-hazardous landfill
A5 - Landfill taking Non-Biodegradable Wastes	Inert landfill
A6 - Landfill taking other wastes	Inert landfill
A7 - Industrial Waste Landfill (Factory curtilage)	Ignored
A8 – Lagoon	Ignored
A9 - Special Waste Transfer Station	MSW and C&I transfer
A10 - In-House Storage Facility	Ignored
A11 - Household, Commercial & Industrial Waste Transfer Station	MSW and C&I transfer or MSW and C&I treatment
A12 - Clinical Waste Transfer Station	MSW and C&I transfer or MSW and C&I treatment
A13 - Household Waste Amenity Site	MSW and C&I transfer or MSW and C&I treatment
A14 - Transfer Station taking Non-Biodegradable Wastes	MSW and C&I transfer or MSW and C&I treatment
A15 - Material Recycling Treatment Facility	MSW and C&I recycling or MSW and C&I transfer
A16 - Physical Treatment Facility	MSW and C&I recycling or MSW and C&I transfer
A17 - Physico-Chemical Treatment Facility	MSW and C&I recycling or MSW and C&I transfer
A18 – Incinerator	MSW and C&I incineration
A19 - Metal Recycling Site (vehicle dismantler)	Metal/ELV facility
A19a - Metal Recycling Site (End of Life Vehicle)	Metal/ELV facility
A20 - Metal Recycling Site (mixed MRSs)	Metal/ELV facility
A21 - Chemical Treatment Facility	MSW and C&I treatment or MSW and C&I transfer
A22 - Composting Facility	MSW and C&I composting
A23 – Biological Treatment Facility	MSW and C&I treatment or MSW and C&I transfer
A24 - Mobile Plant	Ignored
Uncoded	C&D recycling
Uncoded	C&D recovery

Note: Where OPRA codes can be assigned to more than one capacity name used within in the model, the WPA made the individual site selection.

### 2.2 WPA QUESTIONNAIRE

ERM surveyed each WPA in the SE Region in order to acquire data on waste the management facilities within their borders. Over an extended period, responses were received from all WPAs. These data were collated along with site-specific data provided by the EA <sup>(1)</sup> in order to determine a baseline level of capacity for each WPA.

*Annex A* shows the completed questionnaires for each WPA.

The results have been aggregated by treatment type to preserve the anonymity of individual sites and operators. Where capacity data were not made available by the WPA, data from the EA was used to estimate the baseline capacity. In cases where data were not available from either of these sources, an extrapolation, based on the size of similar sites in that area, was made to estimate the baseline capacity. *Table 2.2* shows the number of sites in the SE Region by treatment type and indicates where gaps in the data exist.

Table 2.2 Provision of Data by Treatment Type for the SE Region

Treatment type	Number Sites	Number of	Number of	Proportion of
	in SE Region	sites where	sites where	sites where
		capacity data	capacity data	data was
		was not available	was provided	available (%)
Landfill		available		
Non-hazardous landfill	50	21	29	58%
Inert landfill	89	40	49	55%
Hazardous landfill	6	2	4	67%
Recycling and composting				
MSW and C&I recycling	56	9	47	84%
C&D recycling	9	1	8	89%
MSW and C&I transfer	350	32	318	91%
MSW and C&I composting	41	7	34	83%
Hazardous waste recycling	No data	No data	No data	No data
Recovery				
MSW and C&I incineration	16	2	14	88%
MSW and C&I treatment	74	10	64	86%
C&D recovery	No data	No data	No data	No data
Hazardous waste recovery	No data	No data	No data	No data
Others				
Metal/ELV facility	209	41	168	80%
Ignored	67	25	42	63%
Closed sites	42	30	12	29%

Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

<sup>(1)</sup> Data was taken from a site list provided by the EA in 2006. The site list included the most up to date site data, including capacity information, held by the EA.

As can be seen from *Table 2.2*, some treatment types have less available data than others and therefore the extrapolations made to estimate total capacity for these types are relatively more uncertain.

The extrapolation was conducted in a linear manner according to the number of sites (eg in the case of 'MSW and C&I recycling', 9 sites did not have a capacity figure, and we assumed for these sites an average capacity of the other known sites within that WPA).

All non-landfill facilities had an extrapolation carried out in order to estimate total baseline capacity. We did not extrapolate capacity data for inert landfill, hazardous landfill and non-hazardous landfill, where just over half of the sites had data available, due to the varying nature and size of landfill facilities. For landfill sites, we assumed that data made available represents the total capacity. Therefore the landfill estimates are likely to be an underestimate of total capacity and the results presented are a worst case estimate.

*Table 2.3* shows the total capacity based on the data made available to ERM through the survey and the total baseline capacity for the SE Region based on our extrapolations.

Table 2.3 The SE Region Baseline Capacity by Treatment Type (million tonnes)

Treatment type	Total capacity of sites where	Total baseline capacity using
	capacity data was provided	extrapolation by ERM
Landfill		
Non-hazardous landfill	67.791	67.791
Inert landfill	74.608	74.608
Hazardous landfill	3.309	3.309
Recycling and composting		
MSW and C&I recycling	5.427	7.601
C&D recycling	0.387	0.409
MSW and C&I transfer	12.744	13.946
MSW and C&I composting	0.624	0.711
Hazardous waste recycling	No data	No data
Recovery		
MSW and C&I incineration	0.990	0.992
MSW and C&I treatment	2.544	3.242
C&D recovery	No data	No data
Hazardous waste recovery	No data	No data
Others		
Metal/ELV facility	3.385	4.117
Ignored	6.005	8.142
Closed sites	0.454	1.807

*Table 2.4* shows the amount of data made available for the survey by each WPA and the SE Region as a whole. In total, there were data available for 82% of all sites in the Region. Whilst it would be ideal to obtain data for all sites, thus alleviating the need to extrapolate, ERM believes that this is a fairly robust and satisfactory set of data upon which to forecast capacity needs.

Table 2.4 Provision of Data by Sub-region

	Proportion of sites where
	data was available (%)
Berkshire	77%
Buckinghamshire	82%
East Sussex	82%
Hampshire	83%
Isle of Wight	53%
Kent	93%
Medway	67%
Milton Keynes	87%
Oxfordshire	89%
Surrey	73%
West Sussex	80%
SE Region	82%

In order to manage uncertainty associated with data in the model relating to capacity, we have developed three scenarios for calculation of the results, as shown in *Table 2.5* and described below.

 Table 2.5
 Scenarios Used to Generate Results

	Includes all current operational sites	Includes all current sites in planning (1)	Includes data extrapolation
Scenario 1	✓		✓
Scenario 2	✓	×	✓
Scenario 3	✓	✓	*

- Scenario 1 Baseline: This scenario includes all sites irrespective of their operational and planning status. Where data gaps exist, extrapolation has been used to estimate total capacity. This scenario estimates a maximum total capacity available in the SE Region.
- Scenario 2 Operational Sites Only: This scenario includes all operational sites but excludes those not yet online, eg those at planning status.Where data gaps exist, extrapolation has been used to estimate total capacity.
- Scenario 3 No extrapolation: This scenario includes all sites irrespective of their operational and planning status. Where data gaps exist, there was no extrapolation carried out. This scenario estimates a minimum total capacity available in the SE Region.

The total capacity figures for the three scenarios are shown in *Table 2.6, Table 2.7* and *Table 2.8*.

 $<sup>(1)</sup> This \ refers \ to \ all \ sites \ that \ have \ planning \ permission \ or \ are \ applying \ for \ permissions$ 

Scenario 1 – Baseline: Waste Treatment Capacity by Sub-region (million tonnes) Table 2.6

		Buckingha			Isle of			Milton			West
	Berkshire	mshire	mshire East Sussex	Hampshire	Wight	Kent	Medway	Keynes	Oxfordshire	Surrey	Sussex
Landfill											
Non-hazardous landfill	0.055	10.500	0.825	3.084	0.950	7.275	0.475	22.000	11.675	8.515	2.437
Inert landfill	0.181	26.051	0.000	2.143	0.000	29.297	0.000	1.128	4.276	11.532	0.000
Hazardous landfill	0.000	0.000	0.000	0.000	0.000	3.309	0.000	0.000	0.000	0.000	0.000
Recycling and composting											
MSW and C&I recycling	0.601	0.263	0.000	4.245	0.399	0.399	0.000	0.186	0.713	1.194	0.000
C&D recycling	0.064	0.000	0.000	0.072	0.000	0.165	0.000	0.000	0.107	0.000	0.000
MSW and C&I transfer	1.021	0.404	1.644	2.679	0.088	2.860	1.730	0.169	0.259	2.116	0.976
MSW and C&I composting	0.035	0.071	0.030	0.210	0.052	0.206	0.000	0.025	0.050	0.000	0.033
Hazardous waste recycling	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Recovery											
MSW and C&I incineration	0	0	0.000	0.481	0.000	0.503	0.000	0.000	0.000	0.007	0.000
MSW and C&I treatment	0.360	0.186	0.306	1.287	0.120	0.276	0.005	0.075	0.150	0.134	0.341
C&D recovery	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Hazardous waste recovery	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Others											
Metal/ELV facility	0.182	0.050	0.500	1.040	0.147	0.973	0.414	0.055	0.227	0.024	0.505
Ignored	1.525	0.137	0.086	1.520	0.000	1.854	0.000	0.000	0.000	2.571	0.450
Closed sites	0.640	0.000	0.000	1.164	0.000	0.003	0.000	0.000	0.000	0.000	0.000

Table 2.7 Scenario 2 – Operational Sites Only: Waste Treatment Capacity by Sub-region (million tonnes)

		Buckingha			Isle of			Milton			West
	Berkshire	_	East Sussex	Hampshire	Wight	Kent	Medway	Keynes	Oxfordshire	Surrey	Sussex
Landfill					-			-			
Non-hazardous landfill	0.055	10.500	0.825	0.538	0.950	7.275	0.075	22.000	11.675	8.515	2.437
Inert landfill	0.091	25.700	0.000	2.143	0.000	27.337	0.000	0.312	4.276	11.526	0.000
Hazardous landfill	0.000	0.000	0.000	0.000	0.000	3.309	0.000	0.000	0.000	0.000	0.000
Recycling and composting											
MSW and C&I recycling	0.601	0.221	0.000	4.068	0.000	0.334	0.000	0.186	0.713	1.017	0.000
C&D recycling	0.064	0.000	0.000	0.072	0.000	0.065	0.000	0.000	0.107	0.000	0.000
MSW and C&I transfer	1.019	0.379	1.646	2.423	0.088	1.764	0.878	0.169	0.259	2.007	0.903
MSW and C&I composting	0.035	0.053	0.030	0.140	0.052	0.084	0.000	0.000	0.050	0.000	0.033
Hazardous waste recycling	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Recovery											
MSW and C&I incineration	0.000	0.000	0.000	0.481	0.000	0.003	0.000	0.000	0.000	0.006	0.000
MSW and C&I treatment	0.220	0.186	0.306	1.061	0.080	0.227	0.005	0.075	0.150	0.134	0.141
C&D recovery	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Hazardous waste recovery	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Others											
Metal/ELV facility	0.088	0.050	0.500	0.840	0.102	0.962	0.414	0.055	0.227	0.024	0.459
Ignored	1.525	0.137	0.032	1.330	0.000	1.779	0.000	0.000	0.000	2.571	0.300
Closed sites	0.640	0.000	0.000	0.873	0.000	0.005	0.000	0.000	0.000	0.000	0.000

Table 2.8 Scenario 3 – No Extrapolation: Waste Treatment Capacity by Sub-region (million tonnes)

		Buckingha			Isle of			Milton			West
	Berkshire	_	East Sussex	Hampshire	Wight	Kent	Medway	Keynes	Oxfordshire	Surrey	Sussex
Landfill											
Non-hazardous landfill	0.055	10.500	0.825	3.084	0.950	7.275	0.475	22.000	11.675	8.515	2.437
Inert landfill	0.181	26.051	0.000	2.143	0.000	29.297	0.000	1.128	4.276	11.532	0.000
Hazardous landfill	0.000	0.000	0.000	0.000	0.000	3.309	0.000	0.000	0.000	0.000	0.000
Recycling and composting											
MSW and C&I recycling	0.601	0.167	0.000	2.516	0.000	0.399	0.000	0.093	0.713	0.938	0.000
C&D recycling	0.043	0.000	0.000	0.072	0.000	0.165	0.000	0.000	0.107	0.000	0.000
MSW and C&I transfer	0.918	0.387	1.404	2.260	0.088	2.860	1.457	0.148	0.226	2.054	0.942
MSW and C&I composting	0.035	0.053	0.030	0.140	0.052	0.206	0.000	0.025	0.050	0.000	0.033
Hazardous waste recycling	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Recovery											
MSW and C&I incineration	0.000	0.000	0.000	0.481	0.000	0.503	0.000	0.000	0.000	0.006	0.000
MSW and C&I treatment	0.300	0.093	0.255	0.908	0.080	0.276	0.005	0.075	0.075	0.134	0.341
C&D recovery	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Hazardous waste recovery	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data	No data
Others											
Metal/ELV facility	0.182	0.042	0.432	0.796	0.110	0.973	0.166	0.055	0.198	0.017	0.413
Ignored	1.525	0.102	0.021	0.950	0.000	1.854	0.000	0.000	0.000	1.402	0.150
Closed sites	0.160	0.000	0.000	0.291	0.000	0.003	0.000	0.000	0.000	0.000	0.000

#### 2.3 ASSUMPTIONS AND LIMITATIONS

Within the model, there were a number of assumptions that needed to be made. These were based, where possible, on existing data or relevant examples.

# 2.3.1 MSW and C&I Transfer

MSW and C&I transfer as a category includes a range of facilities where bulking of recyclables prior to transporting to reprocessing facilities is likely to occupy a proportion of the available capacity at the site. We have assumed that, on average, 20% of the capacity at such sites is occupied by such activities rather than 'transfer' per se for subsequent disposal. This capacity was added to the MSW and C&I recycling capacity to estimate the total available capacity for such operations. The assumption is uncertain, and due to the potential error associated with it, we have also conducted a worse-case sensitivity analysis which assumed 5% of MSW and C&I transfer capacity is delivering bulking for recycling. The sensitivity is presented in the results.

# 2.3.2 C&D Recovery

The *C&D recovery* capacity was not updated as part of this study due to a lack of available data. The capacity used was based on the previous work conducted by MEL and by ERM, and draws on a figure from the Symonds Group study, titled *Survey of Arisings and Use of Construction and Demolition Waste 2001*, which forecasts C&D recovery capacity for the SE Region. As recovery capacity is only available at a SE Regional level, it was not possible to show a sub-regional breakdown in the results. The study further assumes that total C&D reuse on inert and non-hazardous landfill has already been accounted for by C&D reuse as an engineering material.

# 2.3.3 Hazardous Waste Recycling and Recovery

As part of the survey conducted by ERM, we were unable to identify the level of capacity for recycling and recovering hazardous waste. Consequently, we were not able to generate a comparison of these capacities with the hazardous waste arisings.

# 2.3.4 Residue Rates

*Table 2.9* shows the residue rates for the different waste management routes that were assessed within the model. The model calculates the amount of residue to be managed based on the waste sent to each treatment type, rather than on the level of capacity available.

However, it should be noted that the model does not consider the effect of residue that is sent to landfill in meeting the requirements of LATS. The reason for this is that the data available to ERM on the composition of each waste stream is not detailed enough to determine the biodegradable mass. We

recommend that further sensitivity analysis is conducted in this area to indicate the significance of biodegradable residue on the SE Region's ability to meet the requirements of LATS.

Table 2.9 Residue Rates

Treatment type	Residue rate
Recycling and composting	
MSW and C&I recycling	15%
C&D recycling	10%
MSW and C&I transfer	15%
MSW and C&I composting	15%
Recovery	
MSW and C&I incineration (bottom ash)	30%
MSW and C&I incineration (fly ash)	3%
MSW and C&I to treatment (non-hazardous)	45%
MSW and C&I to treatment (hazardous)	5%
C&D recovery	0%
MSW and C&I to Mechanical Biological Treatment (MBT)	59%
MSW and C&I to Refuse Derived Fuel (RDF)	12%

Source: Adapted from WRATE software, 2006, Environment Agency.

#### 2.3.5 Bulk Densities

The model assumes that the bulk density of non hazardous waste is one tonne per cubic metre; with the same assumption made for hazardous wastes. Inert wastes are assumed to have a bulk density of two tonnes per cubic metre. The results in the model are all shown in tonnes. All capacity data for landfills were provided in cubic metres and were subject to these conversion rates prior to generating results. In the case of inert waste, this means that all landfill capacity figures were doubled to give the figure as a tonnage.

### 3 WASTE ARISINGS

#### 3.1 ARISINGS DATA

ERM used the arisings estimates previously generated in the our study for SEERA in 2005, titled *Update of the Model for Future Waste Management Capacity Needs in the South East*, which forecast regional waste arisings to 2025. These arisings projections are detailed in this *Section*.

We have excluded any intra-regional movements of waste for all waste streams, with the exception of C&D waste. The C&D waste figures represent managed waste (ie they include intra- and inter-regional movements). These data were sourced from the Symonds Group study, titled *Survey of Arisings and Use of Construction and Demolition Waste 2001*, which surveyed C&D waste entering the treatment facility and therefore included any inter- and intra-regional movements. These data were used in ERM's previous model in 2005, and that developed by MEL in 2004.

Inter-regional movements have also been excluded for MSW and C&I waste, except for inter-regional movements from London into the Region. We have apportioned the London imports based on the recommended apportionment percentages in Policy W3 provided in the draft South East Plan <sup>(1)</sup>. The total level of imports of MSW and C&I into the SE Region were taken from Table 2, Section D6, in the South East Plan <sup>(2)</sup>. We have assumed a linear change in imports between target years shown in the South East Plan. It should be noted that the precise level of imports was an area still in discussion at the time of generating the results.

Table 3.1 MSW Imports into the SE Region, 2006-2025 (million tonnes)

	2006	2010	2013	2016	2020	2022	2025
Berkshire	0.055	0.049	0.041	0.034	0.028	0.027	0.025
Buckinghamshire	0.072	0.064	0.053	0.044	0.037	0.035	0.033
East Sussex	0.073	0.065	0.054	0.045	0.037	0.036	0.033
Hampshire	0.053	0.047	0.039	0.033	0.027	0.026	0.024
Isle of Wight	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Kent	0.061	0.055	0.046	0.038	0.031	0.030	0.028
Medway	0.010	0.009	0.007	0.006	0.005	0.005	0.004
Milton Keynes	0.146	0.131	0.109	0.090	0.075	0.071	0.067
Oxfordshire	0.108	0.097	0.081	0.067	0.056	0.053	0.050
Surrey	0.063	0.057	0.047	0.039	0.033	0.031	0.029
West Sussex	0.062	0.056	0.046	0.039	0.032	0.031	0.029
SE Region	0.703	0.631	0.525	0.436	0.360	0.346	0.324

<sup>(1)</sup> South East Plan, Section D6, Policy W3, p.142. www.southeastra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_sep\_d06.pdf (2) South East Plan, Section D6, Table 2, Landfill Requirements, p.156. www.southeastra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_sep\_d06.pdf

 Table 3.2
 C&I Imports into the SE Region, 2006-2025 (million tonnes)

	2006	2010	2013	2016	2020	2022	2025
Berkshire	0.091	0.082	0.068	0.056	0.047	0.044	0.041
Buckinghamshire	0.217	0.194	0.162	0.134	0.111	0.106	0.098
East Sussex	0.072	0.064	0.054	0.044	0.037	0.035	0.032
Hampshire	0.091	0.082	0.068	0.057	0.047	0.045	0.041
Isle of Wight	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Kent	0.131	0.118	0.098	0.081	0.067	0.064	0.059
Medway	0.007	0.006	0.005	0.004	0.004	0.003	0.003
Milton Keynes	0.028	0.025	0.021	0.017	0.014	0.013	0.012
Oxfordshire	0.183	0.165	0.137	0.114	0.094	0.089	0.083
Surrey	0.081	0.072	0.060	0.050	0.041	0.039	0.036
West Sussex	0.111	0.100	0.083	0.069	0.057	0.054	0.050
SE Region	1.011	0.908	0.756	0.627	0.519	0.493	0.456

All imports from London are assumed to be sent direct to landfill. This is in line with Policy W3 of the South East Plan.

The estimated level of growth for MSW, C&I and C&D waste was based upon the SE Regional growth forecast from the updated model by ERM in 2005. In that study, several sub-regions also provided alternative growth rates based on their own sub-regional forecasts. We have not used these alternative rates to generate results.

*Table 3.3, Table 3.5* and *Table 3.6* show the projected quantities of MSW, C&I and C&D to be managed for certain years throughout the forecast period.

Table 3.3 MSW Arisings for SE Region, 2006-2025 (million tonnes) (3 sig. figs)

	2006	2010	2013	2016	2020	2022	2025
Berkshire	0.53	0.57	0.60	0.62	0.65	0.67	0.70
Buckinghamshire	0.38	0.40	0.41	0.42	0.44	0.45	0.46
East Sussex	0.49	0.53	0.54	0.56	0.59	0.60	0.63
Hampshire	1.01	1.11	1.16	1.22	1.29	1.32	1.38
Isle of Wight	0.09	0.10	0.11	0.11	0.12	0.12	0.13
Kent	0.94	1.02	1.07	1.12	1.18	1.21	1.27
Medway	0.15	0.16	0.17	0.18	0.19	0.19	0.20
Milton Keynes	0.28	0.28	0.26	0.25	0.25	0.25	0.25
Oxfordshire	0.45	0.48	0.49	0.49	0.51	0.52	0.54
Surrey	0.72	0.78	0.82	0.85	0.90	0.92	0.96
West Sussex	0.55	0.60	0.62	0.64	0.68	0.69	0.72
SE Region	5.59	6.02	6.25	6.48	6.77	6.95	7.23

Source: Adapted from ERM, 2005. Update of the Model for Future Waste Management Capacity Needs in the South East

Note: Intra-regional movements used in the model by ERM in 2005 are not included in the arisings figures. Inter-regional movements are only accepted from London and these have been updated to reflect Policy W3 of the draft South East Plan.

Table 3.4 SE Regional Growth Rates for MSW, C&I, C&D and Hazardous Waste

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
C&I	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
C&D	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hazardous	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%

Source: ERM, 2005. Update of the Model for Future Waste Management Capacity Needs in the South East

Table 3.5 C&I Arisings in the SE Region, 2006-2025 (million tonnes) (3 sig. figs)

	2006	2010	2013	2016	2020	2022	2025
Berkshire	0.87	0.95	0.99	1.03	1.08	1.09	1.12
Buckinghamshire	1.14	1.21	1.24	1.27	1.32	1.34	1.37
East Sussex	0.49	0.52	0.54	0.56	0.58	0.59	0.60
Hampshire	1.75	1.91	2.01	2.11	2.22	2.26	2.33
Isle of Wight	0.14	0.15	0.16	0.17	0.18	0.18	0.19
Kent	2.00	2.18	2.29	2.40	2.53	2.57	2.64
Medway	0.10	0.11	0.12	0.12	0.13	0.13	0.14
Milton Keynes	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Oxfordshire	0.77	0.81	0.82	0.84	0.86	0.87	0.89
Surrey	0.92	1.00	1.04	1.09	1.14	1.16	1.19
West Sussex	0.99	1.07	1.11	1.15	1.21	1.23	1.26
SE Region	9.22	9.97	10.37	10.78	11.29	11.48	11.78

Source: Adapted from ERM, 2005. Update of the Model for Future Waste Management Capacity Needs in the South East

Table 3.6 C&D Arisings in the SE Region, 2006-2025 (million tonnes) (3 sig. figs)

	2006	2010	2013	2016	2020	2022	2025
Berkshire	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Buckinghamshire	0.71	0.71	0.71	0.71	0.71	0.71	0.71
East Sussex	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Hampshire	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Isle of Wight	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Kent	2.60	2.60	2.60	2.60	2.60	2.60	2.60
Medway	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Milton Keynes	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Oxfordshire	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Surrey	1.88	1.88	1.88	1.88	1.88	1.88	1.88
West Sussex	1.30	1.30	1.30	1.30	1.30	1.30	1.30
SE Region	12.13	12.13	12.13	12.13	12.13	12.13	12.13

Source: Adapted from ERM, 2005. Update of the Model for Future Waste Management Capacity Needs in the South East

Hazardous waste was not included in ERM's previous modelling. We have added data, where possible, relating to hazardous waste as part of this study. Arisings data was obtained from the EA's hazardous waste interrogator <sup>(1)</sup> for the quantity produced in each WPA area. This data represents arisings in 2003. As such, it is for 'Special Waste' before this was reclassified and the Hazardous Waste Regulations were introduced. *Table* 3.7 shows the data from the EA interrogator by sub-region.

*Section 3.1.1* below details the changes in hazardous waste legislation and other issues relevant to this waste stream.

<sup>(1)</sup> www. environment-agency.gov.uk/apps/wastesurvey2/

Table 3.7 Hazardous Waste Arisings in 2003 (million tonnes)

	Total hazardous waste arisings
Berkshire	0.0358
Buckinghamshire	0.0107
East Sussex	0.0218
Hampshire	0.1579
Isle of Wight	0.0026
Kent	0.0987
Medway	0.0142
Milton Keynes	0.0099
Oxfordshire	0.0467
Surrey	0.0212
West Sussex	0.0237
SE Region	0.4436

Note: Numbers have been rounded to four significant figures.

Hazardous waste was assumed to grow at the same rate as C&I waste. The rationale for this assumption is that the majority of hazardous wastes will come from this sector. The increase in the total growth in C&I waste will therefore be mirrored in the growth of hazardous wastes. The prudent approach is to assume that this is the same as it is the worst case scenario compared with assuming a decrease in hazardous waste growth from new legislative changes. The growth rate assumes: a 3.3% increase from 2003 to 2005; a 2.5% increase from 2006 until 2010; a 2% until 2015; a 1.5% until 2020; and a 1% until 2025. The projected quantity of hazardous waste arisings for each sub-region is shown in *Table 3.8*.

Table 3.8 Hazardous Waste Arisings in the SE Region, 2006-2025 (million tonnes)

	2006	2010	2013	2016	2020	2022	2025
Berkshire	0.039	0.043	0.046	0.048	0.051	0.052	0.054
Buckinghamshire	0.012	0.013	0.014	0.014	0.015	0.016	0.016
East Sussex	0.024	0.026	0.028	0.030	0.031	0.032	0.033
Hampshire	0.173	0.191	0.202	0.214	0.227	0.231	0.238
Isle of Wight	0.003	0.003	0.003	0.004	0.004	0.004	0.004
Kent	0.108	0.119	0.126	0.134	0.142	0.145	0.149
Medway	0.016	0.017	0.018	0.019	0.021	0.021	0.022
Milton Keynes	0.011	0.012	0.013	0.013	0.014	0.015	0.015
Oxfordshire	0.051	0.056	0.060	0.063	0.067	0.068	0.071
Surrey	0.023	0.026	0.027	0.029	0.030	0.031	0.032
West Sussex	0.026	0.029	0.030	0.032	0.034	0.035	0.036
SE Region	0.485	0.535	0.568	0.600	0.637	0.650	0.669

### 3.1.1 Hazardous Waste Regulatory Changes

The Hazardous Waste (England and Wales) Regulations 2005 can be viewed at <a href="https://www.opsi.gov.uk/si/si2005/20050894.htm">www.opsi.gov.uk/si/si2005/20050894.htm</a>

The List of Waste (England) Regulations 2005 can be viewed at <a href="https://www.opsi.gov.uk/si/si2005/20050895.htm">www.opsi.gov.uk/si/si2005/20050895.htm</a>

There are a number of issues specific to hazardous wastes that are affecting current arisings and future capacity needs. These are summarised below so that the remainder of the *Section* can be read with this context in mind.

# Box 3.1 Changes to Regulation of Hazardous Waste Landfills

Historically the UK has practiced what is known as co-disposal whereby special wastes have been landfilled together with non-special wastes. On 16 July 2004, the co-disposal of hazardous waste with non-hazardous wastes ceased as a result of the Landfill Regulations 2002. Currently, if hazardous wastes are sent to landfill they must to be sent to a site that deals solely with hazardous wastes or to one with an appropriate hazardous waste cell.

All landfills are now classified as one of the following:

- Hazardous;
- Non-Hazardous;
- Non-Hazardous with Stable Non-Reactive Hazardous Waste Cell (SNRHC); or
- Inert.

Non-hazardous landfills with SNRHCs can accept stable non-reactive hazardous wastes in a separately constructed area. These sites will continue to accept asbestos waste as well as other stabilised hazardous wastes, such as treatment residues.

From 16 July 2005, all treated hazardous waste accepted into hazardous landfills or special 'cells' of a non-hazardous landfill site must comply with the full Waste Acceptance Criteria (WAC), *ie* require pre-treatment, as required by the Landfill Regulations 2002.

The changes outlined in *Box 3.1* have had a significant impact on hazardous waste management capacity in the South East of England such that, at the time of writing, there are limited numbers of hazardous waste landfills in the region.

# Box 3.2 Hazardous Waste Regulations and List of Wastes Regulations

Two sets of Regulations were implemented on 16 July 2005:

- The Hazardous Waste (England and Wales) Regulations 2005; and
- The List of Wastes (England) Regulations 2005.

#### The Hazardous Waste Regulations:

- require producers of hazardous waste to notify their premises to the EA;
- end the requirement to pre-notify the consignment of wastes to the EA as currently required under the Special Waste Regulations;
- ban the mixing of hazardous waste and require their separate storage on site;
- provide cradle-to-grave documentation for the movement of hazardous waste; and
- require consignees to keep thorough records of hazardous waste and provide the Environment Agency with quarterly disposal and recovery information.

The *List of Wastes (England) Regulations 2005* introduced the revised European Waste Catalogue (EWC). This changed the current definition of 'special waste' to bring it into line with the European definition of hazardous waste. The change in classification has resulted in more waste being defined as hazardous waste, than under the previous definition of special waste.

The EWC lists all wastes, whether hazardous or not. Wastes with a hazardous property are highlighted as either Absolute or Mirror entries. A waste given as an absolute entry means this will be in all circumstances a hazardous waste regardless of any threshold concentrations, whereas a mirror entry will be a hazardous waste if dangerous substances are present above threshold concentrations.

*Box 3.3* summarises the other pieces of legislation that are likely to have an effect on the amount of hazardous wastes produced and hence on processing technologies and capacities.

### Box 3.3 Other Regulatory Developments Impacting on Hazardous Waste

#### Waste Electrical and Electronic Equipment (WEEE) Directive

The UK WEEE Regulations came into force on 2 January 2007. The Regulations sets targets and requirements for the collection, treatment and recycling of WEEE. Waste electrical and electronic equipment is classed according to 10 categories. It covers all types, shapes and sizes of equipment from electric toothbrushes to medical devices found in hospitals to vending machines. It is also makes distinctions between household WEEE and business WEEE and 'historic' and 'new' WEEE.

The costs for collection, treatment, recycling and disposal are to be borne by the producers (broadly speaking, the manufacturers, importers and retailers) of the EEE, hence it is a "Producer Responsibility" Directive.

For household WEEE, the UK is required to ensure that there is an adequate network of collection points for householders to separate their WEEE from other waste. There is no obligation on consumers to separate WEEE, they are encouraged to do so. There are no direct legal obligations placed on local authorities, although they are encouraged to establish their CA sites or transfer stations as designated collection facilities (DCFs). Producers are required to finance the collection of household WEEE from DCFs along with subsequent treatment and recycling.

Distributors or 'retailers' of household equipment also have legal obligations. They must either offer free takeback of WEEE when they sell a new item of EEE or pay into the 'Distributor Takeback Scheme' which subsequently finances the costs of establishing the DCFs.

For business WEEE, producers are required to ensure they have a system in place to ensure their equipment is treated, recycled and recovered when their customers discard the equipment (even if it is sometime later). In the case of historic WEEE, producers must finance the treatment and recycling costs only if the customer is buying a new similar product. Producers must finance the costs of treating and recycling all new WEEE. It is important to note that a producer can contractually oblige their customers to meet the costs in both cases.

#### Treatment and Recycling of WEEE

All separately collected household WEEE and all business WEEE will in future be required to be treated to new standards and meet specified recycling and recovery targets. The recycling and recovery targets are category specific (eg Category 1. large household domestic appliances must be recovered to a level of 80% by average weight of appliance, with 75% being attributed to reuse or recycling of components, materials or substances).

Treatment requirements include removal of certain components and materials from WEEE (eg mercury containing components, plastics containing brominated flame retardants, cathode ray tubes) and then in some cases specialist treatment of the removed component (eg removal of fluorescent coating from cathode ray tubes). Guidance is available on interpretation of these requirements. The removal of materials or components does not necessarily need to take place before the shredding process.

# Restriction of Hazardous Substances (RoHS) Directive

The RoHS Directive uses the same scope as the WEEE Directive but prohibits the existence of six hazardous substances in new EEE placed onto the EU market from 1 July 2006. The six substances are: lead; cadmium; mercury; hexavalent chromium; PBB; and PBDE (the last two being brominated flame retardants). EEE that does not meet the RoHS Directive's requirements as of 1 July 2006 cannot be sold within the EU.

As a result of this legislation, the quantities of these substances entering the waste stream will reduce over the coming years. The legislation allows for other substances to be added in the

future to the initial list of six, as well as allowing for certain exemptions.

#### End of Life Vehicles (ELV) Directive

The End of Life Vehicles (ELV) Directive has the objective of reducing waste from ELVs and improving levels of recycling and reuse. It aims to minimise the impact of such vehicles on the environment, eg by reducing the amount of waste going to landfill from vehicles reaching the end of their life by:

- introducing controls on the 'scrapping' of ELVs (by restricting treatment to authorised facilities);
- · implementing new environmental treatment standards; and
- setting rising re-use, recycling and recovery targets.

The targets require 85% of ELVs to be re-used or recovered (80% re-used or recycled) by January 2006, and 95% of all ELVs to be re-used or recovered (85% re-used or recycled) by 2015.

The ELV Directive encourages the limitation of hazardous materials in new vehicles in order to reduce the amount of hazardous waste eventually produced and to ease recycling. It will divert hazardous elements from mixed waste management disposal to targeted recycling and treatment. Manufacturers are already seeking to utilise materials that are easier to recycle and there will be a long-term downward trend in unit quantities of hazardous material being used in new vehicles and consequently arising in ELVs.

#### **Batteries Directive**

The European Commission has drawn up a proposal which will require the collection and recycling of all types of batteries. The Batteries Directive will result in an increase in the number of battery waste streams and the quantities segregated for treatment/disposal. The new Directive will ban the use of mercury in batteries immediately: all batteries containing more than 5ppm of cadmium by weight are scheduled to be banned by January 2008.

The current timeframe is that the Directive will be ratified in June 2006, meaning that the Directive will be transposed into national law by January 2008 with the first target of 25% collection of all waste batteries within the scope being set for 2012.

As a result of this Producer Responsibility legislation, specialised treatment, recycling and disposal facilities will be needed to handle the increase in the amount of separately collected hazardous battery waste. Currently there is just one battery reprocessing plant in the UK, G & P Batteries in the West Midlands, which has the capacity to handle up to 600 tonnes per annum. The majority of the UK's waste batteries are currently exported to other EU member states for reprocessing and recycling. Further facilities in the UK are planned by G & P and other companies are likely to enter the market should it prove financially viable.

#### Waste Incineration Directive (WID)

The Waste Incineration Directive (WID) updates the requirements of the 1989 Municipal Waste Incineration Directives and, merging them with the 1994 Hazardous Waste Incineration Directive, consolidates new and existing incineration controls into a single piece of European legislation. WID also upgrades technical requirements to reflect technological advances, and broadens the scope of the waste incineration regime to cover wastes that were not previously regulated.

WID is likely to necessitate the expensive upgrading of some incinerators and plants burning wastes as fuel. The impact of the regime on market economics may inhibit some plants from burning wastes such as waste oil, raising the possibility of an increase in the illegal disposal of waste.

With limited incentives for oil recycling, the impact of the Directive is likely to be to increase the amount of waste oil entering the waste management system, at the same time as reducing the number of disposal sites. Off site treatment options for waste oils, other than recycling, include blending to make cement kiln or power station fuels.

As a result of the Directive virgin fuel sources may replace waste oils. This will result in waste oil being primarily used when firing up coal fired power stations (where financially viable) and cement kilns. Producers of waste oil may in the future have to pay for its disposal, where as at present it has a positive value as a fuel.

#### **Solvent Emission Directive (SED)**

The SED limits the emissions of Volatile Organic Compounds (VOCs) due to the use of organic solvents by certain sectors. The aim is to play a part in reducing the release of more harmful VOCs and reducing ozone pollution in the EU.

Levels of organic solvents used will drop in the period 2003 – 2007, the extent will depend on how producers respond to the pressures on VOC emissions brought about by the SED. Existing installations have until 31 October 2007 to meet the requirements of the Directive. New installations must meet the requirements immediately.

#### Pollution Prevention and Control (PPC) Regulations

The PPC Regulations make provision for the permits to include waste minimisation and opportunities for re-use on site. This should lead to a reduction in the quantities of hazardous waste generated.

For those waste handling companies operating facilities covered by PPC, the rigorous permitting process and associated cost implications (through increased process management and engineering), will result in some re-evaluation of the economic benefits of running such facilities. In a market where margins are low, this may lead to a contraction in capacity at a time when a net increase is required.

#### **Asbestos Regulations**

The Control of Asbestos at Work Regulations 2002 introduces a duty to proactively manage asbestos with effect from 21 May 2004.

Asbestos is commonly found in sprayed coatings and loose packing (such as fire breaks, partitions and ceiling panels or tiles), lagging around pipes and boilers and insulation board. Although the Regulations can be anticipated to have their most substantial impact on urban commercial and industrial premises, it is also not uncommon to find asbestos in and around farm buildings. It is important to remember that the Regulations impose a duty only to manage asbestos – not necessarily to remove all asbestos.

#### Landfill Tax

The UK Government has set a landfill tax escalator in place which will increase by £3 per year the amount paid on every tonne of waste sent to landfill from £21 in 2006 to £33 in 2010. The Government hopes that this fiscal tool will encourage the use of alternative methods for treatment and disposal to reduce the amount of waste going to landfill.

#### 3.2 DIVERSION TARGETS

The wastes arising in the SE Region are subject to diversion targets. It is these target levels of wastes arising that are compared to the available capacity in the region in order to calculate the capacity gap. This method allows the relevant waste types to be compared with the appropriate treatment facility.

The targets used in the model are the appropriate recycling and composting targets from the *South East Plan* and LATS targets for MSW and C&I waste, as

shown in *Table 3.9* and *Table 3.10*. The LATS allowance restricts the total tonnage of biodegradable municipal waste (BMW) that can be sent to landfill.

Table 3.9 Recycling and Composting Targets by Waste Stream (South East Plan)

Year	Recycling and composting targets %									
	MSW	C&I	C&D							
2010	40%	50%	50%							
2015	50%	55%	50%							
2020	55%	60%	60%							
2025	60%	65%	60%							

Note: The model assumes a linear change in the targets between the years shown.

 Table 3.10
 LATS Allowances (million tonnes)

	Base	2005/06	2006/07	2007/08	2008/09	Target	2010/11	2011/12	Target	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	Target
						2010			2013							2020
Berkshire	0.281	0.271	0.257	0.238	0.215	0.186	0.165	0.145	0.124	0.119	0.113	0.108	0.103	0.097	0.092	0.087
Buckinghamshire	0.137	0.133	0.128	0.121	0.112	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048
East Sussex	0.124	0.122	0.118	0.114	0.109	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048
Hampshire	0.372	0.362	0.347	0.326	0.301	0.270	0.240	0.210	0.180	0.172	0.165	0.157	0.149	0.141	0.134	0.126
Isle of Wight	0.035	0.034	0.034	0.033	0.032	0.030	0.027	0.023	0.020	0.019	0.018	0.018	0.017	0.016	0.015	0.014
Kent	0.428	0.414	0.393	0.366	0.331	0.290	0.258	0.226	0.193	0.185	0.177	0.168	0.160	0.152	0.144	0.135
Medway	0.081	0.078	0.074	0.068	0.061	0.053	0.047	0.041	0.035	0.034	0.032	0.031	0.029	0.028	0.026	0.025
Milton Keynes	0.068	0.066	0.062	0.058	0.052	0.045	0.040	0.035	0.030	0.029	0.027	0.026	0.025	0.023	0.022	0.021
Oxfordshire	0.179	0.173	0.165	0.153	0.139	0.122	0.108	0.095	0.081	0.078	0.074	0.071	0.067	0.064	0.060	0.057
Surrey	0.325	0.316	0.301	0.282	0.258	0.229	0.204	0.178	0.153	0.146	0.140	0.133	0.126	0.120	0.113	0.107
West Sussex	0.266	0.257	0.244	0.227	0.205	0.180	0.160	0.140	0.120	0.115	0.109	0.104	0.099	0.094	0.089	0.084
SE Region	2.295	2.226	2.123	1.986	1.815	1.609	1.430	1.251	1.072	1.026	0.980	0.934	0.888	0.842	0.796	0.750

Note: ERM has assumed that the LATS allowance remains constant at the 2020 value for the years beyond 2020 to 2025

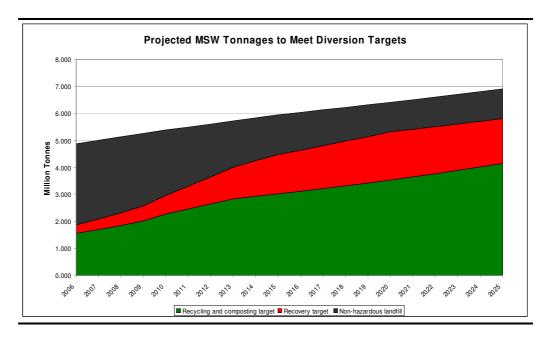
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### 3.2.1 MSW Targets

The model initially gives priority to achieving the regional MSW diversion targets. Once these targets are achieved, the model then gives priority to achieving the LATS targets. The model assumes that the LATS targets must be met for BMW waste sent direct to landfill, it does not consider the effect on LATS of BMW arising from residues.

If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste), then the model assumes that this extra waste is recycled/composted and recovered at the same ratio as the regional targets for recycling/composting and recovery for that year. Where there is a LATS surplus (ie more can be landfilled than is needed to meet regional diversion targets), then the model assumes that a lower amount that the LATS target is landfilled. Consequently, there may be a certain level of opportunity to trade or to reserve the LATS surplus in future years. *Figure 3.1* shows the projected tonnages of MSW to meet the South East Plan diversion targets and the LATS targets.

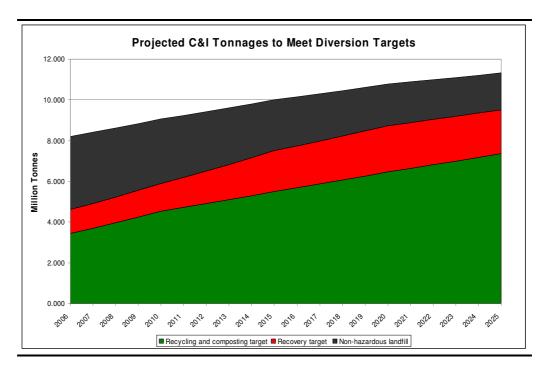
Figure 3.1 MSW to be Managed in SE Region to Meet South East Plan and LATS Targets



#### 3.2.2 *C&I Targets*

There are no national targets for the landfilling of C&I wastes now that the 2005 target in *Waste Strategy* 2000 has passed. Consequently, the model gives priority to achieving the regional C&I diversion targets for recycling/composting and recovery. Once these targets are achieved, the model assumes that all other C&I waste is sent to non-hazardous landfill. *Figure* 3.2 shows the projected tonnages of C&I waste to meet the South East Plan diversion targets.

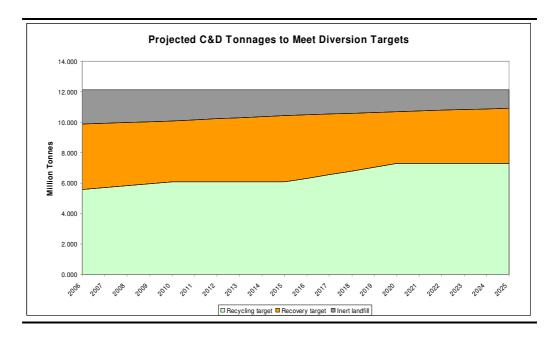
Figure 3.2 C&I Waste MSW to be Managed in SE Region to Meet South East Plan



# 3.2.3 C&D Targets

As with C&I waste, there are no national targets for the landfilling of C&D wastes. Therefore, the model gives priority to achieving the regional C&D diversion targets for recycling and recovery, and all other waste sent to inert landfill. *Figure 3.3* shows the projected tonnages of C&I waste to meet the South East Plan diversion targets.

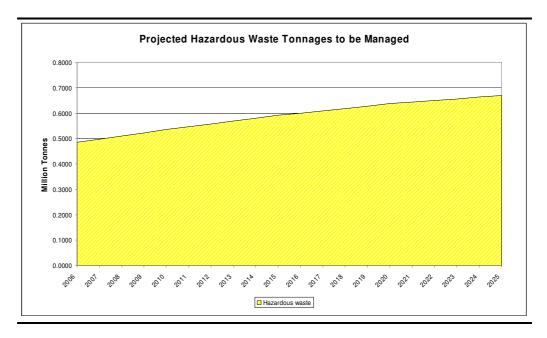
Figure 3.3 C&D Waste MSW to be Managed in the SE Region to Meet the South East Plan



# 3.2.4 Hazardous Waste Targets

In *Section 3.1.1* we detailed recent regulatory changes relevant to hazardous waste. However, there are no targets for the landfilling or the diversion of hazardous wastes. *Figure 3.4* shows the projected hazardous waste arisings in the SE Region.

Figure 3.4 Projected Hazardous Waste to be Managed in the SE Region



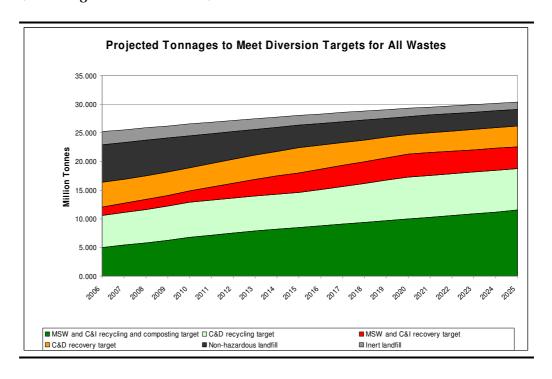
# 3.3 SUMMARY OF WASTES TO BE MANAGED BY DESTINATION

*Table 3.11* presents a summary of the type and the amount of waste to be sent to each destination: recycling/composting; recover; and landfill. Similarly, *Figure 3.5* shows the amount and type of waste to be sent to each destination to meet the targets from the South East Plan and LATS.

Table 3.11 Wastes to be Managed in the SE Region by Destination and Waste Type (3 sig. figs)

		2006	2010	2013	2016	2020	2022	2025
Recycling and composting								
	MSW	<mark>1.56</mark>	<mark>2.28</mark>	<mark>2.83</mark>	<mark>3.12</mark>	<mark>3.53</mark>	<mark>3.77</mark>	<mark>4.15</mark>
	C&I	<mark>3.45</mark>	<b>4.53</b>	<mark>5.09</mark>	<mark>5.68</mark>	<mark>6.46</mark>	<mark>6.81</mark>	<mark>7.36</mark>
Recycling								
	C&D	<mark>5.58</mark>	<mark>6.07</mark>	<mark>6.07</mark>	<mark>6.31</mark>	<mark>7.28</mark>	<mark>7.28</mark>	<mark>7.28</mark>
Recovery								
	MSW	0.31	<mark>0.68</mark>	<mark>1.18</mark>	<mark>1.52</mark>	<b>1.80</b>	<mark>1.75</mark>	<mark>1.66</mark>
	C&I	<mark>1.17</mark>	<mark>1.36</mark>	<mark>1.73</mark>	<mark>2.05</mark>	<mark>2.26</mark>	<mark>2.22</mark>	<mark>2.15</mark>
	C&D	<b>4.30</b>	<b>4.00</b>	<mark>4.22</mark>	$\frac{4.17}{4.17}$	<b>3.40</b>	<mark>3.50</mark>	<mark>3.64</mark>
Non Haz Landfill								
	MSW	<mark>3.71</mark>	<mark>2.44</mark>	<mark>1.71</mark>	<mark>1.40</mark>	<mark>1.09</mark>	<mark>1.10</mark>	<mark>1.10</mark>
	C&I	<mark>3.59</mark>	<mark>3.17</mark>	<mark>2.79</mark>	<mark>2.42</mark>	<mark>2.05</mark>	<mark>1.96</mark>	1.81
Inert Landfill								
	C&D	2.26	<mark>2.06</mark>	1.84	1.65	<b>1.46</b>	1.36	1.21
Total MSW		<mark>5.58</mark>	<mark>5.40</mark>	<mark>5.72</mark>	<mark>6.04</mark>	<mark>6.42</mark>	<mark>6.62</mark>	<mark>6.91</mark>
Total C&I		8.21	<mark>9.06</mark>	<mark>9.61</mark>	10.15	10.77	10.99	11.32
Total C&D		<mark>12.14</mark>	12.13	<b>12.13</b>	12.13	<b>12.14</b>	12.13	12.13
Grand total		<mark>26.67</mark>	<mark>27.85</mark>	<mark>28.5</mark>	<mark>29.16</mark>	<mark>29.98</mark>	<mark>30.34</mark>	30.91

Figure 3.5 Wastes to be Managed in the SE Region by Destination and Waste Type (excluding Hazardous Waste)



#### 3.4 ASSUMPTIONS AND LIMITATIONS

Within the model, there were a number of assumptions that needed to be made. These were based, where possible, on existing data or relevant examples.

#### 3.4.1 LATS Allowance

The model assumes that the LATS targets are only met by BMW waste that is sent direct to landfill. The model does not consider the effect on LATS of BMW arising from residues after MSW recycling or composting. For BMW sent direct to landfill, we have assumed that MSW is composed of 68% BMW. For the BMW fraction contained in residues from the recycling and composting of MSW, we have assumed that the BMW fraction is 0%.

We recommend that this assumption relating to the BMW fraction in residues is considered further, based upon the current facilities in operation within the SE Region (ie the accuracy of our assumptions will depend on the type of diversion technology that is employed: incineration; MBT with RDF; and MBT with stabilate to landfill etc.).

# 3.4.2 Imports of MSW and C&I from London into the SE Region

The South East Plan provides data that is aggregated for Kent and Medway. We needed to split this data for London imports into the SE Region for Kent and Medway. Their combined apportionment is estimated at 12.2% of total imports from London in the South East Plan. We have assumed that 11.2% is apportioned to Kent and 1.0% to Medway, based upon the relative level of MSW and C&I arisings in each sub-region.

#### 3.4.3 Waste Densities

This model assumes that non hazardous waste and hazardous wastes both have a bulk density of one tonne per cubic metre. The bulk density for inert wastes is assumed to be two tonnes per cubic metre. To show this in the model, all inert landfill voidspace that was provided in cubic metres was doubled to give the amount of tonnes that can be landfilled in that void.

# 4 MODEL STRUCTURE

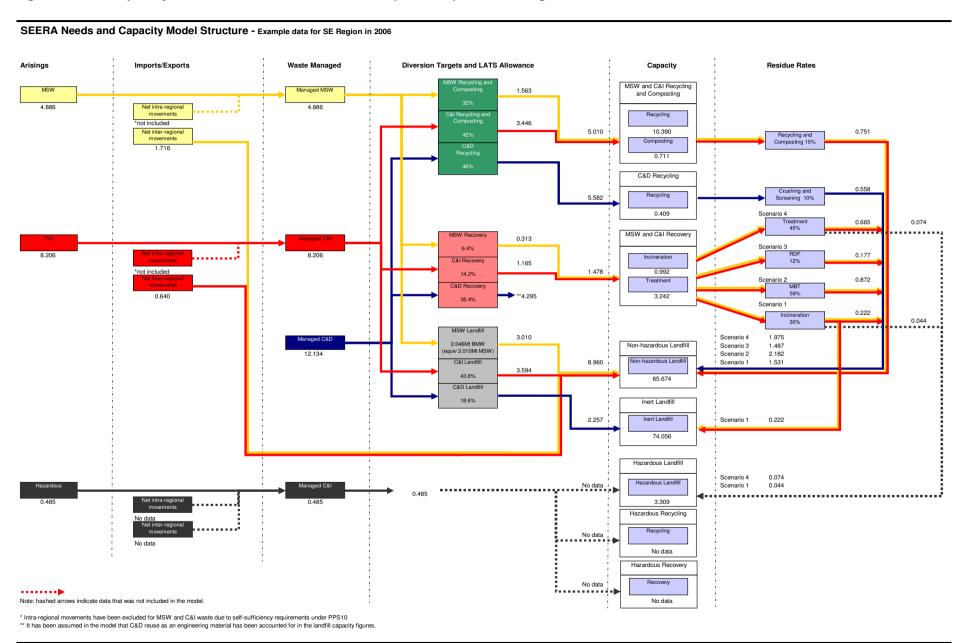
In order to be able to understand the structure of the model and the manner in which it generates the results for the SE Region, we have provided a schematic diagram of the model structure, as shown in *Figure 4.1*.

Each waste stream is represented by a separate colour. The model should be viewed by following each waste stream from left to right. The model follows a step by step process to calculate the following:

- waste arisings;
- waste import and exports;
- managed waste;
- waste diversion targets and LATS allowance;
- waste treatment capacity; and
- waste residues.

The dashed lines in the model indicate where these waste streams are not included due to a lack of data.

Figure 4.1 Capacity and Need Model Structure – Example Data for the SE Region in 2006 (million tonnes)



### 5 CAPACITY GAP

#### 5.1 Introduction

The model produces a large number of results, all of which can be found in *Annex B*. This section highlights and discusses the main findings of these results.

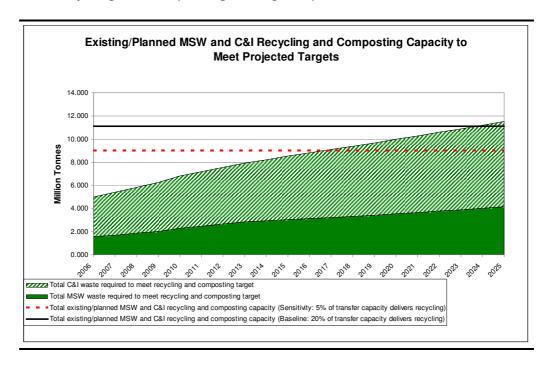
### 5.2 SCENARIO 1 – RESULTS

This section will look at the results on a regional level. Sub-regional results can be found in *Annex B*.

# 5.2.1 Recycling, Composting and Recovery Capacity Gap Calculations

When the regional recycling and composting capacity is compared to the forecast arisings, the capacity is forecast to be exhausted by 2023/24. When using an assumption of 5% of transfer capacity being for recycling  $^{(1)}$ , this time horizon is brought forward to 2016/17. By 2024, just under an extra 0.1 million tonnes of recycling capacity will be required, and this increases to 0.4 million tonnes by 2025.

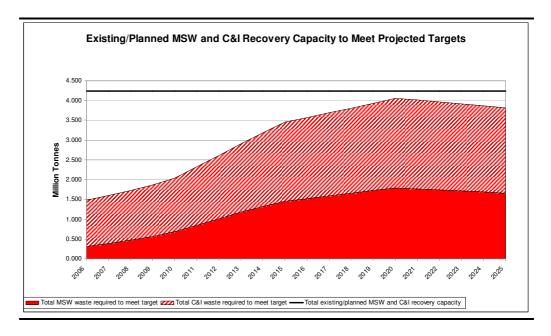
Figure 5.1 Total South East Recycling and Composting Capacity vs forecast MSW and C&I Recycling and Composting Arisings Projections (Scenario 1)



<sup>(1)</sup> see assumptions section

The same comparison has been made between the amount of waste forecast to arise and the proportion of this needed to be recovered to meet recovery targets, against recovery capacity in the South East. This comparison shows that the South East should have sufficient recovery capacity beyond 2025.

Figure 5.2 Total South East Recovery Capacity vs forecast MSW and C&I Recovery Arisings Projections (Scenario 1)



C&D waste arisings forecast to be sent to recycling, plus the bottom ash from incineration, has been compared to C&D recycling capacity. *Figure 5.3* shows that there is a significant shortfall in recycling capacity for C&D wastes. This shortfall can be partly explained by the fact that there are sites exempt from Environment Agency licensing and these may not have been picked up by the WPAs in their surveys. In addition, some C&D recycling occurs on-site at the source and therefore further capacity to deal with this waste would not be required.

*Figure 5.4* shows the C&D recovery capacity is also lacking in comparison to the forecast arisings for this destination for this waste stream.

Figure 5.3 Total South East C&D Recycling Capacity vs forecast C&D Recycling Arisings Projections (Scenario 1)

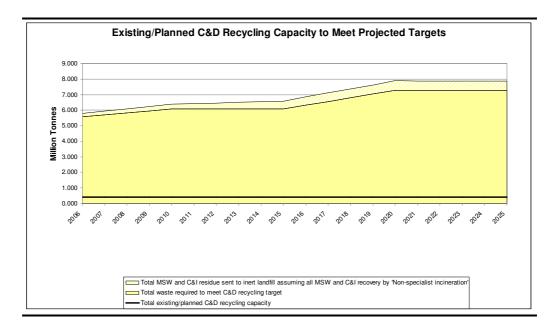
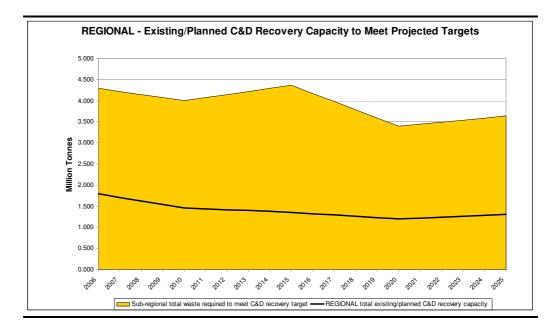


Figure 5.4 Total South East C&D Recovery Capacity vs forecast C&D Recovery Arisings Projections (Scenario 1)



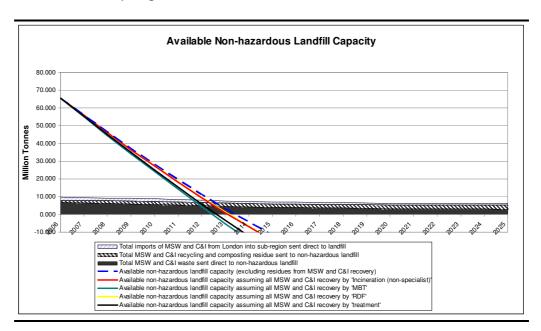
# 5.2.2 Landfill Capacity Gap Calculations

Landfill comparisons have been carried out showing the decrease in voidspace over time. Several scenarios are included relating to the type of recovery/ treatment that is carried out to wastes prior to the landfilling of residues. These scenarios include the assumptions that:

- all wastes designated as going to 'recovery' are sent to MBT facilities and therefore residues are assumed at the rate expressed in *Table 2.9*;
- all wastes designated as going to 'recovery' are sent to facilities producing RDF and therefore residues are assumed at the rate expressed in *Table 2.9*;
- all wastes designated as going to 'recovery' are sent to incineration facilities and therefore residues are assumed at the rate expressed in *Table* 2.9; and
- all wastes designated as going to 'recovery' are sent to 'treatment' facilities which is the average of the rates for all recovery facilities expressed in *Table 2.9*.

Figure 5.5 shows that under the best case scenario (assuming no residue from treatment), landfill capacity will last until 2012/2013. The range of scenarios referring to treatment residues gives slightly different results in terms of time/voidspace remaining. They range from an exhaustion date of 2012 to 2013/14. The worst case scenario (MBT treatment residues to landfill) requires over 70 million tonnes worth of landfill voidspace by 2021. The best case still requires a further 51 million tonnes of capacity by 2021.

Figure 5.5 MSW and C&I Wastes to Landfill vs Non Hazardous Landfill Voidspace in the South East of England (Scenario 1)



The comparison of C&D wastes to inert landfill was also carried out and the results presented in *Figure 5.6* indicates that there is enough inert voidspace to meet the demand for C&D wastes direct to landfill, even when residues from incineration are included (if all wastes indicated as requiring treatment are sent to incinerators). It is likely that in reality the actual rate of decline in capacity will be in-between these two scenarios, as some waste will be incinerated, but it is unlikely that all will be.

Figure 5.6 C&D wastes to Landfill vs Inert Landfill Voidspace in the South East of England (Scenario 1)

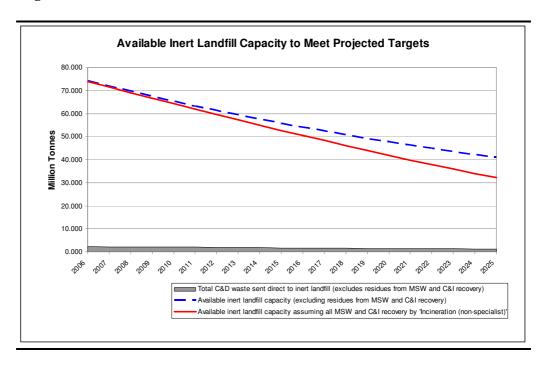


Table 5.1 LATS Shortfall

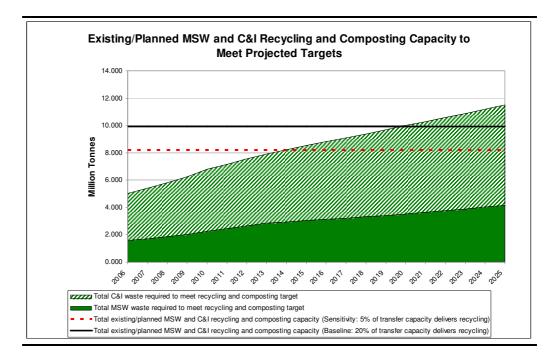
	2006	2010	2013	2016	2020	2022	2025
Berkshire	-0.0723	-0.0150	0.0077	-0.0113	-0.0147	-0.0142	-0.0137
Buckinghamshire	-0.0056	0.0077	0.0164	0.0028	-0.0013	-0.0011	-0.0007
East Sussex	0.0538	0.0489	0.0481	0.0260	0.0160	0.0164	0.0169
Hampshire	0.0394	0.0751	0.0857	0.0383	0.0195	0.0204	0.0215
Isle of Wight	0.0032	0.0022	0.0048	0.0008	-0.0004	-0.0003	-0.0002
Kent	-0.0474	0.0249	0.0491	0.0096	-0.0025	-0.0017	-0.0007
Medway	-0.0204	-0.0032	0.0030	-0.0026	-0.0037	-0.0036	-0.0034
Milton Keynes	-0.0109	0.0027	0.0067	0.0008	-0.0009	-0.0008	-0.0006
Oxfordshire	-0.0285	0.0029	0.0148	-0.0002	-0.0042	-0.0039	-0.0035
Surrey	-0.0394	0.0084	0.0301	0.0012	-0.0067	-0.0061	-0.0053
West Sussex	-0.0518	-0.0032	0.0161	-0.0045	-0.0094	-0.0089	-0.0084
SE Region	-0.1798	0.1514	0.2827	0.0608	-0.0083	-0.0039	0.0020

## 5.3 SCENARIO 2 – RESULTS

# 5.3.1 Recycling, Composting and Recovery Capacity Gap Calculations

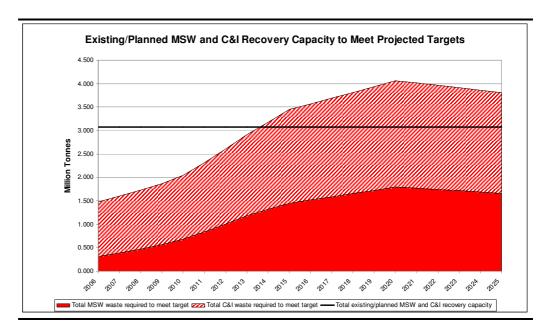
When the regional recycling and composting capacity is compared to the forecast arisings, the capacity is forecast to be exhausted by 2019/20. This is brought forward to 2013/14 when using the 5% transfer station recycling assumption. It is therefore imperative that recycling and composting capacity be provided in the short term in the South East of England. By 2021, a further 0.36 million tonnes per annum of capacity is required, climbing to 1.6 million by 2025.

Figure 5.7 Total South East Recycling and Composting Capacity vs Forecast MSW and C&I Recycling and Composting Arisings Projections (Scenario 2)



The recovery capacity gap analysis changes under scenario 2, showing that there is a shortfall in capacity compared with the forecast arisings. The date when capacity becomes insufficient is 2013/14. By 2014, 0.1million tonnes of extra recovery capacity will be required in the South East, and this peaks in 2020 when just under 1 million tonnes of capacity will be required.

Figure 5.8 Total South East Recovery Capacity vs Forecast MSW and C&I Recovery Arisings Projections (Scenario 2)



As with Scenario 1, C&D recycling capacity appears to be lacking greatly in comparison to the forecast arisings. Once again, the reasoning could be that unrecorded exempt sites and on-site C&D recycling may deal with a large amount of this waste. The C&D recovery capacity in *Figure 5.10* is the same as Scenario 1, indicating that there are no recorded non-operational C&D recovery facilities.

Figure 5.9 Total South East C&D Recycling Capacity vs Forecast C&D Recycling Arisings Projections (Scenario 2)

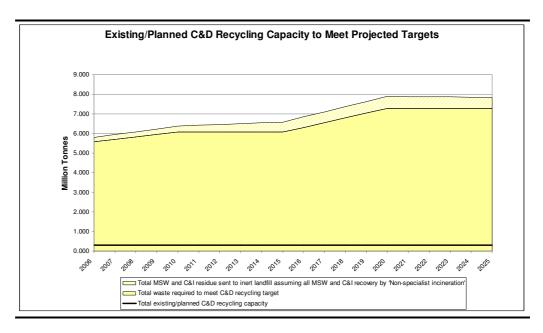
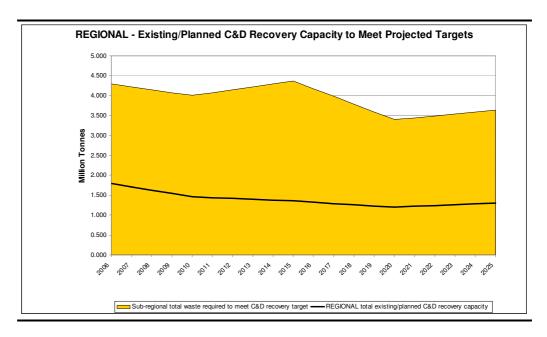


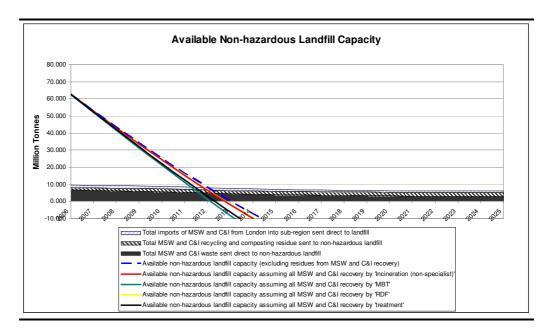
Figure 5.10 Total South East C&D Recovery Capacity vs Forecast C&D Recovery Arisings Projections (Scenario 2)



# 5.3.2 Landfill Gap Calculations

The same treatment scenarios are run in this landfill capacity scenario. *Figure 5.11* shows that, under the best case scenario (no residues from treatment), non-hazardous landfill capacity will be exhausted by 2013/14. Using the different treatment scenarios, the estimate of when landfill capacity is exhausted varies from 2013 to 2014. The worst case scenario (MBT treatment residues to landfill) requires nearly 80 million tonnes worth of landfill voidspace by 2021. The best case still requires approximately 54 million tonnes worth of capacity by 2021.

Figure 5.11 MSW and C&I Wastes to Landfill vs Non Hazardous Landfill Voidspace in the South East of England (Scenario 2)



Inert landfill is forecast to be sufficient throughout the forecasting period, as with Scenario 1. By 2021, the forecast is that between 36 and 43 million tonnes of capacity will remain.

Figure 5.12 C&D Wastes to Landfill vs Inert Landfill Voidspace in the South East of England (Scenario 2)

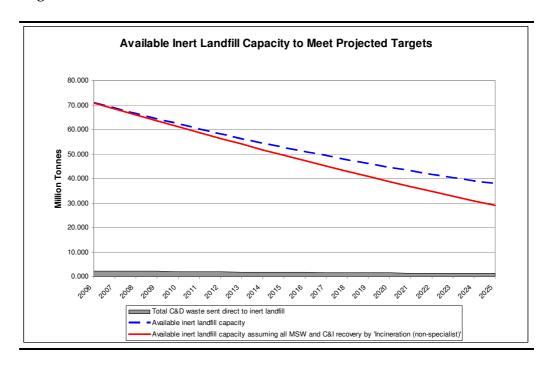


Table 5.2 LATS Shortfall

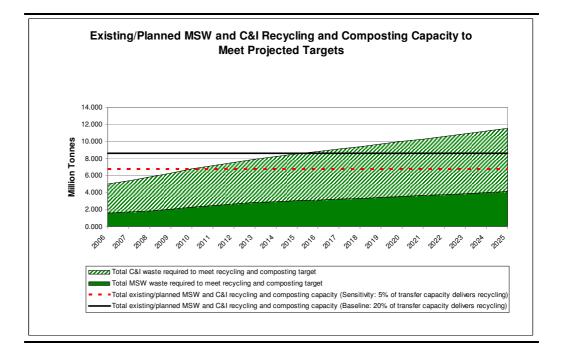
	2006	2010	2013	2016	2020	2022	2025
Berkshire	-0.0723	-0.0150	0.0077	-0.0113	-0.0147	-0.0142	-0.0137
Buckinghamshire	-0.0056	0.0077	0.0164	0.0028	-0.0013	-0.0011	-0.0007
East Sussex	0.0538	0.0489	0.0481	0.0260	0.0160	0.0164	0.0169
Hampshire	0.0394	0.0751	0.0857	0.0383	0.0195	0.0204	0.0215
Isle of Wight	0.0032	0.0022	0.0048	0.0008	-0.0004	-0.0003	-0.0002
Kent	-0.0474	0.0249	0.0491	0.0096	-0.0025	-0.0017	-0.0007
Medway	-0.0204	-0.0032	0.0030	-0.0026	-0.0037	-0.0036	-0.0034
Milton Keynes	-0.0109	0.0027	0.0067	0.0008	-0.0009	-0.0008	-0.0006
Oxfordshire	-0.0285	0.0029	0.0148	-0.0002	-0.0042	-0.0039	-0.0035
Surrey	-0.0394	0.0084	0.0301	0.0012	-0.0067	-0.0061	-0.0053
West Sussex	-0.0518	-0.0032	0.0161	-0.0045	-0.0094	-0.0089	-0.0084
SE Region	-0.1798	0.1514	0.2827	0.0608	-0.0083	-0.0039	0.0020

## 5.4 SCENARIO 3 - RESULTS

# 5.4.1 Recycling, Composting and Recovery Capacity Gap Calculations

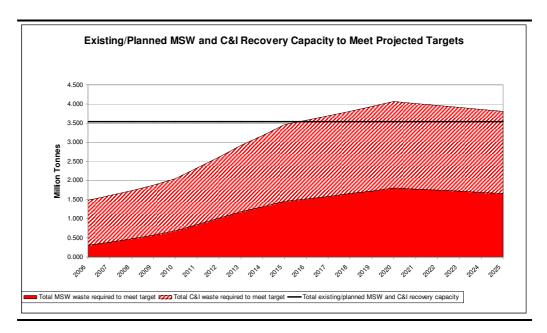
When Scenario 3 for the regional recycling and composting capacity is compared to the forecast arisings, capacity is forecast to be exhausted by 2015/16. When using the 5% transfer recycling assumption, this time horizon is brought forward to 2009/10. It is necessary under this scenario for new recycling and composting capacity to be made available in the South East. The amount of capacity required by 2021 is 1.7 million tonnes per annum, rising to nearly 3 million tonnes by 2025.

Figure 5.13 Total South East Recycling and Composting Capacity vs Forecast MSW and C&I Recycling and Composting Arisings Projections (Scenario 3)



The comparison of recovery capacity against MSW and C&I arisings shows that current capacity becomes insufficient by 2016. Approximately 0.5 million tonnes of recovery capacity would be needed when these arisings reach their peak in 2020.

Figure 5.14 Total South East Recovery Capacity vs Forecast MSW and C&I Recovery Arisings Projections (Scenario 3)



Once again, under this scenario both C&D recycling and recovery capacity is significantly below the level required to meet the targets laid down in the South East Plan. The same caveats apply here as mentioned for the other two scenarios, concerning exempt sites and on-site recycling/re use.

Figure 5.15 Total South East C&D Recycling Capacity vs Forecast C&D Recycling Arisings Projections (Scenario 3)

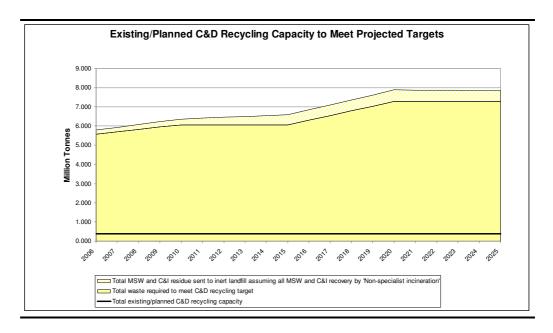
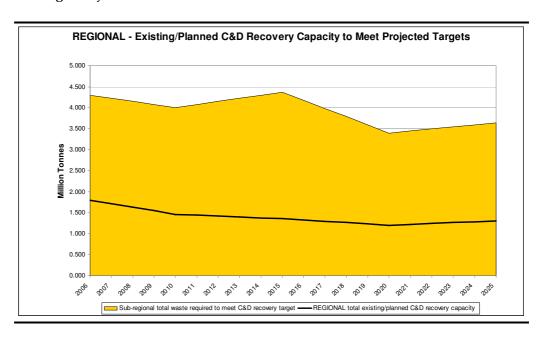


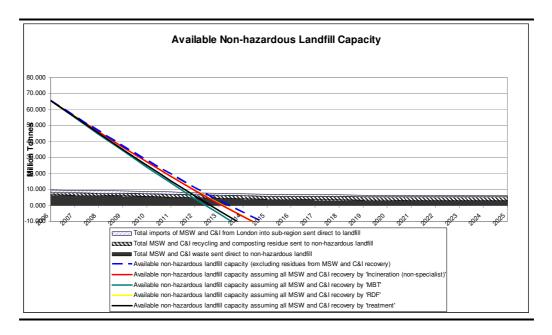
Figure 5.16 Total South East C&D Recovery Capacity vs Forecast C&D Recovery Arisings Projections (Scenario 3)



# 5.4.2 Landfill Capacity Gap Calculations

Landfill capacity gap calculations for Scenario 3 give a similar result to those for Scenario 1, as no extrapolations for landfill capacity were made. The figures below show the results for Scenario 3. Under the best case (no treatment residues), scenario voidspace is available until 2013, after which further void is required. A further 51million tonnes worth of capacity is required by 2021. The scenarios including treatment residues show a point of exhaustion between 2013 and 2014, the worst case scenario showing a further 76 million tonnes of capacity is required by 2021.

Figure 5.17 MSW and C&I Wastes to Landfill vs Non Hazardous Landfill Voidspace in the South East of England (Scenario 3)



As with Scenario 1, inert landfill space is forecast to be sufficient to deal with the forecast C&D arisings up to and beyond 2025, including the landfilling of residues from incinerator bottom ash.

Figure 5.18 C&D Wastes to Landfill vs Inert Landfill Voidspace in the South East of England (Scenario 3)

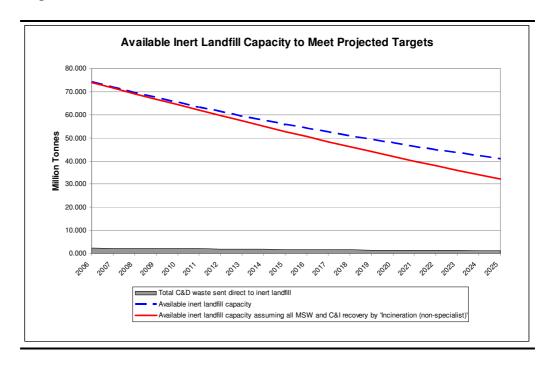


Table 5.3 LATS Shortfall

	2006	2010	2013	2016	2020	2022	2025
Berkshire	-0.0723	-0.0150	0.0077	-0.0113	-0.0147	-0.0142	-0.0137
Buckinghamshire	-0.0056	0.0077	0.0164	0.0028	-0.0013	-0.0011	-0.0007
East Sussex	0.0538	0.0489	0.0481	0.0260	0.0160	0.0164	0.0169
Hampshire	0.0394	0.0751	0.0857	0.0383	0.0195	0.0204	0.0215
Isle of Wight	0.0032	0.0022	0.0048	0.0008	-0.0004	-0.0003	-0.0002
Kent	-0.0474	0.0249	0.0491	0.0096	-0.0025	-0.0017	-0.0007
Medway	-0.0204	-0.0032	0.0030	-0.0026	-0.0037	-0.0036	-0.0034
Milton Keynes	-0.0109	0.0027	0.0067	0.0008	-0.0009	-0.0008	-0.0006
Oxfordshire	-0.0285	0.0029	0.0148	-0.0002	-0.0042	-0.0039	-0.0035
Surrey	-0.0394	0.0084	0.0301	0.0012	-0.0067	-0.0061	-0.0053
West Sussex	-0.0518	-0.0032	0.0161	-0.0045	-0.0094	-0.0089	-0.0084
SE Region	-0.1798	0.1514	0.2827	0.0608	-0.0083	-0.0039	0.0020

## 5.5 SCENARIO COMPARISONS

Scenario 3 is the 'worst case scenario' in terms of total capacity. There is less capacity in this scenario than the other two scenarios. For recycling, it sees the recycling and composting capacity in the Region become insufficient to deal with the forecast arisings by 2016 and recovery capacity is also insufficient by 2016. The tonnage required in new facilities for recycling and composting by 2021 is 1.7 million tonnes per annum, and for recovery it peaks at 0.5 million tonnes in 2020.

By comparison, Scenario 1 is the 'best case scenario' in terms of capacity, as it includes all sites that were surveyed and extrapolates for those non-landfill facilities with no data. This provides an estimate of 2023/24 as the date when recycling and composting capacity will be insufficient for the needs of the Region. Recycling and composting capacity required is estimated to be 0.4 million tonnes by 2025 and current recovery capacity is stated to be sufficient beyond the year 2025.

Scenario 2 falls between these two others in terms of total capacity. However, for recycling and composting it is the worst case scenario in which 1.6 million extra tonnes per annum of recycling and composting capacity is required by 2025, with the current level forecast to be insufficient by 2020. Just under 1 million extra tonnes per annum of recovery capacity will be required in 2020, when capacity requirement peaks, and the current level will become insufficient by 2013/14.

C&D recycling capacity in all scenarios appears to be insufficient to deal with both current and future arisings of C&D wastes requiring this type of facility. The nature of the market for C&D waste dictates its final disposal point, and therefore there maybe movements of C&D waste to other regions for recycling if the cheapest option is across authority/regional borders.

However, the largest contributor to this apparent mismatch in capacity is the amount of on site recycling/reuse of C&D wastes. It is recorded as arisings, however, as it never moves anywhere, it is not recorded as wastes to be managed and therefore a much higher arisings figure is presented than that which needs to be managed in facilities for which capacity is recorded.

The same can be said for recovery capacity for C&D wastes. All scenarios point to the same negative conclusions. However, it is likely that much of this extra capacity will not be necessary for the same reasons as explained for C&D recycling above.

The landfill capacity gaps are similar to the recycling and composting calculations, as there are clear 'best' and 'worst case scenarios'. Scenario 1 is again the 'best case' as it shows all sites surveyed. Scenario 3 is very similar as Scenario 1, as this scenario takes away those site extrapolations and no extrapolations were made for landfill capacity. As a result, Scenario 2 is the 'worst case' as it only looks at those sites currently operational.

All three scenarios show that non-hazardous landfill capacity is forecast to be exhausted between 2012 and 2014, depending on what treatment option is chosen. The amount of voidspace required by 2021 to handle the forecast arisings is between 51 and 80 million tonnes. Scenario 2 paints a slightly more negative picture when current voidspace is predicted to be exhausted slightly earlier in 2012, depending on treatment scenarios. The amount of extra voidspace required is between 54 and 80 million tonnes worth of space.

Inert landfill was assessed separately. For Scenarios 1 and 3, similar results were found due to there being no extrapolated landfill data. The amount of inert landfill recorded was sufficient to deal with the C&D waste in the South East throughout the forecast period, including residues from MSW and C&I incineration. Scenario 2 predicts that surplus amounts of inert landfill space will also remain throughout the period, with between 36 and 43 tonnes of capacity remaining in 2021. This translates to 18-21.5 million cubic metres of capacity remaining.

# 6 MONITORING CAPACITY

ERM have provided SEERA with the model used in this study for the purposes of updating information when this becomes available, most probably on an annual basis in line with the monitoring requirements of PPS 10.

The model consists of a set of databases, one for each WPA.

The information contained in the database relates to the sites in each WPA area. In the case of landfill, it is important that any new estimates/records of voidspace are updated/ included whenever new information is made available.

Non-landfill sites need to be monitored and any changes in use/planning status need to be recorded, as does any expansion/reduction in capacity. New sites should be recorded in the database and their data will then be included in the calculations.

These databases are fed into a model that produces the tables and figures found in the annexes to this document.

# 6.1 HOW TO UPDATE THE CAPACITY DATABASE

The capacity database is made up of the survey sheets that were sent to each WPA. These sheets will need updating by deleting sites, changing their details/status or capacity and adding new sites.

# 6.2 HOW TO UPDATE THE CAPACITY AND NEED MODEL

We have provided here a brief description of how to update the capacity and need model for the SE Region.

The MS Excel model is designed so that it will update the results automatically. The user simply needs to type in any data changes relating to:

- waste arisings;
- waste import and exports;
- waste diversion targets and LATS allowance; and
- waste treatment capacity.

The model is dealing with a complex waste management system and, as such, contains a significant number of calculations and formulae to generate the results accurately.

The model contains a single Excel sheet for each sub-region and one for the SE Region as a whole. New data can be entered into the model where the text is highlighted in blue. The data is structured into 15 different fields within the model, as follows:

- 1. arisings and growth rates;
- 2. inter-regional movements;
- managed waste used to generate results;
- 4. targets;
- 5. waste stream tonnages to meet targets;
- 6. total tonnages to meet targets;
- existing and planned capacity;
- 8. residue rates;
- 9. total residues;
- 10. residue from recycling sent to non-hazardous landfill;
- 11. residue from recovery sent to non-hazardous landfill;
- 12. C&D reused on landfill;
- 13. residue from recycling sent to hazardous landfill;
- 14. residue from recovery sent to hazardous landfill; and
- 15. hazardous waste residue from recovery and recycling sent to hazardous landfill.

There are several fields where data can be added to the model by the user which are shown in the following figures. The following fields should be modified by the user:

- 1. arisings and growth rates;
- inter-regional movements;
- 4. targets; and
- 7. existing and planned capacity.

Figure 6.1 Arisings: Illustration for Buckinghamshire of which Data to Change when Updating the Model in Blue Text

																					-
DATA 01: ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw Arisings of MSW in baseline year																					
(1) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1) Forecast regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%	158%
Total arisings of MSW using regional growth forecasts	0.297	0.304	0.312	0.320	0.328	0.336	0.343	0.350	0.357	0.364	0.371	0.377	0.382	0.388	0.394	0.400	0.406	0.412	0.418	0.424	0.431
(1) Forecast sub-regional growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1) Forecast sub-regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%	158%
Total arisings of MSW using sub-regional growth forecasts	0.297	0.304	0.312	0.320	0.328	0.336	0.343	0.350	0.357	0.364	0.371	0.377	0.382	0.388	0.394	0.400	0.406	0.412	0.418	0.424	0.431
c&i Arisings of C&I in baseline year																					
(1) Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
(1) Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	166%
Total arisings of C&I using regional growth forecasts	0.900	0.922	0.945	0.969	0.993	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260	1.272
(1) Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
(1) Forecast sub-regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	166%
Total arisings of C&I using sub-regional growth forecasts	0.900	0.922	0.945	0.969	0.993	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260	1.272
hazardous Arisings of hazardous waste in baseline year																					
(2) Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	151%
Total arisings of hazardous waste	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
(2) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
Forecast sub regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	151%
Total arisings of hazardous waste	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
c&d Total managed C&D in baseline year																					
(3) Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
(3) Total managed of C&D for the sub-region	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711

# Figure 6.2 Inter-regional Movements: Illustration for Buckinghamshire of which Data to Change when Updating the Model in Blue Text

DATA_02: INTER REGIO	ONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	evel imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion	of regional MSW and C&I imports that go to the sub-region (%)	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%
(1) Total impor	rts of MSW and C&I from London into sub-region sent direct to landfill	0.296	0.288	0.281	0.274	0.266	0.259	0.244	0.230	0.215	0.201	0.186	0.179	0.171	0.163	0.156	0.148	0.144	0.141	0.138	0.134	0.131
	of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
Total impor	rts of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
Proportion	of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
Total impor	rts of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
	of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
	rts of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
Proportion	of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
Total impor	rts of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098

# Figure 6.3 Targets: Illustration for Buckinghamshire of which Data to Change when Updating the Model in Blue Text

DATA_04: T	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (	) landfill (Mt)	0.137	0.133	0.128	0.121	0.112	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.048
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				

Figure 6.4 Capacity: Illustration for Buckinghamshire of which Data to Change when Updating the Model in Blue Text

KISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EA	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
MSW and C&I recovery																				_
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MSW and C&I treatment	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	
Total existing/planned MSW and C&I recovery capacity	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	
Total MSW waste required to meet target	0.015	0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	
Total C&I waste required to meet target	0.126	0.131	0.136	0.141	0.147	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	
Surplus/deficit capacity	0.046	0.036	0.026	0.016	0.004	-0.008	-0.032	-0.056	-0.081	-0.105	-0.128	-0.138	-0.148	-0.158	-0.169	-0.180	-0.176	-0.172	-0.168	
MSW and C&I recycling and composting																				
MSW and C&I recycling	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	
MSW and C&I transfer	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	
Total existing/planned composting capacity	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	_
Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	0.419	_
Total MSW waste required to meet recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	_
Total C&I waste required to meet recycling and composting target	0.360	0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.031	-0.005	-0.042	-0.081	-0.123	-0.169	-0.201	-0.234	-0.268	-0.296	-0.326	-0.352	-0.380	-0.408	-0.436	-0.466	-0.493	-0.520	-0.548	
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.029	-0.065	-0.102	-0.141	-0.183	-0.230	-0.262	-0.295	-0.329	-0.357	-0.386	-0.413	-0.440	-0.468	-0.497	-0.527	-0.554	-0.581	-0.609	
C&D recycling																				
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total waste required to meet C&D recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	_
Sumlus/deficit capacity	-0.320	-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	
C&D recovery																				
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1,220	1.241	1.262	
Sub-regional total waste required to meet C&D recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	
Surplus/deficit capacity	1.621	1.542	1.463	1.384	1.305	1.225	1.200	1.175	1.150	1.125	1.100	1.080	1.060	1.040	1.020	1.000	1.018	1.036	1.054	
Hazardous waste recycling	1.021	1.042	1.400	1.00-4	1.000	1.220	1.200	1.170	1.100	1.120	1.100	1.000	1.000	1.040	1.020	1.000	1.010	1.000	1.004	
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	_
Total hazardous waste to be recycled	N/A																			
Surplus/deficit capacity	N/A																			
Hazardous waste recovery																				
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-
Total hazardous waste to be recovered	N/A																			
Sumlus/deficit capacity	N/A																			
Non-hazardous landfill	1471	1471		1471	1471	1471	1471	1471			1471		1471					1471	1471	
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		10.500	9.515	8.547	7.599	6.672	5 770	4 907	4 083	3.299	2.548	1.831	1.131	0.447	-0.220	-0.869	-1 499	-2.125	-2 747	_
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.492	8.501	7.527	6.572	5.641	4.745	3.885	3.061	2.266	1.502	0.753	0.019	-0.699	-1.402	-2.087	-2.768	-3.443	
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"		10.500	9.426	8.364	7.315	6.280	5.264	4.272	3.305	2.363	1.440	0.537	-0.355	-1.236	-2.106	-2.965	-3.811	-4.651	-5.484	
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		10.500	9.497	8.510	7.541	6.592	5.667	4.272	3.925	3.108	2.323	1.568	0.829	0.105	-0.603	-1.295	-1.969	-2.639	-3.304	
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Tipratment'		10.500	9.447	8.408	7.382	6.373	5.384	4.422	3.489	2.585	1.703	0.844	-0.002	-0.837	-1.658	-2.467	-3.263	-4.052	-4.835	
Total MSW and C&I waste sent direct to non-hazardous landfill		0.591	0.575	0.557	0.536	0.510	0.481	0.451	0.421	0.398	0.374	0.360	0.345	0.330	0.315	0.298	0.293	0.288	0.283	
Inert landfill		0.391	0.575	0.557	0.336	0.510	0.401	0.451	0.421	0.396	0.374	0.300	0.343	0.330	0.515	0.290	0.293	0.200	0.203	
Available inert landfill capacity		13.026	12.893	12.764	12.637	12.513	12.393	12.276	12.164	12.055	11.952	11.852	11.755	11.661	11.570	11.482	11.397	11.314	11.235	_
Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		13.026	12.893	12.717	12.565	12.513	12.393	12.114	11.966	11.817	11.670	11.523	11.755	11.234	11.091	10.949	10.809	10.672	10.539	
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.135	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.080	0.077	
	0.133	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.100	0.104	0.100	0.097	0.094	0.091	0.000	0.000	0.002	0.000	0.077	_
Hazardous landfill Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	_
													I/A N							N/A
Total hazardous waste sent direct to hazardous landfill  Other	N	WA I	W/A I	√A N	I/A N	I/A N	VA N	VA N	/A N	/A N/	A N	A N	VA N	VA N	WA P	VA N	VA N	A N	1/A N	IN/A
Metal/ELV facility	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	_
Metal/ELV facility Ignored	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	

## CONCLUSIONS AND RECOMMENDATIONS

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This report concludes that, following examination of a number of scenarios regarding necessary assumptions in forecasting the capacity needs of the South East of England, an expansion of current recycling and composting capacity will be necessary in the short term. A worst case estimate of when this capacity will be required is 2015/16, with a further 1.7 million tonnes per annum of capacity required by 2021. When considering the worst case scenario for MSW and C&I recovery, 2013 is the date estimated for the exhaustion of the current capacity, with 0.5 million tonnes per annum of capacity required by 2021.

Also necessary in the short term would be an increase in non-hazardous landfill capacity. This is forecast to be exhausted in the worst case scenario by 2012. Under this scenario, a further 80 million tonnes worth of landfill space would be required by 2021. Inert landfill voidspace is forecast to remain until the end of the planning period, with all scenarios predicting voidspace being sufficient up to 2021/22 and beyond.

The area with the most uncertainty regarding the need for further capacity is the C&D waste sector. From the modelling results, it appears that the amount of capacity for the recovery and recycling of C&D wastes is significantly less than the current demand. With an increasing demand, this capacity gap gets greater. However, due to the nature of these types of sites and C&D wastes, it is possible that this is simply an apparent gap; it either does not exist at all, or is not as great as the model predicts. A significant proportion of C&D waste is managed on site and at exempt sites, which do not appear in the model, and thus further capacity might not be required. Further work into C&D wastes, their disposal routes and management types is needed. Data on wastes managed on site and at exempt sites is vital to a more accurate result for this sector.

The following recommendations are made to SEERA following this work. ERM sees these as extra pieces of work that would increase the reliability and robustness of the data to be used in future modelling:

- conduct a more detailed sensitivity study on the effects of residue rates in order to meet LATS allowance;
- gather and utilise more up to date arisings data for all sectors, especially for C&I data and C&D data;
- surveying of hazardous waste facilities as a separate facility type to nonhazardous; and
- further investigation into the status of C&D reuse/recycling facilities and the impact these have on the capacity gap calculation

Annex A

WPA Survey

# A1 QUESTIONNAIRE SENT TO WPAS

# Box 1.1 Survey Update Instructions



#### Introduction

SEERA has commissioned ERM to undertake a regional waste capacity survey for the South East of England.

The data contained in this Excel file has been extracted from information provided by the Environment Agency on licensed waste sites.

Each WPA in the South East of England region has been contacted to check the data contained in the waste site database for their area and, where data held by planning authorities may differ from data held by the Environment Agency, to make amendments accordingly and fill in gaps where possible.

There are also some additional questions on arisings, assumptions and capacity, which we would be very grateful if you could complete.

## **Update Instructions**

- 1. Please check the Waste Site Database for your area, which currently includes Environment Agency data on licensed sites.
- 2. Where gaps are filled and/or information on missing / new sites is added, please track changes or highlight these in another colour so that they can be easily identified.
- 3. All columns, but particularly those headed in red text should be checked and information updated/added where appropriate.
- 4. Please add extra rows at the bottom for those licensed sites that may be missing from the database according to your records, and for sites that are not licensed (e.g. because they have exemptions or other permits/licenses). Sites that currently have planning permission but are not licensed should be included with as much detail as possible.
- 5. Where more than one treatment activity is ongoing at a particular site, please add a row to the database to record information relating to this type of capacity. This is particularly relevant for columns V to AA and applies, for example where a landfill site may also have composting capacity.
- 6. Columns S U require information on permissions and authorisations. Where more than one is held, please give details of both.
- 7. A sheet is provided asking some additional questions relating to assumptions about waste densities and overall estimates of capacity.
- 8. If you have any queries please contact:

Philip Short 0207 465 7205 <a href="mailto:philip:philip:short@erm.com">philip:short@erm.com</a>
Peter Garrett 01865 384856 <a href="mailto:peter.garrett@erm.com">peter.garrett@erm.com</a>

- 9. There is a tab with a guidance note on the types of information that is expected. PLEASE READ THIS and fill in the site information accordingly.
- 10. Please return the updated Excel file by Friday 30th June to the following email address: philip.short@erm.com
- 11. A workshop will be organised prior to the end date for returning the information to go through any problems with the form/ information gathering.



Add	ditional Questions				
Q1	<b>Do you have any standard assumptions which you use v</b> eg. density of waste to convert tonnes to volume (1m3 = 1 to standard assumptions on how much waste is used in landfill	onne or other conversion factor			
	Yes/No	If yes, please provide details	if possible		
Q2	Do you have an estimate of the total landfill capacity in y (i.e. Capacity of sites with planning permission)	our area at the start of 2006	?		
	Yes/No	If yes, please provide details  Non-hazardous		formation provided is in m3 or <b>Hazardous</b>	tonnes
		Non-nazardous	Inert	nazardous	
Q3	Do you have an estimate of the potential further landfill of (i.e. capacity beyond any additional sites you may have added Yes/No	ed to the database)	if possible, stating whether in	formation provided is in m3 or Hazardous	tonnes
Q4	Do you have an estimate of the total treatment capacity in (i.e. Capacity of sites with planning permission)	in your area at the start of 20	006?		
	Yes/No	If yes, please provide details	if possible, stating whether in	formation provided is in m3 or	tonnes
		Non-hazardous	Inert	Hazardous	
Q5	Do you have an estimate of the potential further treatmer (i.e. capacity beyond any additional sites you may have added Yes/No	ed to the database)	if possible, stating whether in	formation provided is in m3 or Hazardous	tonnes
		TOTAL TIME OF THE OWN	11011	Tidadi dodo	

# Figure 1.2 Guidance Note



#### INFORMATION REQUIRED

This questionnaire is designed to provide sets of data from the WPAs that are consistent and that will enable quantative analysis to take place that will be informative and sufficiently accurate to be fit for purpose given the requirements of PPS 10.

#### **Landfill Data**

When providing landfill capacity, total remaining voidspace should be quoted. This should be the remaining void to be filled with waste, including the engineering surcharge to allow for settlement, the amount allowed for engineering works and void taken up by cover and restoration. If this is not the case then it should be stated. Where a landfill contains a stable non-reactive hazardous waste cell, this should be highlighted and the capacity of the cell recorded as a separate entry.

#### Non Landfill Data

These data are ideally provided in one of two forms, with a clear indication of which is quoted. Providing both would be helpful (columns V-Z). These are licensed throughput (or capacity) and permitted throughput taking account of planning constraints. Licensed throughput may give an overestimate of the capacity of the site; it may never be able to manage that amount of waste. Permitted throughput taking account of planning constraints such as hours of operation and vehicle movements etc will provide a more realistic figure for the maximum capacity of the site. Actual throughput may be lower than either figure, and if this is also available, it would be helpful. However, there may be commercial reasons why actual throughput is less than licensed and permitted capacity that should not influence the provision of future waste management infrastructure. If the maximum operational throughput is known to be lower than licensed and permitted capacity - this figure would also be helpful. Where neither of the desired forms are available, EA site banding data will be used to assign a capacity. Any planning conditions that limit capacity should be made clear.

#### **Definitions**

Landfill - the total capacity of the void to be filled in cubic metres (m3), including engineering surcharge and making no allowance for cover or restoration material. Where the void is still to be created under a mineral extraction permission the total void space figure should reflect the anticipated void created.

Non-landfill - the maximum annual operational throughput in tonnes (or litres if liquid waste). If not available the licensed capacity including any conditions where they exist.

#### Site Classification

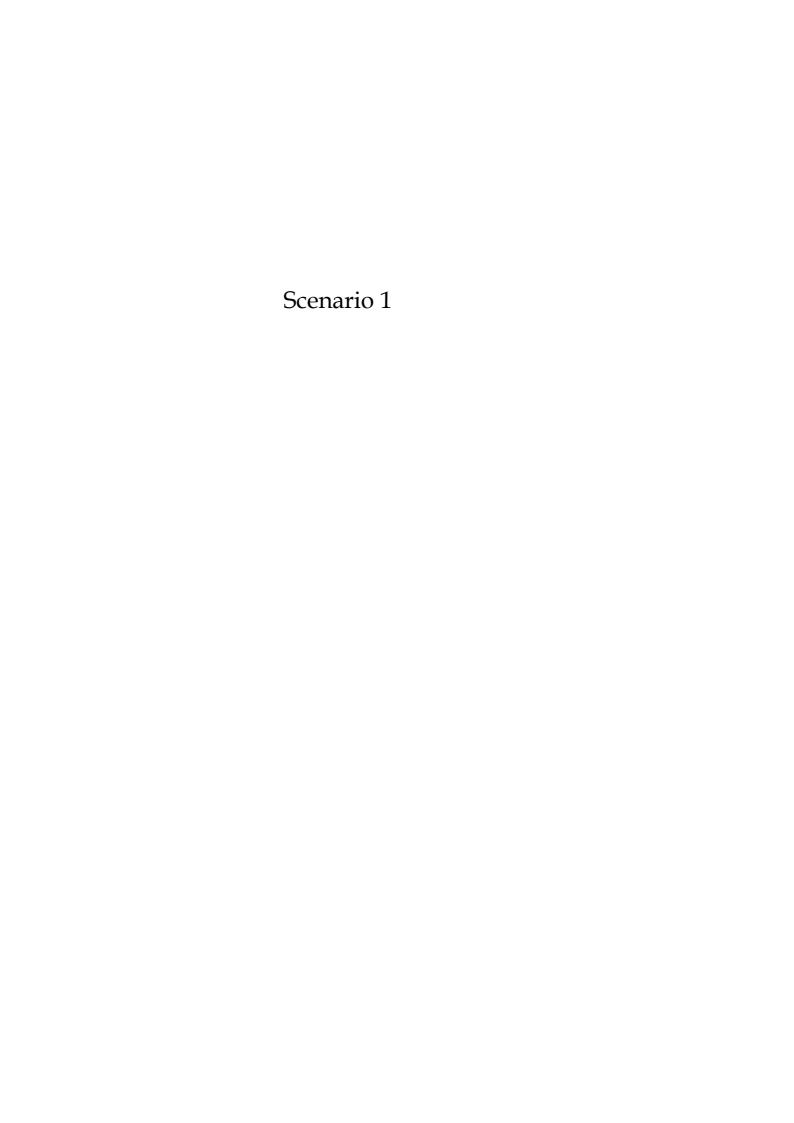
All sites need to be classified in column O with one of the following classifications:

#### List of ERM site classifications

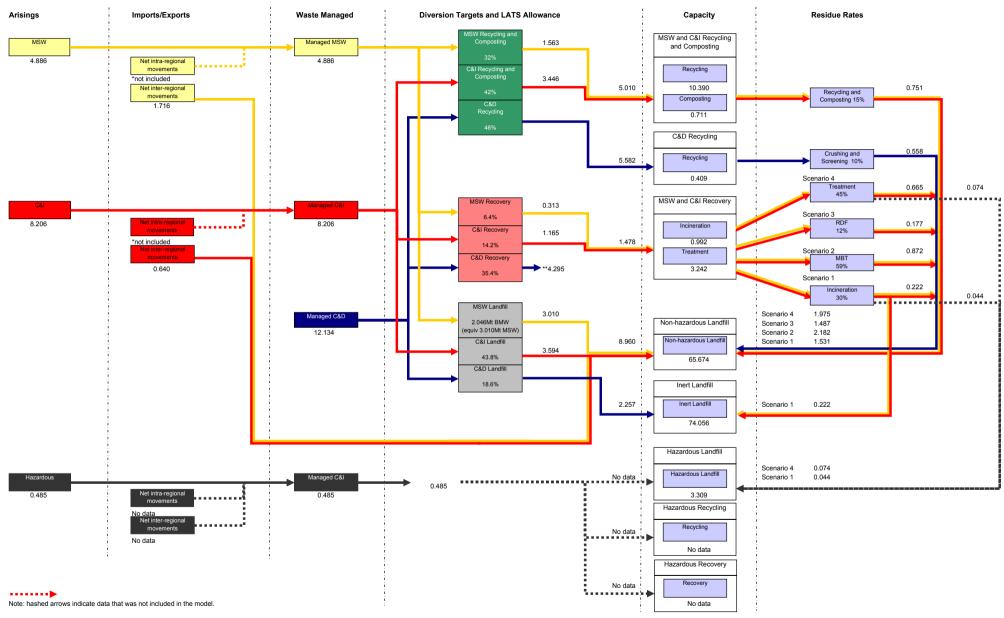
Non Haz Landfill Haz Landfill Inert Landfill Recycling Metal/ELV Facility Treatment Composting Transfer Incineration The form that followed these in the survey had a list of the sites in each area. This was to be updated and have any additional information added by the relevant WPAs.

# Annex B

# Model Scenarios



# SEERA Needs and Capacity Model Structure - Example data for SE Region in 2006



<sup>\*</sup> Intra-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10

<sup>\*\*</sup> It has been assumed in the model that C&D reuse as an engineering material has been accounted for in the landfill capacity figures.

# SUMMARY DATA AND RESULTS FOR SE REGION MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)

			4.886	5.008	5.133	5.261	5.393	5.501	5.611	5.723	5.837	5.954	6.043	6.134	6.226	6.319	6.414	6.510	6.608	6.707	6.808	6.910
	s from london that are sent direct to non-hazardous landfill		0.703	0.685	0.667	0.649	0.631	0.596	0.560	0.525	0.490	0.455	0.436	0.417	0.398	0.379	0.360	0.353	0.346	0.339	0.331	0.324
c&i			8.206	8.411	8.621	8.837	9.058	9.239	9.423	9.612	9.804	10.000	10.150	10.302	10.457	10.614	10.773	10.881	10.990	11.100	11.211	11.323
	from london that are sent direct to non-hazardous landfill		1.011	0.985	0.960	0.934	0.908	0.857	0.806	0.756	0.705	0.654	0.627	0.600	0.573	0.546	0.519	0.506	0.493	0.481	0.468	0.456
c&d			12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134
hazardous			0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
WASTESTR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	LATS shortfall (how much extra is landfilled above LATS target)		-0.180	-0.142	-0.073	0.024	0.151	0.201	0.245	0.283	0.181	0.073	0.061	0.047	0.030	0.012	-0.008	-0.006	-0.004	-0.002	0.000	0.002
	Recycling and composting target		1.563	1.703	1.848 0.472	2.018	2.274 0.682	2.460	2.646	2.832	2.927	3.026 1.453	3.123	3.221	3.320 1.654	3.421	3.528	3.646 1.771	3.767	3.890 1.717	4.017	4.147
	Recovery target		0.313	0.391		0.563		0.843			1.317		1.519	1.586		1.723	1.796		1.745		1.688	
	Non-hazardous landfill		3.010	2.914	2.813	2.680	2.437	2.197	1.954	1.709	1.593	1.475	1.402	1.327	1.252	1.176	1.090	1.094	1.097	1.100	1.103	1.104
&i	Recycling and composting target		3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.360
	Recovery target		1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.151
	Non-hazardous landfill		3.594	3.499	3.397	3.287	3.170	3.049	2.921	2.787	2.647	2.500	2.416	2.328	2.238	2.144	2.047	2.002	1.956	1.909	1.861	1.812
&d	Recycling target		5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	Recovery target		4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Inert landfill		2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
azardous	Hazardous waste		0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
XISTING/PI	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the mu- LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS				ze is recycle	2009	2010	2011	e same ratio	as the reg	2014	2015	ng/composi	and reco	2018	2019	2020	2021	2022	2023	2024	2025
ASW and C8	l recovery		2000	2007	2000	2003	2010	2011	2012	2010	2017	2010	2010	2017	2010	2013	2020	2021	2022	2020	2024	2020
C. Fanu Co	Total existing/planned MSW and C&I recovery capacity		4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234
	Surplus/deficit capacity		2.756	2 632	2.503	2.363	2.193	1.912	1.621	1.321	1.054	0.781	0.665	0.546	0.426	0.303	0.175	0.221	0.269	0.319	0.370	0.423
SW and CR	al recycling and composting		2.700	2.002	2.000	2.000	4.100	1.012	1.021	1.041	1.007	3.701	0.000	0.540	0.720	0.003	0.173	0.221	0.203	0.013	0.070	0.720
orr and Co	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11,101
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009
			6.091	5.698	5.288	4.841	4.299	3.930	3.555	3.175	2.880	2.575	2.294	2.008	1.716	1.419	1.110	0.818	0.521	0.218	-0.090	-0.406
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling) Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		6.091 4.000	5.698 3.606	5.288 3.196	4.841 2.749	4.299 2.207	3.930 1.838	3.555 1.463	3.175 1.083	2.880 0.788	0.483	0.202	-0.084	1.716 -0.376	1.419 -0.673	1.110 -0.982	0.818 -1.274	-1.571	0.218 -1.874	-0.090 -2.182	-0.406
D recyclin			4.000	3.000	3.190	2.149	2.207	1.036	1.403	1.003	U./00	0.400	0.202	-U.U0 <del>4</del>	-0.370	-0.073	-0.902	-1.214	-1.5/1	-1.0/4	-2.102	-2.498
D recyclin			0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
	Total existing/planned C&D recycling capacity		0.409 -5.173	0.409 -5.294	0.409 -5.415	0.409 -5.537	0.409 -5.658	0.409 -5.658	0.409 -5.658	0.409 -5.658	0.409 -5.658	0.409 -5.658	0.409 -5.901	0.409 -6.143	0.409 -6.386	0.409 -6.629	0.409 -6.871	0.409 -6.871	0.409 -6.871	0.409 -6.871	0.409 -6.871	0.409 -6.871
D	Surplus/deficit capacity		-5.1/3	-5.294	-5.415	-5.537	-5.658	-5.658	-5.658	-5.658	-5.658	-5.658	-5.901	-6.143	-6.386	-6.629	-6.871	-6.8/1	-6.8/1	-6.8/1	-6.8/1	-6.871
D recover																						
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
	Surplus/deficit capacity		-2.502	-2.512	-2.523	-2.533	-2.544	-2.638	-2.731	-2.825	-2.919	-3.012	-2.849	-2.687	-2.524	-2.361	-2.198	-2.226	-2.253	-2.281	-2.309	-2.336
ardous w	aste recycling																					
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
zardous w	aste recovery																					
	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
n-hazardo	us landfill																					
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)	,	65.674	56.047	46.582	37.292	28.209	19.436	11.055	3.074	-4.499	-11.774	-18.743	-25.576	-32.268	-38.816	-45.217	-51.460	-57.686	-63.893	-70.082	-76.251
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		65.618	55 769	46.064	36.514	27.150	18.071	9 342	0.969			-22 280		-36.893	-44 012	-51.003	-57.855	-64 682		-78.260	-85.009
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		65.453	54.953	44 544	34.232	24.045	14.068	4.318	-5.205		-23.647	-32.653		-50.459	-59.254	-67.974	-76.612	-85.205			-110 698
			65.629	55.824	46.168	36.670	27.362	18.344	9.685	1.390					-35.968	-42.973	-49.846	-56.576	-63.283	-69.966		-83 258
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		65.505	55.024	45.027	34.958	25.033	15.344	5.005	-3.240		-20.829	-29.353	-37.791	-46 142	-54 404	-62 574	-70.644	-78.675	-86.666	-94 616 ·	
	Available non-nazardous landfill capacity assuming all MSW and C&I recovery by treatment		65.505	55.213	45.027	34.958	25.033	15.342	5.916	-3.240	-12.123	-20.829	-29.353	-37.791	-46.142	-54.404	-62.574	-70.644	-/8.6/5	-86.666	-94.616	-102.524
rt landfill	. His and the second of the se																					
	Available inert landfill capacity (excluding residues from MSW and C&I recovery)			71.799	69.591	67.431	65.320	63.257	61.267	59.350		55.734	54.035	52.385	50.783	49.230	47.726	46.270	44.862	43.503	42.193	40.931
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		74.000	71.521	69.072	66.653	64.261	61.892	59.554	57.245	54.964	52.715	50.499	48.313							34.015	32,173
					09.072	00.000				07.210	34.304				46.159	44.034	41.940	39.875	37.866	35.912		
zardous la																						
zardous la	Available hazardous landfill capacity	3	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085			3.3085	3.3085	3.3085	3.3085	3.3085	39.875 3.3085	37.866	35.912	3.3085	3.3085
zardous la		;	3.3085	3.3085			3.3085	3.3085													3.3085	
	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.				3.3085	3.3085			3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085		3.3085
	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	3.3085 2006	3.3085			3.3085	3.3085 2011													3.3085	
TA_01: A	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year	2005	2006	2007	3.3085	3.3085	2010	2011	3.3085 2012	3.3085 2013	3.3085	3.3085	3.3085 2016	3.3085 2017	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	2024	3.3085
TA_01: A	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005			3.3085	3.3085			3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085		3.3085
.TA_01: A	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)	2005	2006	2007	3.3085	3.3085	2010	2011	3.3085 2012	3.3085 2013	3.3085	3.3085	3.3085 2016	3.3085 2017	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	2024	3.3085
.TA_01: A w (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	2005	2006	2007	3.3085	3.3085	2010	2011	3.3085 2012	3.3085 2013	3.3085	3.3085	3.3085 2016	3.3085 2017	3.3085	3.3085	3.3085	3.3085	3.3085	3.3085	2024	3.3085 2025 1.5%
.TA_01: A w (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	2005 3.0% 4.766	2006 2.5% 4.886	2007 2.5% 5.008	3.3085 2008 2.5% 5.133	3.3085 2009 2.5% 5.261	2010 2.5% 5.393	2011 2.0% 5.501	3.3085 2012 2.0% 5.611	3.3085 2013 2.0% 5.723	3.3085 2014 2.0% 5.837	3.3085 2015 2.0% 5.954	3.3085 2016 1.5% 6.043	3.3085 2017 1.5% 6.134	3.3085 2018 1.5% 6.226	3.3085 2019 1.5% 6.319	3.3085 2020 1.5% 6.414	3.3085 2021 1.5% 6.510	3.3085 2022 1.5% 6.608	3.3085 2023 1.5% 6.707	2024 1.5% 6.808	3.3085 2025 1.5% 6.910
TA_01: A w (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - pryear (%)	2005 3.0% 4.766	2006	2007	3.3085 2008 2.5%	3.3085 2009 2.5%	2010	2011	3.3085 2012 2.0%	3.3085 2013 2.0%	3.3085 2014 2.0%	3.3085 2015 2.0%	3.3085 2016 1.5%	3.3085 2017 1.5%	3.3085 2018 1.5%	3.3085 2019 1.5%	3.3085 2020 1.5%	3.3085 2021 1.5%	3.3085 2022 1.5%	3.3085 2023 1.5%	2024	3.3085
TA_01: A w (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth rate of MSW - per year (%)	2005 3.0% 4.766 2.0%	2006 2.5% 4.886 2.0%	2007 2.5% 5.008 2.0%	3.3085 2008 2.5% 5.133 2.0%	3.3085 2009 2.5% 5.261 2.0%	2010 2.5% 5.393 2.0%	2011 2.0% 5.501 2.0%	3.3085 2012 2.0% 5.611 2.0%	3.3085 2013 2.0% 5.723 2.0%	3.3085 2014 2.0% 5.837 2.0%	3.3085 2015 2.0% 5.954 2.0%	3.3085 2016 1.5% 6.043 1.5%	3.3085 2017 1.5% 6.134 1.5%	3.3085 2018 1.5% 6.226 1.5%	3.3085 2019 1.5% 6.319 1.5%	3.3085 2020 1.5% 6.414 1.5%	3.3085 2021 1.5% 6.510 1.5%	3.3085 2022 1.5% 6.608 1.5%	3.3085 2023 1.5% 6.707 1.5%	2024 1.5% 6.808 1.5%	3.3085 2025 1.5% 6.910
.TA_01: A w (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year (%) Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth rotecasts  Total arisings of MSW using sub-regional growth rotecasts	2005 3.0% 4.766 2.0%	2006 2.5% 4.886	2007 2.5% 5.008	3.3085 2008 2.5% 5.133	3.3085 2009 2.5% 5.261	2010 2.5% 5.393	2011 2.0% 5.501	3.3085 2012 2.0% 5.611	3.3085 2013 2.0% 5.723	3.3085 2014 2.0% 5.837	3.3085 2015 2.0% 5.954	3.3085 2016 1.5% 6.043	3.3085 2017 1.5% 6.134	3.3085 2018 1.5% 6.226	3.3085 2019 1.5% 6.319	3.3085 2020 1.5% 6.414	3.3085 2021 1.5% 6.510	3.3085 2022 1.5% 6.608	3.3085 2023 1.5% 6.707	2024 1.5% 6.808	3.3085 2025 1.5% 6.910
.TA_01: A w (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year	2005 3.0% 4.766 2.0% 4.747	2006 2.5% 4.886 2.0% 4.862	2007 2.5% 5.008 2.0% 4.976	3.3085 2008 2.5% 5.133 2.0% 5.088	3.3085 2009 2.5% 5.261 2.0% 5.202	2010 2.5% 5.393 2.0% 5.312	2011 2.0% 5.501 2.0% 5.409	3.3085 2012 2.0% 5.611 2.0% 5.499	3.3085 2013 2.0% 5.723 2.0% 5.591	3.3085 2014 2.0% 5.837 2.0% 5.685	3.3085 2015 2.0% 5.954 2.0% 5.779	3.3085 2016 1.5% 6.043 1.5% 5.857	3.3085 2017 1.5% 6.134 1.5% 5.935	3.3085 2018 1.5% 6.226 1.5% 6.015	3.3085 2019 1.5% 6.319 1.5% 6.085	3.3085 2020 1.5% 6.414 1.5% 6.162	3.3085 2021 1.5% 6.510 1.5% 6.240	3.3085 2022 1.5% 6.608 1.5% 6.320	3.3085 2023 1.5% 6.707 1.5% 6.400	2024 1.5% 6.808 1.5% 6.482	3.3085 2025 1.5% 6.910 1.5% 6.565
TA_01: Al w (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using usb-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)	2005 3.0% 4.766 2.0% 4.747	2006 2.5% 4.886 2.0%	2007 2.5% 5.008 2.0%	3.3085 2008 2.5% 5.133 2.0%	3.3085 2009 2.5% 5.261 2.0%	2010 2.5% 5.393 2.0%	2011 2.0% 5.501 2.0%	3.3085 2012 2.0% 5.611 2.0%	3.3085 2013 2.0% 5.723 2.0%	3.3085 2014 2.0% 5.837 2.0%	3.3085 2015 2.0% 5.954 2.0%	3.3085 2016 1.5% 6.043 1.5%	3.3085 2017 1.5% 6.134 1.5%	3.3085 2018 1.5% 6.226 1.5%	3.3085 2019 1.5% 6.319 1.5%	3.3085 2020 1.5% 6.414 1.5%	3.3085 2021 1.5% 6.510 1.5%	3.3085 2022 1.5% 6.608 1.5%	3.3085 2023 1.5% 6.707 1.5%	2024 1.5% 6.808 1.5%	3.3085 2025 1.5% 6.910
TA_01: A  w (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%)	2005 3.0% 4.766 2.0% 4.747 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0%	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0%
TA_01: A w (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth rote of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - year (%)  Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0%
TA_01: A W (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	2005 3.0% 4.766 2.0% 4.747 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0%	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0%
TA_01: A W (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%)	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0%	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5%	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323
TA_01: A(w) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth frace of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using ub-veryelonial growth forecasts	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0%
TA_01: A  (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - armulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0% 10.464	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 10.636
TA_01: A  (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth orecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using usbridge for the regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast growth rate of Power P	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0%	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5%	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323
TA_01: A\( \) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - armulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0% 10.464	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 10.636
TA_01: A\ v (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth orecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using usbridge for the regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast growth rate of Power P	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0% 10.464	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0%	3.3088 2028 1.5% 6.910 1.5% 6.568 1.0% 11.323 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - ye year (%) Forecast sub-regional growth rate of MSW - ye year (%) Forecast sub-regional growth rate of MSW - government of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste robaseline year Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste robaseline year	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5% 0.485	2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118 2.0% 0.557	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5% 0.609	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0% 10.297 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 10.380 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 10.464 1.0% 0.656	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550	3.3086 2026 1.5% 6.910 1.5% 6.568 1.0% 11.323 1.0% 10.636
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%)	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903 3.3% 0.473	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5% 0.497	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5% 0.510	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5% 0.522	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5% 0.535	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0% 0.546	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0% 0.568	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0% 0.579	3.3085  2015  2.0%  5.954  2.0%  5.779  2.0%  10.000  2.0%  9.598  2.0%  0.591	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5% 0.600	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5%	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5% 0.618	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5% 0.627	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.214 1.5% 0.637	3.3085  2021  1.5%  6.510  1.5%  6.240  1.0%  10.881  1.0%  10.297  1.0%  0.643	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 10.380 1.0% 0.650	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550 1.0% 0.663	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 10.636
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth processts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903 3.3% 0.473 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5% 0.485 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5% 0.497 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5% 0.510 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5% 0.522 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5% 0.535 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0% 0.546 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118 2.0% 0.557 2.0%	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0% 0.568 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0% 0.579 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598 2.0% 0.591 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5% 0.600 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5% 0.609 1.5%	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5% 0.618 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5% 0.627 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214 1.5% 0.637 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0% 10.297 1.0% 0.643 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 10.380 1.0% 0.650 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0% 10.464 1.0% 0.656 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 10.636 1.0% 0.666
TA 01: A w (1) (1) (1) (1) (1) (1) (1) (2) (2) (2)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Forecast steplenol al evel growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903 3.3% 0.473 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5% 0.485	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5% 0.497	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5% 0.510	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5% 0.522	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5% 0.535	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0% 0.546	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118 2.0% 0.557	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0% 0.568	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0% 0.579	3.3085  2015  2.0%  5.954  2.0%  5.779  2.0%  10.000  2.0%  9.598  2.0%  0.591	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5% 0.600	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5% 0.609	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5% 0.618	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5% 0.627	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.214 1.5% 0.637	3.3085  2021  1.5%  6.510  1.5%  6.240  1.0%  10.881  1.0%  10.297  1.0%  0.643	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 10.380 1.0% 0.650	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 10.464 1.0% 0.656	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550 1.0% 0.663	3.3086 2026 1.5% 6.910 1.5% 6.568 1.0% 11.323 1.0% 10.636
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth part of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - unutative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903 3.3% 0.473 3.3% 0.473	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5% 0.485 2.5% 0.481	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5% 0.497 2.5% 0.493	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5% 0.510 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5% 0.522 2.5% 0.516	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5% 0.535 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0% 0.546 2.0% 0.537	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118 2.0% 0.557 2.0% 0.547	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0% 0.568 2.0% 0.557	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0% 0.579 2.0% 0.567	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598 2.0% 0.591 2.0% 0.578	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5% 0.600 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5% 0.609 1.5% 0.594	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5% 0.618 1.5% 0.602	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5% 0.627 1.5% 0.610	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214 1.5% 0.637 1.5% 0.618	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0% 10.297 1.0% 0.643 1.0% 0.624	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 0.650 1.0% 0.629	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 1.00 1.0464 1.0% 0.6566 1.0% 0.635	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550 1.0% 0.663 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 0.6636 1.0% 0.6665 0.667
ATA 01: A  W (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional growth rate of MSW - year year (%) Forecast sub-regional growth rate of MSW - work of MSW - work of MSW wishing sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using very explorate growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total arisings of hazardous waste Forecast regional-level growth rate of hazardous waste Forecast regional-level growth rate of hazardous waste Forecast regional-level growth rate of hazardous waste	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903 3.3% 0.473 3.3%	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5% 0.485 2.5%	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5% 0.497 2.5%	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5% 0.510 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5% 0.522 2.5%	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5% 0.535 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0% 0.546 2.0%	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118 2.0% 0.557 2.0%	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0% 0.568 2.0%	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0% 0.579 2.0%	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598 2.0% 0.591 2.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5% 0.600 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5% 0.609 1.5%	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5% 0.618 1.5%	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5% 0.627 1.5%	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214 1.5% 0.637 1.5%	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0% 10.297 1.0% 0.643 1.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 10.380 1.0% 0.650 1.0%	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0% 10.464 1.0% 0.656 1.0%	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 10.636 1.0% 0.666
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth processts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of h	2005 3.0% 4.766 2.0% 4.747 3.3% 8.006 3.3% 7.903 3.3% 0.473 3.3% 0.473	2006 2.5% 4.886 2.0% 4.862 2.5% 8.206 2.5% 8.080 2.5% 0.485 2.5% 0.481	2007 2.5% 5.008 2.0% 4.976 2.5% 8.411 2.5% 8.256 2.5% 0.497 2.5% 0.493	3.3085 2008 2.5% 5.133 2.0% 5.088 2.5% 8.621 2.5% 8.437 2.5% 0.510 2.5%	3.3085 2009 2.5% 5.261 2.0% 5.202 2.5% 8.837 2.5% 8.622 2.5% 0.522 2.5% 0.516	2010 2.5% 5.393 2.0% 5.312 2.5% 9.058 2.5% 8.806 2.5% 0.535 2.5%	2011 2.0% 5.501 2.0% 5.409 2.0% 9.239 2.0% 8.961 2.0% 0.546 2.0% 0.537	3.3085 2012 2.0% 5.611 2.0% 5.499 2.0% 9.423 2.0% 9.118 2.0% 0.557 2.0% 0.547	3.3085 2013 2.0% 5.723 2.0% 5.591 2.0% 9.612 2.0% 9.279 2.0% 0.568 2.0% 0.557	3.3085 2014 2.0% 5.837 2.0% 5.685 2.0% 9.804 2.0% 9.443 2.0% 0.579 2.0% 0.567	3.3085 2015 2.0% 5.954 2.0% 5.779 2.0% 10.000 2.0% 9.598 2.0% 0.591 2.0% 0.578 0.0%	3.3085 2016 1.5% 6.043 1.5% 5.857 1.5% 10.150 1.5% 9.719 1.5% 0.600 1.5%	3.3085 2017 1.5% 6.134 1.5% 5.935 1.5% 10.302 1.5% 9.842 1.5% 0.609 1.5% 0.594	3.3085 2018 1.5% 6.226 1.5% 6.015 1.5% 10.457 1.5% 9.967 1.5% 0.618 1.5% 0.602	3.3085 2019 1.5% 6.319 1.5% 6.085 1.5% 10.614 1.5% 10.093 1.5% 0.627 1.5% 0.610	3.3085 2020 1.5% 6.414 1.5% 6.162 1.5% 10.773 1.5% 10.214 1.5% 0.637 1.5% 0.618	3.3085 2021 1.5% 6.510 1.5% 6.240 1.0% 10.881 1.0% 10.297 1.0% 0.643 1.0% 0.624 0.0%	3.3085 2022 1.5% 6.608 1.5% 6.320 1.0% 10.990 1.0% 0.650 1.0% 0.629	3.3085 2023 1.5% 6.707 1.5% 6.400 1.0% 11.100 1.0% 10.464 1.0% 0.656 1.0% 0.635	2024 1.5% 6.808 1.5% 6.482 1.0% 11.211 1.0% 10.550 1.0% 0.663 1.0%	3.3085 2025 1.5% 6.910 1.5% 6.565 1.0% 11.323 1.0% 0.6636 1.0% 0.6665 0.667

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the orginal MEL study and updated modeted by ERM in 2005.
NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

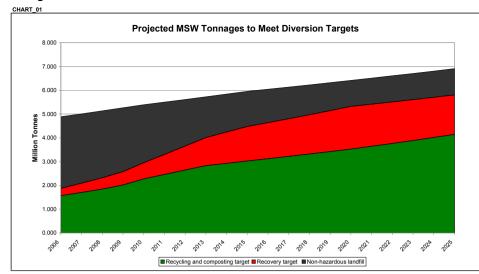
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	1.760	1.716	1.672	1.628	1.584	1.540	1.454	1.368	1.282	1.196	1.110	1.064	1.018	0.972	0.926	0.880	0.860	0.840	0.820	0.800	0.780
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%	38%	38%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.657	0.640	0.624	0.608	0.591	0.575	0.543	0.511	0.478	0.446	0.414	0.397	0.380	0.363	0.346	0.328	0.322	0.315	0.309	0.302	0.296
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.660	0.645	0.629	0.612	0.596	0.579	0.547	0.515	0.482	0.449	0.417	0.400	0.383	0.366	0.348	0.331	0.325	0.318	0.311	0.304	0.298
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%	62%	62%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	1.103	1.076	1.048	1.020	0.993	0.965	0.911	0.857	0.804	0.750	0.696	0.667	0.638	0.609	0.580	0.552	0.538	0.525	0.511	0.498	0.484
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	1.100	1.071	1.043	1.016	0.988	0.961	0.907	0.853	0.800	0.747	0.693	0.664	0.635	0.606	0.578	0.549	0.535	0.522	0.509	0.496	0.482

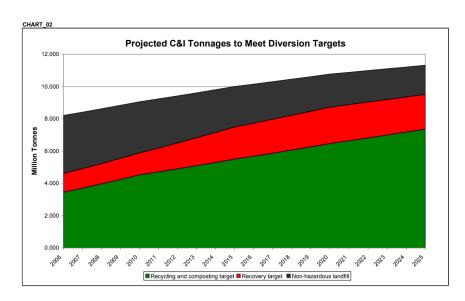
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloadable from www.southeast-ra.gov.uk/southeast-ra.

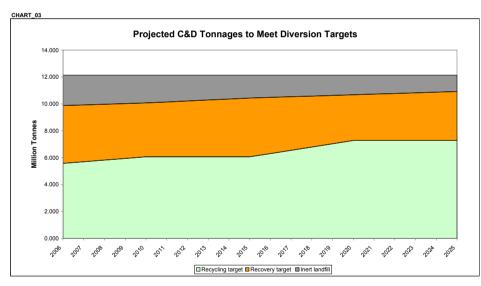
DATA_03: N	IANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		4.766	4.886	5.008	5.133	5.261	5.393	5.501	5.611	5.723	5.837	5.954	6.043	6.134	6.226	6.319	6.414	6.510	6.608	6.707	6.808	6.910
msw - impor	s from london that are sent direct to non-hazardous landfill	0.721	0.703	0.685	0.667	0.649	0.631	0.596	0.560	0.525	0.490	0.455	0.436	0.417	0.398	0.379	0.360	0.353	0.346	0.339	0.331	0.324
c&i		8.006	8.206	8.411	8.621	8.837	9.058	9.239	9.423	9.612	9.804	10.000	10.150	10.302	10.457	10.614	10.773	10.881	10.990	11.100	11.211	11.323
c&I - imports	from london that are sent direct to non-hazardous landfill	1.037	1.011	0.985	0.960	0.934	0.908	0.857	0.806	0.756	0.705	0.654	0.627	0.600	0.573	0.546	0.519	0.506	0.493	0.481	0.468	0.456
c&d		12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134
hazardous		0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
DATA_04: T	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (	) landfill (Mt)	2.295	2.226	2.123	1.986	1.815	1.609	1.430	1.251	1.072	1.026	0.980	0.934	0.888	0.842	0.796	0.750	0.750	0.750	0.750	0.750	0.750
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
(1	) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: V	/ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

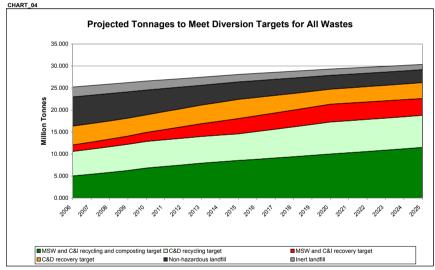
DATA\_02 calculates if there is a LATS shortfall or surplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and recovered at the same ratio as the regional targets for recycling/composting and recovery for that year. If there is a LATS surplus (if more can be

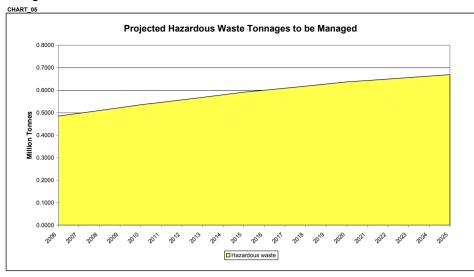
	landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and recovered at the same ratio as the regional targets for recycling/composting and recovery for that year. If there is a LATS surplus (ie more can be landfilled than is needed to meet regional diversion targets) then the model assumes that regional diversion targets are met (ie less waste is landfilled than LATS will allow). 'Red italic' text indicates where there is a shortfall.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	1.668	1.876	2.093	2.320	2.557	2.804	3.102	3.411	3.731	4.063	4.406	4.581	4.760	4.943	5.131	5.324	5.417	5.511	5.607	5.705	5.804
	Total MSW not-diverted by targets	3.098	3.010	2.914	2.813	2.704	2.589	2.398	2.199	1.992	1.775	1.548	1.462	1.374	1.283	1.188	1.090	1.094	1.097	1.100	1.103	1.106
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	2.107	2.046	1.982	1.913	1.839	1.760	1.631	1.496	1.354	1.207	1.053	0.994	0.934	0.872	0.808	0.741	0.744	0.746	0.748	0.750	0.752
	LATS shortfall (how much extra is landfilled above LATS target)	-0.188	-0.180	-0.142	-0.073	0.024	0.151	0.201	0.245	0.283	0.181	0.073	0.061	0.047	0.030	0.012	-0.008	-0.006	-0.004	-0.002	0.000	0.002
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.005	0.035	0.051	0.068	0.083	0.056	0.024	0.020	0.015	0.010	0.004	0.000	0.000	0.000	0.000	0.000	0.001
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.019	0.116	0.150	0.177	0.199	0.125	0.049	0.041	0.031	0.020	0.008	0.000	0.000	0.000	0.000	0.000	0.001
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	1.430	1.563	1.703	1.848	2.018	2.274	2.460	2.646	2.832	2.927	3.026	3.123	3.221	3.320	3.421	3.528	3.646	3.767	3.890	4.017	4.147
	Recovery target	0.238	0.313	0.391	0.472	0.563	0.682	0.843	1.010	1.182	1.317	1.453	1.519	1.586	1.654	1.723	1.796	1.771	1.745	1.717	1.688	1.659
	Non-hazardous landfill	3.098	3.010	2.914	2.813	2.680	2.437	2.197	1.954	1.709	1.593	1.475	1.402	1.327	1.252	1.176	1.090	1.094	1.097	1.100	1.103	1.104
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	3.202	3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.360
	Recovery target	1.121	1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.151
	Non-hazardous landfill	3.683	3.594	3.499	3.397	3.287	3.170	3.049	2.921	2.787	2.647	2.500	2.416	2.328	2.238	2.144	2.047	2.002	1.956	1.909	1.861	1.812
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	Recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	4.632	5.010	5.403	5.814	6.260	6.802	7.172	7.546	7.926	8.221	8.526	8.807	9.093	9.385	9.683	9.992	10.283	10.580	10.883	11.191	11.507
	C&D recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	MSW and C&I recovery target	1.359	1.478	1.602	1.731	1.871	2.041	2.322	2.612	2.912	3.180	3.453	3.569	3.687	3.808	3.931	4.058	4.012	3.964	3.915	3.863	3.810
	C&D recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Non-hazardous landfill	6.781	6.604	6.413	6.210	5.967	5.607	5.246	4.876	4.496	4.241	3.975	3.817	3.656	3.490	3.320	3.137	3.096	3.053	3.009	2.964	2.915
	Inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
	Hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669







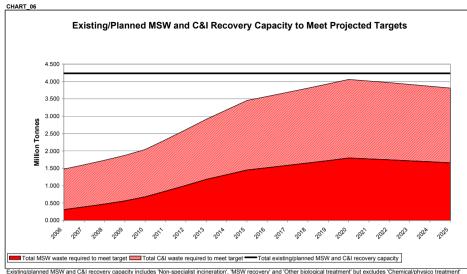




	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
MSW and C&I treatment	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242	3.242
Total existing/planned MSW and C&I recovery capacity	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234	4.234
Total MSW waste required to meet target	0.238	0.313	0.391	0.472	0.563	0.682	0.843	1.010	1.182	1.317	1.453	1.519	1.586	1.654	1.723	1.796	1.771	1.745	1.717	1.688	1.659
Total C&I waste required to meet target	1.121	1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.151
Surplus/deficit capacity	2.875	2.756	2.632	2.503	2.363	2.193	1.912	1.621	1.321	1.054	0.781	0.665	0.546	0.426	0.303	0.175	0.221	0.269	0.319	0.370	0.423
MSW and C&I recycling and composting																					
MSW and C&I recycling	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601	7.601
MSW and C&I transfer	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946	13.946
Total existing/planned composting capacity	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101	11.101
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009	9.009
Total MSW waste required to meet recycling and composting target	1.430	1.563	1.703	1.848	2.018	2.274	2.460	2.646	2.832	2.927	3.026	3.123	3.221	3.320	3.421	3.528	3.646	3.767	3.890	4.017	4.147
Total C&I waste required to meet recycling and composting target	3.202	3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.360
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	6.469	6.091	5.698	5.288	4.841	4.299	3.930	3.555	3.175	2.880	2.575	2.294	2.008	1.716	1.419	1.110	0.818	0.521	0.218	-0.090	-0.406
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	4.377	4.000	3.606	3.196	2.749	2.207	1.838	1.463	1.083	0.788	0.483	0.202	-0.084	-0.376	-0.673	-0.982	-1.274	-1.571	-1.874	-2.182	-2.498
C&D recycling																					
Total existing/planned C&D recycling capacity	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409
Total waste required to meet C&D recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
Surplus/deficit capacity	-5.051	-5.173	-5.294	-5.415	-5.537	-5.658	-5.658	-5.658	-5.658	-5.658	-5.658	-5.901	-6.143	-6.386	-6.629	-6.871	-6.871	-6.871	-6.871	-6.871	-6.871
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
Surplus/deficit capacity	-2.491	-2.502	-2.512	-2.523	-2.533	-2.544	-2.638	-2.731	-2.825	-2.919	-3.012	-2.849	-2.687	-2.524	-2.361	-2.198	-2.226	-2.253	-2.281	-2.309	-2.336
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		65.674	56.047	46.582	37.292	28.209	19.436	11.055	3.074	-4.499	-11.774	-18.743	-25.576	-32.268	-38.816	-45.217	-51.460	-57.686	-63.893	-70.082	-76.251
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		65.618	55.769	46.064	36.514	27.150	18.071	9.342	0.969	-7.040	-14.792	-22.280	-29.648	-36.893	-44.012	-51.003	-57.855	-64.682	-71.484	-78.260	-85.009
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		65.453	54.953	44.544	34.232	24.045	14.068	4.318	-5.205	-14.495	-23.647	-32.653	-41.592	-50.459	-59.254	-67.974	-76.612	-85.205	-93.751	102.249	-110.698
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		65.629	55.824	46.168	36.670	27.362	18.344	9.685	1.390	-6.532	-14.189	-21.573	-28.833	-35.968	-42.973	-49.846	-56.576	-63.283	-69.966	-76.624	-83.258
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		65.505	55.213	45.027	34.958	25.033	15.342	5.916	-3.240	-12.123	-20.829	-29.353	-37.791	-46.142	-54.404	-62.574	-70.644	-78.675	-86.666	-94.616	-102.524
Total MSW and C&I waste sent direct to non-hazardous landfill		6.604	6.413	6.210	5.967	5.607	5.246	4.876	4.496	4.241	3.975	3.817	3.656	3.490	3.320	3.137	3.096	3.053	3.009	2.964	2.915
Inert landfill																					
Available inert landfill capacity (excluding residues from MSW and C&I recovery)		74.056	71.799	69.591	67.431	65.320	63.257	61.267	59.350	57.506	55.734	54.035	52.385	50.783	49.230	47.726	46.270	44.862	43.503	42.193	40.931
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		74.000	71.521	69.072	66.653	64.261	61.892	59.554	57.245	54.964	52.715	50.499	48.313	46.159	44.034	41.940	39.875	37.866	35.912	34.015	32.173
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
Hazardous landfill																					
Available hazardous landfill capacity		3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309
Total hazardous waste sent direct to hazardous landfill	1	1/A	VA N	I/A N	I/A N	I/A N	/A N	I/A N	I/A N	VA N	/A N	/A N	I/A N	/A N	/A N	/A N	/A N	I/A N	/A N	/A N	/A
Other																					
Metal/ELV facility	4.117	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118	4.118
Ignored	8.142	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168	7.168
Closed	1.807	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804	1.804
													-								

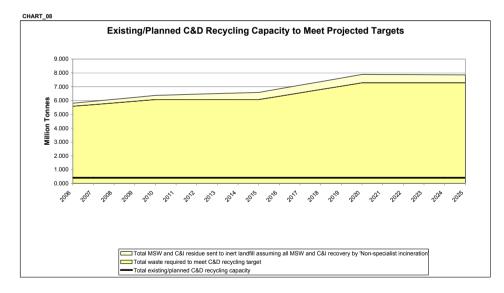
<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

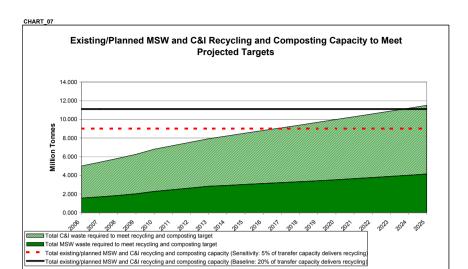
DATA 08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)																					
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59
MSW and C&I to MDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)	15	15	15	15	45	45	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I recycling MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15 15	15	15	15	15	15	15	15 15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																					10
Metal/ELV facility	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A
Closed	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complain										1071	1071	1071		1071		1671			1471		
					0000	0040	0044	0040	0040	2011	0045	0040	0047	0040	0040	0000	0004	0000	0000	2004	0005
DATA_09: TOTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I incineration (non-specialist) - bottom ash	0.408	0.443	0.481	0.519	0.561	0.612	0.696	0.784	0.874	0.954	1.036	1.071	1.106	1.142	1.179	1.217	1.204	1.189	1.174	1.159	1.143
MSW and C&I incineration (non-specialist) - fly ash	0.041	0.044	0.048	0.052	0.056	0.061	0.070	0.078	0.087	0.095	0.104	0.107	0.111	0.114	0.118	0.122	0.120	0.119	0.117	0.116	0.114
MSW and C&I to MBT	0.802	0.872	0.945	1.021	1.104	1.204	1.370	1.541	1.718	1.876	2.037	2.106	2.176	2.247	2.319	2.394	2.367	2.339	2.310	2.279	2.248
MSW and C&I to RDF	0.163	0.177	0.192	0.208	0.224	0.245	0.279	0.313	0.349	0.382	0.414	0.428	0.442	0.457	0.472	0.487	0.481	0.476	0.470	0.464	0.457
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	0.612	0.665	0.721	0.779 0.087	0.842	0.918 0.102	1.045 0.116	1.176 0.131	1.310 0.146	1.431 0.159	1.554 0.173	1.606 0.178	1.659 0.184	1.714 0.190	1.769 0.197	1.826 0.203	1.806 0.201	1.784 0.198	1.762 0.196	1.738	1.715 0.191
Hazardous waste recovery		V/A N																			
Recycling residues (of waste managed):		18	IN	18/	18/	190	18//	IN	190		19/		190	19//	1	IN	190	110	19//	. 19//	
MSW and C&I recycling and composting	0.695	0.751	0.811	0.872	0.939	1.020	1.076	1.132	1.189	1.233	1.279	1.321	1.364	1.408	1.452	1.499	1.542	1.587	1.632	1.679	1.726
C&D recycling	0.546	0.558	0.570	0.582	0.595	0.607	0.607	0.607	0.607	0.607	0.607	0.631	0.655	0.679	0.704	0.728	0.728	0.728	0.728	0.728	0.728
Hazardous waste recycling	N/A I	N/A N	/A N	/A N/	A N/	A N	A N/	A N	/A N/	A N/.	A N/.	A N/	A N	A N/.	A N	/A N	/A N/	A N	/A N//	A N/	Α
Hazardous waste recycling N/A																					
ATA_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)																					
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	1.241	1.310	1.381	1.454	1.534	1.627	1.682	1.739	1.796	1.840	1.886	1.952	2.019	2.087	2.156	2.227	2.270	2.315	2.360	2.407	2.454
DATA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (	Million Tonnes)																				
DATA_III TO TAE MOIT ALL DOLL TO MOIT TO TOOL THE ALL DOLL THE ALL DOL		0000			2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	2005	2006	2007	2008	2009	2010									2019						
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinera	ation' 0.204	0.222	0.240	0.260	0.281	0.306	0.348	0.392	0.437	0.477	0.518	0.535	0.553	0.571	0.590	0.609	0.602	0.595	0.587	0.579	0.572
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinera (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'																					0.572 0.572
(1) Total MSW and C&I residue sent to non-hazardous landfill assuring all MSW and C&I recovery by 'Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	o.204 0.204	0.222 0.222	0.240 0.240	0.260 0.260	0.281 0.281	0.306 0.306	0.348 0.348	0.392 0.392	0.437 0.437	0.477 0.477	0.518 0.518	0.535 0.535	0.553 0.553	0.571 0.571	0.590 0.590	0.609 0.609	0.602 0.602	0.595 0.595	0.587 0.587	0.579 0.579	0.572
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	ation' 0.204	0.222	0.240	0.260	0.281	0.306	0.348	0.392	0.437	0.477	0.518	0.535	0.553	0.571	0.590	0.609	0.602	0.595	0.587	0.579	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuring all MSW and C&I recovery by 'Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	o.204 0.204	0.222 0.222	0.240 0.240	0.260 0.260	0.281 0.281	0.306 0.306	0.348 0.348	0.392 0.392	0.437 0.437	0.477 0.477	0.518 0.518	0.535 0.535	0.553 0.553	0.571 0.571	0.590 0.590	0.609 0.609	0.602 0.602	0.595 0.595	0.587 0.587	0.579 0.579	0.572
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity)	0.204 0.204 0.802 0.163	0.222 0.222 0.872 0.177	0.240 0.240 0.945 0.192	0.260 0.260 1.021 0.208	0.281 0.281 1.104 0.224	0.306 0.306 1.204 0.245	0.348 0.348 1.370 0.279	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382	0.518 0.518 2.037 0.414	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.204 0.204 0.802	0.222 0.222 0.872	0.240 0.240 0.945	0.260 0.260 1.021	0.281 0.281 1.104	0.306 0.306 1.204	0.348 0.348 1.370	0.392 0.392 1.541	0.437 0.437 1.718	0.477 0.477 1.876	0.518 0.518 2.037	0.535 0.535 2.106	0.553 0.553 2.176	0.571 0.571 2.247	0.590 0.590 2.319	0.609 0.609 2.394	0.602 0.602 2.367	0.595 0.595 2.339	0.587 0.587 2.310	0.579 0.579 2.279	0.572 2.248
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity)	0.204 0.204 0.802 0.163 0.612	0.222 0.222 0.872 0.177 0.665	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 2 Total MSW and C&I residue sent to non-hazardous landfill	0.204 0.204 0.802 0.163 0.612	0.222 0.222 0.872 0.177 0.665	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.204 0.204 0.802 0.163 0.612 nert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (2) C&D reused on exempt sites	0.204 0.204 0.802 0.163 0.612 nert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on exempt sites (2) C&D reused on exempt sites (3) C&D reused on andfill sites	0.204 0.204 0.802 0.163 0.612 0.612 0.613	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBD' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites	0.204 0.204 0.802 0.163 0.612 nert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill of the control of the contr	0.204 0.204 0.802 0.163 0.612 0.612 0.613	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313	0.437 0.437 1.718 0.349 1.310	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464	0.572 2.248 0.457
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I recivery to inverted in the transfer assuming all MSW and C&I recovery by Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "RBT" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'	0.204 0.204 0.802 0.163 0.612 nert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721 del assump	0.260 0.260 1.021 0.208 0.779 ottions develo	0.281 0.281 1.104 0.224 0.842 Opped MEL 5	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 to to C&D re	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 ner than to i	0.518 0.518 2.037 0.414 1.554 nert landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738	0.572 2.248 0.457
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "RBT" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (b) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'	0.204 0.204 0.802 0.163 0.612 nert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721 del assump	0.260 0.260 1.021 0.208 0.779 otions develo	0.281 0.281 1.104 0.224 0.842 opped MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 to to C&D re	0.437 0.437 1.718 0.349 1.310 2013	0.477 0.477 1.876 0.382 1.431 mer than to i	0.518 0.518 2.037 0.414 1.554 nert landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738	0.572 2.248 0.457 1.715
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (2) C&D reused on exempt sites (3) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  Total reused C&D on inert landfill	0.204 0.802 0.163 0.612 0.612 0.70 of 1	0.222 0.222 0.872 0.177 0.665 e original mo	0.240 0.240 0.945 0.192 0.721 del assump	0.260 0.260 1.021 0.208 0.779 otions develo	0.281 0.281 1.104 0.224 0.842 0.909 MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 0 to C&D re	0.437 0.437 1.718 0.349 1.310 ecycling, rational control of the co	0.477 0.477 1.876 0.382 1.431 ner than to i	0.518 0.518 2.037 0.414 1.554 nert landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738	0.572 2.248 0.457 1.715
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (but was assumed that 50% of residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill  Total reused C&D on inert landfill  (1) C&D reused on on-hazardous landfill'	1tion' 0.204 0.204 0.802 0.163 0.612 hert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo % % % %	0.240 0.240 0.240 0.945 0.192 0.721 ddel assump	0.260 0.260 1.021 0.208 0.779 ottions develor 2008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 0.842 0.990 MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 b to C&D re	0.437 0.437 1.718 0.349 1.310 ecycling, rational control of the co	0.477 0.477 1.876 0.382 1.431 ner than to i	0.518 0.518 2.037 0.414 1.554 nert landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738	0.572 2.248 0.457 1.715
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'retament' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in C&D reused on landfill sites (1) C&D reused on landfill sites (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (9) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill'	1tion' 0.204 0.204 0.802 0.163 0.612 hert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo % % % %	0.240 0.240 0.240 0.945 0.192 0.721 ddel assump	0.260 0.260 1.021 0.208 0.779 ottions develor 2008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 0.842 0.990 MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 b to C&D re	0.437 0.437 1.718 0.349 1.310 ecycling, rational control of the co	0.477 0.477 1.876 0.382 1.431 ner than to i	0.518 0.518 2.037 0.414 1.554 nert landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738	0.572 2.248 0.457 1.715
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill  (5) C&D reuse rates based on original model assumptions developed MEL	0.204 0.802 0.163 0.612 0.ert landfill. In th 39 611 30 70 2005 0.508 1.186	0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166	0.240 0.240 0.945 0.192 0.721 odel assump 0.491 1.147	0.260 0.260 1.021 0.208 0.779 0.008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 0.942 0.474 1.107	0.306 0.306 1.204 0.245 0.918 0.90% was as 2010 0.466 1.087	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 to to C&D re 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 ner than to i	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 2.279 0.464 1.738	0.572 2.248 0.457 1.715
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill'	1tion' 0.204 0.204 0.802 0.163 0.612 hert landfill. In th	0.222 0.222 0.872 0.177 0.665 e original mo % % % %	0.240 0.240 0.240 0.945 0.192 0.721 odel assump 2007 0.491 1.147	0.260 0.260 1.021 0.208 0.779 otions develor 2008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 0.994 MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as 2010 0.466 1.087 as an engir	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 to to C&D re 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ecycling, ratt	0.477 0.477 1.876 0.382 1.431 mer than to i	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606	0.553 0.553 0.563 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.567 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975	0.572 2.248 0.457 1.715
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Robe' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  (4) C&D reused on landfill sites sent to 'non-haz landfill'  (5) C&D reused on landfill sites sent to 'non-haz landfill'  (6) C&D reused on landfill sites sent to 'non-haz landfill'  (7) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that 'DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.204 0.802 0.163 0.612 0.ert landfill. In th 39 611 30 70 2005 0.508 1.186	0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 each sub-rei	0.240 0.240 0.240 0.945 0.192 0.721 odel assump 2007 0.491 1.147	0.260 0.260 1.021 0.208 0.779 otions develor 2008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 0.994 MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as 2010 0.466 1.087	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 to to C&D re 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 becycling, ratt	0.477 0.477 1.876 0.382 1.431 mer than to i	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606	0.553 0.553 0.563 2.176 0.442 1.659	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.567 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975	0.572 2.248 0.457 1.715
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciners' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  (4) C&D reused on landfill sites sent to 'non-haz landfill'  (5) C&D reused on landfill sites sent to 'non-haz landfill'  (6) C&D reused on landfill sites sent to 'non-haz landfill'  (7) C&D reused on landfill sites sent to 'non-haz landfill'  (8) C&D reused on landfill sites sent to 'non-haz landfill'  (9) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	100 (100 (100 (100 (100 (100 (100 (100	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166	0.240 0.240 0.240 0.945 0.192 0.721 0.491 1.147 2007 0.491 1.147 2007	0.260 0.260 1.021 0.208 0.779 0.008 0.483 1.127 counted for (2008 /A N/	0.281 0.281 1.104 0.224 0.842 0.909 MEL 5 2009 0.474 1.107 C&D reuse	0.306 0.306 1.204 0.245 0.918 0.0% was as 2010 0.466 1.087 as an engir	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 neering mate	0.392 0.392 1.541 0.313 1.176 0 to C&D re 2012 0.483 1.127 erial.	0.437 0.437 1.718 0.349 1.310 ecycling, rational control contr	0.477 0.477 1.876 0.382 1.431 ner than to i 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975	2.248 0.457 1.715  2025 0.424 0.988
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (9) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reuse on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill'	0.204 0.802 0.163 0.612 0.ert landfill. In th 39 611 30 70 2005 0.508 1.186	0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 each sub-rei	0.240 0.240 0.240 0.945 0.192 0.721 odel assump 2007 0.491 1.147	0.260 0.260 1.021 0.208 0.779 otions develor 2008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 0.994 MEL 5	0.306 0.306 1.204 0.245 0.918 60% was as 2010 0.466 1.087	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 to to C&D re 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 becycling, ratt	0.477 0.477 1.876 0.382 1.431 mer than to i	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606	0.553 0.553 0.563 2.176 0.442 1.659	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.567 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975	0.572 2.248 0.457 1.715
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'retartment' (based on total recovery capacity)  (i) Total MSW and C&I residue sent to non-hazardous landfill (ii) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (ii) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill of C&D reused on landfill sites  (i) C&D reused on landfill sites  (i) C&D reused on landfill sites sent to 'non-haz landfill'  (i) C&D reused on landfill sites sent to 'non-haz landfill'  (i) C&D reused on landfill sites sent to 'non-haz landfill'  (ii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reused on landfill	100 (100 (100 (100 (100 (100 (100 (100	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166	0.240 0.240 0.240 0.945 0.192 0.721 0.491 1.147 2007 0.491 1.147 2007	0.260 0.260 1.021 0.208 0.779 0.008 0.483 1.127 counted for (2008 /A N/	0.281 0.281 1.104 0.224 0.842 0.909 MEL 5 2009 0.474 1.107 C&D reuse	0.306 0.306 1.204 0.245 0.918 0.0% was as 2010 0.466 1.087 as an engir	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 neering mate	0.392 0.392 1.541 0.313 1.176 0 to C&D re 2012 0.483 1.127 erial.	0.437 0.437 1.718 0.349 1.310 ecycling, rational control contr	0.477 0.477 1.876 0.382 1.431 ner than to i 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975	2.248 0.457 1.715  2025 0.424 0.988
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RBT" (based on total recovery capacity)  (c) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RBT" (based on total recovery capacity)  (c) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (i) C&D reused on landfill sites  (i) C&D reused on landfill sites  (i) C&D reused on landfill sites sent to 'non-haz landfill'  (ii) C&D reused on landfill sites sent to 'non-haz landfill'  (ii) C&D reused on landfill sites sent to 'non-haz landfill'  (ii) C&D reused on landfill sites sent to 'non-haz landfill'  (iii) C&D reuse on inert land non-hazardous landfill is not included within the charts because it has been assumed that NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that DATA_13: TOTAL MSW AND C&I residue from RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECYCRY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-spe	1tion' 0.204 0.204 0.204 0.802 0.163 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.614 0.612	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 each sub-re; 2006 N/A N	0.240 0.240 0.240 0.945 0.192 0.721 del assump 2007 0.491 1.147 gion has acc 2007 /A N	0.260 0.260 0.260 1.021 0.208 0.779 otions develor 2008 0.483 1.127 counted for v	0.281 0.281 1.104 0.224 0.842 0.842 0.990 MEL 5 0.474 1.107 0.842 0.990 MEL 5	0.306 0.306 1.204 0.245 0.918 00% was as 2010 0.466 1.087 as an engir 2010 A N/	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 heering mate	0.392 0.392 1.541 0.313 1.176 to to C&D re 2012 0.483 1.127 erial. 2012 A N.	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 her than to i 2014 0.500 1.166 2014 A N/	0.518 0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186 2015 A N/	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 A N/	0.553 0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/.	0.590 0.590 0.590 0.472 11.769 0.418 0.975 2019 2019 2019 0.118	0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 /A N	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N/ 2021 0.120	0.595 0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949 2022 0.417 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 //A N//	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 A N/.	0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 A
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (c) Total MSW and C&I residue sent to non-hazardous landfill (s) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (s) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (s) It was assumed that an incineration is sent to non-hazardous landfill (s) It was assumed that an incineration is sent to non-hazardous landfill (s) C&D reused on landfill sites (s) C&D reused on landfill sites (s) C&D reused on landfill sites sent to 'non-haz landfill' (s) C&D reused on landfill sites sent to 'non-haz landfill' (s) C&D reused on landfill sites sent to 'non-haz landfill' (s) C&D reused on landfill sites sent to 'non-haz landfill' (s) C&D reused on landfill sites sent to 'non-haz landfill' (s) C&D reused on landfill sites sent to 'non-haz landfill' (s) C&D reused on landfill sites sent to 'non-haz landfill'  C&D Total C&D reused on landfill sites sent to 'non-haz landfill'  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill southing all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill lassuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous land	100 (100 (100 (100 (100 (100 (100 (100	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166 each sub-re; 2006	0.240 0.240 0.240 0.945 0.192 0.721 del assump 0.491 1.147 0.491 1.147 0.491 1.147	0.260 0.260 1.021 0.208 0.779 otions develor 2008 0.483 1.127 counted for 0.208	0.281 0.281 1.104 0.224 0.842 0.994 MEL 5 2009 0.474 1.107 C&D reuse 2009 A N/	0.306 0.306 1.204 0.245 0.918 0.918 0.466 1.087 as an engir 2010 A N/	0.348 0.348 1.370 0.279 1.045 sumed to go	0.392 0.392 1.541 0.313 1.176 0 to C&D re 2012 0.483 1.127 erial.	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 her than to i 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 //A N//	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975	2.248 0.457 1.715 2025 0.424 0.988 2025 A
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (i) C&D reused on landfill sites (i) C&D reused on landfill sites (i) C&D reused on landfill sites (ii) C&D reused on landfill sites sent to 'non-haz landfill' (ii) C&D reused on landfill sites sent to 'non-haz landfill' (ii) C&D reused on landfill sites sent to 'non-haz landfill' (ii) C&D reused on landfill sites sent to 'non-haz landfill' (ii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill' (iii)	100 (100 (100 (100 (100 (100 (100 (100	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 each sub-re; 2006 N/A N	2007 0.491 0.491 0.945 0.721 del assump 2007 0.491 1.147 2007 0.492 0.007	2008 0.260 0.260 0.260 0.260 0.260 0.260 0.279 0.079 0.080 0.483 1.127 0.001 0.483 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683	0.281 0.281 1.104 0.224 0.842 0.994 MEL 5 0.474 1.107 0.474 1.107 2009 0.474 1.09 0.056	0.306 0.306 1.204 0.245 0.918 00% was as 2010 0.466 1.087 as an engir 2010 A N/ 2010 0.061	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 eneering mate 2011 A N/ 2011 0.070	0.392 0.392 1.541 0.313 1.176 0.483 1.127 2012 2.012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 her than to i 2014 0.500 1.166 2014 A N/ 2014 0.095	2.037 0.414 1.554 nert landfi  2.015 0.508 1.186  2.015 A N/ 2.015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 A N/ 2016 0.107	0.553 0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/ 2017 0.111	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/.	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 2019 0.118 0.000	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 /A N 2020 0.122 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N/ 2021 0.120 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 /A N// 2023 0.117 0.000	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000	0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 A 2025 0.114
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineral (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (9) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  (4) C&D reused on landfill sites sent to 'non-haz landfill'  (5) C&D reused on landfill sites sent to 'non-haz landfill'  (6) C&D reused on landfill sites sent to 'non-haz landfill'  (7) C&D reused on landfill sites sent to 'non-haz landfill'  (8) C&D reused on landfill sites sent to 'non-haz landfill'  (9)	1tion' 0.204 0.204 0.204 0.802 0.163 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.612 0.614 0.612	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 each sub-re; 2006 N/A N	0.240 0.240 0.240 0.945 0.192 0.721 del assump 2007 0.491 1.147 gion has acc 2007 /A N	0.260 0.260 0.260 1.021 0.208 0.779 otions develor 2008 0.483 1.127 counted for v	0.281 0.281 1.104 0.224 0.842 0.842 0.990 MEL 5 0.474 1.107 0.842 0.990 MEL 5	0.306 0.306 1.204 0.245 0.918 00% was as 2010 0.466 1.087 as an engir 2010 A N/	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 heering mate	0.392 0.392 1.541 0.313 1.176 to to C&D re 2012 0.483 1.127 erial. 2012 A N.	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 her than to i 2014 0.500 1.166 2014 A N/	0.518 0.518 0.518 2.037 0.414 1.554 nert landfi 2015 0.508 1.186 2015 A N/	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 A N/	0.553 0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/.	0.590 0.590 0.590 0.472 11.769 0.418 0.975 2019 2019 2019 0.118	0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 /A N	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N/ 2021 0.120	0.595 0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949 2022 0.417 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 //A N//	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 A N/.	0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 A
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineral (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by Texatement' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by Texatement' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill'  (3) C&D reused on landfill sites sent to 'non-hazardous landfill'  (4) C&D reused on landfill sites sent to 'non-hazardous landfill'  (5) C&D reused on landfill sites sent to 'non-hazardous landfill'  (6) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert landfill'  (7) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill in the charts because it has been assumed that 'DATA_13: TOTAL MSW AND C&I residue sent to 'near dous landfill in the charts because it has been assumed that 'DATA_14: TOTAL MSW AND C&I residue sent to hazardous landfill in the hazardous landfill and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (based on total recovery ca	100 (100 (100 (100 (100 (100 (100 (100	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 each sub-re; 2006 N/A N	2007 0.491 0.491 0.945 0.721 del assump 2007 0.491 1.147 2007 0.492 0.007	2008 0.260 0.260 0.260 0.260 0.260 0.260 0.279 0.079 0.080 0.483 1.127 0.001 0.483 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683 0.683	0.281 0.281 1.104 0.224 0.842 0.994 MEL 5 0.474 1.107 0.474 1.107 2009 0.474 1.09 0.056	0.306 0.306 1.204 0.245 0.918 00% was as 2010 0.466 1.087 as an engir 2010 A N/ 2010 0.061	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 eneering mate 2011 A N/ 2011 0.070	0.392 0.392 1.541 0.313 1.176 0.483 1.127 2012 2.012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ecycling, rati	0.477 0.477 1.876 0.382 1.431 her than to i 2014 0.500 1.166 2014 A N/ 2014 0.095	2.037 0.414 1.554 nert landfi  2.015 0.508 1.186  2.015 A N/ 2.015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 A N/ 2016 0.107	0.553 0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/ 2017 0.111	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/.	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 2019 0.118 0.000	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 /A N 2020 0.122 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N/ 2021 0.120 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 /A N// 2023 0.117 0.000	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000	0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 A 2025 0.114
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineral (i) Total MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "temetment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "temetment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (6) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert landfill' (7) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that 'DATA_13: TOTAL MSW AND C&I residue sent to 'nervicous landfill is not included within the charts because it has been assumed that 'DATA_14: TOTAL MSW AND C&I residue sent to hazardous landfill is not included within the charts because it has been assumed that 'TOTAL MSW and C&I residue sent to hazardous landfill assuming	1000 0.000 0.000 0.000 0.000 0.006	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166 each sub-re; 2006 0.004 0.000 0.000	0.240 0.240 0.240 0.945 0.192 0.721 ddel assump 0.491 1.147 2007 0.48 0.000 0.000	2008 0.483 1.127  counted for 0.052 0.008 0.052 0.000 0.000 0.0087	0.281 0.281 1.104 0.224 0.842 0.842 0.474 1.107 C&D reuse 2009 A N/ 2009 0.056 0.000	0.306 0.306 1.204 0.245 0.918 30% was as 2010 0.466 1.087 as an engir 2010 A N/ 2010 0.061 0.000	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 eering mate 2011 0.070 0.000	0.392 0.392 1.541 0.313 1.176 0.000 to C&D re 2012 0.483 1.127 2012 A N 2012 0.078	0.437 0.437 1.718 0.349 1.310 0.cycling, ratt 2013 0.491 1.147 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 ner than to i 2014 0.500 1.166 2014 A N/ 2014 0.095 0.000	2015 0.508 1.186 2015 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508	2016 0.428 1.606 2016 0.486 1.133 2016 A N/ 2016 0.107 0.000	0.553 0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/ 0.111 0.000 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/. 2018 0.114 0.000	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 0.118 0.000 0.000	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 2020 7A N 2020 0.122 0.000	0.602 0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 0.120 0.000	0.595 0.595 0.595 0.476 1.784 2022 0.407 0.949 2022 A. N. 2022 0.119 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 A N./ 2024 0.116 0.000	0.572 2.248 0.457 1.715  2025 0.424 0.988  2025 A  2025 0.114 0.000 0.000
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciners (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "matement" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) Total MSW and C&I residue sent to non-hazardous landfill  (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (5) C&D reused on landfill sites  (6) C&D reused on landfill sites  (7) C&D reused on landfill sites sent to 'non-haz landfill'  (8) C&D reused on landfill sites sent to 'non-haz landfill'  (9) C&D reused on landfill sites sent to 'non-hazardous landfill'  (10) C&D reused on landfill sites sent to 'non-hazardous landfill'  (11) C&D reused on landfill sites sent to 'non-hazardous landfill'  (12) C&D reused on landfill sites sent to 'non-hazardous landfill'  (13) C&D reused on landfill sites sent to 'non-hazardous landfill'  (14) C&D reused on landfill sites sent to 'non-hazardous landfill'  (15) C&D reused on landfill sites sent to 'non-hazardous landfill'  (16) C&D reused on landfill sites sent to 'non-hazardous landfill'  (17) C&D reused on landfill sites sent to 'non-hazardous landfill'  (18) C&D reused on landfill sites sent to 'non-hazardous landfill'  (19) C&D reused on landfill sites sent to 'non-hazardous landfill'  (10) C&D reused on landfill sites sent to 'non-hazardous landfill'  (10) C&D reused on landfill'  (11) C&D reused on landfill sites sent to 'non-hazardous landfi	1000 0.000 0.000 0.000 0.000 0.006	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166 each sub-re; 2006 0.004 0.000 0.000	0.240 0.240 0.240 0.945 0.192 0.721 ddel assump 0.491 1.147 2007 0.48 0.000 0.000	2008 0.483 1.127  counted for 0.052 0.008 0.052 0.000 0.000 0.0087	0.281 0.281 1.104 0.224 0.842 0.842 0.474 1.107 C&D reuse 2009 A N/ 2009 0.056 0.000	0.306 0.306 1.204 0.245 0.918 30% was as 2010 0.466 1.087 as an engir 2010 A N/ 2010 0.061 0.000	0.348 0.348 1.370 0.279 1.045 sumed to go 2011 0.474 1.107 eering mate 2011 0.070 0.000	0.392 0.392 1.541 0.313 1.176 0.000 to C&D re 2012 0.483 1.127 2012 A N 2012 0.078	0.437 0.437 1.718 0.349 1.310 0.cycling, ratt 2013 0.491 1.147 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 ner than to i 2014 0.500 1.166 2014 A N/ 2014 0.095 0.000	2015 0.508 1.186 2015 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508 0.508	2016 0.428 1.606 2016 0.486 1.133 2016 A N/ 2016 0.107 0.000	0.553 0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/ 0.111 0.000 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/. 2018 0.114 0.000	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 0.118 0.000 0.000	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 2020 7A N 2020 0.122 0.000	0.602 0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 0.120 0.000	0.595 0.595 0.595 0.476 1.784 2022 0.407 0.949 2022 A. N. 2022 0.119 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 A N./ 2024 0.116 0.000	0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 A 2025 0.114 0.000
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineral (1) Total MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "matemate" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "matemate" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "matemate" (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (4) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (6) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (8) C&D reused on landfill sites sent to 'non-hazardous landfill' (9) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill	1000 0.000 0.068 t of managed was on Tonnes)	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % % 2006 0.500 1.166 2006 0.044 0.000 0.000 0.0074	2007 0.491 1.147 2007 0.048 0.000 0.080 validable cap	2008 0.483 1.127  2008 0.483 1.127  counted for 1 2008 0.052 0.000 0.007 0.007	2009 0.474 1.107  C&D reuse 2009 0.056 0.000 0.000	2010 0.466 1.087 2010 0.466 1.087 2010 0.466 1.087 2010 0.001 0.001 0.001	2011 0.474 1.107 2011 0.070 0.000 0.016	0.392 0.392 1.541 0.313 1.176 0 to C&D re 2012 0.483 1.127 2012 A N 2012 0.078 0.000 0.000	2013 0.497 1.310 2013 0.491 1.147 2013 0.491 1.147 2013 0.087 0.000 0.000	2014 0.500 1.166 2014 0.095 0.000 0.159	2015 0.508 1.186 2.037 0.414 1.554 nert landfi 2015 0.508 1.186 2015 A N/ 2015 0.104 0.000 0.000	2016 0.428 1.606 2.406 0.428 1.606 0.486 1.133 2016 A N/ 2016 0.107 0.000 0.000	2017 0.442 1.659 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/ 2017 0.111 0.000 0.000	2018 0.441 1.028 2018 A N. 2018 0.114 0.000 0.000	2019 0.418 0.975 0.418 0.975 2019 0.418 0.975 2019 0.118 0.000 0.000	2020 0.809 0.809 2.394 0.487 1.826 0.395 0.923 2020 /A N 2020 0.122 0.000 0.000	2021 0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N/ 2021 0.120 0.000 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 1.4A N 2022 0.119 0.000 0.000	2023 0.470 1.762 2.023 0.412 0.962 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000 0.000 0.193	0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 A 2025 0.114 0.000 0.000
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineral (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "matement" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "matement" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  (4) C&D reused on landfill sites sent to 'non-haz landfill'  (5) C&D reused on landfill sites sent to 'non-hazardous landfill'  (6) C&D reused on landfill sites sent to 'non-hazardous landfill'  (7) C&D reused on landfill sites sent to 'non-hazardous landfill'  (8) C&D reused on landfill sites sent to 'non-hazardous landfill'  (9) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill'  (3) C&D reused on landfill sites sent to 'non-hazardous landfill'  (4) C&D reused on landfill sites sent to 'non-hazardous landfill'  (5) C&D reused on landfill sites sent to 'non-hazardous landfi	2005 N/A  2005 0.068 t of managed ware on Tonnes) 0.204 0.204 0.204 0.204 0.302 0.163 0.612 0.61	0.222 0.222 0.222 0.872 0.177 0.665 e original mo % % % 2006 0.500 1.166 each sub-re; 2006 0.004 0.000 0.000	2007 0.491 1.147 2007 0.048 0.000 0.080 valiable cap	2008 0.483 1.127  counted for 0.008 0.052 0.000 0.087 0.0260 0.260	0.281 0.281 1.104 0.224 0.842 0.842 0.990 0.474 1.107  C&D reuse 2009 0.056 0.000 0.000 0.094	0.306 0.306 1.204 0.245 0.918 60% was as  2010 0.466 1.087 as an engir  2010 0.061 0.000 0.102	0.348 0.348 1.370 0.279 1.045 sumed to go  2011 0.474 1.107 heering mate  2011 0.070 0.000 0.116	0.392 0.392 1.541 0.313 1.176 0.000 0.000 0.000 0.131	0.437 0.437 1.718 0.349 1.310 ecycling, ratt 2013 0.491 1.147 2013 0.087 0.000 0.000	0.477 0.477 1.876 0.382 1.431 ner than to i  2014 0.500 1.166  2014 0.095 0.000 0.159	2.037 0.414 1.554 nert landfi  2015 0.508 1.186  2015 0.104 0.000 0.173	2016 0.428 1.606  2016 0.486 1.133  2016 0.486 0.486 0.487 0	2017 0.442 1.659  2017 0.463 1.081  2017 0.111 0.000 0.184	2018 2018 2018 2018 2018 0.114 0.000 0.000 0.190	0.590 0.590 0.590 0.472 1.769 0.472 1.769 0.418 0.975 2019 0.118 0.000 0.000 0.197	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 /A N 2020 0.122 0.000 0.000	0.602 0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 0.120 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000 0.000	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000 0.000 0.193	2025 0.572 2.248 0.457 1.715 2025 0.424 0.988 2025 0.114 0.000 0.000 0.191



Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit

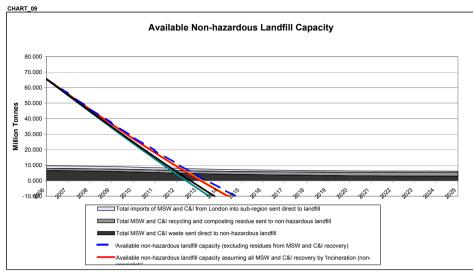


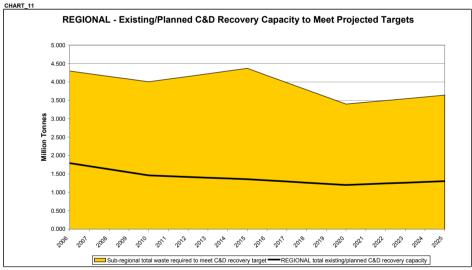


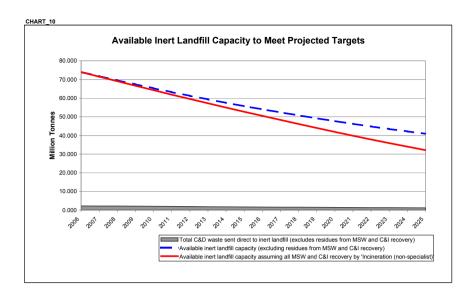
Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)

NOTE: This capacity does not represent the quantity of material that is recycled and composted.

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## Berkshire

# SUMMARY DATA AND RESULTS FOR BERKSHIRE MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)

msw			0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579	0.588	0.597	0.606	0.615	0.624	0.633	0.643	0.652	0.662	0.672
msw - imports	from london that are sent direct to non-hazardous landfill		0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
c&i			0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.082
&I = imnorts t	rom london that are sent direct to non-hazardous landfill		0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
c&d	om one of the die ook direction in the distriction		1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
nazardous			0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
iazara0a0			0.000	0.010	0.011	0.012	0.010	0.011	0.010	0.010	0.011	0.010	0.010	0.010	0.000	0.001	0.001	0.002	0.002	0.000	0.000	0.001
WASTE STR	AM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	LATS shortfall (how much extra is landfilled above LATS target)		-0.072	-0.064	-0.052	-0.036	-0.015	-0.007	0.001	0.008	-0.001	-0.011	-0.011	-0.012	-0.013	-0.014	-0.015	-0.014	-0.014	-0.014	-0.014	-0.014
	Recycling and composting target		0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
	Recovery target		0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
	Non-hazardous landfill		0.293	0.283	0.274	0.263	0.252	0.233	0.213	0.186	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
c&i	Recycling and composting target		0.329	0.354	0.379	0.405	0.433	0.450	0.468	0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686	0.703
	Recovery target		0.111	0.116	0.120	0.125	0.130	0.141	0.153	0.165	0.178	0.191	0.196	0.201	0.206	0.211	0.216	0.214	0.212	0.210	0.208	0.206
	Non-hazardous landfill		0.343	0.334	0.325	0.314	0.303	0.291	0.79	0.766	0.253	0.239	0.231	0.222	0.214	0.205	0.196	0.191	0.187	0.182	0.178	0.173
c&d	Recycling target		0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
caa	Recovery target		0.638	0.627	0.616	0.605	0.594	0.605	0.501	0.627	0.638	0.649	0.620	0.573	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
	Inert landfill		0.335	0.328	0.321	0.313	0.306	0.295	0.285	0.027	0.263	0.252	0.245	0.238	0.231	0.223	0.216	0.209	0.202	0.195	0.187	0.180
hazardous	Hazardous waste		0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.203	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
iazaiuous		model accur															0.031	0.052	0.032	0.000	0.000	0.054
Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and recovered at the same ratio as the regional targets for recycling/composting and recovery for that year.  EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)  2006 2007 2008 2009 201 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025																						
MSW and C&	recovery.		2000	2001	2000	2009	2010	2011	2012	2013	2014	2010	2010	2017	2010	2019	2020	2021	2022	2023	2024	2025
and Co	Total existing/planned MSW and C&I recovery capacity		0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360
	Surplus/deficit capacity		0.300	0.206	0.300	0.300	0.360	0.300	0.115	0.085	0.059	0.030	0.018	0.006	-0.006	-0.018	-0.031	-0.027	-0.022	-0.017	-0.012	-0.007
MSW and Co	recycling and composting		0.210	0.200	0.107	0.101	0.107	0.171	0.113	0.003	0.000	0.000	0.010	0.000	-0.000	-0.010	-0.001	-0.027	0.022	0.017	0.012	3.001
viovv aliu Co	Tecycling and composting  Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840
	Total existing/planned MSW and C&I recycling and composting capacity (baseline, 20% of transfer capacity delivers recycling)  Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687
			0.067	0.007	0.007	0.067	0.007	0.067	0.007	0.007	0.067	0.007	-0.003	-0.031	-0.060	-0.090	-0.121	-0.149	-0.177	-0.206	-0.236	-0.266
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling) Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.359	0.321	0.281	0.240	0.196	0.165	-0.022	-0.061	-0.091	-0.128	-0.003	-0.031	-0.000	-0.090	-0.121	-0.149	-0.177	-0.206	-0.236	-0.200
O D annualina			0.200	U. 100	0.120	0.067	0.044	0.012	-0.022	-0.061	-0.091	-0.120	-0.150	-U. 10 <del>4</del>	-0.213	-0.243	-0.274	-0.302	-0.330	-0.360	-0.309	-0.419
C&D recycline	Total aviation/alarmed CSD acqualing acception		0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
	Total existing/planned C&D recycling capacity										-0.836											
000	Surplus/deficit capacity		-0.764	-0.782	-0.800	-0.818	-0.836	-0.836	-0.836	-0.836	-0.836	-0.836	-0.872	-0.908	-0.944	-0.980	-1.016	-1.016	-1.016	-1.016	-1.016	-1.016
C&D recovery																						
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
	Surplus/deficit capacity		1.156	1.083	1.011	0.938	0.866	0.834	0.802	0.771	0.739	0.707	0.705	0.702	0.700	0.697	0.695	0.709	0.722	0.736	0.750	0.763
Hazardous wa																						
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
Hazardous wa																						
	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
Non-hazardou																						
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.055	-0.882	-1.805	-2.711	-3.601	-4.473	-5.313	-6.118	-6.882	-7.616	-8.312	-8.996	-9.666	-10.323		-11.595			-13.472	-14.095
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.055	-0.903	-1.849	-2.781	-3.698	-4.599	-5.471	-6.313	-7.117	-7.897	-8.642	-9.377	-10.101	-10.813	-11.513	-12.200	-12.885	-13.568	-14.249	-14.927
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.055	-0.966	-1.979	-2.984	-3.980	-4.965	-5.934	-6.883	-7.809	-8.720	-9.611	-10.496	-11.376	-12.249	-13.115	-13.974	-14.829	-15.680	-16.527	-17.369
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.055	-0.899	-1.840	-2.767	-3.678	-4.574	-5.439	-6.274	-7.070	-7.840	-8.576	-9.301	-10.014	-10.715	-11.403	-12.079	-12.753	-13.424	-14.094	-14.761
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.055	-0.946	-1.938	-2.919	-3.890	-4.849	-5.786	-6.702	-7.589	-8.458	-9.303	-10.140	-10.970	-11.792	-12.605	-13.410	-14.211	-15.008	-15.802	-16.592
Inert landfill																						
	Available inert landfill capacity		0.181	-0.154	-0.481	-0.802	-1.116	-1.422	-1.717	-2.002	-2.276	-2.539	-2.791	-3.036	-3.274	-3.504	-3.728	-3.944	-4.153	-4.355	-4.549	-4.737
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.181	-0.175	-0.526	-0.871	-1.212	-1.547	-1.875	-2.196	-2.511	-2.820	-3.121	-3.418	-3.708	-3.994	-4.274	-4.549	-4.816	-5.075	-5.326	-5.569
Hazardous la	dfill																					
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																					
DATA 01: AF	ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Arisings of MSW in baseline year																					
(1)	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%	154%
(.)	Total arisings of MSW using regional growth forecasts	0.464	0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579	0.588	0.597	0.606	0.615	0.624	0.633	0.643	0.652	0.662	0.672
(1)	Forecast sub-regional growth rate of MSW - per year (%)	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	Forecast sub-regional level growth rate of MSW - cumulative (%)	104%	106%	108%	110%	113%	115%	117%	120%	122%	124%	127%	129%	131%	133%	135%	137%	139%	141%	143%	145%	147%
(1)	Total arisings of MSW using sub-regional growth forecasts	0.455	0.464	0.473	0.482	0.492	0.502	0.512	0.522	0.533	0.543	0.554	0.563	0.571	0.580	0.588	0.597	0.606	0.615	0.624	0.634	0.643
c&i	Total arisings of C&I in baseline year	0.433	0.404	0.473	0.462	0.432	0.302	0.512	0.522	0.555	0.545	0.004	0.505	0.571	0.560	0.000	0.051	0.000	0.013	0.024	0.034	0.043
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
(1)	Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	166%
(1)		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.082
	Total arisings of C&I using regional growth forecasts	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.014	1.029	1.040	1.050	1.061	1.071	1.062
	Forecast sub-regional level growth rate of C&I - per year (%)	117%	120%	123%		130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%		160%	161%	163%	164%	166%
	Forecast sub-regional level growth rate of C&I - cumulative (%)				126%												158%					
	Total arisings of C&I using sub-regional growth forecasts	0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.082
	Arisings of hazardous waste in baseline year																					
(2)	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
	Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	151%
	Total arisings of hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
(2)	Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	151%
	Total arisings of hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
c&d	Total managed C&D in baseline year																					
(3)	Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
(3)	Total managed of C&D for the sub-region	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
(0)																						

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the orginal MEL study and updated modeted by ERM in 2005.
NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figures in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

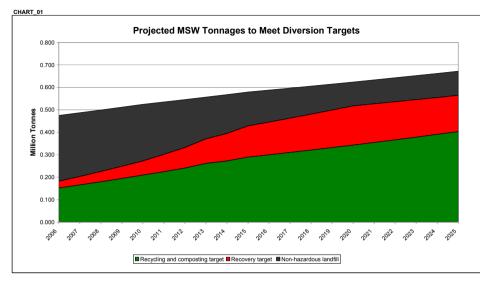
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.150	0.146	0.142	0.138	0.135	0.131	0.124	0.116	0.109	0.102	0.094	0.090	0.087	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.066
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.056	0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.056	0.054	0.053	0.051	0.050	0.048	0.045	0.043	0.040	0.037	0.035	0.033	0.032	0.030	0.029	0.027	0.027	0.026	0.026	0.025	0.025
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.093	0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.094	0.092	0.089	0.087	0.085	0.083	0.078	0.074	0.069	0.064	0.060	0.057	0.055	0.052	0.050	0.047	0.046	0.045	0.044	0.043	0.042

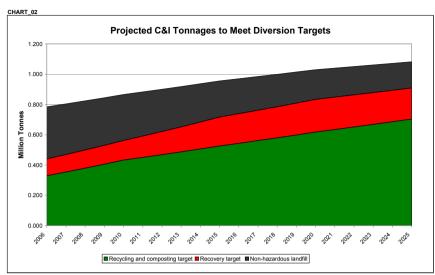
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa

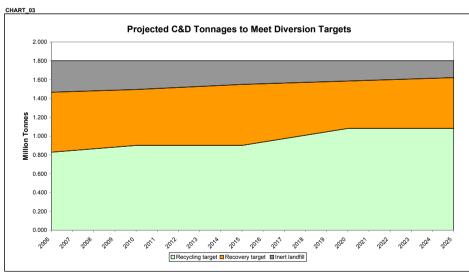
,	Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperation																					
DATA_03: N	IANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.464	0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579	0.588	0.597	0.606	0.615	0.624	0.633	0.643	0.652	0.662	0.672
msw - impor	s from london that are sent direct to non-hazardous landfill	0.056	0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
c&i		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.082
c&I - imports	from london that are sent direct to non-hazardous landfill	0.093	0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
c&d		1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
hazardous		0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
	·																					
DATA_04: T	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (	) landfill (Mt)	0.281	0.271	0.257	0.238	0.215	0.186	0.165	0.145	0.124	0.119	0.113	0.108	0.103	0.097	0.092	0.087	0.087	0.087	0.087	0.087	0.087
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
(1	) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: V	/ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.162	0.182	0.204	0.226	0.249	0.273	0.302	0.332	0.363	0.395	0.429	0.446	0.463	0.481	0.499	0.518	0.527	0.536	0.545	0.555	0.565
	Total MSW not-diverted by targets	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.214	0.194	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68

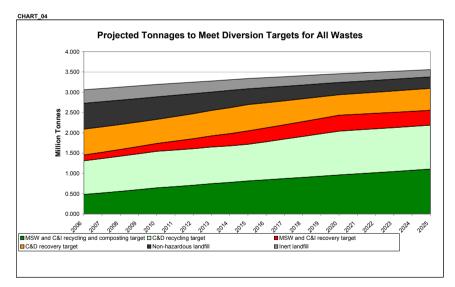
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.162	0.182	0.204	0.226	0.249	0.273	0.302	0.332	0.363	0.395	0.429	0.446	0.463	0.481	0.499	0.518	0.527	0.536	0.545	0.555	0.565
	Total MSW not-diverted by targets	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.214	0.194	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.205	0.199	0.193	0.186	0.179	0.171	0.159	0.145	0.132	0.117	0.102	0.097	0.091	0.085	0.079	0.072	0.072	0.073	0.073	0.073	0.073
	LATS shortfall (how much extra is landfilled above LATS target)	-0.076	-0.072	-0.064	-0.052	-0.036	-0.015	-0.007	0.001	0.008	-0.001	-0.011	-0.011	-0.012	-0.013	-0.014	-0.015	-0.014	-0.014	-0.014	-0.014	-0.014
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
	······································	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.139	0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
	Recovery target	0.023	0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
	Non-hazardous landfill	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.213	0.186	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.306	0.329	0.354	0.379	0.405	0.433	0.450	0.468	0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686	0.703
	Recovery target	0.107	0.111	0.116	0.120	0.125	0.130	0.141	0.153	0.165	0.178	0.191	0.196	0.201	0.206	0.211	0.216	0.214	0.212	0.210	0.208	0.206
	Non-hazardous landfill	0.352	0.343	0.334	0.325	0.314	0.303	0.291	0.279	0.266	0.253	0.239	0.231	0.222	0.214	0.205	0.196	0.191	0.187	0.182	0.178	0.173
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
	Recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
	Inert landfill	0.342	0.335	0.328	0.321	0.313	0.306	0.295	0.285	0.274	0.263	0.252	0.245	0.238	0.231	0.223	0.216	0.209	0.202	0.195	0.187	0.180
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054

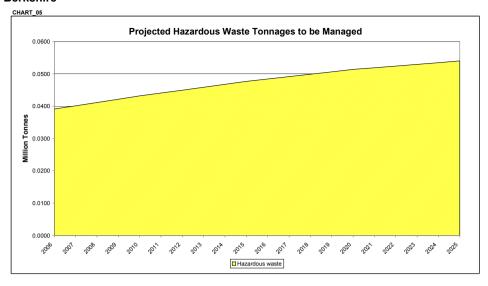
DATA_06: TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recycling and composting target	0.445	0.481	0.519	0.559	0.600	0.643	0.675	0.709	0.748	0.778	0.815	0.843	0.871	0.901	0.930	0.961	0.989	1.017	1.047	1.076	1.107
C&D recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
MSW and C&I recovery target	0.130	0.142	0.154	0.166	0.179	0.193	0.218	0.245	0.274	0.301	0.330	0.342	0.354	0.366	0.378	0.391	0.386	0.382	0.377	0.372	0.367
C&D recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
Non-hazardous landfill	0.653	0.636	0.618	0.598	0.577	0.555	0.525	0.492	0.452	0.426	0.389	0.373	0.356	0.339	0.320	0.302	0.298	0.294	0.289	0.285	0.281
Inert landfill	0.342	0.335	0.328	0.321	0.313	0.306	0.295	0.285	0.274	0.263	0.252	0.245	0.238	0.231	0.223	0.216	0.209	0.202	0.195	0.187	0.180
Hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054











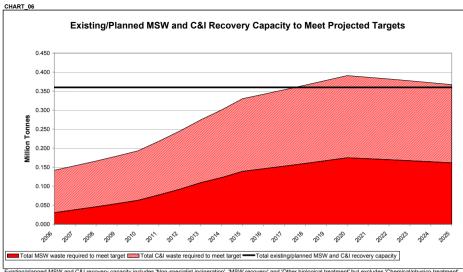
DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING	I, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360
Total existing/planned MSW and C&I recovery capacity	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360	0.360
Total MSW waste required to meet target	0.023	0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
Total C&I waste required to meet target	0.107	0.111	0.116	0.120	0.125	0.130	0.141	0.153	0.165	0.178	0.191	0.196	0.201	0.206	0.211	0.216	0.214	0.212	0.210	0.208	0.206
Surplus/deficit capacity	0.229	0.218	0.206	0.194	0.181	0.167	0.141	0.115	0.085	0.059	0.030	0.018	0.006	-0.006	-0.018	-0.031	-0.027	-0.022	-0.017	-0.012	-0.007
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601
MSW and C&I transfer	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021	1.021
Total existing/planned composting capacity	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687
Total MSW waste required to meet recycling and composting target	0.139	0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
Total C&I waste required to meet recycling and composting target	0.306	0.329	0.354	0.379	0.405	0.433	0.450	0.468	0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686	0.703
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.395	0.359	0.321	0.281	0.240	0.198	0.165	0.131	0.092	0.062	0.025	-0.003	-0.031	-0.060	-0.090	-0.121	-0.149	-0.177	-0.206	-0.236	-0.266
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.242	0.206	0.168	0.128	0.087	0.044	0.012	-0.022	-0.061	-0.091	-0.128	-0.156	-0.184	-0.213	-0.243	-0.274	-0.302	-0.330	-0.360	-0.389	-0.419
C&D recycling																					
Total existing/planned C&D recycling capacity	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
Total waste required to meet C&D recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
Surplus/deficit capacity	-0.746	-0.764	-0.782	-0.800	-0.818	-0.836	-0.836	-0.836	-0.836	-0.836	-0.836	-0.872	-0.908	-0.944	-0.980	-1.016	-1.016	-1.016	-1.016	-1.016	-1.016
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
Surplus/deficit capacity	1.229	1.156	1.083	1.011	0.938	0.866	0.834	0.802	0.771	0.739	0.707	0.705	0.702	0.700	0.697	0.695	0.709	0.722	0.736	0.750	0.763
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N/A	N/A	0.000 N/A	N/A	N/A	0.000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total existing/planned hazardous waste recycling capacity																					
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity  Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/defict capacity Non-hazardous landfill	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A	0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to erecycled Surplus/deficit capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A	0.000 N/A N/A -0.882	N/A N/A 0.000 N/A N/A -1.805	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A -4.473	N/A N/A 0.000 N/A N/A -5.313	N/A N/A 0.000 N/A N/A -6.118	N/A N/A 0.000 N/A N/A -6.882	0.000 N/A N/A -7.616	N/A N/A 0.000 N/A N/A -8.312	N/A N/A 0.000 N/A N/A -8.996	N/A N/A 0.000 N/A N/A -9.666	N/A N/A 0.000 N/A N/A -10.323	N/A N/A 0.000 N/A N/A -10.967	N/A N/A 0.000 N/A N/A -11.595	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A -12.848	N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/defict capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903	N/A N/A 0.000 N/A N/A -1.805 -1.849	N/A N/A 0.000 N/A N/A -2.711 -2.781	N/A N/A 0.000 N/A N/A -3.601 -3.698	N/A N/A 0.000 N/A N/A -4.473 -4.599	N/A N/A 0.000 N/A N/A -5.313 -5.471	N/A N/A 0.000 N/A N/A -6.118 -6.313	N/A N/A 0.000 N/A N/A -6.882 -7.117	N/A N/A 0.000 N/A N/A -7.616 -7.897	N/A N/A 0.000 N/A N/A -8.312 -8.642	N/A N/A 0.000 N/A N/A -8.996 -9.377	N/A N/A 0.000 N/A N/A -9.666 -10.101	N/A N/A 0.000 N/A N/A -10.323 -10.813	N/A N/A 0.000 N/A N/A -10.967 -11.513	N/A N/A 0.000 N/A N/A -11.595 -12.200	N/A N/A 0.000 N/A N/A -12.222 -12.885	N/A N/A 0.000 N/A N/A -12.848 -13.568	N/A N/A 0.000 N/A N/A -13.472 -14.249	N/A N/A 0.000 N/A N/A -14.095 -14.927
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste to be recycled Surplus/deficit capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity  Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/defict capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'PiDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'PiDF'	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424	N/A N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste to be recycled Surplus/deficit capacity Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938	N/A N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439 -5.786	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274 -6.702	N/A N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.589	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.008	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/defict capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Total MSW and C&I wastes sent direct to non-hazardous landfill Total MSW and C&I wastes sent direct to non-hazardous landfill	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424	N/A N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deflot capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deflot capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938 0.598	N/A N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577	N/A N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439 -5.786 0.492	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274 -6.702 0.452	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.589 0.426	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303 0.373	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.008 0.289	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592 0.281
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deflot capacity  Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deflot capacity Total hazardous waste to be recovered Surplus/deflot capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938 0.598	N/A N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439 -5.786 0.492	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274 -6.702 0.452	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.589 0.426	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303 0.373	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.008 0.289	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592 0.281
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/defict capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available inert landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity	N/A N/A 0.000 N/A N/A	N/A N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938 0.598	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577 -0.802 -0.871	N/A N/A 0.000 N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555 -1.116 -1.212	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525 -1.422 -1.547	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439 -5.786 0.492 -1.717 -1.875	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.274 -6.702 0.452 -2.002 -2.196	N/A N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.589 0.426	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389 -2.539 -2.820	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303 0.373	N/A N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356	N/A N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994	N/A N/A 0.000 N/A N/A -10.967 -11.513 -12.605 0.302 -3.728 -4.274	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294 -4.153 -4.816	N/A N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.008 0.289	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592 0.281 -4.737 -5.569
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deflect capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deflect capacity Total hazardous waste to be recovered Surplus/deflect capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MST" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available inert landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	N/A N/A 0.000 N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938 0.598	N/A N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439 -5.786 0.492	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274 -6.702 0.452	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.589 0.426	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389	N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303 0.373	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.008 0.289	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592 0.281
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/defict capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill	N/A N/A 0.000 N/A N/A	N/A N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618 -0.154 -0.175 0.328	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938 0.598 -0.481 -0.526 0.321	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577 -0.802 -0.871 0.313	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555 -1.116 -1.212 0.306	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525 -1.422 -1.547 0.295	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.439 -5.786 0.492 -1.717 -1.875 0.285	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274 -6.702 0.452 -2.002 -2.196 0.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 0.426 -2.276 -2.276 -2.511 0.263	N/A N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389 -2.539 -2.820 0.252	N/A N/A 0.000 N/A N/A -8.312 -8.611 -8.576 -9.303 0.373 -2.791 -3.121 0.245	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356 -3.036 -3.418 0.238	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339 -3.274 -3.708 0.231	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994 0.223	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302 -3.728 -4.274 0.216	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298 -3.944 -4.549 0.209	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294 -4.153 -4.816 0.202	N/A N/A 0.000 N/A N/A -12.848 -13.658 -15.680 -15.424 -15.008 0.289 -4.355 -5.075 0.195	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326 0.187	N/A N/A 0.000 N/A N/A -14.095 -14.927 -14.761 -16.592 0.281 -4.737 -5.569 0.180
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste recovery Total resisting/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Navallable non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF' Total MSW and C&I waste sent direct to non-hazardous landfill capacity Inert landfill Inert landfill Available inert landfill capacity Available lazardous landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Available lazardous landfill capacity Available lazardous landfill Available hazardous landfill capacity	0.000 N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.894 0.618 -0.154 -0.175 0.328	N/A N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.938 0.598 -0.481 -0.526 0.321	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.981 -2.967 -2.919 0.577 -0.802 -0.871 0.313	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.980 0.555 -1.116 -1.212 0.306	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525 -1.422 -1.547 0.295	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.786 0.492 -1.717 -1.875 0.285	N/A N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.274 -6.702 0.452 -2.002 -2.196 0.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.570 0.426 -2.276 -2.2511 0.263	N/A N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -8.458 0.389 -2.539 -2.820 0.252	N/A N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303 0.373 -2.791 -3.121 0.245	N/A N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356 -3.036 -3.418 0.238	N/A N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339 -3.274 -3.708 0.231	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994 0.223	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302 -3.728 -4.274 0.216	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298 -3.944 -4.549 0.209	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294 -4.153 -4.816 0.202	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.080 0.289 -4.355 -5.075 0.195	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326 0.187	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592 0.281 -4.737 -5.569 0.180
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'ToPF' Available inon-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous landfill capacity Total hazardous sate sent direct to hazardous landfill	0.000 N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618 -0.154 -0.175 0.328	N/A N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.938 0.598 -0.481 -0.526 0.321	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577 -0.802 -0.871 0.313	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.980 0.555 -1.116 -1.212 0.306	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525 -1.422 -1.547 0.295	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.786 0.492 -1.717 -1.875 0.285	N/A N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.274 -6.702 0.452 -2.002 -2.196 0.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 0.426 -2.276 -2.276 -2.511 0.263	N/A N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -8.458 0.389 -2.539 -2.820 0.252	N/A N/A N/A 0.000 N/A N/A -8.312 -8.642 -9.611 -8.576 -9.303 0.373 -2.791 -3.121 0.245	N/A N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356 -3.036 -3.418 0.238	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339 -3.274 -3.708 0.231	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994 0.223	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302 -3.728 -4.274 0.216	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298 -3.944 -4.549 0.209	N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294 -4.153 -4.816 0.202	N/A N/A 0.000 N/A N/A -12.848 -13.658 -15.680 -15.424 -15.008 0.289 -4.355 -5.075 0.195	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326 0.187	N/A N/A 0.000 N/A N/A -14.095 -14.927 -17.369 -14.761 -16.592 0.281 -4.737 -5.569 0.180
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste trecovery Total resisting/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'ToF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.993 -0.966 -0.899 -0.946 0.618 -0.175 0.328	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.849 0.598 -0.481 -0.526 0.321	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577 -0.802 -0.871 0.313	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555 -1.116 -1.212 0.306	N/A N/A 0.000 N/A N/A -4.473 -4.965 -4.574 -4.849 0.525 -1.422 -1.547 0.295 0.000 A	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.436 0.492 -1.717 -1.875 0.285 0.000 /A	N/A N/A 0.000 N/A N/A -6.313 -6.274 -6.702 0.452 -2.002 -2.196 0.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 0.426 -2.276 -2.511 0.263	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389 -2.539 -2.539 -2.520 0.252	N/A N/A 0.000 N/A N/A -8.312 -9.611 -8.564 -9.303 0.373 -2.791 -3.121 0.245	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356 -3.418 0.238	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339 -3.274 -3.708 0.231	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994 0.223 0.000 N/A	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302 -3.728 -4.274 0.216	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298 -3.944 -4.549 0.209	N/A N/A 0.000 N/A N/A -12.222 -12.852 -14.829 -12.753 -14.211 0.294 -4.153 -4.816 0.202 0.000 N/A	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.024 -0.289 -4.355 -5.075 0.195	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326 0.187 0.000 A	N/A N/A 0.000 N/A N/A 14.095 -14.927 -17.369 -14.765 -16.592 0.281 -4.737 -5.569 0.180 0.000 /A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous landfill capacity Total hazardous landfill capacity Total hazardous landfill capacity Metaletty facility Metaletty facility Metaletty facility	0.000 N/A N/A 0.000 N/A N/A	N/A N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A -0.882 -0.903 -0.966 -0.899 -0.946 0.618 -0.175 0.328	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.840 -1.938 0.598 -0.481 -0.526 0.321 0.000 N/A	N/A N/A 0.000 N/A N/A -2.711 -2.984 -2.767 -2.919 0.577 -0.802 -0.871 0.313 0.000 A N/	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555 -1.116 -1.212 0.306 0.000 A N/A	N/A N/A 0.000 N/A N/A -4.473 -4.599 -4.965 -4.574 -4.849 0.525 -1.547 0.295 0.000 A N	N/A N/A 0.000 N/A N/A 5.313 5.471 -5.934 -5.439 -5.786 0.492 -1.717 -1.875 0.285 0.000 (A N	N/A N/A 0.000 N/A N/A -6.118 -6.313 -6.883 -6.274 -6.702 -2.002 -2.196 0.274 0.000 (A N	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 -7.589 0.426 -2.511 0.263 0.000 N/A	N/A N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 8.458 0.389 -2.539 -2.520 0.252	N/A N/A 0.000 N/A N/A -8.312 -9.611 -8.576 -9.303 -3.373 -2.791 -3.121 0.245 0.000 N/A	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356 -3.418 0.238	N/A N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339 -3.274 -3.708 0.231 0.000 N/A	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994 0.223 0.000 N/A	N/A N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302 -3.728 -4.274 0.216 0.000 (A	N/A N/A 0.000 N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298 -3.944 -4.549 0.209	N/A N/A N/A 0.000 N/A N/A -12.222 -12.885 -14.829 -12.753 -14.211 0.294 -4.153 -4.816 0.202 0.000 N/A N/A	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -15.680 0.289 -4.355 -5.075 0.195	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326 0.187 0.000 A N/A	N/A N/A 0.000 N/A N/A 14.095 -14.927 -17.369 -14.761 -16.592 0.281 -4.737 -5.569 0.180 0.000 /A
Total existing/planned hazardous waste recycling capacity Total hazardous waste to be recycled Surplus/deficit capacity Hazardous waste trecovery Total resisting/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MET' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MET' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TeDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Teatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N/A N/A 0.000 N/A N/A	N/A N/A 0.000 N/A N/A 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055 0.055	N/A N/A 0.000 N/A N/A -0.882 -0.993 -0.966 -0.899 -0.946 0.618 -0.175 0.328	N/A N/A 0.000 N/A N/A -1.805 -1.849 -1.979 -1.849 0.598 -0.481 -0.526 0.321	N/A N/A 0.000 N/A N/A -2.711 -2.781 -2.984 -2.767 -2.919 0.577 -0.802 -0.871 0.313	N/A N/A 0.000 N/A N/A -3.601 -3.698 -3.980 -3.678 -3.890 0.555 -1.116 -1.212 0.306	N/A N/A 0.000 N/A N/A -4.473 -4.965 -4.574 -4.849 0.525 -1.422 -1.547 0.295 0.000 A	N/A N/A 0.000 N/A N/A -5.313 -5.471 -5.934 -5.436 0.492 -1.717 -1.875 0.285 0.000 /A	N/A N/A 0.000 N/A N/A -6.313 -6.274 -6.702 0.452 -2.002 -2.196 0.274	N/A N/A 0.000 N/A N/A -6.882 -7.117 -7.809 -7.070 0.426 -2.276 -2.511 0.263	N/A N/A 0.000 N/A N/A -7.616 -7.897 -8.720 -7.840 -8.458 0.389 -2.539 -2.539 -2.520 0.252	N/A N/A 0.000 N/A N/A -8.312 -9.611 -8.564 -9.303 0.373 -2.791 -3.121 0.245	N/A N/A 0.000 N/A N/A -8.996 -9.377 -10.496 -9.301 -10.140 0.356 -3.418 0.238	N/A N/A 0.000 N/A N/A -9.666 -10.101 -11.376 -10.014 -10.970 0.339 -3.274 -3.708 0.231	N/A N/A 0.000 N/A N/A -10.323 -10.813 -12.249 -10.715 -11.792 0.320 -3.504 -3.994 0.223 0.000 N/A	N/A N/A 0.000 N/A N/A -10.967 -11.513 -13.115 -11.403 -12.605 0.302 -3.728 -4.274 0.216	N/A N/A 0.000 N/A N/A -11.595 -12.200 -13.974 -12.079 -13.410 0.298 -3.944 -4.549 0.209	N/A N/A 0.000 N/A N/A -12.222 -12.852 -14.829 -12.753 -14.211 0.294 -4.153 -4.816 0.202 0.000 N/A	N/A N/A 0.000 N/A N/A -12.848 -13.568 -15.680 -13.424 -15.024 -0.289 -4.355 -5.075 0.195	N/A N/A 0.000 N/A N/A -13.472 -14.249 -16.527 -14.094 -15.802 0.285 -4.549 -5.326 0.187 0.000 A	N/A N/A 0.000 N/A N/A 14.095 -14.927 -17.369 -14.765 -16.592 0.281 -4.737 -5.569 0.180 0.000 /A

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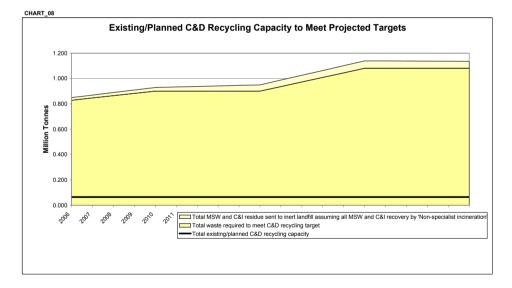
<sup>(1)</sup> ERM has assumed that 20% of the total "transfer capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

Berksnire RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	9 202	0 202	1 202	2 2023	2024
Recovery residues (% by weight)																				
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			) 30	0 30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59					59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12					12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45					45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 :	5 !	5 5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 5	5 5	5
Recycling residues (% by weight)																				
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	5 1:	5 1	5 1	5 15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	5 1	5 1	5 15	5 15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	5 1	5 1	5 1	5 15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10			) 10	0 10	10
Hazardous waste recycling			5	5	5	5	5	5	.5	5	5	5	.5	5			5 !			5
Other	3	3	3	3	5	5	3	3	3	3	5	3	5	5				,		
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	) 1	0 10	) 10	0 10	10
	N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					N/A
Ignored Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A					N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince					TWA.	IVA	14/4	IVA	INA	IVA	1905	IWA	IVA	1975	100	107	- 107	1107	1 10/2	IVA
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	9 202	0 202	1 202	2 2023	2024
Recovery residues (of waste managed):																				
MSW and C&I incineration (non-specialist) - bottom ash	0.039	0.043	0.046	0.050	0.054	0.058	0.065	0.073	0.082	0.090	0.099	0.103	0.106	0.110	0.113	3 0.11	7 0.116	0.11	5 0.113	0.112
MSW and C&I incineration (non-specialist) - fly ash	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.010	0.010	0.011	0.011	0.011	1 0.01	2 0.012	0.01	1 0.011	0.011
MSW and C&I to MBT	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	3 0.23	1 0.22	0.22	5 0.222	0.220
MSW and C&I to RDF	0.016	0.017		0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045					0.045
MSW and C&I treatment - non-hazardous	0.059		0.069	0.020	0.022	0.023	0.020	0.029	0.124	0.030	0.040	0.154	0.042	0.044	0.040					0.043
MSW and C&I treatment - hazardous	0.007	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014 A N/	0.015	0.017	0.017	0.018	0.018	0.019					0.019
Hazardous waste recovery	N/A I	N/A I	N/A N	N/A N/	I/A N/	/A N	/A N/.	A N	A N/	A N/A	N//	A N//	A N/	A N/	N/A	N/A	N/A	N/A	N/A	N/A
Recycling residues (of waste managed):																				
MSW and C&I recycling and composting	0.067	0.072		0.084	0.090	0.096	0.101	0.106	0.112	0.117	0.122	0.126	0.131	0.135	0.140	0.11		0.10		0.161
C&D recycling	0.081	0.083	0.085	0.086	0.088	0.090	0.090	0.090	0.090	0.090	0.090	0.094	0.097	0.101	0.104					0.108
Hazardous waste recycling	N/A 1	N/A I	N/A N	N/A N/	I/A N/	/A N	/A N/	A N	'A N/	A N/A	N//	A N//	4 N/	A N/	N/A	N/A	N/A	N/A	N/A	N/A
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.148	0.155	0.163	0.170	0.178	0.186	0.191	0.196	0.202	0.207	0.212	0.220	0.228	0.236	0.244	4 0.25	2 0.256	0.26	1 0.265	0.270
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (I	Million Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	9 202	0 202	1 202:	2 2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)		2000	2001	2000	2009	2010	2011	2012	2013	2014	2015	2010	2017	2010	2015	202	0 202	202	2 2023	2024
) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineral	tion' 0.020	0.021	0.023	0.025	0.027	0.029	0.033	0.037	0.041	0.045	0.050	0.051	0.053	0.055	0.057	7 0.05	9 0.05	0.05	7 0.057	0.056
Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.020	0.021	0.023	0.025	0.027	0.029	0.033	0.037	0.041	0.045	0.050	0.051	0.053	0.055	0.057	7 0.05	9 0.05	0.05	7 0.057	0.056
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																				
Total MSW and C&I residue sent to non-hazardous landfill	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	3 0.23	1 0.22	0.22	5 0.222	0.220
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																				
Total MSW and C&I residue sent to non-hazardous landfill	0.016	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	5 0.04	7 0.04	0.046	6 0.045	0.045
	0.016	0.017	0.016	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.04	7 0.041	0.04	0.045	0.045
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)								0.110	0 124	0.135	0 149		0.159			0.17				0.167
) Total MSW and C&I residue sent to non-hazardous landfill	0.059			0.075	0.081	0.087	0.098	0.110	0.121	0.100	0.110	0.154	0.159	0.165	0.170	0.17	6 0.174	0.172	2 0.170	0.167
1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in	ert landfill. In the	e original m	iodel assum	ptions develo	oped MEL 5	50% was as	ssumed to go	to C&D re	ecycling, rath	ner than to ir	ert landfi									
ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  ) C&D reused on landfill sites	39 9	%																		
) C&D reused on exempt sites	61 9	%																		
C&D reused on landfill sites sent to 'non-haz landfill'	30 9																			
	70 9																			
Cold reused on landfill sites sent to 'inert landfill'		,,,																		
CAD reused on landin sites sent to inertianonii	000-		2007	2022	2022	2012	2011	2012	2012	2011	2015	2012	2017	2012	201-		0 00-		0000	000
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019					2024
Fotal C&D reused on non-hazardous landfill	0.075	2006 0.074	0.073	2008	0.070	0.069	0.070	0.072	0.073	0.074	0.075	0.072	0.069	0.065	0.062	2 0.05	9 0.060	0.060	0.061	0.062
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill		2006		2008 0.072 0.167												2 0.05	9 0.060	0.060	0.061	
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.075 0.176	2006 0.074 0.173	0.073 0.170	0.167	0.070 0.164	0.069 0.161	0.070 0.164	0.072 0.167	0.073	0.074	0.075	0.072	0.069	0.065	0.062	2 0.05	9 0.060	0.060	0.061	0.062
Total reused C&D on inert landfill  1) C&D reuse rates based on original model assumptions developed MEL	0.075 0.176	2006 0.074 0.173 each sub-re	0.073 0.170 region has ac	0.167 ccounted for	0.070 0.164	0.069 0.161 as an engi	0.070 0.164 neering mate	0.072 0.167 erial.	0.073 0.170	0.074 0.173	0.075 0.176	0.072 0.168	0.069 0.160	0.065 0.153	0.062 0.145	2 0.05 5 0.13	9 0.066 7 0.139	0 0.060 9 0.14	0 0.061 1 0.143	0.062
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill ) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d	0.075 0.176 data supplied by	2006 0.074 0.173 each sub-re	0.073 0.170 region has ac	0.167 ccounted for 2008	0.070 0.164	0.069 0.161 as an engi	0.070 0.164	0.072 0.167 erial.	0.073 0.170	0.074 0.173	0.075 0.176	0.072 0.168	0.069 0.160	0.065 0.153	0.062 0.145	2 0.05 5 0.13	9 0.066 7 0.139	0 0.060 9 0.14	0 0.061 1 0.143 2 2023	0.062
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d DTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.075 0.176 0.176 data supplied by	2006 0.074 0.173 each sub-re	0.073 0.170 region has ac	0.167 ccounted for 2008	0.070 0.164 C&D reuse	0.069 0.161 as an engi	0.070 0.164 neering mate	0.072 0.167 erial.	0.073 0.170	0.074 0.173	0.075 0.176	0.072 0.168	0.069 0.160	0.065 0.153	0.062 0.145	0.05 0.13	9 0.060 7 0.139	0 0.060	0 0.061 1 0.143 2 2023	0.062 0.145
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.075 0.176 0.176 data supplied by	2006 0.074 0.173 e each sub-re 2006 N/A	0.073 0.170 region has ac	0.167 ccounted for 2008	0.070 0.164 C&D reuse	0.069 0.161 as an engi	0.070 0.164 neering mate	0.072 0.167 erial.	0.073 0.170	0.074 0.173	0.075 0.176	0.072 0.168	0.069 0.160	0.065 0.153	0.062 0.145	2 0.05 5 0.13 9 202 N/A	9 0.064 7 0.139 0 202 N/A	0 0.060 9 0.14	0 0.061 1 0.143 2 2023 N/A	0.062 0.145 0.145 2024 N/A
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes) SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.075 0.176 data supplied by 2005 N/A	2006 0.074 0.173 e each sub-re 2006 N/A	0.073 0.170 region has ac	0.167 ccounted for 2008 N/A N/	0.070 0.164 C&D reuse	0.069 0.161 as an engi	0.070 0.164 neering mate	0.072 0.167 erial. 2012 A No	0.073 0.170 2013	0.074 0.173 2014 A N/A	0.075 0.176	0.072 0.168	0.069 0.160	0.065 0.153 0.153	0.062 0.145 2019	2 0.05: 5 0.13: 9 202: N/A	9 0.06 7 0.13 0 202 N/A	0 0.06() 0.14	0 0.061 1 0.143 2 2023 N/A	0.062 0.145 0.145 2024 N/A
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capacity)	0.075 0.176 0.176 data supplied by 2005 N/A 1	2006 0.074 0.173 e each sub-re 2006 N/A I	0.073 0.170 egion has ac 2007 N/A N 2007	0.167  ccounted for  2008  N/A N/  2008  0.005	0.070 0.164 C&D reuse 2009 I/A N/ 2009	0.069 0.161 as an engi 2010 //A N 2010	0.070 0.164 neering mate 2011 //A N// 2011	0.072 0.167 erial. 2012 A N.	0.073 0.170 2013 A N/ 2013	0.074 0.173 2014 A N// 2014	2015 0.010	0.072 0.168 2016 A N// 2016	0.069 0.160 2017 A N// 2017	0.065 0.153 2018 A N/ 2018	0.062 0.145 0.145 2019 N/A 2019	2 0.055 5 0.13 9 2020 N/A 9 2020	9 0.06 7 0.13 0 202 N/A 0 202 2 0.01	0 0.06(a) 0 0.14 1 2022 N/A 1 2022	0 0.061 1 0.143 2 2023 N/A 2 2023 1 0.011	0.062 0.145 0.145 2024 N/A 2024
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I recives to the hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.075 0.176 lata supplied by 2005 N/A 1 2005 0.004	2006 0.074 0.173 e each sub-re 2006 N/A 1 2006 0.004	0.073 0.170 region has ac 2007 N/A N 2007 0.005	0.167  ccounted for  2008  N/A N/  2008  0.005  0.000	0.070 0.164 C&D reuse 2009 I//A N// 2009 0.005	0.069 0.161 a as an engi 2010 /A N 2010 0.006	0.070 0.164 neering mate 2011 /A N// 2011 0.007	0.072 0.167 erial. 2012 A Na 2012 0.007	0.073 0.170 2013 (A N/ 2013 0.008	2014 A N// 2014 0.009	2015 0.075 0.176 2015 0.010 0.000	2016 A N/// 2016 0.010	2017 A N/A 2017 0.011	2018 A N/ 2018 0.011	2019 0.011 2019 0.011	2 0.05 5 0.13 9 202 N/A 9 202 1 0.01:	9 0.06(7 0.13) 0 202 N/A 0 202 2 0.01)	0 0.06(0) 0 0.14(1) 1 2022 N/A 1 2022 2 0.01(1)	2 2023 N/A 2 2023 1 0.011 0 0.000	0.062 0.145 0.145 2024 N/A 2024 0.011
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because it has been assumed that devote the charts because the charts b	0.075 0.176 0.176 data supplied by 2005 N/A 1	2006 0.074 0.173 e each sub-re 2006 N/A I	0.073 0.170 egion has ac 2007 N/A N 2007	0.167  ccounted for  2008  N/A N/  2008  0.005	0.070 0.164 C&D reuse 2009 I/A N/ 2009	0.069 0.161 as an engi 2010 //A N 2010	0.070 0.164 neering mate 2011 //A N// 2011	0.072 0.167 erial. 2012 A N.	0.073 0.170 2013 A N/ 2013	0.074 0.173 2014 A N// 2014	2015 0.010	0.072 0.168 2016 A N// 2016	0.069 0.160 2017 A N// 2017	0.065 0.153 2018 A N/ 2018	0.062 0.145 0.145 2019 N/A 2019	2 0.05 5 0.13 9 202 N/A 9 202 1 0.01:	9 0.06(7 0.13) 0 202 N/A 0 202 2 0.01)	0 0.06(0) 0 0.14(1) 1 2022 N/A 1 2022 2 0.01(1)	2 2023 N/A 2 2023 1 0.011 0 0.000	0.062 0.145 0.145 2024 N/A 2024
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'NDP' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MDP' (based on total recovery capacity)	0.075 0.176 0.176 data supplied by 2005 N/A 1 2005 0.004 0.000	2006 0.074 0.173 r each sub-re 2006 N/A I 2006 0.004 0.000	0.073 0.170 region has ac 2007 N/A N 2007 0.005	0.167  ccounted for  2008  N/A N/  2008  0.005  0.000	0.070 0.164 C&D reuse 2009 U//A N/ 2009 0.005 0.000	0.069 0.161 as an engi 2010 /A N 2010 0.006	0.070 0.164 neering mate 2011 /A N/, 2011 0.007 0.000	0.072 0.167 erial. 2012 A N. 2012 0.007 0.000	0.073 0.170 2013 A N/ 2013 0.008 0.000	2014 A N/A 2019 0.009 0.000	2015 2015 2015 2015 0.010 0.000	2016 A N// 2016 0.010 0.000	2017 A N// 2017 0.011 0.000	2018 A N/ 2018 0.011 0.000	2019 0.011 2019 0.011 0.000	9 202 N/A 9 202 1 0.013	9 0.06(7 0.13) 0 202 N/A 0 202 2 0.01; 0 0.000	0 0.06(9) 0.14(9) 0.14(1) 0.14	2 2023 N/A 2023 0 0.000 0 0.000	0.062 0.145 2024 N/A 2024 0.011 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'NDP' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MDP' (based on total recovery capacity)	0.075 0.176 lata supplied by 2005 N/A 1 2005 0.004	2006 0.074 0.173 e each sub-re 2006 N/A 1 2006 0.004	0.073 0.170 region has ac 2007 N/A N 2007 0.005	0.167  ccounted for  2008  N/A N/  2008  0.005  0.000	0.070 0.164 C&D reuse 2009 I//A N// 2009 0.005	0.069 0.161 a as an engi 2010 /A N 2010 0.006	0.070 0.164 neering mate 2011 /A N// 2011 0.007	0.072 0.167 erial. 2012 A Na 2012 0.007	0.073 0.170 2013 (A N/ 2013 0.008	2014 A N// 2014 0.009	2015 0.075 0.176 2015 0.010 0.000	2016 A N/// 2016 0.010	2017 A N/A 2017 0.011	2018 A N/ 2018 0.011	2019 0.011 2019 0.011	9 202 N/A 9 202 1 0.013	9 0.06(7 0.13) 0 202 N/A 0 202 2 0.01; 0 0.000	0 0.06(9) 0.14(9) 0.14(1) 0.14	2 2023 N/A 2023 0 0.000 0 0.000	0.062 0.145 0.145 2024 N/A 2024 0.011
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill Total reused C&D on inert landfill NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d ITAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  ITAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Rotment' (based on total recovery capacity)	0.075 0.176 0.176 data supplied by 2005 N/A ! 2005 0.004 0.000 0.000	2006 0.074 0.173 each sub-re 2006 N/A 1 2006 0.004 0.000 0.000	0.073 0.170 egion has ac 2007 N/A N 2007 0.005 0.000 0.000	0.167  ccounted for  2008  N/A N/  2008  0.005  0.000  0.000	0.070 0.164 C&D reuse 2009 U//A N/ 2009 0.005 0.000	0.069 0.161 as an engi 2010 /A N 2010 0.006	0.070 0.164 neering mate 2011 /A N/, 2011 0.007 0.000	0.072 0.167 erial. 2012 A N. 2012 0.007 0.000	0.073 0.170 2013 A N/ 2013 0.008 0.000	2014 A N/A 2019 0.009 0.000	2015 2015 2015 2015 0.010 0.000	2016 A N// 2016 0.010 0.000	2017 A N// 2017 0.011 0.000	2018 A N/ 2018 0.011 0.000	2019 0.011 2019 0.011 0.000	9 202 N/A 9 202 1 0.013	9 0.06(7 0.13) 0 202 N/A 0 202 2 0.01; 0 0.000	0 0.06(9) 0.14(9) 0.14(1) 0.14	2 2023 N/A 2023 0 0.000 0 0.000	0.062 0.145 2024 N/A 2024 0.011 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that department of the charts because it has been assumed that department of the chart secure is the second of the chart secure is the second of the chart se	0.075 0.176 0.176 data supplied by 2005 N/A ! 2005 0.004 0.000 0.000	2006 0.074 0.173 each sub-re 2006 N/A 1 2006 0.004 0.000 0.000	0.073 0.170 egion has ac 2007 N/A N 2007 0.005 0.000 0.000	0.167  ccounted for  2008  N/A N/  2008  0.005  0.000  0.000	0.070 0.164 C&D reuse 2009 U//A N/ 2009 0.005 0.000	0.069 0.161 as an engi 2010 /A N 2010 0.006	0.070 0.164 neering mate 2011 /A N/, 2011 0.007 0.000	0.072 0.167 erial. 2012 A N. 2012 0.007 0.000	0.073 0.170 2013 A N/ 2013 0.008 0.000	2014 A N/A 2019 0.009 0.000	2015 2015 2015 2015 0.010 0.000	2016 A N// 2016 0.010 0.000	2017 A N// 2017 0.011 0.000	2018 A N/ 2018 0.011 0.000	2019 0.011 2019 0.011 0.000	9 202 N/A 9 202 0 0.013	9 0.06(7 0.13) 0 202 N/A 0 202 2 0.01; 0 0.000	0 0.06(9) 0.14(9) 0.14(1) 0.14	2 2023 N/A 2023 0 0.000 0 0.000	0.062 0.145 2024 N/A 2024 0.011 0.000

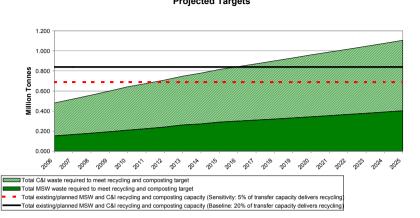


Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.



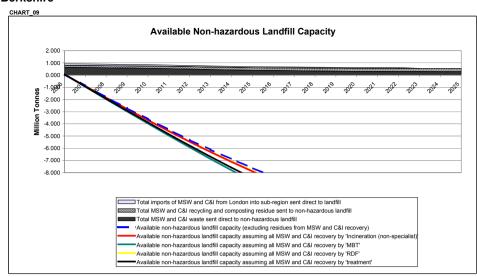


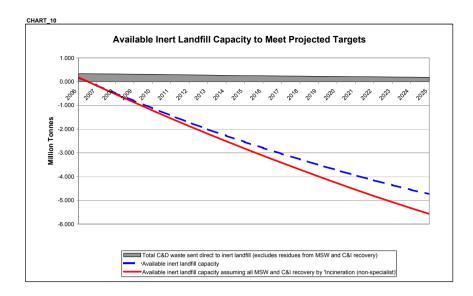


Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)

NOTE: This capacity does not represent the quantity of material that is recycled and composted.

CHART\_07





#### SUMMARY DATA AND RESULTS FOR BUCKINGHAMSHIRE

	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW SW	TACTE COLD TO CENERATE RECOURTS (Million Formes)		0.304	0.312	0.320	0.328	0.336	0.343	0.350	0.357	0.364	0.371	0.377	0.382	0.388	0.394	0.400	0.406	0.412	0.418	0.424
	s from london that are sent direct to non-hazardous landfill		0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034
i .			0.922	0.945	0.969	0.993	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260
	from london that are sent direct to non-hazardous landfill		0.217	0.211	0.206	0.200	0.194 0.711	0.184 0.711	0.173	0.162 0.711	0.151 0.711	0.140 0.711	0.134	0.129	0.123	0.117 0.711	0.111	0.108	0.106 0.711	0.103 0.711	0.101
d zardous			0.711 0.012	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711 0.015	0.711	0.711	0.711	0.711	0.711	0.711	0.711
zardous			0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
ASTE STRE	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW	LATS shortfall (how much extra is landfilled above LATS target)		-0.006	-0.004	-0.002	0.002	0.008	0.011	0.014	0.016	0.010	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001
	Recycling and composting target		0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250
	Recovery target		0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	0.105
	Non-hazardous landfill		0.188	0.182	0.175	0.166	0.154	0.139	0.123	0.108	0.100	0.093	0.088	0.084	0.079	0.074	0.068	0.068	0.068	0.069	0.069
	Recycling and composting target		0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	0.806
	Recovery target		0.131	0.136	0.141	0.147 0.369	0.153 0.356	0.166 0.343	0.180 0.328	0.194 0.313	0.209	0.225	0.230	0.236	0.242	0.248 0.241	0.254	0.252	0.249	0.247 0.215	0.244
	Non-hazardous landfill Recycling target		0.404	0.393	0.382	0.369	0.356	0.343	0.328	0.313	0.297	0.281	0.271	0.262	0.251	0.241	0.230	0.225	0.220	0.215	0.209
	Recovery target		0.252	0.334	0.243	0.239	0.235	0.330	0.330	0.330	0.350	0.356	0.245	0.233	0.222	0.211	0.427	0.202	0.205	0.427	0.427
	Inert landfill		0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.080	0.077	0.074
	Hazardous waste		0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	s that this e	extra waste	is recycled/o	composted	and recover	ed at the sa	me ratio as t	he regional	targets for r	ecycling/co	mposting a	nd recovery	for that year	ar.					
											•				,						
STING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (																			
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
V and C&I	l recovery																				
	Total existing/planned MSW and C&I recovery capacity		0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
	Surplus/deficit capacity		0.036	0.026	0.016	0.004	-0.008	-0.032	-0.056	-0.081	-0.105	-0.128	-0.138	-0.148	-0.158	-0.169	-0.180	-0.176	-0.172	-0.168	-0.163
	Tecycling and composting  Total existing/planned MSW and CR I recycling and composting connecting c		0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.414	0.354	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.354	0.414	0.414
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.071	-0.108	-0.147	-0.189	-0.235	-0.267	-0.300	-0.334	-0.362	-0.392	-0.418	-0.446	-0.474	-0.502	-0.532	-0.559	-0.586	-0.614	-0.642
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.071	-0.168	-0.147	-0.169	-0.235	-0.207	-0.361	-0.334	-0.302	-0.352	-0.418	-0.506	-0.474	-0.562	-0.532	-0.559	-0.560	-0.675	-0.703
ecycling	1		0.101	0.100	0.201	0.210	0.200	0.020	0.001	0.000	0.120	0.102	0.110	0.000	0.001	0.000	0.000	0.020	0.017	0.070	0.700
,	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	-0.427
ecovery	·																				
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.542	1.463	1.384	1.305	1.225	1.200	1.175	1.150	1.125	1.100	1.080	1.060	1.040	1.020	1.000	1.018	1.036	1.054	1.072
	aste recycling																				
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	aste recovery Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit canacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
nazardou																					
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		10.500	9.515	8.547	7.599	6.672	5.770	4.907	4.083	3.299	2.548	1.831	1.131	0.447	-0.220	-0.869	-1.499	-2.125	-2.747	-3.365
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.492	8.501	7.527	6.572	5.641	4.745	3.885	3.061	2.266	1.502	0.753	0.019	-0.699	-1.402	-2.087	-2.768	-3.443	-4.114
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		10.500	9.426	8.364	7.315	6.280	5.264	4.272	3.305	2.363	1.440	0.537	-0.355	-1.236	-2.106	-2.965	-3.811	-4.651	-5.484	-6.311
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		10.500	9.497	8.510	7.541	6.592	5.667	4.778	3.925	3.108	2.323	1.568	0.829	0.105	-0.603	-1.295	-1.969	-2.639	-3.304	-3.964
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		10.500	9.447	8.408	7.382	6.373	5.384	4.422	3.489	2.585	1.703	0.844	-0.002	-0.837	-1.658	-2.467	-3.263	-4.052	-4.835	-5.612
andfill	Augilable lead leadill servite		20.054	25.040	25.700	05.000	25 520	25.440	25.204	25.400	25.004	24.077	04.070	04.704	04.007	24 500	24 500	04.400	24.240	24.200	24 402
	Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		26.051	25.919 25.896	25.789 25.743	25.663	25.539 25.439	25.418	25.301 25.140	25.189	25.081	24.977	24.878 24.549	24.781	24.687	24.596	24.508	24.422	24.340	24.260	24.183
rdous lar			20.031	25.650	20.143	25.590	25.459	20.209	20.140	24.331	24.043	24.090	24.048	24.403	24.209	24.110	23.913	23.033	23.090	23.304	23.433
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.		2.300	2.300	2.300	2.300	2.300	2.300				2.200			2.200	2.300	2.000				
																				0.000	0.000
																				0.000	0.000
_01: AF	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																		2022	2023	2024
(1)	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	2022	2023	2024
(1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 109%	2.5% 112%	2.5% 115%	2.5% 118%	2.5% 121%	2.5% 124%	2.0% 126%	2.0% 129%	2.0% 131%	2.0% 134%	2.0% 136%	1.5% 139%	1.5% 141%	1.5% 143%	1.5% 145%	1.5% 147%	1.5% 149%	2022 1.5% 151%	2023 1.5% 154%	2024 1.5% 156%
(1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts	3.0% 109% 0.297	2.5% 112% 0.304	2.5% 115% 0.312	2.5% 118% 0.320	2.5% 121% 0.328	2.5% 124% 0.336	2.0% 126% 0.343	2.0% 129% 0.350	2.0% 131% 0.357	2.0% 134% 0.364	2.0% 136% 0.371	1.5% 139% 0.377	1.5% 141% 0.382	1.5% 143% 0.388	1.5% 145% 0.394	1.5% 147% 0.400	1.5% 149% 0.406	2022 1.5% 151% 0.412	2023 1.5% 154% 0.418	2024 1.5% 156% 0.424
(1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sur-	3.0% 109% 0.297 3.0%	2.5% 112% 0.304 2.5%	2.5% 115% 0.312 2.5%	2.5% 118% 0.320 2.5%	2.5% 121% 0.328 2.5%	2.5% 124% 0.336 2.5%	2.0% 126% 0.343 2.0%	2.0% 129% 0.350 2.0%	2.0% 131% 0.357 2.0%	2.0% 134% 0.364 2.0%	2.0% 136% 0.371 2.0%	1.5% 139% 0.377 1.5%	1.5% 141% 0.382 1.5%	1.5% 143% 0.388 1.5%	1.5% 145% 0.394 1.5%	1.5% 147% 0.400 1.5%	1.5% 149% 0.406 1.5%	2022 1.5% 151% 0.412 1.5%	2023 1.5% 154% 0.418 1.5%	2024 1.5% 156% 0.424 1.5%
(1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth trate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%)	3.0% 109% 0.297 3.0% 109%	2.5% 112% 0.304 2.5% 112%	2.5% 115% 0.312 2.5% 115%	2.5% 118% 0.320 2.5% 118%	2.5% 121% 0.328 2.5% 121%	2.5% 124% 0.336 2.5% 124%	2.0% 126% 0.343 2.0% 126%	2.0% 129% 0.350 2.0% 129%	2.0% 131% 0.357 2.0% 131%	2.0% 134% 0.364 2.0% 134%	2.0% 136% 0.371 2.0% 136%	1.5% 139% 0.377 1.5% 139%	1.5% 141% 0.382 1.5% 141%	1.5% 143% 0.388 1.5% 143%	1.5% 145% 0.394 1.5% 145%	1.5% 147% 0.400 1.5% 147%	1.5% 149% 0.406 1.5% 149%	2022 1.5% 151% 0.412 1.5% 151%	2023 1.5% 154% 0.418 1.5% 154%	2024 1.5% 156% 0.424 1.5% 156%
(1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSV using regional growth roccasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSV using sub-regional growth forecasts	3.0% 109% 0.297 3.0%	2.5% 112% 0.304 2.5%	2.5% 115% 0.312 2.5%	2.5% 118% 0.320 2.5%	2.5% 121% 0.328 2.5%	2.5% 124% 0.336 2.5%	2.0% 126% 0.343 2.0%	2.0% 129% 0.350 2.0%	2.0% 131% 0.357 2.0%	2.0% 134% 0.364 2.0%	2.0% 136% 0.371 2.0%	1.5% 139% 0.377 1.5%	1.5% 141% 0.382 1.5%	1.5% 143% 0.388 1.5%	1.5% 145% 0.394 1.5%	1.5% 147% 0.400 1.5%	1.5% 149% 0.406 1.5%	2022 1.5% 151% 0.412 1.5%	2023 1.5% 154% 0.418 1.5%	2024 1.5% 156% 0.424 1.5%
(1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - pre year (%) Forecast sub-regional growth rate of MSW - or year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year	3.0% 109% 0.297 3.0% 109% 0.297	2.5% 112% 0.304 2.5% 112% 0.304	2.5% 115% 0.312 2.5% 115% 0.312	2.5% 118% 0.320 2.5% 118% 0.320	2.5% 121% 0.328 2.5% 121% 0.328	2.5% 124% 0.336 2.5% 124% 0.336	2.0% 126% 0.343 2.0% 126% 0.343	2.0% 129% 0.350 2.0% 129% 0.350	2.0% 131% 0.357 2.0% 131% 0.357	2.0% 134% 0.364 2.0% 134% 0.364	2.0% 136% 0.371 2.0% 136% 0.371	1.5% 139% 0.377 1.5% 139% 0.377	1.5% 141% 0.382 1.5% 141% 0.382	1.5% 143% 0.388 1.5% 143% 0.388	1.5% 145% 0.394 1.5% 145% 0.394	1.5% 147% 0.400 1.5% 147% 0.400	1.5% 149% 0.406 1.5% 149% 0.406	2022 1.5% 151% 0.412 1.5% 151% 0.412	2023 1.5% 154% 0.418 1.5% 154% 0.418	2024 1.5% 156% 0.424 1.5% 156% 0.424
(1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using surb-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297	2.5% 112% 0.304 2.5% 112% 0.304 2.5%	2.5% 115% 0.312 2.5% 115% 0.312	2.5% 118% 0.320 2.5% 118% 0.320 2.5%	2.5% 121% 0.328 2.5% 121% 0.328	2.5% 124% 0.336 2.5% 124% 0.336	2.0% 126% 0.343 2.0% 126% 0.343	2.0% 129% 0.350 2.0% 129% 0.350	2.0% 131% 0.357 2.0% 131% 0.357	2.0% 134% 0.364 2.0% 134% 0.364	2.0% 136% 0.371 2.0% 136% 0.371	1.5% 139% 0.377 1.5% 139% 0.377	1.5% 141% 0.382 1.5% 141% 0.382	1.5% 143% 0.388 1.5% 143% 0.388	1.5% 145% 0.394 1.5% 145% 0.394	1.5% 147% 0.400 1.5% 147% 0.400	1.5% 149% 0.406 1.5% 149% 0.406	2022 1.5% 151% 0.412 1.5% 151% 0.412	2023 1.5% 154% 0.418 1.5% 154% 0.418	2024 1.5% 156% 0.424 1.5% 156% 0.424 1.0%
(1) (1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120%	2.5% 115% 0.312 2.5% 115% 0.312	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136%	2.0% 129% 0.350 2.0% 129% 0.350	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149%	1.5% 141% 0.382 1.5% 141% 0.382	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153%	1.5% 145% 0.394 1.5% 145% 0.394 1.5%	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158%	1.5% 149% 0.406 1.5% 149% 0.406 1.0%	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163%	2024 1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164%
(1) (1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using surb-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117%	2.5% 112% 0.304 2.5% 112% 0.304 2.5%	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123%	2.5% 118% 0.320 2.5% 118% 0.320 2.5%	2.5% 121% 0.328 2.5% 121% 0.328	2.5% 124% 0.336 2.5% 124% 0.336	2.0% 126% 0.343 2.0% 126% 0.343	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138%	2.0% 131% 0.357 2.0% 131% 0.357	2.0% 134% 0.364 2.0% 134% 0.364	2.0% 136% 0.371 2.0% 136% 0.371	1.5% 139% 0.377 1.5% 139% 0.377	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151%	1.5% 143% 0.388 1.5% 143% 0.388	1.5% 145% 0.394 1.5% 145% 0.394	1.5% 147% 0.400 1.5% 147% 0.400	1.5% 149% 0.406 1.5% 149% 0.406	2022 1.5% 151% 0.412 1.5% 151% 0.412	2023 1.5% 154% 0.418 1.5% 154% 0.418	2024 1.5% 156% 0.424 1.5% 156% 0.424 1.0%
(1) (1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5%	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5%	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0%	2024 1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260
(1) (1) (1) (1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional evel growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3%	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 1.56% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235	2023 1.5% 154% 0.418 1.5% 0.418 1.0% 163% 1.247	2024 1.5% 156% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0%
(1) (1) (1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117%	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120%	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123%	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 1.018 2.5% 1.33%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153%	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 156%	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0%	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0%	2024 1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (dous	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of coal - cumulative (%) Total arisings of C&I using sub-regional growth forecasts	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120%	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123%	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.5%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153%	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 1.193 1.5% 1.193 1.5%	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.0% 1.223 1.0% 1.223	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0%	1.5% 156% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (dous	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional evel growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast steplonal level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 1.124	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.56% 1.193 1.56% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 144%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 1.223	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.260
(1) (1) (1) (1) (1) (1) (1) (1) (dous	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of company to the company t	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 123% 0.945	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.5%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 1.5% 1.175 1.5% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 1.193 1.5% 1.193 1.5%	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.0% 1.223 1.0% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0%	1.5% 156% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (1) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional evel growth rate of MSW - per year (%) Forecast sub-regional evel growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast stepional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.912 2.5%	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5%	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 10.012 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.093	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 121% 0.013 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 126% 0.013 2.0%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141 1.5% 135% 0.014 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151% 1.158 1.5% 1.5% 1.5% 1.5%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 1.39% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.193 1.5% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210 1.5% 144% 0.015 1.5%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.0% 1.223 1.0% 180% 1.223 1.0% 145% 0.016 1.0%	2022 1.5% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0% 146% 0.016 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 148% 0.016	1.5% 0.424 1.5% 0.424 1.5% 156% 0.424 1.260 1.0% 1.260 1.0% 1.260 1.0% 1.260
(1) (1) (1) (1) (1) (1) (1) (1) (1) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.912 2.5% 109% 0.929	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5%	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.912 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.13	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018 2.5% 121% 0.013 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 1.36% 1.038 2.0% 1.36% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 3.350 2.0% 1.059 2.0% 1.059 2.0% 1.059 2.0% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0% 131%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.49% 1.141 1.5% 1.35% 0.014 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 1.39% 0.015 1.5% 139%	1.5% 1.45% 0.394 1.5% 1.45% 0.394 1.5% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193	1.5% 0.400 1.5% 0.400 1.5% 0.400 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.44% 0.015 1.5%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.00% 1.223 1.0% 1.0% 1.223 1.0% 1.223 1.0% 1.223	2022 1.5% 0.412 1.5% 0.412 1.5% 0.412 1.0% 161% 1.235 1.0% 161% 1.236 1.0% 146% 0.016 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 163% 1.247 1.0%	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 1.260 1.0% 1.260 1.0% 1.260 1.0% 1.260
(1) (1) (1) (1) (1) (1) (1) (1) (1) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CSI in baseline year Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional growth rate of CSI - per year (%) Forecast sub-regional level growth rate of CSI - per year (%) Forecast sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of cSI - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.912 2.5%	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5%	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 10.012 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.093	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 121% 0.013 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 126% 0.013 2.0%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141 1.5% 135% 0.014 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151% 1.158 1.5% 1.5% 1.5% 1.5%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 1.39% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.193 1.5% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210 1.5% 144% 0.015 1.5%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.0% 1.223 1.0% 180% 1.223 1.0% 145% 0.016 1.0%	2022 1.5% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0% 146% 0.016 1.0%	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 148% 0.016	1.5% 0.424 1.5% 0.424 1.5% 156% 0.424 1.260 1.0% 1.260 1.0% 1.260 1.0% 1.260
(1) (1) (1) (1) (1) (1) (1) (1) (1) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste rowth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste rowth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste rowth rate of hazardous waste - cumulative (%) Total arisings of Abzardous waste	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.90 3.3% 107% 0.011	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 112% 0.012	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.999 2.5% 115% 0.012	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018 2.5% 121% 0.013	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 123% 0.013	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 126% 0.013	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 131% 0.014 2.0% 131% 0.014	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133% 0.014	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.5% 1.141 1.5% 1.5% 0.014	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.37% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 139% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.56% 1.193 1.56% 1.193 1.55% 1.193 1.55% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 144% 0.015	1.5% 149% 0.406 1.5% 149% 0.406 1.223 1.0% 1.223 1.0% 145% 0.016	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 146% 0.016 1.0%	2023 1.5% 154% 0.418 1.5% 154% 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 163% 1.247 1.0%	2024 1.5% 0.424 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0% 149% 0.016 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CSI in baseline year Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional growth rate of CSI - per year (%) Forecast sub-regional level growth rate of CSI - per year (%) Forecast sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 0.012	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5% 112% 0.012	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.012 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013 2.5%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018 2.5% 121% 0.013 2.5% 121% 0.013	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038 0.013 0.013	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 1.059 2.0% 1.069 2.0% 1.069 2.0% 1.069 0.013	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133% 0.014	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141 1.5% 0.014 1.5% 0.014	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151% 1.158 1.5% 1.5% 1.5% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 1.39% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.56% 1.193 1.5% 141% 0.015	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210 1.5% 144% 0.015	1.5% 149% 0.406 1.5% 0.406 1.0% 160% 1.023 1.0% 160% 1.223 1.0% 160% 1.223 1.0% 1.05 1.05 1.05 0.016	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0% 1.	2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 148% 0.016 1.0%	2024 1.5% 0.424 1.5% 0.424 1.5% 1.56% 0.424 1.0% 164% 1.260 1.0% 1.49% 0.016 1.0% 0.016
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste rowth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste rowth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste rowth rate of hazardous waste - cumulative (%) Total arisings of Abzardous waste	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.90 3.3% 107% 0.011	2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012	2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 112% 0.012	2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.999 2.5% 115% 0.012	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018 2.5% 121% 0.013	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 123% 0.013	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 126% 0.013	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 131% 0.014 2.0% 131% 0.014	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133% 0.014	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.5% 1.141 1.5% 1.5% 0.014	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.37% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 139% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.56% 1.193 1.56% 1.193 1.55% 1.193 1.55% 1.193	1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 144% 0.015	1.5% 149% 0.406 1.5% 149% 0.406 1.223 1.0% 1.223 1.0% 145% 0.016	2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 146% 0.016 1.0%	2023 1.5% 154% 0.418 1.5% 154% 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 163% 1.247 1.0%	2024 1.5% 0.424 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0% 149% 0.016 1.0%

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

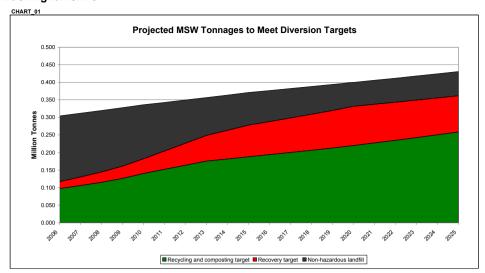
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

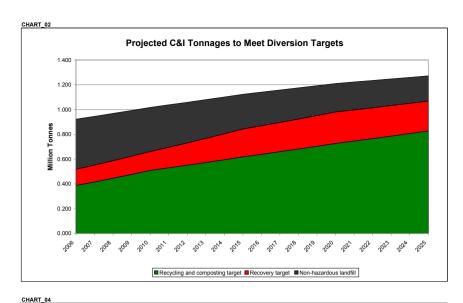
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

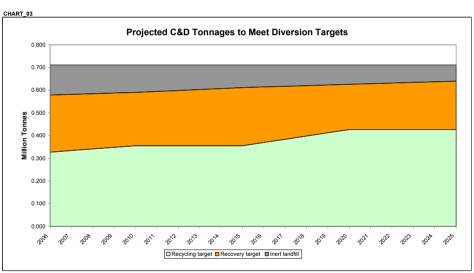
DATA_02: IN	TER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%
(1)	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.296	0.288	0.281	0.274	0.266	0.259	0.244	0.230	0.215	0.201	0.186	0.179	0.171	0.163	0.156	0.148	0.144	0.141	0.138	0.134	0.131
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098

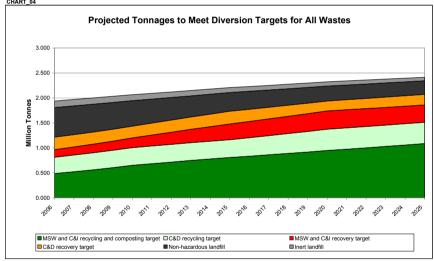
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloadable from http://www.southeast-ra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_s
Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seorrate waste streams of MSW and C&I was solit according to formace arisings of MSW and C&I waste.

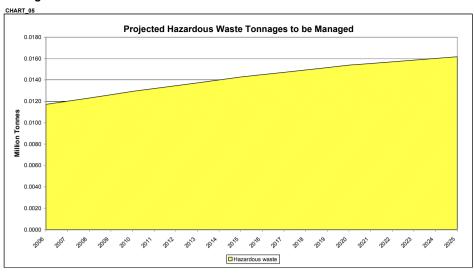
	ANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
nsw - imports	from london that are sent direct to non-hazardous landfill	0.297 0.073	0.304 0.072	0.312 0.070	0.320 0.068	0.328 0.066	0.336 0.064	0.343 0.061	0.350 0.057	0.357 0.053	0.364 0.050	0.371 0.046	0.377 0.044	0.382 0.042	0.388 0.041	0.394 0.039	0.400 0.037	0.406 0.036	0.412 0.035	0.418 0.035	0.424	0.431 0.033
&i		0.900	0.922	0.945	0.969	0.993	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260	1.272
	rom london that are sent direct to non-hazardous landfill	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
&d		0.711 0.011	0.711	0.711	0.711	0.711	0.711	0.711	0.711 0.013	0.711 0.014	0.711 0.014	0.711 0.014	0.711 0.014	0.711	0.711	0.711 0.015	0.711	0.711	0.711 0.016	0.711	0.711	0.711
azardous		0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
ATA_04: TA	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ISW (1	landfill (Mt)	0.137	0.133	0.128	0.121	0.112	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.048
	recovered (%)	5	6.4	7.8	9.2	10.6	12 40	14.4	16.8 44.0	19.2	21.6	24 50	24.8	25.6	26.4	27.2	28 55	27.2	26.4	25.6	24.8	24 60
d	recycled and composted (%) recovered (%)	30 14	32.0 14.2	34.0 14.4	36.0 14.6	38.0 14.8	15	42.0 16.0	17.0	46.0 18.0	48.0 19.0	20	51.0 20.2	52.0 20.4	53.0 20.6	54.0 20.8	21	56.0 20.6	57.0 20.2	58.0 19.8	59.0 19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
zardous	landfill (%)	N/A N/A	N/A N/A	N/A N/A																		
	recovered (%) recycled (%)	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	N/A N/A	N/A N/A	N/A							
	iodysica (iv)	1071	1471	1477	1671	1671	1071	1471	1471	1477	1477	1471	1071	14074	1471	1671	14071	1471	1671	1471	1477	147
(1	ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
A_05: W	ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
,		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total MSW to be recovered and recycled/composted to meet target	0.104 0.193	0.117 0.188	0.130	0.145 0.175	0.159	0.175 0.161	0.193 0.149	0.213 0.137	0.233	0.253	0.275 0.096	0.285 0.091	0.297 0.086	0.308	0.320	0.332	0.338	0.343	0.349	0.356	0.362
	Total MSW not-diverted by targets Percentage of MSW that is biodegradable (% by weight)	0.193	0.188	0.182 68	0.175	0.169 68	0.161	0.149	0.137	0.124	0.111 68	0.096	0.091	0.086	0.080	0.074	0.068	0.068	0.068	68	0.069 68	0.069
	Total BMW not-diverted by targets	0.131	0.128	0.124	0.119	0.115	0.110	0.102	0.093	0.084	0.075	0.066	0.062	0.058	0.054	0.050	0.046	0.046	0.046	0.047	0.047	0.047
	LATS shortfall (how much extra is landfilled above LATS target)	-0.005	-0.006	-0.004	-0.002	0.002	0.008	0.011	0.014	0.016	0.010	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.00
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	299
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.002	0.006	0.008	0.010	0.012	0.007	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227 0.110	0.235	0.242	0.250	0.258
	Recovery target Non-hazardous landfill	0.015 0.193	0.019 0.188	0.024 0.182	0.029 0.175	0.035 0.166	0.042 0.154	0.052 0.139	0.063 0.123	0.073	0.082	0.090	0.094	0.098 0.084	0.103	0.107 0.074	0.112	0.110	0.109	0.107	0.105	0.103
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.123	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.00
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling and composting target	0.360 0.126	0.387	0.416 0.136	0.446 0.141	0.477	0.509 0.153	0.529 0.166	0.551 0.180	0.572 0.194	0.595 0.209	0.618 0.225	0.639 0.230	0.660 0.236	0.681 0.242	0.704 0.248	0.726 0.254	0.746 0.252	0.766 0.249	0.786 0.247	0.806	0.827
	Recovery target Non-hazardous landfill	0.126	0.131 0.404	0.136	0.141	0.147 0.369	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244	0.24
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.427
	Recovery target Inert landfill	0.256 0.135	0.252 0.132	0.247 0.129	0.243 0.127	0.239 0.124	0.235 0.121	0.239 0.117	0.243 0.112	0.247	0.252 0.104	0.256 0.100	0.245 0.097	0.233 0.094	0.222	0.211	0.199 0.085	0.202	0.205 0.080	0.208 0.077	0.211	0.213
	THER MINIMI CHECK COUNTER (should be zero)	0.000	0.132	0.129	0.000	0.124	0.000	0.000	0.112	0.000	0.104	0.000	0.000	0.094	0.000	0.000	0.000	0.002	0.000	0.000	0.074	0.00
	CITEDIA CODIALEA (alludia de Zelo)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
rdous	Hazardous waste	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
A 06: T	OTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.449	0.485	0.522	0.561	0.603	0.649	0.682	0.714	0.748	0.776	0.806	0.833	0.860	0.888	0.916	0.946	0.973	1.000	1.028	1.056	1.085
	C&D recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.42
	MSW and C&I recovery target	0.141	0.150	0.160	0.171	0.182	0.195	0.218	0.243	0.268	0.291	0.315	0.325	0.335	0.345	0.355	0.366	0.362	0.358	0.354	0.350	0.345
	C&D recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211	0.213
	Non-hazardous landfill Inert landfill	0.607 0.135	0.591 0.132	0.575 0.129	0.557 0.127	0.536 0.124	0.510 0.121	0.481 0.117	0.451 0.112	0.421 0.108	0.398 0.104	0.374	0.360 0.097	0.345 0.094	0.330 0.091	0.315 0.088	0.298 0.085	0.293 0.082	0.288	0.283	0.278	0.272
	Hazardous waste	0.135	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.000	0.065	0.062	0.016	0.017	0.074	0.071
	Hazardous waste	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.013	0.013	0.015	0.010	0.010	0.010	0.010	0.010	0.0









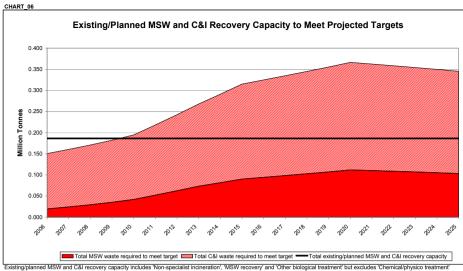


DATA 07: EXISTING/DI ANNED	CARACITY FOR RECYCLING	DECOVERY AND	I ANDEILLING AND TO	TAL WASTE TONNAGES TO	O EACH DISPOSAL ROUTE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
Total existing/planned MSW and C&I recovery capacity	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
Total MSW waste required to meet target	0.015	0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	0.105	0.103
Total C&I waste required to meet target	0.126	0.131	0.136	0.141	0.147	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244	0.242
Surplus/deficit capacity	0.046	0.036	0.026	0.016	0.004	-0.008	-0.032	-0.056	-0.081	-0.105	-0.128	-0.138	-0.148	-0.158	-0.169	-0.180	-0.176	-0.172	-0.168	-0.163	-0.159
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263
MSW and C&I transfer	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404	0.404
Total existing/planned composting capacity	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354	0.354
Total MSW waste required to meet recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250	0.258
Total C&I waste required to meet recycling and composting target	0.360	0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	0.806	0.827
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.035	-0.071	-0.108	-0.147	-0.189	-0.235	-0.267	-0.300	-0.334	-0.362	-0.392	-0.418	-0.446	-0.474	-0.502	-0.532	-0.559	-0.586	-0.614	-0.642	-0.671
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.095	-0.131	-0.168	-0.207	-0.249	-0.296	-0.328	-0.361	-0.395	-0.423	-0.452	-0.479	-0.506	-0.534	-0.563	-0.593	-0.620	-0.647	-0.675	-0.703	-0.732
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.427
Surplus/deficit capacity	-0.320	-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	-0.427	-0.427
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211	0.213
Surplus/deficit capacity	1.621	1.542	1.463	1.384	1.305	1.225	1.200	1.175	1.150	1.125	1.100	1.080	1.060	1.040	1.020	1.000	1.018	1.036	1.054	1.072	1.090
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		40 500																			
		10.500	9.515	8.547	7.599	6.672	5.770	4.907	4.083	3.299	2.548	1.831	1.131	0.447	-0.220	-0.869	-1.499	-2.125	-2.747	-3.365	-3.979
Available non-hazardous landfill capacity (excluding residues non way and Car recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.515 9.492	8.547 8.501	7.599 7.527	6.672 6.572	5.770 5.641	4.907 4.745	4.083 3.885	3.299 3.061	2.548 2.266	1.831 1.502	1.131 0.753	0.447 0.019	-0.220 -0.699	-0.869 -1.402	-1.499 -2.087	-2.125 -2.768	-2.747 -3.443	-3.365 -4.114	-3.979 -4.780
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.492	8.501	7.527	6.572	5.641	4.745	3.885	3.061	2.266	1.502	0.753	0.019	-0.699	-1.402	-2.087	-2.768	-3.443	-4.114	-4.780
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		10.500 10.500	9.492 9.426 9.497 9.447	8.501 8.364 8.510 8.408	7.527 7.315	6.572 6.280	5.641 5.264	4.745 4.272	3.885 3.305	3.061 2.363	2.266 1.440	1.502 0.537	0.753 -0.355	0.019 -1.236	-0.699 -2.106	-1.402 -2.965	-2.087 -3.811	-2.768 -4.651	-3.443 -5.484	-4.114 -6.311	-4.780 -7.131 -4.620 -6.383
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		10.500 10.500 10.500	9.492 9.426 9.497	8.501 8.364 8.510	7.527 7.315 7.541	6.572 6.280 6.592	5.641 5.264 5.667	4.745 4.272 4.778	3.885 3.305 3.925	3.061 2.363 3.108	2.266 1.440 2.323	1.502 0.537 1.568	0.753 -0.355 0.829	0.019 -1.236 0.105	-0.699 -2.106 -0.603	-1.402 -2.965 -1.295	-2.087 -3.811 -1.969	-2.768 -4.651 -2.639	-3.443 -5.484 -3.304	-4.114 -6.311 -3.964	-4.780 -7.131 -4.620
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		10.500 10.500 10.500 10.500	9.492 9.426 9.497 9.447	8.501 8.364 8.510 8.408	7.527 7.315 7.541 7.382	6.572 6.280 6.592 6.373	5.641 5.264 5.667 5.384	4.745 4.272 4.778 4.422	3.885 3.305 3.925 3.489	3.061 2.363 3.108 2.585	2.266 1.440 2.323 1.703	1.502 0.537 1.568 0.844	0.753 -0.355 0.829 -0.002	0.019 -1.236 0.105 -0.837	-0.699 -2.106 -0.603 -1.658	-1.402 -2.965 -1.295 -2.467	-2.087 -3.811 -1.969 -3.263	-2.768 -4.651 -2.639 -4.052	-3.443 -5.484 -3.304 -4.835	-4.114 -6.311 -3.964 -5.612	-4.780 -7.131 -4.620 -6.383
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill		10.500 10.500 10.500 10.500	9.492 9.426 9.497 9.447	8.501 8.364 8.510 8.408	7.527 7.315 7.541 7.382	6.572 6.280 6.592 6.373	5.641 5.264 5.667 5.384	4.745 4.272 4.778 4.422	3.885 3.305 3.925 3.489	3.061 2.363 3.108 2.585	2.266 1.440 2.323 1.703	1.502 0.537 1.568 0.844	0.753 -0.355 0.829 -0.002	0.019 -1.236 0.105 -0.837	-0.699 -2.106 -0.603 -1.658	-1.402 -2.965 -1.295 -2.467	-2.087 -3.811 -1.969 -3.263	-2.768 -4.651 -2.639 -4.052	-3.443 -5.484 -3.304 -4.835	-4.114 -6.311 -3.964 -5.612	-4.780 -7.131 -4.620 -6.383
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill		10.500 10.500 10.500 10.500 0.591	9.492 9.426 9.497 9.447 0.575	8.501 8.364 8.510 8.408 0.557	7.527 7.315 7.541 7.382 0.536	6.572 6.280 6.592 6.373 0.510	5.641 5.264 5.667 5.384 0.481	4.745 4.272 4.778 4.422 0.451	3.885 3.305 3.925 3.489 0.421	3.061 2.363 3.108 2.585 0.398	2.266 1.440 2.323 1.703 0.374	1.502 0.537 1.568 0.844 0.360 24.878 24.549	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259	-0.699 -2.106 -0.603 -1.658 0.315	-1.402 -2.965 -1.295 -2.467 0.298	-2.087 -3.811 -1.969 -3.263 0.293	-2.768 -4.651 -2.639 -4.052 0.288	-3.443 -5.484 -3.304 -4.835 0.283	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MET' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TeDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TeDF' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&O waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.135	10.500 10.500 10.500 10.500 0.591	9.492 9.426 9.497 9.447 0.575	8.501 8.364 8.510 8.408 0.557	7.527 7.315 7.541 7.382 0.536	6.572 6.280 6.592 6.373 0.510	5.641 5.264 5.667 5.384 0.481	4.745 4.272 4.778 4.422 0.451	3.885 3.305 3.925 3.489 0.421 25.189	3.061 2.363 3.108 2.585 0.398	2.266 1.440 2.323 1.703 0.374	1.502 0.537 1.568 0.844 0.360	0.753 -0.355 0.829 -0.002 0.345	0.019 -1.236 0.105 -0.837 0.330	-0.699 -2.106 -0.603 -1.658 0.315	-1.402 -2.965 -1.295 -2.467 0.298	-2.087 -3.811 -1.969 -3.263 0.293	-2.768 -4.651 -2.639 -4.052 0.288	-3.443 -5.484 -3.304 -4.835 0.283 24.260	-4.114 -6.311 -3.964 -5.612 0.278	-4.780 -7.131 -4.620 -6.383 0.272
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MST" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "treatment" Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill		10.500 10.500 10.500 10.500 0.591 26.051 26.051 0.132	9.492 9.426 9.497 9.447 0.575 25.919 25.896 0.129	8.501 8.364 8.510 8.408 0.557 25.789 25.743 0.127	7.527 7.315 7.541 7.382 0.536 25.663 25.590 0.124	6.572 6.280 6.592 6.373 0.510 25.539 25.439 0.121	5.641 5.264 5.667 5.384 0.481 25.418 25.289 0.117	4.745 4.272 4.778 4.422 0.451 25.301 25.140 0.112	3.885 3.305 3.925 3.489 0.421 25.189 24.991 0.108	3.061 2.363 3.108 2.585 0.398 25.081 24.843 0.104	2.266 1.440 2.323 1.703 0.374 24.977 24.695 0.100	1.502 0.537 1.568 0.844 0.360 24.878 24.549 0.097	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403 0.094	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259 0.091	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116 0.088	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975 0.085	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835 0.082	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698 0.080	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564 0.077	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435 0.074	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308 0.071
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MET' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TeDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TeDF' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&O waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.135	10.500 10.500 10.500 10.500 0.591 26.051	9.492 9.426 9.497 9.447 0.575 25.919 25.896	8.501 8.364 8.510 8.408 0.557 25.789 25.743	7.527 7.315 7.541 7.382 0.536 25.663 25.590	6.572 6.280 6.592 6.373 0.510 25.539 25.439	5.641 5.264 5.667 5.384 0.481 25.418 25.289	4.745 4.272 4.778 4.422 0.451 25.301 25.140	3.885 3.305 3.925 3.489 0.421 25.189 24.991	3.061 2.363 3.108 2.585 0.398 25.081 24.843	2.266 1.440 2.323 1.703 0.374 24.977 24.695	1.502 0.537 1.568 0.844 0.360 24.878 24.549	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MST" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "treatment" Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill	0.000	10.500 10.500 10.500 10.500 0.591 26.051 26.051 0.132	9.492 9.426 9.497 9.447 0.575 25.919 25.896 0.129	8.501 8.364 8.510 8.408 0.557 25.789 25.743 0.127	7.527 7.315 7.541 7.382 0.536 25.663 25.590 0.124	6.572 6.280 6.592 6.373 0.510 25.539 25.439 0.121	5.641 5.264 5.667 5.384 0.481 25.418 25.289 0.117	4.745 4.272 4.778 4.422 0.451 25.301 25.140 0.112	3.885 3.305 3.925 3.489 0.421 25.189 24.991 0.108	3.061 2.363 3.108 2.585 0.398 25.081 24.843 0.104	2.266 1.440 2.323 1.703 0.374 24.977 24.695 0.100	1.502 0.537 1.568 0.844 0.360 24.878 24.549 0.097	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403 0.094	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259 0.091	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116 0.088	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975 0.085	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835 0.082	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698 0.080	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564 0.077	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435 0.074	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308 0.071
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Total C&O waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.000	10.500 10.500 10.500 10.500 0.591 26.051 26.051 0.132	9.492 9.426 9.497 9.447 0.575 25.919 25.896 0.129	8.501 8.364 8.510 8.408 0.557 25.789 25.743 0.127 0.000 /A N	7.527 7.315 7.541 7.382 0.536 25.663 25.590 0.124 0.000 /A N	6.572 6.280 6.592 6.373 0.510 25.539 25.439 0.121 0.000 /A N	5.641 5.264 5.667 5.384 0.481 25.418 25.289 0.117	4.745 4.272 4.778 4.422 0.451 25.301 25.140 0.112 0.000 V/A N	3.885 3.305 3.925 3.489 0.421 25.189 24.991 0.108	3.061 2.363 3.108 2.585 0.398 25.081 24.843 0.104 0.000 //A N.	2.266 1.440 2.323 1.703 0.374 24.977 24.695 0.100	1.502 0.537 1.568 0.844 0.360 24.878 24.549 0.097	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403 0.094 0.000 /A N	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259 0.091	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116 0.088	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975 0.085 0.000	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835 0.082 0.000	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698 0.080	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564 0.077	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435 0.074 0.000 /A N	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308 0.071 0.000
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MST' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Hazardous landfill Available hazardous landfill capacity Total nCaC waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other Metal/ELV facility	0.000 N	10.500 10.500 10.500 10.500 0.591 26.051 26.051 0.132	9.492 9.426 9.497 9.447 0.575 25.919 25.896 0.129 0.000 I/A N	8.501 8.364 8.510 8.408 0.557 25.789 25.743 0.127 0.000 /A N	7.527 7.315 7.541 7.382 0.536 25.663 25.590 0.124 0.000 /A N	6.572 6.280 6.592 6.373 0.510 25.539 25.439 0.121 0.000 /A N	5.641 5.264 5.667 5.384 0.481 25.418 25.289 0.117 0.000 /A N	4.745 4.272 4.778 4.422 0.451 25.301 25.140 0.112 0.000 V/A N	3.885 3.305 3.925 3.489 0.421 25.189 24.991 0.108 0.000 /A N	3.061 2.363 3.108 2.585 0.398 25.081 24.843 0.104 0.000 VA N	2.266 1.440 2.323 1.703 0.374 24.977 24.695 0.100 0.000 /A N	1.502 0.537 1.568 0.844 0.360 24.878 24.549 0.097	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403 0.094 0.000 /A N	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259 0.091 0.000 (A N.	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116 0.088 0.000 A N	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975 0.085 0.000 /A N	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835 0.082 0.000 I/A N	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698 0.080 0.000	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564 0.077 0.000 N/A N/	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435 0.074 0.000 /A N	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308 0.071 0.000
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Total C&O waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.000 0.050 0.137	10.500 10.500 10.500 10.500 0.591 26.051 26.051 0.132	9.492 9.426 9.497 9.447 0.575 25.919 25.896 0.129 0.000 N/A	8.501 8.364 8.510 8.408 0.557 25.789 25.743 0.127 0.000 /A N	7.527 7.315 7.541 7.382 0.536 25.663 25.590 0.124 0.000 /A N	6.572 6.280 6.592 6.373 0.510 25.539 25.439 0.121 0.000 /A N	5.641 5.264 5.667 5.384 0.481 25.418 25.289 0.117 0.000 /A N	4.745 4.272 4.778 4.422 0.451 25.301 25.140 0.112 0.000 V/A N	3.885 3.305 3.925 3.489 0.421 25.189 24.991 0.108	3.061 2.363 3.108 2.585 0.398 25.081 24.843 0.104 0.000 VA N.	2.266 1.440 2.323 1.703 0.374 24.977 24.695 0.100 0.000 /A N	1.502 0.537 1.568 0.844 0.360 24.878 24.549 0.097	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403 0.094 0.000 /A N	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259 0.091	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116 0.088	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975 0.085 0.000	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835 0.082 0.000	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698 0.080	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564 0.077	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435 0.074 0.000 VA N	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308 0.071 0.000 I/A
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MST' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Italiable inert landfill Available hazardous waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other Metal/ELV facility	0.000 N	10.500 10.500 10.500 10.500 0.591 26.051 26.051 0.132	9.492 9.426 9.497 9.447 0.575 25.919 25.896 0.129 0.000 I/A N	8.501 8.364 8.510 8.408 0.557 25.789 25.743 0.127 0.000 /A N	7.527 7.315 7.541 7.382 0.536 25.663 25.590 0.124 0.000 /A N	6.572 6.280 6.592 6.373 0.510 25.539 25.439 0.121 0.000 /A N	5.641 5.264 5.667 5.384 0.481 25.418 25.289 0.117 0.000 /A N	4.745 4.272 4.778 4.422 0.451 25.301 25.140 0.112 0.000 V/A N	3.885 3.305 3.925 3.489 0.421 25.189 24.991 0.108 0.000 /A N	3.061 2.363 3.108 2.585 0.398 25.081 24.843 0.104 0.000 VA N	2.266 1.440 2.323 1.703 0.374 24.977 24.695 0.100 0.000 /A N	1.502 0.537 1.568 0.844 0.360 24.878 24.549 0.097	0.753 -0.355 0.829 -0.002 0.345 24.781 24.403 0.094 0.000 /A N	0.019 -1.236 0.105 -0.837 0.330 24.687 24.259 0.091 0.000 (A N.	-0.699 -2.106 -0.603 -1.658 0.315 24.596 24.116 0.088 0.000 A N	-1.402 -2.965 -1.295 -2.467 0.298 24.508 23.975 0.085 0.000 /A N	-2.087 -3.811 -1.969 -3.263 0.293 24.422 23.835 0.082 0.000 I/A N	-2.768 -4.651 -2.639 -4.052 0.288 24.340 23.698 0.080 0.000	-3.443 -5.484 -3.304 -4.835 0.283 24.260 23.564 0.077 0.000 N/A N/	-4.114 -6.311 -3.964 -5.612 0.278 24.183 23.435 0.074 0.000 /A N	-4.780 -7.131 -4.620 -6.383 0.272 24.109 23.308 0.071 0.000

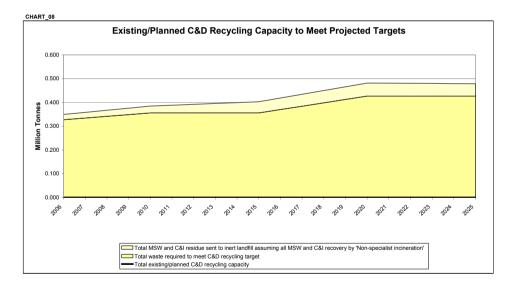
<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity
(3) Data for CAD recovery for In

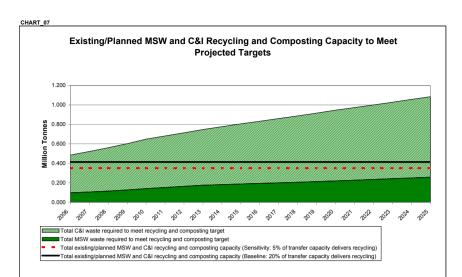
18 of the control of	MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous Azardous waste recovery Recycling residues (% by weight) MSW and C&I trenycling MSW and C&I transfer MSW and C&I composting ABD recycling -ABD recycling -ABD recycling -ABD recycling -METALET Vacility	3 3 59 12 45 5 5 5 5 15 15 15 10 5 N/A	3 59 12 45 5 5 15 15 15 10 5	3 3 59 59 2 12 5 45 5 5 5 5 5 5 15 15 10 10	3 59 12 45 5 5 5 15 15	3 59 12 45 5 5 5	3 59 12 45 5 5 5	3 59 12 45 5 5	3 59 12 45 5 5	3 59 12 45	3 3 39 59 2 12 5 45 5 5 5 5	3 59 12 45 5	3 59 12 45 5	3 59 12 45	3 59 12	3 59 12 45 5	3 59 12 45	3 59 12 45 5	3 59 12 45	3
18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MSW and C&I to RDF MSW and C&I to RDF MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous 4zardous waste recovery Recycling residues (% by weight) MSW and C&I trecycling MSW and C&I transfer MSW and	59 12 45 5 5 5 15 15 10 0 N/A	15 45 5 5 5 5 15 15 15 10 5	59 59 2 12 5 45 5 5 5 5 5 15 5 15 5 15	59 12 45 5 5 5 15 15	59 12 45 5 5 5	59 12 45 5 5 5	59 12 45 5 5	59 12 45 5 5	59 12 45	59 59 2 12 5 45 5 5 5	59 12 45 5	59 12 45 5	59 12 45	59 12	59 12 45 5	59 12 45	59 12 45 5	59 12 45	5
Mary and California Mary a	MSW and C&I to RDF MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous Hazardous waster ercovery Recycling residues (% by weight) MSW and C&I recycling MSW and C&I recycling MSW and C&I compositing ABO recycling Hazardous waster ecycling Hazardous waster recycling Hetal/ELV facility Incredit Hazardous Hazar	12 45 5 5 5 15 15 10 5	12 45 5 5 15 15 15 10 5	12 12 15 15 15 15 10 10	12 45 5 5 15 15	12 45 5 5 5 15	12 45 5 5 5 15	12 45 5 5	12 45 5 5	12 45	2 12 5 45 5 5 5 5	12 45 5	12 45 5	12 45	12	12 45 5	12 45	12 45 5	12 45	
Column   C	MSW and C&I treatment - hazardous MSW and C&I treatment - hazardous l-azardous waste recovery Recycling residues (% by weight) MSW and C&I trecycling MSW and C&I transfer MSW and C&I transfer MSW and C&I composting 3.bD recycling l-azardous waste recycling Utber Wetal/ELV facility gnored	45 5 5 15 15 15 10 5	45 5 5 15 15 15 10 5	5 45 5 5 5 5 6 15 6 15 6 15 0 10	45 5 5 15 15	45 5 5 15	45 5 5 15	45 5 5	45 5 5	45	5 45 5 5 5 5	45 5	45 5	45		45 5	45	45 5	45	
The contribution of the co	ASW and C&I treatment - hazardous lazardous water erecvery Recycling residues (% by weight)  ASW and C&I recycling  ASW and C&I recycling  ASW and C&I recycling  ASW and C&I recycling  BASW and C&I compositing  BASW and C&I composition  BASW and C&I co	5 5 15 15 15 10 5	5 5 15 15 15 10 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 5 15 15	5 5 15 15	5 5 15 15	5 5 15	5 5 15		5 5 5 5	5	5		45 5 5	5		5		1
The state of the s	-lazardous waste recovery Recycling residues (% by weight) MSW and C&I recycling MSW and C&I transfer MSW and C&I transfer MSW and C&I composing	5 15 15 15 10 5	15 15 15 10 5	5 15 5 15 5 15 5 15 0 10	15 15 15	5 15 15	5 15 15	15	5 15	5 5 15	5 5			5 5	5 5		5		5	4
The control of the co	Recycling residues (% by weight) MSW and C81 recycling MSW and C81 recycling MSW and C81 composing 320 recycling 1-azardous waste recycling Uther Meta/ELV facility gnored	15 15 15 10 5	15 15 15 10 5	5 15 5 15 5 15 0 10	15 15 15	15 15	15 15	15	15	5 15	5 5	5	5	5	5	5				
1	MSW and C&I recycling MSW and C&I transfer  MSW and C&I composting  Z&D recycling  -Lazardous waste recycling  Other  Modela FLA Compositing  Other  Globela Compositing  Other  Joseph Composition  Joseph Co	15 15 10 5 10 N/A	15 15 10 5	5 15 5 15 0 10	15 15	15	15			15							5	5	5	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MSW and C&I transfer MSW and C&I compositing 2-BD recycling 1-bazardous waste recycling 1-bter Wetai/ELV facility gnored Closed	15 15 10 5 10 N/A	15 15 10 5	5 15 5 15 0 10	15 15	15	15			15										
18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MSW and C&I transfer MSW and C&I compositing 2-BD recycling 1-bazardous waste recycling 1-bter Wetai/ELV facility gnored Closed	15 10 5	15 10 5	5 15 ) 10	15			15	45		5 15	15	15	15	15	15	15	15	15	_
18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MSW and C&I composting C&D recycling lazardous waste recycling  Other  Metal/ELV facility gnored	10 5 10 N/A	10 5	) 10		15				15	5 15	15	15	15	15	15	15	15	15	
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1	-lazardous waste recycling Other Oth	10 N/A	5			10														
Selection 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Other  Metal/ELV facility gnored Closed	10 N/A		י ס													10			
Manufacture 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Metal/ELV facility gnored Closed	N/A	10		5	5	5	5	5	5	5 5	5	5	5	5	5	5	5	5	
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The Mission of the final principal was alregated and eating and on the modular of capacity analysis. With a support of the modular of capacity analysis. With a support of the modular of capacity and a support of the modular of capacity and a support of		N/A																		
Mathematic Mathemati	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince v		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N	'A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
The control of the co		with the self-suffic	iciency requ	juirements o	f PPS10.															
Self-station the properties in the many parties in the many partie		2005	2006	2007	2008	2009	2010	2011	2012	2013 20	4 2015	2016	2017	2018	2019	2020	2021	2022	2023	202
May will change from properties from the control of the properties of the control		0.040	0.045	0.010	0.054	0.055	0.050	0.005	0.070	0.000 0.0	7 0.004	0.007	0.400	0.400	0.407	0.440	0.400	0.407	0.400	0.44
NAME WAS AND CALL PARTIES AND CALL PARTI																				
NAME NOR CLASSING STATE AND ALTER AN																				0.0
Self-standing-con-subscious-conditional control contro	JSW and C&I to MBT	0.083	0.089	0.095	0.101	0.107	0.115	0.129	0.143	0.158 0.1	2 0.186	0.192	0.197	0.203	0.210	0.216	0.214	0.211	0.209	0.20
Self-standing-con-subscious-conditional control contro	VSW and C&I to RDF	0.017	0.018	0.019	0.021	0.022	0.023	0.026	0.029	0.032 0.0	5 0.038	0.039	0.040	0.041	0.043	0.044	0.043	0.043	0.042	0.0
Mile will be displayed the service of the service o					0.077	0.082			0.109			0.146	0.151	0.155	0.160	0.165	0.163	0.161	0.159	0.1
The contribution of the co																				
Note the production of the standard control of the production of t																				
State in the property of composing 4 compo		INO IN	•••	.40	N	IN	ers IN	18//	. IN/A	IN/A	17/0	IN	N/	IN//	P	···	19//	. 19//	. IN/A	
Call recogning Call processing		0.00-	0.07-		0.007	0.000	0.007	0.400	0.407	0.440	0 10:	0.405	0.400	0.400	0.407	0 110	0.410	0.450	0.451	٠.
Part	Now and Cal recycling and composting																			
Note All recolous are conclusioned on the amount of vesses arising not on the mateuri of capacity evaluation. This is conclusioned with the self-additional process are conclusioned as the conclusion of the mateuri of capacity evaluation. This is conclusioned as the conclusion of the mateuri of capacity evaluation. This is conclusioned with the self-additional process. The conclusion of t																				
The MAY NO CA! RESIDUE FROM RECYCING SENT TO NON-MAZAROUS LANOFILL (Million Towns)	lazardous waste recycling	N/A N	N/A	N/A	N/A N	1/A N	√A N	/A N/A	N/A	N/A	N/A N	I/A N	/A N/	/A N/	I/A N	N/A N	I/A N/	A N//	A N/A	A
The Man Was Cal Responde From Recovery 1sp Winn-specialist incineration (Basid on buttle recovery capacity)    Part   Par	Cotal MCW and CRI regulating and composting regidue cost to non-hazardous landfill																			20
Second Calculation   Second	otal MSVV and Cat recycling and composting residue sent to non-nazardous fandilii	0.099	0.105	0.112	0.118	0.125	0.133	0.138	0.143	0.148 0.1	2 0.156	0.162	0.167	0.173	0.179	0.185	0.189	0.193	0.197	0.2
Second Calculation   Second	AL MSW AND CALRESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDELL AND CAD RECYCLING (Mil/	lion Tonnes)																		
Security			2006	2007	2008	2009	2010	2011	2012	2013 20	4 2015	2016	2017	2018	2019	2020	2021	2022	2023	20
Total MSW and CAI residue seart for net invaluations in medial assuming all MSW and CAI resource by Prospecialist incinerations (0.21) 0.023 0.024 0.026 0.027 0.029 0.033 0.080 0.040 0.044 0.047 0.049 0.050 0.052 0.053 0.055 0.054 0.058 0.059 0.059 0.050 0.0	CENARIO 1 - Assumes all recovery is by 'Non-energialist incineration' (based on total recovery canacity)																			
Total MSW and CAI residue seet to lower loaned ill assurance all Assortion to part funding assurance and account to by MITT (Based on total recovery capacity)		n' 0.021	0.022	0.024	0.026	0.027	0.020	0.022	0.036	0.040 0.0	4 0.047	0.040	0.050	0.052	0.053	0.055	0.054	0.054	0.053	0.0
SCENAROS - Assumes all recovery to MBT (Deaded on total recovery capacity)																				
Total MSW and Cell residue sent to non-hazardous landfill on 164 merowary capacity)    1	otal MSW and C&I residue sent to linert landfill assuming all MSW and C&I recovery by Non-specialist incineration	0.021	0.023	0.024	0.026	0.027	0.029	0.033	0.036	0.040 0.0	4 0.047	0.049	0.050	0.052	0.053	0.055	0.054	0.054	0.053	0.0
SCENARO 3 - Assumes all recovery is by RDF (Based on total recovery capacity)  The company of th																				
Total MSW and Cell residue sent to non-hazardous landfill is less oft to non-hazardous landfill is less oft to non-hazardous landfill is less oft to non-hazardous landfill and 50% is sent to inent landfill.    1	otal MSW and C&I residue sent to non-hazardous landfill	0.083	0.089	0.095	0.101	0.107	0.115	0.129	0.143	0.158 0.1	2 0.186	0.192	0.197	0.203	0.210	0.216	0.214	0.211	0.209	0.2
Total MSW and Cell residue sent to non-hazardous landfill is less oft to non-hazardous landfill is less oft to non-hazardous landfill is less oft to non-hazardous landfill and 50% is sent to inent landfill.    1	3CENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																			
Scenario	otal MSW and C&I residue sent to non-hazardous landfill	0.017	0.018	0.019	0.021	0.022	0.023	0.026	0.029	0.032 0.0	5 0.038	0.039	0.040	0.041	0.043	0.044	0.043	0.043	0.042	0.04
Total MSW And Call residues eater to non-hazardous landfill and 50% is sent to interi landfill. In the original model seturn plant of the seturn plant plant of the seturn plant plant of the seturn plant pla																				
It was assumed that 50% of residue from 'non-appecialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill. In the original model assumptions developed MEL 50% was assumed to local precision of minimal land and the properties of the		0.063	0.068	0.072	0.077	0.082	0.088	0.008	0.100	0.120 0.1	1 0 1/12	0.146	0.151	0.155	0.160	0.165	0.163	0.161	0.150	0.1
NAMES OF CAD REUSED ON NON-HAZARDOUS AND INNERT LANDFILL (Million Tonness)  Separate Designed on Innertial states 1818 Separate Designed On Innertial Separate Designe												0.140	0.101	0.100	0.100	0.100	0.100	0.101	0.155	0.1
CAD resued on langifilis sites  CAD resued on langifilis seems to 'non-haz langifilis' seems to 'non-ha	: was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert	landfill. In the or	riginal mod	del assumpt	ions develope	ed MEL 50%	6 was assun	ned to go to C	&D recycling	g, rather than to	nert landfi									
CAD creased on naminal sistessem to 'non-haz landfill' CAD creased on nandili sistessem to 'non-haz landfill' CAD creased on landfill sistessem to 'non-haz landfill' CAD creased on nandili sistessem to 'non-haz landfill' CAD creased on landfill sistessem to 'non-haz landfill' CAD creased on landfill sistessem to 'non-haz landfill' CAD creased on nandili sistessem to 'non-haz landfill' CAD creased on naminal sistessem to 'non-haz landfill' CAD creased on naminal sistessem to 'non-haz radous landfill' CAD creased an original model assumptions developed MEL CAD creased an original model assumption developed MEL CAD creased an original model assumpti																				
CAD creased on inandifilise sear to fron-haz inandifilise sear to incent landifilise.  70 %  70																				
CAD reused on landiffication search to linear landiffie search to linear la																				
Total CAD reused on non-hazardous landfill is not included within the charts because it has been assumed that data supplied by a bright and the control of t																				
Total CaD reused on non-hazardous landfill 0.030 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.029 0.020 0.029	BU reused on landfill sites sent to 'inert landfill'																			
Total resused C&D on ment landfull																				202
CAD reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data supplied by each sub-region has accounted for C&D reuse as an engineering material.  **TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **2005** 2006** 2007** 2008** 2009** 2010** 2011** 2012** 2013** 2014** 2015** 2016** 2017** 2018** 2019** 2020** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2021** 2022** 2023** 2																				0.0
NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data supplied by each sub-region has accounted for C&D reuse as an engineering material.  **TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **2005*** 2006*** 2007*** 2008*** 2009*** 2010*** 2011*** 2012*** 2013*** 2014*** 2015*** 2016*** 2017*** 2018*** 2019*** 2020*** 2020*** 2022*** 2023*** 2016*** 2017*** 2018*** 2019*** 2019*** 2019*** 2019*** 2019*** 2010*** 2011*** 2012*** 2013*** 2014*** 2015*** 2016*** 2017*** 2018*** 2019*** 2010*** 201		0.070	U.068	0.067	0.066	U.065	U.064	0.065	U.Uხწ	U.Ub/ 0.0	0.070	0.066	0.063	0.060	0.057	U.054	0.055	U.U56	0.056	0.0
Tall MSW AND C& RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)    2005   2006   2017   2018   2019   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019   2020   2021   2022   2023   2025		a supplied by ear	ch sub-rea	aion has acc	ounted for C8	&D reuse as	an enginee	ring material.												
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 20 20 20 20 20 20 20 20 20 20 20 20 20	4OTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data																			
Total MSW and C&I recycling and composting residue sent to hazardous landfill  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N																				20
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" 0.004 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.007 0.007 0.008 0.009 0.009 0.009 0.009 0.009 0.000 0.001 0.010 0.011 0.	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)				N/A N	I/A N	√Á N	/A N/A				/A N		/A N//	I/A N	N/A N	I/A N//		A N/A	A
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" 0.004 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.007 0.007 0.008 0.009 0.009 0.009 0.009 0.009 0.000 0.001 0.010 0.011 0.	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)			N/A																
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Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" 0.004 0.05 0.05 0.05 0.05 0.05 0.05 0.0	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Fotal MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	N/A N	N/A		2008	2009	2010	2011	2012	2013 20	4 2015	2016	2017	2018	2010					
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  1 Out   MSV and C& I residue sent to hazardous landfill   Color   Co	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Fotal MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	N/A N	N/A		2008	2009	2010	2011	2012	2013 20	4 2015		2017	2018	2010					0.0
Total MSW and C81 residue sent to hazardous landfill Scenarious (and fill Scenarious) (and fill Scenarious) (and fill Scenarious) (and fill Scenarious) (based on total recovery capacity)    Total MSW and C81 residue sent to hazardous landfill (and covery (as by 'RDF' (based on total recovery capacity) (and c81 residue sent to hazardous landfill (as a subject of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.    Total MSW and C81 residue sent to hazardous (and fill scenarious) (and fill scenario	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	N/A N 2005	N/A 2006	3 2007												0.011	0.011	0.011	0.011	U.U
SCEMARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  ONT 0.008 0.008 0.009 0.009 0.009 0.009 0.000 0.00	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	N/A N 2005	N/A 2006	3 2007												0.011	0.011	0.011	0.011	0.0
Total MSW and C&l residue sent to hazardous landfill 0.000 0	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Fotal MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill assuming all MSV and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	N/A N 2005 0.004	N/A 2006 0.005	3 2007 5 0.005	0.005	0.005	0.006	0.007	0.007	0.008 0.0	0.009	0.010	0.010	0.010	0.011					
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  0.007 0.008 0.008 0.009 0.009 0.010 0.011 0.012 0.013 0.015 0.016 0.016 0.017 0.017 0.018 0.018 0.018 0.018 0.018 0.018 0.018  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  TAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	N/A N 2005 0.004	N/A 2006 0.005	3 2007 5 0.005	0.005	0.005	0.006	0.007	0.007	0.008 0.0	0.009	0.010	0.010	0.010	0.011					
Total MSW and C&I residue sent to hazardous landfill 0.007 0.008 0.009 0.009 0.010 0.011 0.012 0.013 0.015 0.016 0.016 0.017 0.017 0.018 0	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Fotal MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'ROF' (based on total recovery capacity)	N/A N 2005 0.004	N/A 2006 0.005 0.000	6 2007 5 0.005 0 0.000	0.005	0.005	0.006	0.007	0.007	0.008 0.0	0.009	0.010	0.010	0.010	0.011	0.000	0.000	0.000	0.000	0.0
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  TAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	N/A N 2005 0.004	N/A 2006 0.005 0.000	6 2007 5 0.005 0 0.000	0.005	0.005	0.006	0.007	0.007	0.008 0.0	0.009	0.010	0.010	0.010	0.011	0.000	0.000	0.000	0.000	0.00
TAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	N/A N 2005 0.004 0.000 0.000	N/A 2006 0.005 0.000 0.000	6 2007 6 0.005 0 0.000 0 0.000	0.005 0.000 0.000	0.005 0.000 0.000	0.006 0.000 0.000	0.007 0.000 0.000	0.007 0.000 0.000	0.008 0.0 0.000 0.0 0.000 0.0	0.009 0 0.000 0 0.000	0.010 0.000 0.000	0.010 0.000 0.000	0.010 0.000 0.000	0.011 0.000 0.000	0.000	0.000	0.000	0.000	0.00
	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist inclineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist inclineration" (SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	N/A N 2005 0.004 0.000 0.000	N/A 2006 0.005 0.000 0.000 0.000	6 2007 5 0.005 0 0.000 0 0.000 8 0.008	0.005 0.000 0.000 0.000	0.005 0.000 0.000	0.006 0.000 0.000	0.007 0.000 0.000	0.007 0.000 0.000	0.008 0.0 0.000 0.0 0.000 0.0	0.009 0 0.000 0 0.000	0.010 0.000 0.000	0.010 0.000 0.000	0.010 0.000 0.000	0.011 0.000 0.000	0.000	0.000	0.000	0.000	0.00
	FAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Fotal MSW and C&I recycling and composting residue sent to hazardous landfill  FAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (season and the covery capacity)  Fotal MSW and C&I residue sent to hazardous landfill sesuming all MSW and C&I recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill second total recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill second total recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill second total recovery capacity)  Fotal MSW and C&I residue sent to hazardous landfill sound in the covery capacity (fotal MSW and C&I residue sent to hazardous landfill sound in the covery capacity)  Fotal MSW and C&I residue sent to hazardous landfill sound in the covery capacity (found may be covery capacity)	N/A N 2005 0.004 0.000 0.000 0.007 f managed waste	N/A 2006 0.005 0.000 0.000 0.000	6 2007 5 0.005 0 0.000 0 0.000 8 0.008	0.005 0.000 0.000 0.000	0.005 0.000 0.000	0.006 0.000 0.000	0.007 0.000 0.000	0.007 0.000 0.000	0.008 0.0 0.000 0.0 0.000 0.0	0.009 0 0.000 0 0.000	0.010 0.000 0.000	0.010 0.000 0.000	0.010 0.000 0.000	0.011 0.000 0.000	0.000	0.000	0.000	0.000	0.00



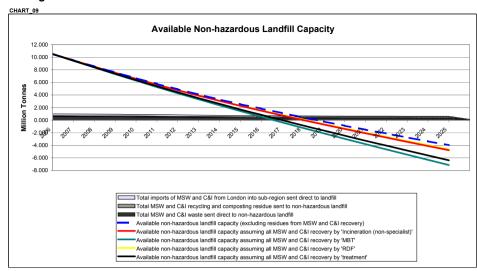
NOTE: This capacity does not represent the quantity of material that is recovered.

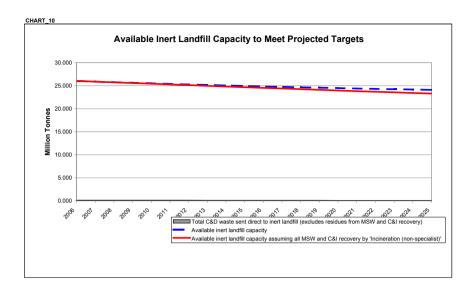
NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.





Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





#### SUMMARY DATA AND RESULTS FOR EAST SUSSEX

The content of the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of the protection between the sear of deed to non-bacardous larediii of the protection between the sear of the protec	MANAGED	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Part	msw	TAUTE COLD TO CENERATE RECOURTS (Millioti Formica)																					(
Part		s from london that are sent direct to non-hazardous landfill																					(
Part	&i																						(
See the proper p	&I - imports &d	from london that are sent direct to non-hazardous landfill																					(
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See 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				0.021	0.020	0.020	0.020	0.020	0.027	0.021	0.020	0.020	0.020	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.000	•
Part	ASTE STR				2007																		
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Perfect   Perf																							(
Part																							Č
Many tanger	ki				0.187	0.200	0.214	0.228	0.238	0.247		0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362	(
See Legislation of the control of th		Recovery target																0.114					
Property of the property of th																							
Part	kd																						
The service of the se																							
The life of the LATE points in some leave the life of the late of	zardous																						_
The contempore will be a position of the contemp		Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	model assume	es that this e	extra waste	is recycled/o	composted	and recover	red at the sa	ame ratio as	the regiona	I targets for	recycling/co	omposting a	and recovery	for that ye	ar.						
The contempore will be a position of the contemp	CICTING (DI	ANNUED CARACITY FOR RECYCLING RECOVERY AND LANDFILLING AND TOTAL WASTE TONINACES TO FACUL DISPOSE	CAL DOUTE	(M:III: T-																			
West of the properties of the	ISTING/PI	ANNED CAPACITY FOR RECTCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (			2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Part	SW and C8	I recovery		_000	_50,		_000	_0.0	_0	_0.2						-5.0	_0.0			_0			_
Name of Management Substitution of Management Su																							
The substiguienes Add Mine Cold response part of property and contenting quantity (illusione) for Art or Mine Supplies Anne Cold Response (ill				0.212	0.203	0.193	0.182	0.172	0.152	0.132	0.111	0.093	0.074	0.067	0.059	0.050	0.042	0.034	0.037	0.040	0.044	0.048	
The contemple placement following and cold an excepting and companying agendany (internal type) and contemple agendany (internal type) and cold an exception of the cold and c	ovv and C8			0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	
In particularies (powerly plantings) (Prof. powerly plantings) (Prof.																							
Property Pro																							
The substigit plane of CLA recovery capacity (as substigit plane of CLA recovery capacity (as substigit plane) (as		Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.240	-0.262	-0.286	-0.311	-0.339	-0.360	-0.382	-0.404	-0.421	-0.439	-0.456	-0.473	-0.491	-0.508	-0.527	-0.546	-0.565	-0.585	-0.606	
Part Part Part Part Part Part Part Part	D recyclin																						
Treatment Processory (appealment Austral country) (pacealmy) REGIONAL trail country (appealmy) REGIONAL trai																							
Part   1,70	D recover	Surplus/deficit capacity		-0.170	-0.174	-0.178	-0.181	-0.185	-0.185	-0.185	-0.185	-0.185	-0.185	-0.192	-0.200	-0.207	-0.215	-0.222	-0.222	-0.222	-0.222	-0.222	_
Supplicate (Sequency)	D ICCOVCI	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	
The extension plane of Language process   10				1.663	1.582		1.419	1.338	1.315	1.292	1.269		1.223			1.147		1.096		1.135	1.154	1.173	
Supposition for Congression Supposition Su	zardous w																						
Total evolating plasmed hazardous water recovery capacity  1																							
The desting planned hazerfooks waste recovery capacity (more planned hazerfooks useful acceptable) with a more planned	zardous w			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	_
Suplised field field agency (so color) in particular form (189) and C4 factors (1994) an	izardous w			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Available non-hazardoss laurefit appeably (seculary in all form on processing of the																							
Available non-hazardous laurefil capacity assuming at MSW and CAR recovery by Tribine mining from-psecialisty and color and provided an	n-hazardo																						
Available non-hazardous lardiffi capacity assuming all MSV and CAI recovery by TMPT																							
Available non-hazarous lareful capacity assuming all MSW and CAI recovery by TDP*  Available non-hazarous lareful capacity assuming all MSW and CAI recovery by Treatment*  Available inert surful capacity assuming all MSW and CAI recovery by Treatment*  Available inert surful capacity assuming all MSW and CAI recovery by Treatment*  Available inert surful capacity  Available inert surful capaci																							
Available inert lamefill capacity with a management of hazardous awarding alf MSW and C&I recovery by 'Internation (non-specialisty')  Available inert lamefill capacity Availab																							
Available inert landfill capacity																							
Available inert landfil (appacly assuming alf MSW and C&I recovery by "incineration (non-specialist")  Available hazardous landfil (appacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf MSW and C&I recovery by "incineration (sandfil capacly assuming alf C&I recovery	ert landfill																						
Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  W. Affishings AND GROWTH RATES OF MSW, C&l AND HAZARDOUS WASTE (Million Tonnes)  3006 2508 2509 2508 2509 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  W. Affishings And GROWTH RATES OF MSW, C&l AND HAZARDOUS WASTE (Million Tonnes)  3006 2508 2509 2508 2509 2509 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  W. Affishings of MSW in baseline year  (1 Forecast sub-regional growth roceasts  3006 2019 2019 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  W. Affishings of MSW in significant for the management of hazardous waste.  1006 1009 1116 1116 1116 1116 1116 1116																							
Available hazardous landfill capacity Note: The model does not combain data for the management of hazardous waste.  ***NATO 61: ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)** 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 Arisings of MSW in baseline year Arisings of MSW in baseline year (i) Forecast regional elver growth rate of MSW - per year (%) (i) Forecast regional elver growth rate of MSW - cumulative (%) (ii) Forecast sub-regional growth rate of MSW - per year (%) (ii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of C&I - cumulative (%) (iii) Forecast regional level growth rate of C&I - cumulative (%) (iii) Forecast regional level growth rate of C&I - cumulative (%) (iii) Forecast regional level growth rate of C&I - cumulative (%) (iii) F				0.000	-0.083	-0.166	-0.249	-0.332	-0.415	-0.499	-0.584	-0.669	-0.756	-0.842	-0.929	-1.015	-1.100	-1.186	-1.272	-1.355	-1.436	-1.516	_
Note: The model does not contain data for the management of hazardous waste.    VIA. 01: ARISINGS AND GROWTH RATES OF MSW, Call AND HAZARDOUS WASTE (Million Tonnes)   200   200   200   201   202   2	.zaruous ia			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
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(1) Forecast regional level growth rate of ASW - cumulative (%)  Total arisings of MSW using regional growth forecasts  0.409 0.419 0.429 0.440 0.451 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0			3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	
Total arisings of MSW using regional growth forecasts to M-Signian algorith from the MSW - per year (%)																							7
(i) Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW - cumulative (%)  Total arisings of C&I in baseline year  (i) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  (ii) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  (iii) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  (iii) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  (iv) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  (iv) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  (iv) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I will have the sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I will have the sub-regional level growth rate of C&I - per year (%)  Total arisings of C&I will have the sub-regional level growth rate of C&I - per year (%)  Total arisings of CAZ will have the sub-regional growth forecasts ub-regional growth forecasts ub-regional growth rate of C&I - per year (%)  Total arisings of CAZ will have the sub-regional growth forecasts ub-regional growth rate of C&I - per year (%)  Total arisings of CAZ will have the sub-regional growth rate of C&I - per year (%)  Total arisings of CAZ will have the sub-regional growth rate of C&I - per year (%)  Total arisings of CAZ will have the sub-regional growth rate of C&I - per year (%)  Total arisings of CAZ will have the sub-regional growth rate of CAZ will have the sub		Total arisings of MSW using regional growth forecasts	0.409	0.419	0.429	0.440	0.451	0.462	0.472	0.481	0.491	0.500	0.510	0.518	0.526	0.534	0.542	0.550	0.558	0.567	0.575	0.584	
Total arisings of C&I in baseline year  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast regional level growth rate of C&I - cumulative (%)  (I) Forecast growth rate of C&I - cumulative (%)  (I) Fo			2.0%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	
Arisings of C&I in baseline year  (i) Forecast regional level growth rate of C&I - cumulative (%)  (i) Forecast regional level growth rate of C&I - cumulative (%)  (ii) Forecast regional level growth rate of C&I - cumulative (%)  (iii) Forecast regional level growth rate of C&I - cumulative (%)  (iii) Forecast regional level growth rate of C&I - cumulative (%)  (iii) Forecast sub-regional level growth rate of C&I - cumulative (%)  (iii) Forecast sub-regional level growth rate of C&I - cumulative (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iv) Forecast sub-regional level growth rate of C&I - per year (%)  (iv) Forecast sub-regional level growth rate of C&I - per year (%)  (iv) Forecast sub-regional level growth rate of C&I - per year (%)  (iv) Forecast sub-regional growth rate of C&I - per year (%)  (iv) Forecast sub-regional growth rate of C&I - per year (%)  (iv) Forecast sub-regional growth rate of C&I - per year (%)  (iv) Forecast regional level growth rate of C&I - per year (%)  (iv) Forecast regional level growth rate of C&I - per year (%)  (iv) Forecast regional level growth rate of C&I - per year (%)  (iv) Forecast regional level growth rate of hazardous waste - per year (%)  (iv) Forecast regional level growth rate of hazardous waste - per year (%)  (iv) Forecast regional level growth rate of hazardous waste - per year (%)  (iv) Forecast regional level growth rate of hazardous waste - per year (%)  (iv) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (iv) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (iv) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (iv) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (iv) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (iv) Forecast sub-regional level growth rate of	(1																						
(i) Forecast regional level growth rate of C&I - per year (%) (i) Forecast regional level growth rate of C&I - cumulative (%) (ii) Forecast regional level growth rate of C&I - cumulative (%) (iii) Forecast regional level growth rate of C&I - cumulative (%) (iv) Forecast regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional growth forecasts (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional level growth rate of C&I - cumulative (%) (iv) Forecast sub-regional growth forecasts (iv) Forecast regional level growth rate of hazardous waste in baseline year  (iv) Forecast regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v) (iv) Forecast sub-regional level growth rate of hazardous waste (v			0.401	0.409	0.413	0.417	0.421	0.425	0.430	0.432	0.434	0.430	0.436	0.440	0.443	0.445	0.447	0.449	0.452	0.404	0.400	0.436	_
Forecast pregional level growth rate of C&I - cumulative (%)   114%   117%   119%   122%   126%   129%   131%   134%   137%   139%   142%   144%   144%   144%   149%   149%   151%   153%   155%	(1		3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
Total arisings of CAI using regional growth forecasts 10.4			114%	117%	119%	122%	126%	129%	131%	134%	137%	139%	142%	144%	146%	149%	151%	153%	155%	156%	158%	159%	7
(1) Forecast sub-regional level growth rate of CAI - cumulative (%) 103% 104% 104% 105% 106% 106% 107% 108% 109% 109% 110% 111% 112% 113% 113% 114% 115% 116% 117% 117% 117% 117% 117% 117% 117			0.404	0.414	0.424	0.435	0.445	0.457	0.466	0.475	0.485	0.494	0.504	0.512	0.519	0.527	0.535	0.543	0.548	0.554	0.559	0.565	
Total arisings of C&I using sub-regional growth freecasts waste in baseline year  Total arisings of C&I using sub-regional growth free of hazardous waste in baseline year  Total arisings of hazardous waste in permitted of hazardous waste in permitted of hazardous waste in permitted of hazardous waste in baseline year  Total arisings of hazardous waste in baseline year  Total aris	(1	) Forecast sub-regional level growth rate of C&I - per year (%)	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	ш
Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of hazardous waste - per year (%) (3) 50	(1	) Forecast sub-regional level growth rate of C&I - cumulative (%)																					
(2) Forecast regional level growth rate of hazardous waste - per year (%) (3) 3% 2, 5% 2,	ardous		U.3b5	0.367	0.370	0.373	0.375	0.378	0.380	U.383	0.386	U.388	0.391	0.394	0.397	0.399	0.402	0.405	0.408	0.411	U.414	0.41/	-
Forecast regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 115% 115% 115% 123% 128% 128% 131% 133% 135% 135% 137% 139% 141% 144% 145% 145% 149% 149% 149% 145% 149% 149% 149% 145% 149% 149% 149% 149% 149% 149% 149% 149			3.3%	2.5%	2.5%	2,5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	4
Total arisings of hazardous waste - per year (%) 2) Forecast sub-regional level growth rate of hazardous waste - per year (%) 3) 0.7% 0.7% 0.7% 0.7% 0.7% 0.7% 0.7% 0.7%	(2																						
Forecast sub regional level growth rate of hazardous waste - cumulative (%)  1014 102% 103% 104% 104% 105% 106% 106% 107% 108% 109% 109% 110% 111% 112% 113% 113% 113% 115% 116% 116% 106% 107% 108% 109% 109% 109% 109% 109% 109% 109% 109																							
Total arisings of hazardous waste 0.022 0.022 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.023 0.024 0.024 0.024 0.024 0.024 0.024 0.025 0.	(2																						
d Total managed C&D in baseline year (3) Forecast regional-level growth rate of managed C&D - per year (%) (3) Forecast regional-level growth rate of managed C&D - cumulative (%)  100% 100% 100% 100% 100% 100% 100% 100																							
(3) Forecast regional-level growth rate of managed C&D - per year (%)  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0	d		0.022	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.025	0.025	-
Forecast regional-level growth rate of managed C&D - cumulative (%) 100% 100% 100% 100% 100% 100% 100% 10			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	(5																						7
	(3		0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

DATA\_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)

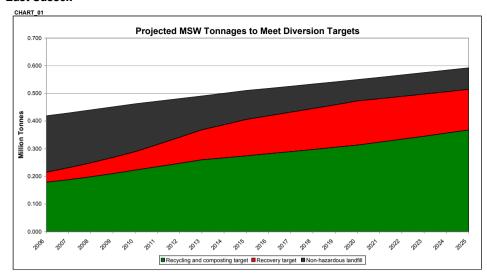
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

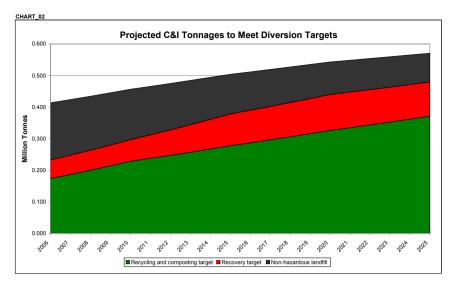
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

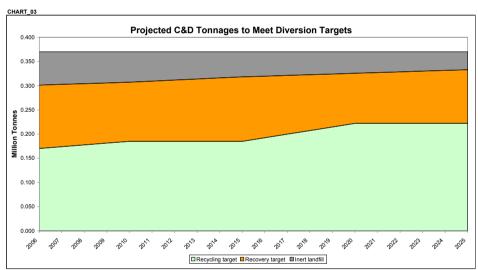
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	51%	51%	51%	51%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.074	0.073	0.071	0.069	0.067	0.065	0.061	0.058	0.054	0.051	0.047	0.045	0.043	0.041	0.039	0.037	0.036	0.036	0.035	0.034	0.033
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	52%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	52%	52%	52%	52%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.077	0.076	0.074	0.072	0.070	0.069	0.065	0.061	0.057	0.053	0.049	0.047	0.045	0.043	0.041	0.039	0.038	0.037	0.036	0.035	0.034
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	49%	49%	49%	49%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.054	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.034	0.033	0.032
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	48%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	48%	48%	48%	48%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.070	0.068	0.066	0.065	0.063	0.061	0.057	0.054	0.051	0.047	0.044	0.042	0.040	0.039	0.037	0.035	0.034	0.034	0.033	0.032	0.031

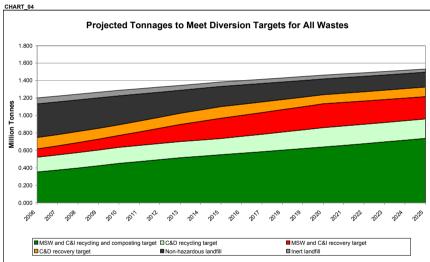
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the SEERA Plan. http://www.southeast-ra.gov.uk/southeast-ra.gov.uk/southeast-plan/march\_2006/core\_document/009\_seera\_sep\_d06.pdf
Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

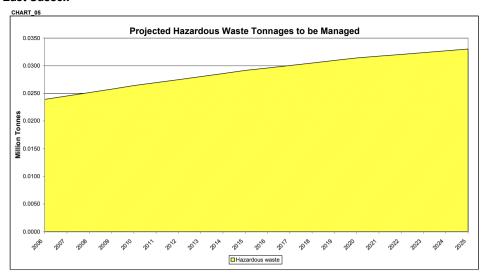
c&i	ts from london that are sent direct to non-hazardous landfill  from london that are sent direct to non-hazardous landfill	0.074 0.404 0.073 0.370 0.023	0.073 0.414 0.072 0.370 0.024	0.071 0.424 0.070 0.370 0.025	0.069 0.435 0.068 0.370 0.025	0.067 0.445 0.066 0.370 0.026	0.065 0.457 0.064 0.370 0.026	0.061 0.466 0.061 0.370 0.027	0.058 0.475 0.057 0.370 0.027	0.054 0.485 0.054 0.370 0.028	0.051 0.494 0.050 0.370 0.029	0.047 0.504 0.046 0.370 0.029	0.045 0.512 0.044 0.370 0.030	0.043 0.519 0.042 0.370 0.030	0.041 0.527 0.041 0.370 0.030	0.039 0.535 0.039 0.370 0.031	0.037 0.543 0.037 0.370 0.031	0.036 0.548 0.036 0.370 0.032	0.036 0.554 0.035 0.370 0.032	0.035 0.559 0.034 0.370 0.032	0.034 0.565 0.033 0.370 0.033	0.033 0.571 0.032 0.370 0.033
DATA 04:1	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	n landfill (Mt)	0.124	0.122	0.118	0.114	0.109	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.048
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
(	1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: \	VASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.143	0.161	0.179	0.199	0.219	0.240	0.266	0.292	0.320	0.348	0.378	0.393	0.408	0.424	0.440	0.456	0.464	0.472	0.481	0.489	0.498
	Total MSW not-diverted by targets	0.266	0.258	0.250	0.241	0.232	0.222	0.206	0.189	0.171	0.152	0.133	0.125	0.118	0.110	0.102	0.093	0.094	0.094	0.094	0.095	0.095
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.181	0.175	0.170	0.164	0.158	0.151	0.140	0.128	0.116	0.103	0.090	0.085	0.080	0.075	0.069	0.064	0.064	0.064	0.064	0.064	0.064
	LATS shortfall (how much extra is landfilled above LATS target)	0.057	0.054	0.052	0.050	0.049	0.049	0.049	0.049	0.048	0.038	0.028	0.026	0.024	0.021	0.019	0.016	0.016	0.016	0.017	0.017	0.017
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.008	0.009	0.010	0.010	0.011	0.011	0.013	0.014	0.014	0.012	0.009	0.009	0.008	0.007	0.006	0.005	0.005	0.005	0.005	0.005	0.005
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.049	0.045	0.042	0.040	0.038	0.038	0.037	0.035	0.034	0.026	0.019	0.018	0.016	0.014	0.012	0.011	0.011	0.011	0.011	0.012	0.012
	The section below in DATA_03 shows the tonnages by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.171	0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313	0.323	0.334	0.345	0.356	0.368
	Recovery target	0.029	0.036	0.043	0.051	0.059	0.067	0.080	0.094	0.108	0.120	0.132	0.137	0.142	0.148	0.154	0.159	0.157	0.155	0.152	0.150	0.147
	Non-hazardous landfill	0.209	0.204	0.198	0.191	0.183	0.173	0.156	0.140	0.123	0.114	0.105	0.099	0.094	0.089	0.083	0.077	0.078	0.078	0.078	0.078	0.078
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.161	0.174	0.187	0.200	0.214	0.228	0.238	0.247	0.257	0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362	0.371
Coxi	Recovery target	0.056	0.059	0.061	0.200	0.066	0.228	0.236	0.247	0.237	0.094	0.101	0.103	0.106	0.109	0.310	0.320	0.333	0.343	0.332	0.302	0.108
	Non-hazardous landfill	0.036	0.039	0.176	0.003	0.166	0.160	0.075	0.061	0.141	0.034	0.101	0.103	0.100	0.103	0.111	0.114	0.113	0.099	0.096	0.094	0.108
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.222
	Recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.111
	Inert landfill	0.070	0.069	0.067	0.066	0.064	0.063	0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038	0.037
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2000	2000	2010	2044	2042	2042	2014	2045	2046	2047	2040	2040	2020	2024	2022	2022	2024	2025
hazardous	Hazardous waste	2005 0.023	2006 0.024	2007 0.025	2008 0.025	2009 0.026	2010 0.026	2011 0.027	2012 0.027	2013 0.028	2014 0.029	2015 0.029	2016 0.030	2017 0.030	2018 0.030	2019 0.031	2020 0.031	2021 0.032	2022 0.032	2023 0.032	0.033	0.033
DATA_06: 1	OTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.333	0.353	0.374	0.398	0.424	0.451	0.472	0.494	0.516	0.534	0.551	0.568	0.585	0.603	0.621	0.639	0.658	0.678	0.697	0.718	0.738
	C&D recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.222
	MSW and C&I recovery target	0.085	0.095	0.104	0.114	0.124	0.135	0.155	0.175	0.196	0.214	0.232	0.240	0.248	0.257	0.265	0.273	0.270	0.267	0.263	0.259	0.255
	C&D recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.111
	Non-hazardous landfill	0.394	0.385	0.375	0.362	0.348	0.333	0.310	0.287	0.263	0.247	0.231	0.221	0.211	0.201	0.191	0.181	0.178	0.176	0.174	0.172	0.169
	Inert landfill	0.070	0.069	0.067 0.025	0.066	0.064	0.063 0.026	0.061	0.058	0.056	0.054	0.052	0.050 0.030	0.049 0.030	0.047	0.046	0.044	0.043	0.041 0.032	0.040	0.038	0.037 0.033
	Hazardous waste	0.023	0.024	0.025	0.025	0.026	0.020	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0.033











DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

W. EXISTING! EXISTED ON AGIT! ON NEGOTERIA, NEGOTERIA NE	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery	2000	2000	2001	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2017	2010	2010	LULU	LULI	LULL	LULU	LULI	2020
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
Total existing/planned MSW and C&I recovery capacity	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307
Total MSW waste required to meet target	0.029	0.036	0.043	0.051	0.059	0.067	0.080	0.094	0.108	0.120	0.132	0.137	0.142	0.148	0.154	0.159	0.157	0.155	0.152	0.150	0.147
Total C&I waste required to meet target	0.056	0.059	0.061	0.063	0.066	0.068	0.075	0.081	0.087	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110	0.108
Surplus/deficit capacity	0.222	0.212	0.203	0.193	0.182	0.172	0.152	0.132	0.111	0.093	0.074	0.067	0.059	0.050	0.042	0.034	0.037	0.040	0.044	0.048	0.051
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644	1.644
Total existing/planned composting capacity	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
Total MSW waste required to meet recycling and composting target	0.171	0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313	0.323	0.334	0.345	0.356	0.368
Total C&I waste required to meet recycling and composting target	0.161	0.174	0.187	0.200	0.214	0.228	0.238	0.247	0.257	0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362	0.371
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.026	0.006	-0.016	-0.039	-0.065	-0.092	-0.113	-0.135	-0.158	-0.175	-0.193	-0.209	-0.227	-0.244	-0.262	-0.280	-0.299	-0.319	-0.339	-0.359	-0.380
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.220	-0.240	-0.262	-0.286	-0.311	-0.339	-0.360	-0.382	-0.404	-0.421	-0.439	-0.456	-0.473	-0.491	-0.508	-0.527	-0.546	-0.565	-0.585	-0.606	-0.626
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.222
Surplus/deficit capacity	-0.167	-0.170	-0.174	-0.178	-0.181	-0.185	-0.185	-0.185	-0.185	-0.185	-0.185	-0.192	-0.200	-0.207	-0.215	-0.222	-0.222	-0.222	-0.222	-0.222	-0.222
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.111
Surplus/deficit capacity	1.744	1.663	1.582	1.500	1.419	1.338	1.315	1.292	1.269	1.246	1.223	1.197	1.172	1.147	1.121	1.096	1.115	1.135	1.154	1.173	1.193
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.825	0.226	-0.363	-0.940	-1.503	-2.051	-2.573	-3.067	-3.534	-3.980	-4.405	-4.820	-5.225	-5.619	-6.002	-6.375	-6.747	-7.117	-7.487	-7.856
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.825	0.211	-0.393	-0.987	-1.568	-2.137	-2.682	-3.203	-3.699	-4.177	-4.637	-5.088	-5.530	-5.962	-6.386	-6.799	-7.211	-7.622	-8.031	-8.439
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.825	0.170	-0.480	-1.124	-1.761	-2.389	-3.002	-3.600	-4.182	-4.754	-5.316	-5.873	-6.424	-6.970	-7.510	-8.044	-8.575	-9.103	-9.628	-10.149
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.825	0.214	-0.387	-0.977	-1.555	-2.120	-2.660	-3.176	-3.666	-4.138	-4.591	-5.034	-5.469	-5.894	-6.309	-6.714	-7.119	-7.521	-7.922	-8.322
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.825	0.183	-0.452	-1.080	-1.700	-2.309	-2.900	-3.473	-4.028	-4.571	-5.100	-5.623	-6.140	-6.649	-7.152	-7.648	-8.141	-8.632	-9.120	-9.605
Total MSW and C&I waste sent direct to non-hazardous landfill		0.385	0.375	0.362	0.348	0.333	0.310	0.287	0.263	0.247	0.231	0.221	0.211	0.201	0.191	0.181	0.178	0.176	0.174	0.172	0.169
Inert landfill																					
Available inert landfill capacity		0.000	-0.069	-0.136	-0.202	-0.266	-0.329	-0.390	-0.448	-0.505	-0.559	-0.611	-0.661	-0.710	-0.757	-0.803	-0.847	-0.890	-0.932	-0.972	-1.010
				-0.166	-0.249	-0.332	-0.415	-0.499	-0.584	-0.669	-0.756	-0.842	-0.929	-1.015	-1.100	-1.186	-1.272	-1.355	-1.436	-1.516	-1.593
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.083	-0.100																	
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.070	0.000	-0.083 0.067	0.066	0.064	0.063	0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038	0.037
	0.070						0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038	0.037
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill Available hazardous landfill capacity	0.070		0.067	0.066	0.064	0.063	0.061	0.058	0.000	0.000	0.000	0.050	0.000	0.000	0.046	0.000	0.000	0.000	0.000	0.000	0.000
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill	0.000	0.069	0.067	0.066	0.064	0.063	0.000		0.000		0.000	0.000	0.000		0.000	0.000	0.000	0.000		0.000	0.000
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfili capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.000	0.069 0.000	0.067 0.000 I/A N	0.066 0.000 I/A N	0.064 0.000 I/A N	0.063 0.000 I/A N	0.000 /A N	0.000 I/A N	0.000 /A N	0.000 I/A N	0.000 NA N	0.000 I/A N	0.000 I/A N	0.000 /A N	0.000 /A						
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill	0.000	0.069	0.067	0.066	0.064	0.063	0.000	0.000	0.000	0.000	0.000	0.000 /A N	0.000 /A N	0.000	0.000	0.000 I/A N	0.000	0.000	0.000	0.000 /A N	0.000 /A
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfili capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.000	0.069 0.000	0.067 0.000 I/A N	0.066 0.000 I/A N	0.064 0.000 I/A N	0.063 0.000 I/A N	0.000 /A N	0.000 I/A N	0.000 /A N	0.000 I/A N	0.000 NA N	0.000 I/A N	0.000 I/A N	0.000 /A N	0.000 /A						

<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

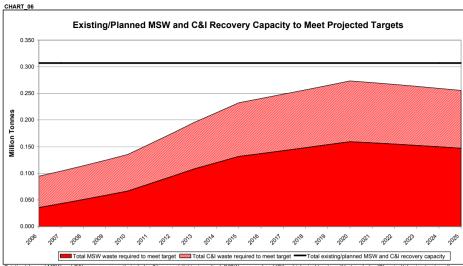
_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)																					
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	59	3 59	59	59	3 59
MSW and C&I to MBT	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																					
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10 5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling  Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
lanored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	the self-suffic	iency requi	rements of																		
9: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (of waste managed):																					
MSW and C&I incineration (non-specialist) - bottom ash	0.026	0.028	0.031	0.034	0.037	0.041	0.046	0.053	0.059	0.064	0.070	0.072	0.075	0.077	0.079	0.082	0.081	0.080	0.079	0.078	0.077
MSW and C&I incineration (non-specialist) - fly ash	0.003	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
MSW and C&I to MBT	0.050	0.056	0.061	0.067	0.073	0.080	0.091	0.103	0.115	0.126	0.137	0.142	0.147	0.151	0.156	0.161	0.159	0.157	0.155	0.153	0.151
MSW and C&I to RDF	0.010	0.011	0.012	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.032	0.032	0.032	0.031	0.031
MSW and C&I treatment - non-hazardous	0.038	0.043	0.047	0.051	0.056	0.061	0.070	0.079	0.088	0.096	0.105	0.108	0.112	0.115	0.119	0.123	0.122	0.120	0.118	0.117	0.115
MSW and C&I treatment - hazardous	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009 /A N	0.010	0.011	0.012	0.012	0.012	0.013	0.013	0.014	0.014	0.013	0.013 I/A N/	0.013	0.013
	N/A N	/A N	/A N	N/A N	/A N	/A N	I/A N	/A N	/A N/	A N	/A N	A N	/A N	/A N	/A N	I/A N	I/A N	1/A N	I/A N/	A N	I/A
Recycling residues (of waste managed):  MSW and CSU recycling and competing	0.050	0.053	0.056	0.060	0.064	0.068	0.071	0.074	0.077	0.080	0.083	0.085	0.088	0.090	0.093	0.096	0.099	0.102	0.105	0.108	0.111
MSW and C&I recycling and composting C&D recycling	0.030	0.033	0.030	0.000	0.004	0.008	0.019	0.019	0.017	0.000	0.003	0.003	0.020	0.030	0.093	0.022	0.033	0.022	0.103	0.022	0.111
	N/A N				/A N		I/A N		/A N/										I/A N/		I/A
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.067	0.070	0.074	0.077	0.082	0.086	0.089	0.093	0.096	0.099	0.101	0.104	0.108	0.111	0.115	0.118	0.121	0.124	0.127	0.130	0.13
11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million	Tonnes)																				
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.013	0.014	0.016	0.017	0.019	0.020	0.023	0.026	0.029	0.032	0.035	0.036	0.037	0.038	0.040	0.041	0.041	0.040	0.039	0.039	0.038
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.013	0.014	0.016	0.017	0.019	0.020	0.023	0.026	0.029	0.032	0.035	0.036	0.037	0.038	0.040	0.041	0.041	0.040	0.039	0.039	0.038
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																	0.011	0.010		0.000	
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.050	0.056	0.061	0.067	0.073	0.080	0.091	0.103	0.115	0.126	0.137	0.142	0.147	0.151	0.156	0.161	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)				0.067	0.073	0.080	0.091	0.103	0.115	0.126	0.137	0.142	0.147	0.151	0.156	0.161					0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill				0.067	0.073	0.080	0.091	0.103	0.115	0.126	0.137	0.142 0.029	0.147	0.151	0.156 0.032	0.161					0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity)	0.050	0.056	0.061	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.050	0.056	0.061														0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)	0.050 0.010 0.038	0.056 0.011 0.043	0.061 0.012 0.047	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land	0.050 0.010 0.038	0.056 0.011 0.043	0.061 0.012 0.047	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land	0.050 0.010 0.038	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment" (based on total recovery capacity)  (2) Total MSW and CSI residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 2: TONNAGES OF CSD REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) CSD reused on landfill sites	0.050 0.010 0.038 dfill. In the ori	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.050 0.010 0.038 dfill. In the ori	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites	0.050 0.010 0.038 dfill. In the ori	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.159	0.157	0.155	0.153	0.151
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 %	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047 I assumptio	0.014 0.051 ons develope	0.015 0.056 d MEL 50%	0.016 0.061 was assur	0.019 0.070 ned to go to	0.021 0.079 C&D recycl	0.023 0.088 ing, rather th	0.026 0.096 nan to inert	0.028 0.105 landfi	0.029	0.030	0.031	0.032	0.033	0.159 0.032 0.122	0.157 0.032 0.120	0.155 0.032 0.118	0.153 0.031 0.117	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'troatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill'	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 %	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047 I assumptio	0.014 0.051 ons develope	0.015 0.056 d MEL 50%	0.016 0.061 was assur	0.019 0.070 ned to go to	0.021 0.079 C&D recycl	0.023 0.088 ing, rather th	0.026 0.096 nan to inert	0.028 0.105 landfi	0.029	0.030	0.031	0.032	0.033	0.159 0.032 0.122	0.157 0.032 0.120	0.155 0.032 0.118	0.153 0.031 0.117	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land: TONINAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (2) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016	0.056 0.011 0.043 iginal mode 2006 0.015	0.061 0.012 0.047 Il assumptio	0.014 0.051 ons develope	0.015 0.056 d MEL 50%	0.016 0.061 0 was assur	0.019 0.070 ned to go to 2011 0.014	0.021 0.079 C&D recycl	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert	0.028 0.105 landfi	0.029	0.030	0.031 0.115 2018 0.013	0.032 0.119 2019 0.013	0.033 0.123 2020 0.012	0.159 0.032 0.122	0.157 0.032 0.120	0.155 0.032 0.118	0.153 0.031 0.117	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill'	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 %	0.056 0.011 0.043 iginal mode	0.061 0.012 0.047 I assumptio	0.014 0.051 ons develope 2008 0.015	0.015 0.056 d MEL 50% 2009 0.014	0.016 0.061 was assur	0.019 0.070 ned to go to	0.021 0.079 C&D recycl	0.023 0.088 ing, rather th	0.026 0.096 nan to inert	0.028 0.105 landfi 2015 0.016	0.029 0.108 2016 0.015	0.030 0.112 2017 0.014	0.031	0.032	0.033	0.159 0.032 0.122 2021 0.012	0.157 0.032 0.120 2022 0.012	0.155 0.032 0.118	0.153 0.031 0.117 2024 0.013	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'inert landfill'	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016	0.056 0.011 0.043 iginal mode 2006 0.015	0.061 0.012 0.047 Il assumptio	0.014 0.051 ons develope 2008 0.015	0.015 0.056 d MEL 50% 2009 0.014	0.016 0.061 0 was assur	0.019 0.070 ned to go to 2011 0.014	0.021 0.079 C&D recycl	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert	0.028 0.105 landfi 2015 0.016	0.029 0.108 2016 0.015	0.030 0.112 2017 0.014	0.031 0.115 2018 0.013	0.032 0.119 2019 0.013	0.033 0.123 2020 0.012	0.159 0.032 0.122 2021 0.012	0.157 0.032 0.120 2022 0.012	0.155 0.032 0.118	0.153 0.031 0.117 2024 0.013	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (2) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016	0.056 0.011 0.043 iginal mode 2006 0.015 0.036	0.061 0.012 0.047 Il assumption 2007 0.015 0.035	0.014 0.051 ons develope 2008 0.015 0.034	0.015 0.056 d MEL 50% 2009 0.014 0.034	0.016 0.061 b was assur 2010 0.014 0.033	0.019 0.070 med to go to 2011 0.014 0.034	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert	0.028 0.105 landfi 2015 0.016	0.029 0.108 2016 0.015	0.030 0.112 2017 0.014	0.031 0.115 2018 0.013	0.032 0.119 2019 0.013	0.033 0.123 2020 0.012	0.159 0.032 0.122 2021 0.012	0.157 0.032 0.120 2022 0.012	0.155 0.032 0.118	0.153 0.031 0.117 2024 0.013	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016	0.056 0.011 0.043 iginal mode 2006 0.015 0.036	0.061 0.012 0.047 Il assumption 2007 0.015 0.035	0.014 0.051 ons develope 2008 0.015 0.034	0.015 0.056 d MEL 50% 2009 0.014 0.034	0.016 0.061 b was assur 2010 0.014 0.033	0.019 0.070 med to go to 2011 0.014 0.034	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert	0.028 0.105 landfi 2015 0.016	0.029 0.108 2016 0.015	0.030 0.112 2017 0.014	0.031 0.115 2018 0.013	0.032 0.119 2019 0.013	0.033 0.123 2020 0.012	0.159 0.032 0.122 2021 0.012	0.157 0.032 0.120 2022 0.012	0.155 0.032 0.118	0.153 0.031 0.117 2024 0.013	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSV and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSV and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on inert landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016 0.036	0.056 0.011 0.043 iginal mode  2006 0.015 0.036	0.061 0.012 0.047 Il assumptio 2007 0.015 0.035	0.014 0.051 ons develope 2008 0.015 0.034	0.015 0.056 d MEL 50% 2009 0.014 0.034	0.016 0.061 0 was assured to the control of the c	0.019 0.070 med to go to 2011 0.014 0.034	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert 2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031	0.032 0.119 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 2021 0.012 0.029	0.157 0.032 0.120 2022 0.012 0.029	0.155 0.032 0.118 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  E: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005	0.056 0.011 0.043 iginal mode 2006 0.015 0.036	0.061 0.012 0.047 0.047 0.035 0.035	0.014 0.051 ons develope 2008 0.015 0.034 unted for C&	0.015 0.056 d MEL 50% 2009 0.014 0.034 D reuse as	0.016 0.061 0 was assur 2010 0.014 0.033 an enginee	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert 2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031	0.032 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 2021 0.012 0.029	0.157 0.032 0.120 2022 0.012 0.029	0.155 0.032 0.118 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed that data su E: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016 0.036	0.056 0.011 0.043 iginal mode 2006 0.015 0.036	0.061 0.012 0.047 0.047 0.035 0.035	0.014 0.051 ons develope 2008 0.015 0.034	0.015 0.056 d MEL 50% 2009 0.014 0.034 D reuse as	0.016 0.061 0 was assur 2010 0.014 0.033 an enginee	0.019 0.070 med to go to 2011 0.014 0.034	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather th 2013 0.015 0.035	0.026 0.096 nan to inert 2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031	0.032 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 2021 0.012 0.029	0.157 0.032 0.120 2022 0.012 0.029	0.155 0.032 0.118 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist nicineration' is sent to non-hazardous landfill and 50% is sent to inert land: 1**TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  **ETOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005	0.056 0.011 0.043 iginal mode 2006 0.015 0.036	0.061 0.012 0.047 0.047 0.035 0.035	0.014 0.051 ons develope 2008 0.015 0.034 unted for C&	0.015 0.056 d MEL 50% 2009 0.014 0.034 D reuse as	0.016 0.061 0 was assur 2010 0.014 0.033 an enginee	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert 2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031	0.032 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 2021 0.012 0.029	0.157 0.032 0.120 2022 0.012 0.029	0.155 0.032 0.118 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lane 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su 8: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005	0.056 0.011 0.043 iginal mode 0.015 0.036 h sub-regio 2006 /A N	0.061 0.012 0.047 0.047 0.035 0.035	0.014 0.051 ons develope 2008 0.015 0.034 unted for C&	0.015 0.056 d MEL 50%  2009 0.014 0.034 D reuse as	0.016 0.061 0 was assur 2010 0.014 0.033 an enginee	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather the state of the s	0.026 0.096 nan to inert  2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031	0.032 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 2021 0.012 0.029	0.157 0.032 0.120 2022 0.012 0.029	0.155 0.032 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill TORAD reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su E: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill E: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.050 0.010 0.038 dfill. In the ori 139 % 61 % 30 % 70 % 2005 0.016 0.036 pplied by each	0.056 0.011 0.043 iginal mode  2006 0.015 0.036 h sub-regio	0.061 0.012 0.047 Il assumptio	0.014 0.051 ons develope 2008 0.015 0.034 unted for C& 2008	0.015 0.056 d MEL 50% 2009 0.014 0.034 D reuse as	0.016 0.061 0 was assur  2010 0.014 0.033 an enginee	0.019 0.070 med to go to  2011 0.014 0.034 ring materia	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather th  2013 0.015 0.035	0.026 0.096 nan to inert 2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031 2018 /A N.	0.032 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 0.012 0.029 2021 0.029	0.157 0.032 0.120 0.120 2022 0.012 0.029	0.155 0.032 0.118 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  [3] Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  [4] C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'  [5] Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  [6] C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  [7] C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  [7] Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  [7] TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.050 0.010 0.038 dfill. In the ori 139 % 61 % 30 % 70 % 2005 0.016 0.036 pplied by each	0.056 0.011 0.043 iginal mode 0.015 0.036 h sub-regio 2006 /A N	0.061 0.012 0.047 Il assumptio	0.014 0.051 ons develope 2008 0.015 0.034 unted for C& 2008	0.015 0.056 d MEL 50%  2009 0.014 0.034 D reuse as	0.016 0.061 0 was assur  2010 0.014 0.033 an enginee	0.019 0.070 med to go to  2011 0.014 0.034 ring materia	0.021 0.079 C&D recycl 2012 0.015 0.034	0.023 0.088 ing, rather th  2013 0.015 0.035	0.026 0.096 nan to inert  2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036	0.029 0.108 2016 0.015 0.035	0.030 0.112 2017 0.014 0.033	0.031 0.115 2018 0.013 0.031 2018 /A N.	0.032 0.119 2019 0.013 0.030	0.033 0.123 2020 0.012 0.028	0.159 0.032 0.122 0.122 0.012 0.029 2021 0.029	0.157 0.032 0.120 0.120 2022 0.012 0.029	0.155 0.032 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030	0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse and on on-hazardous landfill in total reused C&D on inert landfill'  (1) C&D reuse on inert and non-hazardous landfill in tot included within the charts because it has been assumed that data su  3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  5: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (capacity)	0.050 0.010 0.038 dfill. In the ori 139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by each 2005 N/A N/ 2005	0.056 0.011 0.043 iginal mode 0.015 0.036 h sub-regio 2006 //A N 2006 0.003	2007 0.003 0.003 0.047 0.047 0.015 0.035 0.035	2008 0.014 0.051 2008 0.015 0.034 0.015 0.034 0.008 0.008 0.008	0.015 0.056 d MEL 50%  2009 0.014 0.034 D reuse as 2009 //A N	2010 0.014 0.033 an enginee 2010 /A N	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia 2011 I/A N 2011	0.021 0.079 C&D recycl  2012 0.015 0.034 I.  2012 //A N.  2012 0.005	0.023 0.088 ing, rather the state of the sta	0.026 0.096 nan to inert  2014 0.015 0.036  2014 A N.  2014 0.006	0.028 0.105 landfi  2015 0.016 0.036  2015  2015 0.007	2016 0.029 0.108 2016 0.015 0.035 2016 0.007	2017 0.014 0.033 2017 0.014 0.033 2017 0.007	2018 0.013 0.013 0.031 2018 7A N. 2018	0.032 0.119 2019 0.013 0.030 2019 7A N	2020 0.012 0.012 0.012 0.028	0.159 0.032 0.122  2021 0.012 0.029  2021 UA N 2021 0.008	0.157 0.032 0.120 0.120 2022 0.012 0.029	0.155 0.032 0.118 2023 0.013 0.029 2023 0.013 0.029 0.008	0.153 0.031 0.117 2024 0.013 0.030 2024 A N. 2024 0.008	0.151 0.031 0.115 2025 0.013 0.030 2025 0.008
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (1) C&D reused on inert landfill (1) C&D reuse at landfill and sent in the charts because it has been assumed that data su S: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill S: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016 0.036  2005 N/A N	0.056 0.011 0.043 iginal mode 0.015 0.036 h sub-regio 2006 /A N	0.061 0.012 0.047 Il assumptio	0.014 0.051 ons develope 2008 0.015 0.034 united for C&	0.015 0.056 d MEL 50%  2009 0.014 0.034 D reuse as 2009 /A N	2010 0.061 b was assur 2010 0.014 0.033 an enginee 2010 /A N	0.019 0.070 med to go to  2011 0.014 0.034  ring materia 2011 I/A N	0.021 0.079 C&D recycl 2012 0.015 0.034 I.	0.023 0.088 ing, rather the single state of	0.026 0.096 nan to inert  2014 0.015 0.036	0.028 0.105 landfi 2015 0.016 0.036 2015 /A N.	2016 0.015 0.035 2016 A N.	2017 0.030 0.112 2017 0.014 0.033	2018 0.031 2018 0.013 0.031 2018	0.032 0.119 2019 0.013 0.030 2019 /A N	2020 0.012 0.012 0.012 0.028	0.159 0.032 0.122  0.122  2021 0.012 0.029  2021  2021  2021  2021	0.157 0.032 0.120 0.120 2022 0.012 0.029	0.155 0.032 0.118 2023 0.013 0.029	0.153 0.031 0.117 2024 0.013 0.030 2024 A N.	0.151 0.031 0.115 2025 0.013 0.030 2025
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and CSI residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and CSI residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert landfill' (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill second on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill second on total recovery capacity)	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016 0.036 pplied by each	0.056 0.011 0.043 iginal mode 0.015 0.036 0.015 0.036 4 N 2006 0.003	2007 0.003 0.003 0.003	2008 2008 2008 2008 2008 0.015 0.034 2008 2008 0.003	0.015 0.056 0.056 d MEL 50%  2009 0.014 0.034 D reuse as 2009 (A N 2009 0.004 0.000	2010 0.014 0.033 an enginee 2010 2010 0.004 0.004	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia 2011 I/A N 2011 0.005	0.021 0.079 C&D recycl 2012 0.015 0.034 I. 2012 /A N. 2012 0.005	0.023 0.088 ing, rather the state of the sta	0.026 0.096 nan to inert  2014 0.015 0.036  2014 A N.  2014 0.006 0.000	0.028 0.105 0.105 landfi  2015 0.016 0.036  2015 /A N. 2015 0.007	2016 0.035 2016 0.035 2016 A N. 2016 0.007	2017 0.030 0.112 2017 0.014 0.033 2017 /A N 2017 0.007	2018 0.031 0.115 2018 0.013 0.031 2018 2018 0.008	0.032 0.119 2019 0.013 0.030 2019 /A N 2019 0.008	0.033 0.123 0.123 2020 0.012 0.028 2020 0.008 0.000	0.159 0.032 0.122 0.122 0.012 0.029 2021 I/A N 2021 0.008	0.157 0.032 0.120 0.120 2022 0.012 0.029 2022 V/A 0.008 0.000	0.155 0.032 0.118  2023 0.013 0.029  2023  I/A N/ 2023 0.008 0.000	0.153 0.031 0.117 2024 0.013 0.030 2024 A N.	0.151 0.031 0.115 2025 0.013 0.030 2025 1/A 2025 0.008
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (2) TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse and tandfill and on-hazardous landfill is not included within the charts because it has been assumed that data su (3) TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill (4) TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill sassuming all MSW and C&I recovery capacity) Total MSW and C&I residue sent to hazardous landfill sesuming all MSW and C&I recovery sent to hazardous landfill sesuming all MSW and C&I recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill sesuming all MSW and C&I recovery sent to hazardous landfill sesuming all MSW and C&I r	0.050 0.010 0.038 dfill. In the ori 139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by each 2005 N/A N/ 2005	0.056 0.011 0.043 iginal mode 0.015 0.036 h sub-regio 2006 //A N 2006 0.003	2007 0.003 0.003 0.047 0.047 0.015 0.035 0.035	2008 0.014 0.051 2008 0.015 0.034 0.015 0.034 0.008 0.008 0.008	0.015 0.056 d MEL 50%  2009 0.014 0.034 D reuse as 2009 //A N	2010 0.014 0.033 an enginee 2010 /A N	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia 2011 I/A N 2011	0.021 0.079 C&D recycl  2012 0.015 0.034 I.  2012 //A N.  2012 0.005	0.023 0.088 ing, rather the state of the sta	0.026 0.096 nan to inert  2014 0.015 0.036  2014 A N.  2014 0.006	0.028 0.105 landfi  2015 0.016 0.036  2015  2015 0.007	2016 0.029 0.108 2016 0.015 0.035 2016 0.007	2017 0.014 0.033 2017 0.014 0.033 2017 0.007	2018 0.013 0.013 0.031 2018 7A N. 2018	0.032 0.119 2019 0.013 0.030 2019 7A N	2020 0.012 0.012 0.012 0.028	0.159 0.032 0.122  2021 0.012 0.029  2021 UA N 2021 0.008	0.157 0.032 0.120 0.120 2022 0.012 0.029	0.155 0.032 0.118 2023 0.013 0.029 2023 0.013 0.029 0.008	0.153 0.031 0.117 2024 0.013 0.030 2024 A N. 2024 0.008	0.151 0.031 0.115 2025 0.013 0.030 2025 0.008
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C& Iresidue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C& Iresidue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "the the total recovery capacity) (2) Total MSW and C& Iresidue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by "the the total recovery capacity) (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on non-hazardous landfill (1) C&D reused on inert landfill'  Total C&D reused on non-hazardous landfill (1) C&D reused on inert landfill (2) C&D reused on inert landfill (3) C&D reused on inert landfill in total reused C&D on inert landfill (1) C&D reused on inert landfill in total reused C&D on inert landfill (2) C&D reuse rates based on original model assumptions developed MEL (3) TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill (4) TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Mon-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by TMDF (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by TWDF (based on tota	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016 0.036  2005 N/A N 2005 0.000 0.000	0.056 0.011 0.043 0.043 2006 0.015 0.015 0.036 0.036 0.036 0.030 0.000 0.000	2007 0.003 0.003 0.003 0.003	2008 0.015 0.034 united for C& 2008 0.003 0.000 0.000	0.015 0.056 0.056 d MEL 50%  2009 0.014 0.034  D reuse as 2009 (A N 2009 0.004 0.000	2010 0.014 0.033 an enginee 2010 0.004 0.000	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia 2011 2011 0.005 0.000	0.021 0.079 C&D recycl 2012 0.015 0.034 I. 2012 A N. 2012 0.005 0.000	0.023 0.088 0.088 ing, rather the state of t	2014 0.096 0.096 nan to inert	0.028 0.105 landfi 2015 0.016 0.036 2015 /A N. 2015 0.007 0.000	2016 0.035 2016 0.035 2016 A No. 2016 0.007 0.000	2017 0.030 0.112 2017 0.014 0.033 2017 0.007 0.000 0.000	2018 0.031 0.115 2018 0.031 2018 0.008 0.008	0.032 0.119 2019 0.013 0.030 2019 /A N 2019 0.008 0.000	2020 0.0123 2020 0.012 0.028 2020 0.008 0.000	0.159 0.032 0.122 0.122 0.012 0.012 0.029 0.029 0.008 0.000 0.000	0.157 0.032 0.120 0.120 0.120 0.012 0.012 0.029 0.029 0.002 0.000 0.000 0.000	0.155 0.032 0.118  2023 0.013 0.029  2023  I/A N/ 2023 0.008 0.000 0.000	0.153 0.031 0.117 2024 A N 2024 2024 0.008 0.000 0.000	0.151 0.031 0.115 2025 0.013 0.030 2025 0.008 2025 0.008
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su 13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill 14: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery due sent to hazardous landfill assuming all MSW and C&I recovery due sent to hazardous landfill assuming all MSW and C&I	0.050 0.010 0.038 dfill. In the ori 39 % 61 % 30 % 70 % 2005 0.016 0.036 pplied by each	0.056 0.011 0.043 iginal mode 0.015 0.036 0.015 0.036 4 N 2006 0.003	2007 0.003 0.003 0.003	2008 2008 2008 2008 2008 0.015 0.034 2008 2008 0.003	0.015 0.056 0.056 d MEL 50%  2009 0.014 0.034 D reuse as 2009 (A N 2009 0.004 0.000	2010 0.014 0.033 an enginee 2010 2010 0.004 0.004	0.019 0.070 ned to go to  2011 0.014 0.034 ring materia 2011 I/A N 2011 0.005	0.021 0.079 C&D recycl 2012 0.015 0.034 I. 2012 /A N. 2012 0.005	0.023 0.088 ing, rather the state of the sta	0.026 0.096 nan to inert  2014 0.015 0.036  2014 A N.  2014 0.006 0.000	0.028 0.105 0.105 landfi  2015 0.016 0.036  2015 /A N. 2015 0.007	2016 0.035 2016 0.035 2016 A N. 2016 0.007	2017 0.030 0.112 2017 0.014 0.033 2017 /A N 2017 0.007	2018 0.031 0.115 2018 0.013 0.031 2018 2018 0.008	0.032 0.119 2019 0.013 0.030 2019 /A N 2019 0.008	0.033 0.123 0.123 2020 0.012 0.028 2020 0.008 0.000	0.159 0.032 0.122 0.122 0.012 0.029 2021 I/A N 2021 0.008	0.157 0.032 0.120 0.120 2022 0.012 0.029 2022 V/A 0.008 0.000	0.155 0.032 0.118  2023 0.013 0.029  2023  I/A N/ 2023 0.008 0.000	0.153 0.031 0.117 2024 0.013 0.030 2024 A N.	0.151 0.031 0.115 2025 0.013 0.030 2025 1/A 2025 0.008

NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.

2005 N/A

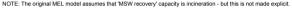
DATA\_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)

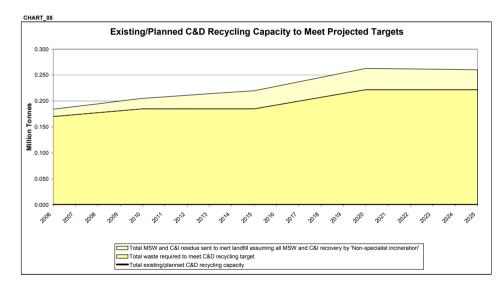
Total hazardous waste recycling and recovery residue sent to hazardous landfill



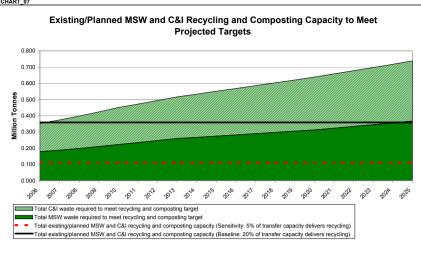
Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.

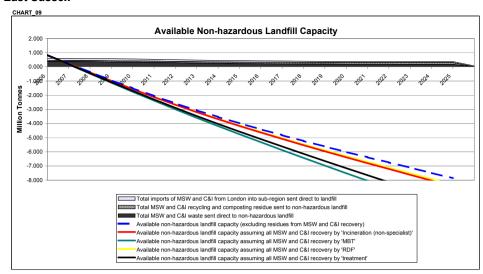


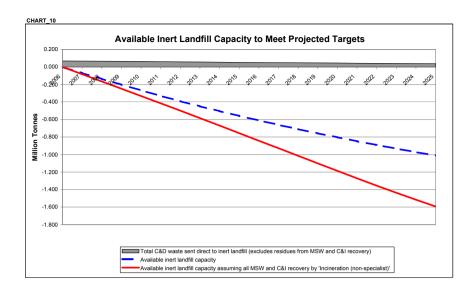






Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





#### SUMMARY DATA AND RESULTS FOR HAMPSHIRE

SW SW	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	ASTE USED TO GENERATE RESULTS (MILITOTITIES)		0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335
	from london that are sent direct to non-hazardous landfill		0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027				0.025
&i 81 :	in an land a that are not discattle and househous landfill		1.658 0.091	1.699 0.089	1.742 0.087	1.785 0.084	1.830 0.082	1.866 0.077	1.904 0.073	1.942 0.068	1.981 0.064	2.020 0.059	2.050	2.081	2.112 0.052	2.144	2.176 0.047	2.198			2.265
sı - imports tr sd	rom london that are sent direct to non-hazardous landfill		2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148				2.148
zardous			0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227				0.236
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2024
	LATS shortfall (how much extra is landfilled above LATS target)		0.039 0.340	0.042	0.049 0.401	0.060 0.439	0.075 0.481	0.080 0.513	0.083	0.086	0.064 0.594	0.042 0.612	0.038	0.034 0.649	0.030 0.667	0.025 0.686	0.020 0.705	0.020	0.020 0.753	0.021 0.778	0.021 0.803
	Recycling and composting target Recovery target		0.068	0.084	0.401	0.439	0.461	0.513	0.208	0.241	0.594	0.612	0.830	0.849	0.887	0.345	0.705				0.803
	Non-hazardous landfill		0.551	0.530	0.503	0.471	0.433	0.391	0.348	0.305	0.284	0.262	0.249	0.235	0.222	0.208	0.194				0.195
d -	Recycling and composting target		0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449
	Recovery target		0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453			0.439
	Non-hazardous landfill		0.726	0.707	0.686	0.664	0.640	0.616	0.590	0.563	0.535	0.505	0.488	0.470	0.452	0.433	0.413	0.404			0.376
	Recycling target Recovery target		0.988 0.760	1.010 0.748	1.031 0.735	1.053 0.722	1.074 0.709	1.074 0.722	1.074 0.735	1.074 0.748	1.074 0.760	1.074 0.773	1.117 0.739	1.160 0.705	1.203 0.670	1.246 0.636	1.289 0.601				1.289 0.636
	Nection of the state of the sta		0.700	0.748	0.733	0.722	0.709	0.722	0.733	0.740	0.700	0.773	0.739	0.703	0.070	0.030	0.001	0.010			0.030
	Hazardous waste		0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227				0.236
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assumes	s that this e	extra waste	is recycled/o	composted	and recover	ed at the sa	me ratio as t				omposting a			ar.					
STING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSE	AL ROUTE (	Million Tor	nnes)																	
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
N and C&I			4 700	4 700	4 700	4 700	4 700	4 700	4 700	4 700	4 700	4.700	4 700	4 700	4 700	4 700	4 70-		4 70-		4 70-
	Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		1.768	1.768	1.768	1.768	1.768	1.768 1.294	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768 0.952	1.768			1.768
	recycling and composting		1.400	1.433	1.411	1.302	1.330	1.234	1.231	1.170	1.120	1.070	1.040	1.024	1.001	0.511	0.932	0.902	0.971	0.901	0.552
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4.991
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		3.955	3.875	3.788	3.695	3.595	3.526	3.456	3.385	3.327	3.267	3.212	3.156	3.098	3.040	2.980				2.739
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		3.553	3.473	3.386	3.293	3.193	3.125	3.054	2.983	2.925	2.866	2.810	2.754	2.697	2.638	2.578	2.520	2.460	2.399	2.337
recycling .	Tarte a victima (alexand CSD counting separity)		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		-0.072 -0.916	-0.938	-0.072	-0.072	-1.002	-1 002	-1.002	-1.002	-1.002	-1.002	-1.045	-1 088	-1 131	-1 174	-1 217	-1.217			-1.217
recovery	Outplus deficit capacity		-0.010	-0.330	-0.000	-0.301	-1.002	-1.002	-1.002	-1.002	-1.002	-1.002	-1.043	-1.000	-1.101	-1.17-	-1.217	-1.217	-1.217	-1.217	-1.217
,	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.033	0.963	0.892	0.822	0.751	0.717	0.684	0.650	0.616	0.583	0.586	0.589	0.592	0.595	0.598	0.610			0.647
ardous wa	aste recycling																				
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	iste recovery Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing planner inaziruous waste recovery capacity Surplus/deficit canacity		0.000 N/A	N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	N/A	N/A	N/A	N/A	N/A	0.000 N/A	0.000 N/A	N/A	0.000 N/A	0.000 N/A			0.000 N/A
-hazardous	is landfill																				
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		1.532	-0.143	-1.788	-3.398	-4.965	-6.484	-7.940			-11.930	-13.156	-14.361	-15.543	-16.703	-17.839		-20.062	-21.171	-22.278
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.490	-0.231	-1.925	-3.588	-5.213	-6.795	-8.322		-11.205	-12.577	-13.908	-15.220	-16.514	-17.789	-19.044				-23.964
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		1.367	-0.487	-2.326	-4.146	-5.941	-7.708				-14.475	-16.113	-17.743	-19.364	-20.976	-22.580				-28.910
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		1.499 1.407	-0.213 -0.405	-1.898 -2.199	-3.550 -3.968	-5.164 -5.710	-6.733 -7.417	-8.246 -9.086	-9.700 -10.716	-11.095 -12.306	-12.448 -13.871	-13.758 -15.411	-15.048 -16.940	-16.320 -18.457	-17.572 -19.962	-18.803 -21.455		-21.221		-23.627 -27.336
t landfill	Available non-nazardous landilli capacity assuming all MSW and CAI recovery by treatment		1.407	-0.405	-2.199	-3.900	-5.710	-1.411	-9.000	-10.716	-12.300	-13.6/1	-15.411	-10.940	-10.407	-19.902	-21.400		24 400		-21.330
	and the second s																	-22.934	-24.408	-25.875	
				1.335	0.944	0.562	0.188	-0.177	-0.529	-0.869	-1.195	-1.509	-1.810	-2 102	-2 385	-2 660	-2 927	-3.184			-3.906
	Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.735 1.693	1.335 1.248	0.944 0.807	0.562 0.372	0.188 -0.060	-0.177 -0.488	-0.529 -0.912	-0.869 -1.331	-1.195 -1.746	-1.509 -2.156	-1.810 -2.561	-2.102 -2.962	-2.385 -3.357	-2.660 -3.747	-2.927 -4.132	-3.184	-3.434	-3.674	-3.906 -5.592
ardous lan	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.693	1.248	0.807	0.372	-0.060	-0.488	-0.912	-1.331	-1.746	-2.156	-2.561	-2.962	-3.357	-3.747	-4.132	-3.184 -4.512	-3.434 -4.882	-3.674 -5.242	-5.592
zardous lan	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity																	-3.184 -4.512	-3.434 -4.882	-3.674 -5.242	
zardous lan	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.693	1.248	0.807	0.372	-0.060	-0.488	-0.912	-1.331	-1.746	-2.156	-2.561	-2.962	-3.357	-3.747	-4.132	-3.184 -4.512	-3.434 -4.882	-3.674 -5.242	-5.592
ardous lan	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity	2005	1.693	1.248	0.807	0.372	-0.060	-0.488	-0.912	-1.331	-1.746	-2.156	-2.561	-2.962	-3.357	-3.747	-4.132	-3.184 -4.512 0.000	-3.434 -4.882 0.000	-3.674 -5.242 0.000	-5.592
ardous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' soffill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  SISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year		0.000 2006	0.000	0.807 0.000 2008	0.372	-0.060 0.000 2010	-0.488 0.000 2011	-0.912 0.000 2012	-1.331 0.000 2013	-1.746 0.000 2014	-2.156 0.000 2015	-2.561 0.000 2016	-2.962 0.000 2017	-3.357 0.000 2018	-3.747 0.000 2019	-4.132 0.000 2020	-3.184 -4.512 0.000	-3.434 -4.882 0.000	-3.674 -5.242 0.000	-5.592 0.000 2024
ardous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	0.000 2006 2.5%	1.248 0.000 2007 2.5%	0.807 0.000 2008 2.5%	0.372 0.000 2009 2.5%	-0.060 0.000 2010 2.5%	-0.488 0.000 2011 2.0%	-0.912 0.000 2012 2.0%	-1.331 0.000 2013 2.0%	-1.746 0.000 2014 2.0%	-2.156 0.000 2015 2.0%	-2.561 0.000 2016	-2.962 0.000 2017 1.5%	-3.357 0.000 2018	-3.747 0.000 2019	-4.132 0.000 2020 1.5%	-3.184 -4.512 0.000 2021	-3.434 -4.882 0.000 2022 1.5%	-3.674 -5.242 0.000 2.2023	-5.592 0.000 2024 1.5%
ardous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISIINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 106%	1.693 0.000 2006 2.5% 109%	1.248 0.000 2007 2.5% 111%	0.807 0.000 2008 2.5% 114%	0.372 0.000 2009 2.5% 117%	-0.060 0.000 2010 2.5% 120%	-0.488 0.000 2011 2.0% 122%	-0.912 0.000 2012 2.0% 125%	-1.331 0.000 2013 2.0% 127%	-1.746 0.000 2014 2.0% 130%	-2.156 0.000 2015 2.0% 133%	-2.561 0.000 2016 1.5% 135%	-2.962 0.000 2017 1.5% 137%	-3.357 0.000 2018 1.5% 139%	-3.747 0.000 2019 1.5% 141%	-4.132 0.000 2020 1.5% 143%	-3.184 -4.512 0.000 2021 1.5% 145%	-3.434 -4.882 0.000 2022 1.5% 147%	-3.674 -5.242 0.000 2.2023 1.5% 149%	-5.592 0.000 2024 1.5% 152%
TA_01: AR	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINIGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts	3.0% 106% 0.935	1.693 0.000 2006 2.5% 109% 0.958	1.248 0.000 2007 2.5% 111% 0.982	0.807 0.000 2008 2.5% 114% 1.007	0.372 0.000 2009 2.5% 117% 1.032	-0.060 0.000 2010 2.5% 120% 1.058	-0.488 0.000 2011 2.0% 122% 1.079	-0.912 0.000 2012 2.0% 125% 1.101	-1.331 0.000 2013 2.0% 127% 1.123	-1.746 0.000 2014 2.0% 130% 1.145	-2.156 0.000 2015 2.0% 133% 1.168	-2.561 0.000 2016 1.5% 1.35% 1.185	-2.962 0.000 2017 1.5% 137% 1.203	-3.357 0.000 2018 1.5% 139% 1.221	-3.747 0.000 2019 1.5% 141% 1.240	-4.132 0.000 2020 1.5% 143% 1.258	-3.184 -4.512 0.000 2021 1.5% 145% 1.277	-3.434 -4.882 0.000 2022 1.5% 147% 1.296	-3.674 -5.242 0 0.000 2 2023 1.5% 149% 1.316	-5.592 0.000 2024 1.5% 152% 1.335
ardous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' drill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISIINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast using-gional growth rate of MSW - per year (%)	3.0% 106% 0.935 3.0%	1.693 0.000 2006 2.5% 109% 0.958 2.5%	1.248 0.000 2007 2.5% 111% 0.982 2.5%	0.807 0.000 2008 2.5% 114% 1.007 2.5%	0.372 0.000 2009 2.5% 117% 1.032 2.5%	-0.060 0.000 2010 2.5% 120% 1.058 2.5%	-0.488 0.000 2011 2.0% 122% 1.079 2.0%	-0.912 0.000 2012 2.0% 125% 1.101 2.0%	-1.331 0.000 2013 2.0% 127% 1.123 2.0%	-1.746 0.000 2014 2.0% 130% 1.145 2.0%	-2.156 0.000 2015 2.0% 133% 1.168 2.0%	-2.561 0.000 2016 1.5% 1.35% 1.185 1.5%	-2.962 0.000 2017 1.5% 137% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5%	-3.747 0.000 2019 1.5% 141% 1.240	-4.132 0.000 2020 1.5% 143% 1.258 1.5%	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.5%	-3.434 -4.882 0.000 2022 1.5% 147% 1.296	-3.674 2 -5.242 0 0.000 2 2023 - 1.5% - 149% - 1.316 - 1.56	-5.592 0.000 2024 1.5% 152% 1.335
ardous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%)	3.0% 106% 0.935	1.693 0.000 2006 2.5% 109% 0.958	1.248 0.000 2007 2.5% 111% 0.982	0.807 0.000 2008 2.5% 114% 1.007	0.372 0.000 2009 2.5% 117% 1.032	-0.060 0.000 2010 2.5% 120% 1.058	-0.488 0.000 2011 2.0% 122% 1.079	-0.912 0.000 2012 2.0% 125% 1.101	-1.331 0.000 2013 2.0% 127% 1.123	-1.746 0.000 2014 2.0% 130% 1.145	-2.156 0.000 2015 2.0% 133% 1.168	-2.561 0.000 2016 1.5% 1.35% 1.185	-2.962 0.000 2017 1.5% 137% 1.203	-3.357 0.000 2018 1.5% 139% 1.221	-3.747 0.000 2019 1.5% 141% 1.240	-4.132 0.000 2020 1.5% 143% 1.258	-3.184 -4.512 0.000 2021 1.5% 145% 1.277	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.59%	-3.674 -5.242 0.000 2.2023 1.5% 1.316 1.316 1.59%	-5.592 0.000 2024 1.5% 152% 1.335
ardous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' drill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISIINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast using-gional growth rate of MSW - per year (%)	3.0% 106% 0.935 3.0% 106%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 111%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114%	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120%	-0.488 0.000 2011 2.0% 122% 1.079 2.0% 122%	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125%	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127%	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130%	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 135%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137%	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141%	-4.132 0.000 2020 1.5% 143% 1.258 1.5% 143%	-3.184 -4.512 0.000 2021 1.5% 145% 14.277 1.5%	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.59%	-3.674 -5.242 0.000 2.2023 1.5% 1.316 1.316 1.59%	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 152%
(1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' drill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  Risings AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of MSW - Forecast sub-regional growth forecasts	3.0% 106% 0.935 3.0% 106% 0.935	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958	1.248 0.000 2007 2.5% 111% 0.982 2.5% 111% 0.982 2.5%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.007	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.032	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 1.058 2.5%	-0.488 0.000 2011 2.0% 122% 1.079 2.0% 122% 1.079 2.0%	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168	-2.561 0.000 2016 1.5% 1.35% 1.185 1.5% 1.185	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 1419 1.240	-4.132 0.000 2020 1.5% 1.258 1.5% 1.43% 1.258	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.5% 145%	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.5% 1.296	-3.674 -5.242 -0.000 -2.2023 -1.5% -1.136 -1.316 -1.316 -1.316 -1.316	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 1.335
A_01: AR (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')  wifill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast gelonal level growth rate of C&I - cumulative (%)	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958	1.248 0.000 2007 2.5% 111% 0.982 2.5% 111% 0.982 2.5% 116%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.007	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.032	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.058	-0.488 0.000 2011 2.0% 122% 1.079 2.0% 1.079 2.0% 1.22% 1.079	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 1.25% 1.101 2.0% 130%	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132%	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.185	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 1.203 1.5% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240	-4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5%	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.5% 1.277 1.5%	-3.434 -4.882 0.000 2022 1.5% 1.296 1.5% 1.296 1.5%	2 -3.674 2 -5.242 3 0.000 2 2023 3 1.5% 5 149% 6 1.316 6 1.57 6 149% 6 1.316	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 1.335
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' drill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using use-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - usumulative (%) Total arisings of C&I using regional growth forecasts	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 1.658	1.248 0.000 2007 2.5% 111% 0.982 2.5% 1119 0.982 2.5% 116% 1.699	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.007 2.5% 1149 1.007	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.032 2.5% 1.785	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.058 2.5% 1.25% 1.25% 1.25% 1.25% 1.25%	-0.488 0.000 2011 2.0% 122% 1.079 2.0% 122% 1.079 2.0% 122% 1.079	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 130% 130% 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 1.123	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.0% 133% 2.020	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.185 1.5% 1.185	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137% 1.203 1.5% 1.203 1.5% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 1.44% 2.112	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 2.144	-4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 1.43% 1.258	-3.184 -4.512 0.000 2021 1.5% 1.277 1.5% 1.277 1.5% 1.277 1.0%	-3.434 -4.882 0.000 2022 1.5% 1.296 1.5% 1.296 1.296 1.296 1.296	- 3.674 - 5.242 0.000 2.2023 1.5% 1.49% 1.1316 1.316 1.316 1.316 1.316 1.316 2.242	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 1.53% 1.54% 2.265
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' biffill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  828INGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - word of the containing of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I using sub-regional growth forecasts  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 113% 1.658 2.5%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.5%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.742 2.5%	0.372 0.000 2009 2.5% 117% 1.032 2.5% 122% 1.22% 1.785 2.5%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.258 125% 1.830 2.5%	-0.488 0.000 2011 2.0% 122% 1.079 122% 1.079 2.0% 127% 1.866 2.0%	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 130% 1.904 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 1.173 1.123 2.0% 1.123 2.0% 1.123 2.0% 1.123	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981 1.981	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.0% 138% 2.020 2.0%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.485 1.5% 1.40% 2.050 1.5%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137% 1.203 1.5% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 1.211 1.5%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 2.144 1.5%	-4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 1.258 1.5% 1.5%	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.0% 150% 1.15% 1.50%	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.5% 1.59 1.0% 151% 2.220	2 -3.674 2 -5.242 0 0.000 2 2023 1.5% 1.49% 1.316 1.316 1.0% 1.53% 1.53% 1.53% 1.53% 1.53% 1.53%	-5.592 0.000 2024 1.5% 1.52% 1.335 1.5% 1.335 1.0% 1.4% 2.265 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' drill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RisinGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using used for MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using user special growth rate of MSW - Growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3% 110%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 113% 1.658 2.5% 113%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.5% 116%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.72 2.5% 119% 1.72 119%	0.372 0.000 2009 2.5% 117% 1.032 2.5% 112% 1.22% 1.25% 122% 1.25%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.058 2.5% 1.830 2.5% 1.830 2.5%	-0.488 0.000 2011 2.0% 122% 1.079 2.0% 1.22% 1.079 2.0% 1.27% 1.866 2.0% 127% 1.866 2.0%	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 1.101 1.101 2.0% 1.101 1	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 132% 1.942 2.0%	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981 2.0% 135%	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.0% 138% 2.020 2.0%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.185 1.5% 1.40% 2.050 1.5% 140%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 1.203 1.5% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 1399 1.221 1.5% 144% 2.112 1.5%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 146% 2.144 1.5%	4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 2.176 1.48% 2.176	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.277 1.277 1.277 1.0% 150% 2.198 1.0%	-3.434 -4.862 0.000 2022 1.5% 147% 1.296 1.5% 1.296 1.51% 2.220 1.0%	-3.674 -5.242 0.000 2.2023 1.5% 149% 1.5% 1.5% 1.316 1.316 1.1316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 1.52% 1.335 1.0% 2.265 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' biffill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  828INGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - word of the containing of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I using sub-regional growth forecasts  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 113% 1.658 2.5%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.5%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.742 2.5%	0.372 0.000 2009 2.5% 117% 1.032 2.5% 122% 1.22% 1.785 2.5%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.258 125% 1.830 2.5%	-0.488 0.000 2011 2.0% 122% 1.079 122% 1.079 2.0% 127% 1.866 2.0%	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 130% 1.904 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 1.173 1.123 2.0% 1.123 2.0% 1.123 2.0% 1.123	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981 1.981	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.0% 138% 2.020 2.0%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.485 1.5% 1.40% 2.050 1.5%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137% 1.203 1.5% 1.203	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 1.211 1.5%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 2.144 1.5%	-4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 1.258 1.5% 1.5%	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.277 1.277 1.277 1.0% 150% 2.198 1.0%	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.5% 1.59 1.0% 151% 2.220	-3.674 -5.242 0.000 2.2023 1.5% 149% 1.5% 1.5% 1.316 1.316 1.1316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316	-5.592 0.000 2024 1.5% 1.52% 1.335 1.5% 1.335 1.0% 1.4% 2.265 1.0%
ardous land  (1)  (1)  (1)  (1)  (1)  (1)  (1)  (1	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' hdfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  **RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) **Arisings of MSW in baseline year **Forecast regional level growth rate of MSW - per year (%) **Forecast sepional level growth rate of MSW - per year (%) **Total arisings of MSW using regional growth forecasts **Forecast sub-regional growth rate of MSW - cumulative (%) **Total arisings of MSW using sub-regional growth forecasts **Torecast sub-regional level growth rate of MSW - cumulative (%) **Total arisings of MSW using sub-regional growth forecasts **Torecast sub-regional level growth rate of C&I - per year (%) **Forecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torecast sub-regional level growth rate of C&I - per year (%) **Torec	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3% 110%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 113% 1.658 2.5% 113%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.5% 116%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.72 2.5% 119% 1.72 1.73 1.7	0.372 0.000 2009 2.5% 117% 1.032 2.5% 1179 1.032 2.5% 122% 1.25% 1.25% 122%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.058 2.5% 1.830 2.5% 1.830 2.5%	-0.488 0.000 2011 2.0% 122% 1.079 2.0% 1.22% 1.079 2.0% 1.27% 1.866 2.0% 127% 1.866 2.0%	-0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 1.101 1.101 2.0% 1.101 1	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 132% 1.942 2.0%	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981 2.0% 135%	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.0% 138% 2.020 2.0%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.185 1.5% 1.40% 2.050 1.5% 140%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 1.203 1.5% 1.42% 2.081 1.55% 142%	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 1399 1.221 1.5% 144% 2.112 1.5%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 146% 2.144 1.5%	4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 2.176 1.48% 2.176	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.277 1.277 1.277 1.0% 150% 2.198 1.0%	-3.434 -4.862 0.000 2022 1.5% 147% 1.296 1.5% 1.296 1.51% 2.220 1.0%	-3.674 -5.242 -0.000 -2.2023 -1.5% -1.316 -1.5% -1.316 -1.316 -1.53% -1.	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 1.52% 1.335 1.0% 2.265 1.0%
(1) (1) (1) (1) (2) (2) (2) (2) (2) (2) (2)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' wiffill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  SISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - word of the containing of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using user-yeqional growth forecasts	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3% 110%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 1133% 1.658	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.55% 116% 1.699	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.742 2.55% 119% 1.742	0.372 0.000 2009 2.5% 117% 1.032 2.5% 122% 1.785 122% 1.785	-0.060  0.000  2010  2.5% 120% 1.058 2.5% 120% 1.058  2.5% 125% 1.830	-0.488 0.000 2011 2.0% 1.079 2.0% 1.079 2.0% 1.22% 1.079 2.0% 127% 1.866	-0.912 0.000 2012 2.0% 1.5% 1.101 2.0% 1.25% 1.101 2.0% 1.30% 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 132% 1.942	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 135% 1.445 2.0% 135% 1.981	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.0% 138% 2.020 2.00%	2.561 0.000 2016 1.5% 1.35% 1.185 1.5% 1.40% 2.050	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 1.203 1.5% 142% 2.081	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144% 2.112	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 146% 2.144 1.5%	4.132 0.000 2020 1.5% 1.258 1.5% 1.258 1.5% 1.258 1.5% 1.48% 2.176	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.5% 1.277 1.0% 2.198 1.0% 2.198	-3.434 -4.882 0.000 2022 1.5% 1.296 1.5% 1.296 1.0% 1.10% 2.220 1.0% 2.220	2023 2023 3 1.5% 6 1.316 6 1.316 7 1.316 8 1.316 9 1.242 9 1.0% 9 1.242 9 1.0%	-5.592 0.000 2024 1.5% 152% 1.335 1.5% 1.52% 1.335 1.0% 154% 2.265
(1) (1) (1) (2) (2) (2) (2)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' idfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  SISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - work of the containing of MSW is using regional growth forecasts Forecast sub-regional growth rate of MSW - work of the containing of MSW using value of MSW - work of the containing of MSW using value of MSW - work of the containing of MSW using value of MSW - work of the containing of MSW using value of MSW - work of the containing of C&I in baseline year Forecast sub-regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using value regional growth forecasts Arisings of C&I using value regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using usb-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using usb-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3% 110% 1.617	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 1.658 2.5% 1.658 2.5% 1.658	1.248 0.000 2007 2.5% 111% 0.982 2.5% 111% 0.982 2.5% 1.699 2.5% 1.699 2.5% 1.999	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.07 2.5% 1.742 2.5% 119% 1.742 2.5% 119% 1.742 0.018 1.018	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.22% 1.785 2.5% 122% 1.785 2.5% 122% 1.785 0.186	-0.060  0.000  2010  2.5% 120% 1.058 12.5% 125% 1.830  2.5% 1.830  2.5% 1.830  0.191	2.0% 1.27% 1.22% 1.079 122% 1.079 122% 1.079 2.09% 127% 1.866 2.0% 1.866 2.0% 1.866	0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 130% 1.904 2.0% 1.904 2.0% 1.904 0.198	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 132% 1.942 2.0% 132% 1.942 2.0%	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.981 2.0% 1.0%	2.156 0.000 2015 2.0% 133% 1.168 2.0% 138% 2.020 2.0% 138% 2.020 2.0% 138% 2.020	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 135% 1.185 1.9% 1.185 1.5% 140% 2.050 1.5% 135% 1.0% 2.050 1.5% 135% 1.0% 2.050	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 1377% 1.203 1.5% 142% 2.081 1.5% 142% 2.081 1.5% 137% 0.217	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 144% 2.112 1.5% 144% 2.112 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.221	1.5% 1.240 1.5% 1.240 1.5% 1.240 1.5% 1.41% 1.240 1.5% 1.46% 2.144 1.5% 1.46% 2.144	4.132 0.000 2020 1.5% 1.258 1.5% 1.258 1.5% 143% 2.176 1.5% 148% 2.176	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.0% 1.10% 1.	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.0% 1.10% 2.220 1.0% 151% 2.220 1.0% 146% 2.220	- 3.674 - 5.242 0.000 2.2023 1.5% 1.49% 1.316 1.316 1.53% 1.316 1.53% 1.53% 1.316 1.53% 1.316 1.53% 1.316 1.53% 1.316	1.5% 1.5% 1.335 1.5% 1.335 1.0% 1.4% 2.265 1.0% 1.4% 2.265
TA_01: AR (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' adfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  **RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  **RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  **Arisings of MSW in baseline year  **Forecast regional level growth rate of MSW - per year (%)  **Forecast sub-regional level growth rate of MSW - cumulative (%)  **Total arisings of MSW using regional growth forecasts  **Forecast sub-regional level growth rate of MSW - cumulative (%)  **Total arisings of MSW using sub-regional growth forecasts  **Arisings of C&I using sub-regional growth forecasts  **Forecast regional level growth rate of C&I - cumulative (%)  **Total arisings of C&I using regional growth frate of C&I - cumulative (%)  **Total arisings of C&I using regional growth rate of C&I - cumulative (%)  **Total arisings of C&I using regional growth rate of C&I - cumulative (%)  **Total arisings of C&I using regional growth forecasts  **Forecast sub-regional level growth rate of C&I - cumulative (%)  **Total arisings of C&I using regional growth forecasts  **Forecast regional level growth rate of C&I - cumulative (%)  **Total arisings of C&I using aub-regional growth forecasts  **Forecast regional level growth rate of hazardous waste - per year (%)  **Forecast regional level growth rate of hazardous waste - per year (%)  **Forecast regional level growth rate of hazardous waste - per year (%)  **Forecast regional level growth rate of hazardous waste - per year (%)  **Forecast regional level growth rate of hazardous waste - per year (%)	3.0% 106% 0.935 3.0% 106% 0.935 110% 1.617 3.3% 110% 1.617	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 113% 1.658 2.5% 109% 0.173 2.5%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.5% 11699 2.5% 112% 0.0177 2.5%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.742 2.5% 119% 1.742 2.5% 115% 0.181	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.032 2.5% 122% 1.785 2.5% 1.785 2.5% 1.8% 0.186 2.5%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.058 2.5% 125% 1.830 2.5% 121% 0.191 2.5%	0.000  2011  2.0% 122% 1.079 2.0% 127% 1.27% 1.866 2.0% 123% 0.194 2.0%	0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 130% 1.904 2.0% 130% 1.904 2.0% 126% 0.198 1.906	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 132% 132% 132% 132% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 132% 2.0% 132% 1	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 135% 1.35% 1.981 2.0% 135% 1.981 2.0% 135% 1.981 2.0% 1.0%	2.056 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.09 138% 2.020 2.0% 138% 0.210 2.0%	2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.185 1.5% 1.40% 2.050 1.5% 135% 1.05%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 142% 2.081 1.5% 2.081 1.5% 142% 2.081	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144% 2.112 1.5% 144% 2.112 1.5% 1.5% 1.5% 1.5%	1.5% 141% 1.240 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 146% 2.144 1.5% 2.144 1.5% 2.144 1.5%	4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 1.43% 2.176 1.5% 2.176 1.5% 2.176	-3.184 -4.512 0.000 2021 1.5% 145% 145% 150% 150% 150% 150% 10.0% 150% 150% 150% 150% 150% 150% 150% 15	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.5% 1.296 1.0% 151% 2.220 1.0% 146% 0.231	2 2023 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.316	5.592 0.000 2024 1.5% 152% 1.335 1.5% 2.265 1.0% 2.265 1.0% 2.265 1.0% 2.265
TA 01: AR  (1) (1) (1) (1) (1) (2) (2)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' widtil Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  Note: The model does not contain data for the management of hazardous waste.  Note: The model does not contain data for the management of hazardous waste.  Note: The model does not contain data for the management of hazardous waste.  Note: The model does not contain data for the management of hazardous waste (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3% 110% 1.617 3.3% 107%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 113% 1.658 2.5% 113% 1.658 2.5% 109% 0.173 2.5% 109%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 1118 0.982 2.5% 116% 1.699 2.5% 1.699 2.5% 1.77 2.5% 1.12%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.007 2.5% 119% 1.742 2.5% 119% 1.742 2.5% 0.181 2.5% 115%	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.22% 1.785 2.5% 1.785 2.5% 1.85 0.186 2.5% 118% 0.186	-0.060  0.000  2010  2.5% 1008 1.058 2.5% 1.058 2.5% 1.20% 1.830 2.5% 1.830 2.5% 1.810 2.5% 1.830 2.5% 1.830 2.5% 1.830	2.0% 127% 1.07% 122% 1.079 2.0% 122% 1.079 2.0% 127% 1.866 2.0% 1.866 2.0% 1.23% 0.194 2.0%	2.0912 2.012 2.006 125% 1.101 2.0% 1.101 2.0% 1.30% 1.904 1.904 2.0% 1.904 2.0% 1.904 2.0% 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 1.942 1.943 1.944	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981	2.156 0.000 2015 2.0% 133% 1.168 2.0% 1339% 1.168 2.0% 138% 2.020 2.0% 138% 2.020 2.0% 138% 0.210 2.0% 133%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 135% 1.185 1.5% 140% 2.050 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137% 1.203 1.5% 142% 2.081 1.5% 142% 2.081 1.5% 1427 1.5% 137% 0.217	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144% 2.112 1.5% 144% 2.112 1.5% 1.5% 1.5% 1.221 1.5%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 2.144 1.5% 146% 2.144 1.5% 146% 2.144 1.5% 146% 2.145 1.5% 1.240 1.5%	4.132 0.000 2020 1.5% 1.258 1.258 1.258 1.258 1.258 2.176 1.5% 2.176 1.5% 2.176	-3.184 -4.512 0.000 1.5% 14.5% 1.277 1.5% 1.277 1.0% 150% 2.198 1.0% 1.0% 1.10	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.5% 1.51% 2.220 1.0% 151% 2.220 1.0% 0.231 1.0%	2023 1.5% 1.5% 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316	5.592 0.000 2024 1.5% 1.335 1.5% 1.52% 1.335 1.0% 154% 2.265 1.0% 1.0% 1.0% 1.0% 1.0%
(1) (1) (2) (2) (2)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' widfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - purchast (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of ASW - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast using-ground level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth frace of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 106% 0.935 3.0% 106% 0.935 110% 1.617 3.3% 110% 1.617	1.693 0.000 2006 2.5% 109% 0.958 2.5% 109% 0.958 2.5% 113% 1.658 2.5% 109% 0.173 2.5%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 116% 1.699 2.5% 11699 2.5% 112% 0.0177 2.5%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 119% 1.742 2.5% 119% 1.742 2.5% 115% 0.181	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.032 2.5% 122% 1.785 2.5% 1.785 2.5% 1.8% 0.186 2.5%	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 120% 1.058 2.5% 125% 1.830 2.5% 121% 0.191 2.5%	0.000  2011  2.0% 122% 1.079 2.0% 127% 1.27% 1.866 2.0% 123% 0.194 2.0%	0.912 0.000 2012 2.0% 125% 1.101 2.0% 125% 1.101 2.0% 130% 1.904 2.0% 130% 1.904 2.0% 126% 0.198 1.906	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 132% 132% 132% 132% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 2.0% 132% 132% 2.0% 132% 1	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 135% 1.35% 1.981 2.0% 135% 1.981 2.0% 135% 1.981 2.0% 1.0%	2.056 0.000 2015 2.0% 133% 1.168 2.0% 133% 1.168 2.09 138% 2.020 2.0% 138% 0.210 2.0%	2.561 0.000 2016 1.5% 135% 1.185 1.5% 1.185 1.5% 1.40% 2.050 1.5% 135% 1.05%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 142% 2.081 1.5% 2.081 1.5% 142% 2.081	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144% 2.112 1.5% 144% 2.112 1.5% 1.5% 1.5% 1.5%	1.5% 141% 1.240 1.5% 141% 1.240 1.5% 141% 1.240 1.5% 146% 2.144 1.5% 2.144 1.5% 2.144 1.5%	4.132 0.000 2020 1.5% 143% 1.258 1.5% 1.258 1.5% 1.43% 2.176 1.5% 2.176 1.5% 2.176	-3.184 -4.512 0.000 1.5% 14.5% 1.277 1.5% 1.277 1.0% 150% 2.198 1.0% 1.0% 1.10	-3.434 -4.882 0.000 2022 1.5% 147% 1.296 1.5% 151% 2.220 1.0% 5151% 2.220 1.0% 0.231 1.0%	2023 1.5% 1.5% 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316 1.316	5.592 0.000 2024 1.5% 152% 1.335 1.5% 2.265 1.0% 2.265 1.0% 2.265 1.0% 2.265
TA 01: AR  (1) (1) (1) (1) (1) (2) (2)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' will Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  Risings AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth precipional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.37 110% 1.617 3.37% 0.168	1.693 0.000 2006 2.5% 109% 0.958 2.5% 1.95% 1.958 2.5% 1.13% 1.658 2.5% 1.658 2.5% 0.973 0.173 0.173	1.248 0.000 2007 2.5% 111% 0.982 2.5% 1119% 0.982 2.5% 116% 1.699 2.5% 1.699 2.5% 1.699 2.5% 1.12% 0.177 2.5% 0.177	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.007 2.5% 119% 1.742 2.5% 1.742 2.5% 0.181 2.5% 0.181	0.372 0.000 2009 2.5% 117% 1.032 2.5% 122% 1.22% 1.22% 1.22% 1.22% 1.22% 1.83 0.186 0.186	-0.060 0.000 2010 2.5% 120% 1.058 2.5% 1.058 2.5% 1.25% 1.830 2.5% 1.830 2.5% 1.830 2.5% 1.830 2.5% 1.830 2.5% 1.830	0.488 0.000 2011 2.0% 122% 1.079 2.0% 1.27% 1.079 2.0% 127% 1.866 2.0% 127% 1.866 2.0% 1.866 2.0% 1.37% 1.866 2.0% 1.37%	20912 0.000 2012 2.0% 125% 1.101 2.0% 1.101 2.0% 1.30% 1.904 2.0% 1.904 2.0% 1.904 2.0% 1.904 2.0% 1.904 2.0% 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 132% 1.942 2.0% 1.942 2.0% 1.948 0.202 2.0% 0.202	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 1.145 2.0% 1.35% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981	-2.156 0.000 2015 2.0% 133% 1.168 2.0% 1339% 1.168 2.0% 138% 2.020 138% 2.020 2.0% 138% 2.020 133% 0.210	-2.561  0.000  2016  1.5% 135% 1.185  1.5% 136% 1.185  1.5% 140% 2.050 1.5% 140% 2.050 1.5% 140% 2.051 1.5% 135% 0.214	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137% 1.203 1.55% 142% 2.081 1.5% 142% 2.081 1.5% 137% 0.217	-3.357  0.000  2018  1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144% 2.112 1.5% 144% 2.115 1.5% 139% 0.220	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 146% 2.144 1.5% 146% 2.144 1.5% 141% 0.223 1.5%	4.132 0.000 1.5% 143% 1.258 1.5% 1.48% 2.176 1.59 148% 2.176 1.5% 144% 0.227	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.59 1.09 2.198 1.0% 2.198 1.0% 2.198 1.0% 2.299 1.0% 2.299	-3.434 -4.882 0.000 2022 1.5% 1.296 1.5% 1.296 1.0% 151% 2.220 1.0% 1.0% 0.231 1.0% 0.231	3.674 -5.242 0.000 2.2023 1.5% 1.49% 1.1316 1.316	5.592 0.000 2024 1.5% 152% 1.335 1.536 1.536 1.036 154% 2.265 1.096 1.096 1.096 1.096 1.096 1.296 0.236
TA 01: AR N (1) (1) (1) (1) (1) (1) (2) (2) (2) (3) (3)	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' widfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - purchast (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of ASW - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast using-ground level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth frace of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 106% 0.935 3.0% 106% 0.935 3.3% 110% 1.617 3.3% 110% 1.617 3.3% 107%	1.693 0.000 2006 2.5% 109% 0.958 2.5% 113% 1.658 2.5% 113% 1.658 2.5% 109% 0.173 2.5% 109%	1.248 0.000 2007 2.5% 111% 0.982 2.5% 1118 0.982 2.5% 116% 1.699 2.5% 1.699 2.5% 1.77 2.5% 1.12%	0.807 0.000 2008 2.5% 114% 1.007 2.5% 114% 1.007 2.5% 119% 1.742 2.5% 119% 1.742 2.5% 0.181 2.5% 115%	0.372 0.000 2009 2.5% 117% 1.032 2.5% 117% 1.22% 1.785 2.5% 1.785 2.5% 1.85 0.186 2.5% 118% 0.186	-0.060  0.000  2010  2.5% 1008 1.058 2.5% 1.058 2.5% 1.20% 1.830 2.5% 1.830 2.5% 1.810 2.5% 1.830 2.5% 1.830 2.5% 1.831	2.0% 127% 1.07% 122% 1.079 2.0% 122% 1.079 2.0% 127% 1.866 2.0% 1.866 2.0% 1.23% 0.194 2.0%	2.0912 2.012 2.006 125% 1.101 2.0% 1.101 2.0% 1.30% 1.904 1.904 2.0% 1.904 2.0% 1.904 2.0% 1.904	-1.331 0.000 2013 2.0% 127% 1.123 2.0% 127% 1.123 2.0% 132% 1.942 2.0% 1.942 1.942 1.942 1.942 1.942 1.944 1.942 1.942 1.942 1.942 1.942 1.942 1.942 1.942 1.944 1.942 1.942 1.944 1.	-1.746 0.000 2014 2.0% 130% 1.145 2.0% 130% 1.145 2.0% 135% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981 2.0% 1.981	2.156 0.000 2015 2.0% 133% 1.168 2.0% 1339% 1.168 2.0% 138% 2.020 2.0% 138% 2.020 2.0% 138% 0.210 2.0% 133%	-2.561 0.000 2016 1.5% 135% 1.185 1.5% 135% 1.185 1.5% 140% 2.050 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-2.962 0.000 2017 1.5% 137% 1.203 1.5% 137% 1.203 1.5% 142% 2.081 1.5% 142% 2.081 1.5% 1427 1.5% 137% 0.217	-3.357 0.000 2018 1.5% 139% 1.221 1.5% 139% 1.221 1.5% 144% 2.112 1.5% 144% 2.112 1.5% 1.5% 1.5% 1.221 1.5%	-3.747 0.000 2019 1.5% 141% 1.240 1.5% 141% 2.144 1.5% 146% 2.144 1.5% 146% 2.144 1.5% 146% 2.145 1.5% 1.240 1.5%	4.132 0.000 2020 1.5% 1.258 1.258 1.258 1.258 1.258 2.176 1.5% 2.176 1.5% 2.176	-3.184 -4.512 0.000 2021 1.5% 145% 1.277 1.59 1.09 2.198 1.0% 2.198 1.0% 2.198 1.0% 2.299 1.0% 2.299	3.434 -4.882 0.000 2022 1.5% 1.296 1.5% 1.296 1.0% 151% 2.220 1.0% 146% 0.231 1.0% 0.231	2023 2023 2023 2023 2023 2023 2023 2023	5.592 0.000 2024 1.5% 1.335 1.5% 1.52% 1.335 1.0% 154% 2.265 1.0% 1.0% 1.0% 1.0% 1.0%

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

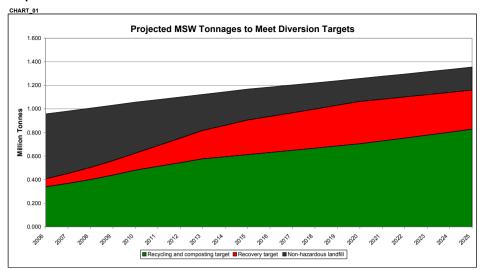
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

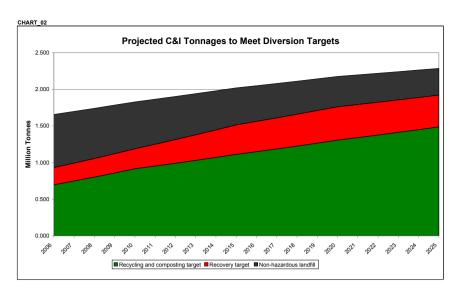
DATA_02: I	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041

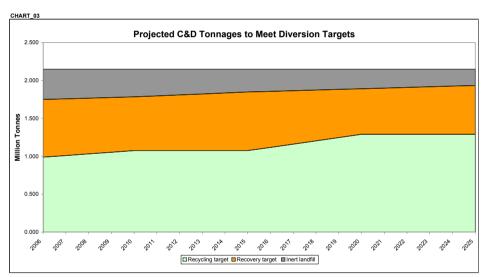
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

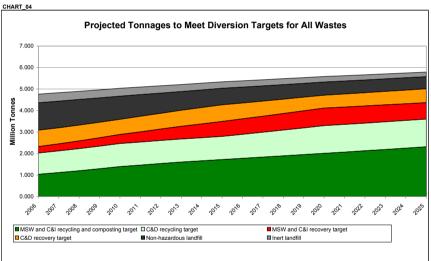
DATA 02.	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2046	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MANAGED WASTE USED TO GENERATE RESULTS (MIIIION TONNES)		2006	2007	2006		2010	2011	2012	2013		2015	2016	2017	2016	2019	2020	2021	2022			
msw		0.935	0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335	1.355
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
c&i		1.617	1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265	2.287
c&I - import	s from london that are sent direct to non-hazardous landfill	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041
c&d		2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148
hazardous		0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
DATA 04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	(1) landfill (Mt)	0.372	0.362	0.347	0.326	0.301	0.270	0.240	0.210	0.180	0.172	0.165	0.157	0.149	0.141	0.134	0.126	0.126	0.126	0.126	0.126	0.126
	recovered (%)	5.072	6.002	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	49.0	50	51.0	52.0	53.0	E4.0	EE	56.0	57.0	58.0	59.0	60
. 0.		30					40	42.0			40.0	00				04.0	00	30.0				- 00
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	7																					
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
	(1) Extra new described marking Extre target anomalies remaine estimated the 2020 value for the years before 2020																					
DATA 05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

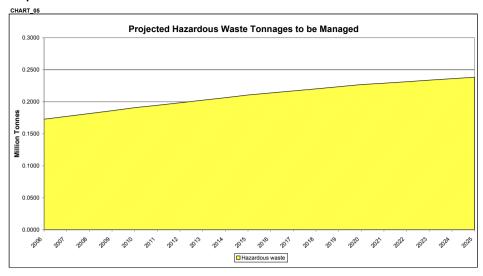
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.327	0.368	0.411	0.455	0.502	0.550	0.609	0.669	0.732	0.797	0.864	0.899	0.934	0.970	1.007	1.044	1.063	1.081	1.100	1.119	1.139
	Total MSW not-diverted by targets	0.608 68	0.590 68	0.572 68	0.552 68	0.530 68	0.508 68	0.470 68	0.431 68	0.391 68	0.348	0.304	0.287 68	0.270 68	0.252 68	0.233 68	0.214	0.215 68	0.215	0.216 68	0.216 68	0.217 68
	Percentage of MSW that is biodegradable (% by weight) Total BMW not-diverted by targets	0.413	0.401	0.389	0.375	0.361	0.345	0.320	0.293	0.266	68 0.237	68 0.206	0.195	0.183	0.171	0.158	68 0.145	0.146	0.146	0.147	0.147	0.147
	LATS shortfall (how much extra is landfilled above LATS target)	0.413	0.401	0.369	0.049	0.060	0.075	0.080	0.293	0.266	0.237	0.206	0.195	0.163	0.171	0.156	0.020	0.020	0.020	0.147	0.147	0.147
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.006	0.007	0.008	0.010	0.013	0.017	0.020	0.023	0.025	0.020	0.014	0.013	0.011	0.010	0.008	0.007	0.007	0.006	0.006	0.006	0.006
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.035	0.033	0.034	0.039	0.047	0.058	0.059	0.060	0.060	0.044	0.028	0.026	0.023	0.020	0.017	0.013	0.013	0.014	0.014	0.015	0.015
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.316	0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803	0.829
	Recovery target	0.053	0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337	0.331
	Non-hazardous landfill	0.567	0.551	0.530	0.503	0.471	0.433	0.391	0.348	0.305	0.284	0.262	0.249	0.235	0.222	0.208	0.194	0.195	0.195	0.195	0.195	0.195
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.647	0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
	Recovery target	0.226	0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
	Non-hazardous landfill	0.744	0.726	0.707	0.686 0.000	0.664	0.640	0.616 0.000	0.590	0.563	0.535	0.505	0.488	0.470 0.000	0.452	0.433	0.413 0.000	0.404	0.395	0.386	0.376	0.366
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
	Recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
	Inert landfill	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223	0.215
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.963	1.036	1.116	1.203	1.296	1.396	1.464	1.534	1.606	1.664	1.723	1.779	1.835	1.892	1.951	2.011	2.069	2.129	2.190	2.252	2.315
	C&D recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
	MSW and C&I recovery target	0.279	0.303	0.329	0.357	0.387	0.419	0.474	0.532	0.590	0.644	0.698	0.721	0.744	0.767	0.791	0.816	0.807	0.797	0.787	0.777	0.766
	C&D recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
	Non-hazardous landfill	1.311	1.277	1.236	1.189	1.135	1.073	1.007	0.938	0.868 0.327	0.818	0.767	0.737	0.706	0.674	0.641	0.608	0.599	0.590	0.581	0.571	0.561 0.215
	Inert landfill	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275 0.220	0.266 0.223	0.258 0.227	0.249 0.229	0.241 0.231	0.232	0.223	0.215
	Hazardous waste	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238









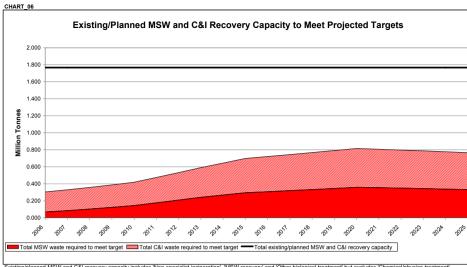


DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

MSW and C&I recovery	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I incineration (non-specialist)	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481
MSW and C&I treatment	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287	1.287
Total existing/planned MSW and C&I recovery capacity	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768	1.768
Total MSW waste required to meet target	0.053	0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337	0.331
Total C&I waste required to meet target	0.226	0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
Surplus/deficit capacity	1.489	1.465	1.439	1.411	1.382	1.350	1.294	1.237	1.178	1.125	1.070	1.048	1.024	1.001	0.440	0.457	0.453	0.448	0.981	0.992	1.002
MSW and C&I recycling and composting	1.400	1.400	1.400	1.411	1.502	1.550	1.204	1.201	1.170	1.125	1.070	1.040	1.024	1.001	0.311	0.002	0.302	0.371	0.301	0.332	1.002
MSW and C&I recycling	4.245	4.245	4 245	4.245	4.245	4 245	4 245	4.245	4.245	4 245	4.245	4.245	4.245	4 245	4.245	4.245	4.245	4 245	4 245	4.245	4.245
MSW and C& transfer	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679	2.679
Total existing/planned composting capacity	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210	0.210
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	4.991	4.991	4.991	4.991	4.991	4.991	4.991	4 991	4.991	4 991	4.991	4.991	4.991	4.991	4 991	4.991	4.991	4.991	4 991	4.991	4.991
(1) Total existing/planned MSW and C&I recycling and composting capacity (Easitivity: 5% of transfer capacity delivers recycling)	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4.589	4 589	4.589	4.589	4.589	4.589
Total MSW waste required to meet recycling and composting target	0.316	0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803	0.829
Total C&I waste required to meet recycling and composting target	0.647	0.696	0.748	0.801	0.455	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	4.028	3.955	3.875	3.788	3.695	3.595	3.526	3.456	3.385	3.327	3.267	3.212	3.156	3.098	3.040	2.980	2.921	2.862	2.801	2.739	2.675
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	3.626	3.553	3.473	3.386	3.293	3.193	3.125	3.054	2.983	2.925	2.866	2.810	2.754	2.697	2.638	2.578	2.520	2.460	2.399	2.733	2.073
C&D recycling	3.020	0.000	3.473	3.300	3.233	5.155	3.123	5.054	2.303	2.323	2.000	2.010	2.754	2.037	2.000	2.570	2.520	2.400	2.555	2.001	2.217
Total existing/planned C&D recycling capacity	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Total waste required to meet C&D recycling tapacity  Total waste required to meet C&D recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
Surplus/deficit capacity	-0.895	-0.916	-0.938	-0.959	-0.981	-1.002	-1.002	-1.002	-1.002	-1.002	-1.002	-1.045	-1.088	-1.131	-1.174	-1.217	-1.217	-1.217	-1.217	-1.217	-1.217
C&D recovery	-0.093	-0.910	-0.536	-0.555	-0.501	-1.002	-1.002	-1.002	-1.002	-1.002	-1.002	-1.043	-1.000	-1.131	-1.174	-1.217	-1.217	-1.217	-1.217	-1.217	-1.217
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1 627	1.544	1 460	1 439	1 418	1 398	1.377	1.356	1.325	1 293	1 262	1.231	1 199	1 220	1 241	1 262	1.283	1 304
Sub-regional total waste required to meet C&D recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
Surplus/deficit canacity	1.104	1.033	0.963	0.892	0.822	0.751	0.717	0.733	0.650	0.616	0.583	0.586	0.589	0.592	0.595	0.598	0.610	0.622	0.635	0.647	0.659
Hazardous waste recycling	1.104	1.033	0.903	0.032	0.022	0.751	0.717	0.004	0.000	0.010	0.565	0.560	0.569	0.592	0.555	0.556	0.010	0.022	0.033	0.047	0.058
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycling capacity	0.000 N/A	N/A	0.000 N/A	N/A	N/A	0.000 N/A	N/A	N/A	0.000 N/A	N/A	N/A	0.000 N/A	N/A	N/A	N/A						
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surpusvident capacity Hazardous waste recovery	IN/A	IN/A	IN/A	INVA	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/PA	IN/PA	IN/A	IN/A	IN/A	19/79
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill	10/5	14/75	14/73	10/5	INA	1405	14075	14/5	11075	1975	18/75	INA	100	19/75	10/4	10/7	10/7	14/7	INA	14//	1407
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)	3.084	1.532	-0.143	-1.788	-3.398	-4.965	-6 484	-7.940	-9.331	-10.655	-11.930	-13.156	-14.361	-15.543	-16,703	-17.839	-18 951	-20.062	-21.171	-22.278	-23.383
Available non-hazardous landfill capacity (excluding residues non-movy and out recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	3.084	1.490	-0.143	-1.925	-3.588	-5.213	-6.795	-8.322	-9.792	-11.205	-12.577	-13.130	-15.220	-16.514	-17.789	-19 044	-20.279	-21.511	-22.739	-23.964	-25.185
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'	3.084	1.367	-0.487	-2.326	-4.146	-5.941	-7.708	-9 443	-11.147	-12.820	-14.475	-16.113	-17.743	-19.364	-20.976	-22.580	-24.173	-25.760	-27.339	-28.910	-30.473
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'	3.084	1.499	-0.213	-1.898	-3.550	-5.164	-6.733	-8.246	-9 700	-11.095	-12.448	-13.758	-15.048	-16.320	-17.572	-18.803	-20.013	-21.221	-22.425	-23.627	-24.825
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'	3.084	1.499	-0.405	-2.199	-3.968	-5.710	-7.417	-9.086	-10.716	-12.306	-13.871	-15.756	-16.940	-18 457	-19.962	-21 455	-22.934	-24.408	-25.875	-27.336	-24.023
Total MSW and C&I waste sent direct to non-hazardous landfill	1.311	1.277	1.236	1.189	1.135	1.073	1.007	0.938	0.868	0.818	0.767	0.737	0.706	0.674	0.641	0.608	0.599	0.590	0.581	0.571	0.561
Inert landfill	1.311	1.211	1.230	1.109	1.133	1.073	1.007	0.936	0.000	0.010	0.707	0.737	0.700	0.074	0.041	0.000	0.555	0.550	0.561	0.571	0.501
Available inert landfill capacity	2.143	1.735	1.335	0.944	0.562	0.188	-0.177	-0.529	-0.869	-1.195	-1.509	-1.810	-2.102	-2.385	-2.660	-2.927	-3 184	-3.434	-3.674	-3.906	-4.130
Available inert landiil capacity Available inert landiil capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	2.143	1.693	1.248	0.807	0.302	-0.060	-0.488	-0.912	-1.331	-1.746	-2.156	-2.561	-2.102	-3.357	-3.747	-4.132	-4.512	-4.882	-5.242	-5.592	-5.932
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223	0.215
Hazardous landfill	0.406	0.400	0.391	0.302	0.374	0.300	0.352	0.339	0.327	0.314	0.301	0.292	0.204	0.275	0.200	0.200	0.249	0.241	0.232	0.223	0.215
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous vaste sent direct to hazardous landfill				/A N							/A N					0.000 1 A/V					U.UUC
Other	IN.	MA IN	WA IN	I/A IN	WA IN	WA IN	um l	W/A IN	ım I	WA IN	/A IN	WA P	WA IN	M IN	WA I	wa i	W/A	WAY I	WA I	WA IN	//
Metal/ELV facility	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040
						1.040							1.040	1.040							
Ignored Closed	1.520 1.164	1.520 1.164	1.520 1.164	1.520 1.164	1.520 1.164	1.520	1.520 1.164	1.520	1.520 1.164												

<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity (2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity (3) Data for CAD recovery for In

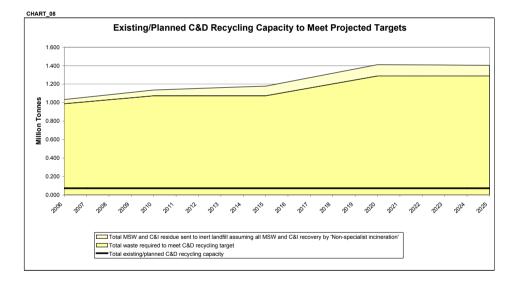
08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT MSW and C&I to RDF	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complained	e with the self-suff	iciency requi	rements of F	PPS10.																
99: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):	2 224	0.004	0.000	0.407	0.440	0.400	0.110	0.450	0.477	0.400	0.000	0.040	0.000	0.000	0.007	0.045	0.040	0.000	0.000	0.000
MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash	0.084	0.091	0.099	0.107	0.116 0.012	0.126	0.142	0.159	0.177 0.018	0.193	0.209	0.216	0.223	0.230	0.237	0.245	0.242	0.239	0.236	0.233
MSW and C&I to MBT	0.165	0.179	0.194	0.211	0.228	0.247	0.280	0.314	0.348	0.380	0.412	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458
MSW and C&I to RDF	0.033	0.036	0.039	0.043	0.046	0.050	0.057	0.064	0.071	0.077	0.084	0.086	0.089	0.092	0.095	0.098	0.097	0.096	0.094	0.093
MSW and C&I treatment - non-hazardous	0.126	0.136	0.148	0.161	0.174	0.188	0.213	0.239	0.266	0.290	0.314	0.324	0.335	0.345	0.356	0.367	0.363	0.359	0.354	0.350
MSW and C&I treatment - hazardous	0.014 N/A	0.015 N/A N	0.016	0.018 /A N/		0.021 N//	0.024	0.027	0.030 /A N/	0.032	0.035 A N/	0.036	0.037 N//	0.038 A N/	0.040 A N	0.041 /A N	0.040 /A N	0.040	0.039 /A N/	0.039 A N/
Hazardous waste recovery  Recycling residues (of waste managed):	N/A	N/A N	/A N	A N/	A N/A	A N//	A N/A	A N	A N	'A N/.	A N/	A N//	A N//	A N/	A N	A N	/A N	/A N	/A N/	A N/
MSW and C&I recycling and composting	0.144	0.155	0.167	0.180	0.194	0.209	0.220	0.230	0.241	0.250	0.259	0.267	0.275	0.284	0.293	0.302	0.310	0.319	0.329	0.338
C&D recycling	0.097	0.099	0.101	0.103		0.107	0.107	0.107	0.107	0.107	0.107	0.112	0.116	0.120	0.125	0.129	0.129	0.129	0.129	0.129
Hazardous waste recycling	N/A	N/A N	/A N	/A N/	A N/A	A N//	A N/A	A N	/A N/	A N/.	A N/.	A N//	N//	A N/.	A N	/A N	/A N	/A N	/A N/	A N/
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	2005 0.241	2006 0.254	2007 0.268	2008 0.283	2009 0.300	2010 0.317	2011 0.327	0.338	2013 0.348	2014 0.357	2015 0.366	2016 0.378	2017 0.391	2018 0.404	2019 0.417	2020 0.430	2021 0.439	2022 0.448	2023 0.457	2024 0.467
11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (N	fillion Tonnes)																			
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
							0.074	0.080	0.089	0.097	0.105	0.108	0.112	0.445						0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)		0.045	0.040																	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerate		0.045	0.049 0.049	0.054	0.058	0.063	0.071							0.115	0.119 0.119	0.122	0.121	0.120	0.118	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	ion' 0.042 0.042	0.045 0.045	0.049 0.049	0.054 0.054	0.058 0.058	0.063	0.071	0.080	0.089	0.097	0.105	0.108	0.112	0.115	0.119	0.122 0.122	0.121 0.121	0.120 0.120	0.118 0.118	0.117
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill																				
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.042 0.165	0.045 0.179	0.049	0.054	0.058	0.063	0.071	0.080	0.089	0.097	0.105 0.412	0.108	0.112	0.115 0.453	0.119	0.122	0.121	0.120	0.118	0.117
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.042	0.045	0.049	0.054	0.058	0.063	0.071	0.080	0.089	0.097	0.105	0.108	0.112	0.115	0.119	0.122	0.121	0.120	0.118	0.117
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.042 0.165	0.045 0.179	0.049	0.054	0.058 0.228 0.046	0.063	0.071	0.080	0.089	0.097	0.105 0.412	0.108	0.112	0.115 0.453	0.119	0.122	0.121	0.120	0.118	0.117
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery is 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill	0.042 0.165 0.033 0.126	0.045 0.179 0.036 0.136	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery is Pon-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inci-	0.042 0.165 0.033 0.126	0.045 0.179 0.036 0.136	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery is 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill	0.042 0.165 0.033 0.126	0.045 0.179 0.036 0.136 original mode	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to iner thorn-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery by by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incident of the control of the contro	0.042 0.165 0.033 0.126 ert landfill. In the d	0.045 0.179 0.036 0.136 original mode	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery is Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 ert landfill. In the of the control of the	0.045 0.179 0.036 0.136 original mode %	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery is Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inc 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.042 0.165 0.033 0.126 ert landfill. In the d	0.045 0.179 0.036 0.136 original mode %	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ince 1: TONINGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 ert landfill. In the of the control of the	0.045 0.179 0.036 0.136 original mode %	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161	0.058 0.228 0.046 0.174	0.063 0.247 0.050 0.188	0.071 0.280 0.057 0.213	0.080 0.314 0.064 0.239	0.089 0.348 0.071 0.266	0.097 0.380 0.077 0.290	0.105 0.412 0.084 0.314	0.108 0.425 0.086	0.112 0.439 0.089	0.115 0.453 0.092	0.119 0.467 0.095	0.122 0.481 0.098	0.121 0.476 0.097	0.120 0.470 0.096	0.118 0.464 0.094	0.117 0.458 0.093
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat () Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist nicineration' is sent to non-hazardous landfill and 50% is sent to ine  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 ert landfill. In the of the standfill of the stand	0.045 0.179 0.036 0.136 original mode % % %	0.049 0.194 0.039 0.148	0.054 0.211 0.043 0.161 as developed	0.058 0.228 0.046 0.174 d MEL 50% w	0.063 0.247 0.050 0.188 was assume	0.071 0.280 0.057 0.213 ed to go to 0	0.080 0.314 0.064 0.239 C&D recycl	0.089 0.348 0.071 0.266 ing, rather the	0.097 0.380 0.077 0.290 than to inert I	0.105 0.412 0.084 0.314	0.425 0.086 0.324	0.439 0.089 0.335	0.453 0.092 0.345	0.119 0.467 0.095 0.356	0.122 0.481 0.098 0.367	0.121 0.476 0.097 0.363	0.470 0.096 0.359	0.118 0.464 0.094 0.354	0.117 0.458 0.093 0.350
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to iner landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ind 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 ert landfill. In the c	0.045 0.179 0.036 0.136 original mode % % % %	0.194 0.194 0.039 0.148 I assumption	0.054 0.211 0.043 0.161 as developed	0.058 0.228 0.046 0.174 d MEL 50% w	0.063 0.247 0.050 0.188 was assumed	0.071 0.280 0.057 0.213 ed to go to G	0.080 0.314 0.064 0.239 C&D recycl	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 han to inert I	0.412 0.084 0.314 landfi	0.108 0.425 0.086 0.324	0.439 0.089 0.335	0.453 0.092 0.345	0.467 0.095 0.356	0.481 0.098 0.367	0.476 0.097 0.363	0.470 0.096 0.359	0.464 0.094 0.354	0.458 0.093 0.350
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to inert hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incompact to the compact of the c	0.042 0.165 0.033 0.126 ert landfill. In the c 39 61 30 70 2005 0.090 0.210	0.045 0.179 0.036 0.136 original mode % % % % 2006 0.088 0.206	0.049 0.194 0.039 0.148 I assumption 2007 0.087 0.203	0.054 0.211 0.043 0.161 as developed 2008 0.085 0.199	0.058 0.228 0.046 0.174 d MEL 50% w 2009 0.084 0.196	0.063 0.247 0.050 0.188 was assumed 2010 0.082 0.192	0.071 0.280 0.057 0.213 ed to go to 0 2011 0.084 0.196	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 than to inert I	0.105 0.412 0.084 0.314 landfi	0.108 0.425 0.086 0.324 2016 0.086	0.439 0.089 0.335	0.115 0.453 0.092 0.345 2018 0.078	0.119 0.467 0.095 0.356	0.122 0.481 0.098 0.367 2020 0.070	0.121 0.476 0.097 0.363 2021 0.071	0.120 0.470 0.096 0.359 2022 0.072	0.118 0.464 0.094 0.354 2023 0.073	0.117 0.458 0.093 0.350 2024 0.074
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to inert hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ind 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (9) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill' (2) C&D reuse on inert landfill'	0.042 0.165 0.033 0.126 ert landfill. In the c 39 61 30 70 2005 0.090 0.210	0.045 0.179 0.036 0.136 original mode % % % % 2006 0.088 0.206	0.049 0.194 0.039 0.148 I assumption 2007 0.087 0.203	0.054 0.211 0.043 0.161 as developed 2008 0.085 0.199	0.058 0.228 0.046 0.174 d MEL 50% w 2009 0.084 0.196	0.063 0.247 0.050 0.188 was assumed 2010 0.082 0.192	0.071 0.280 0.057 0.213 ed to go to 0 2011 0.084 0.196	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 than to inert I	0.105 0.412 0.084 0.314 landfi	0.108 0.425 0.086 0.324 2016 0.086	0.439 0.089 0.335	0.115 0.453 0.092 0.345 2018 0.078	0.119 0.467 0.095 0.356	0.122 0.481 0.098 0.367 2020 0.070	0.121 0.476 0.097 0.363 2021 0.071	0.120 0.470 0.096 0.359 2022 0.072	0.118 0.464 0.094 0.354 2023 0.073	0.117 0.458 0.093 0.350 2024 0.074
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ind 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (8) Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d	0.042 0.165 0.033 0.126 ert landfill. In the or 139 61 30 70 2005 0.090 0.210 ata supplied by ear	0.045 0.179 0.036 0.136 0.136 original mode % % % % 2006 0.088 0.206	0.049 0.194 0.039 0.148 I assumption  2007 0.087 0.203	0.054 0.211 0.043 0.161 0.061 0.085 0.199 0.085 0.199	0.058 0.228 0.046 0.174 d MEL 50% w 2009 0.084 0.196	0.063 0.247 0.050 0.188 was assume 2010 0.082 0.192 n engineerii	0.071 0.280 0.057 0.213 ed to go to 0	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 han to inert I	0.105 0.412 0.084 0.314 landfi 2015 0.090 0.210	0.108 0.425 0.086 0.324 2016 0.086 0.201	0.112 0.439 0.089 0.335 2017 0.082 0.191	0.115 0.453 0.092 0.345 2018 0.078 0.182	0.119 0.467 0.095 0.356 2019 0.074 0.173	0.122 0.481 0.098 0.367 2020 0.070 0.163	0.121 0.476 0.097 0.363 2021 0.071 0.166	0.120 0.470 0.096 0.359 2022 0.072 0.168	0.118 0.464 0.094 0.354 2023 0.073 0.170	0.117 0.458 0.093 0.350 2024 0.074 0.173
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to iner hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ind 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL	0.042 0.165 0.033 0.126 ert landfill. In the description of the control of the co	0.045 0.179 0.036 0.136 0.136 original mode % % % % 0.088 0.206 cch sub-region	0.049 0.194 0.039 0.148 I assumption 2007 0.087 0.203	0.054 0.211 0.043 0.161 ns developed	0.058 0.228 0.046 0.174 0.174 0.176 0.084 0.196 0.084 0.196	0.063 0.247 0.050 0.188 was assumed 2010 0.082 0.192 n engineeri	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196  ng material.	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 han to inert I	0.105 0.412 0.084 0.314 landfi 2015 0.090 0.210	0.108 0.425 0.086 0.324 2016 0.086 0.201	0.112 0.439 0.089 0.335 2017 0.082 0.191	0.115 0.453 0.092 0.345 2018 0.078 0.182	0.119 0.467 0.095 0.356 2019 0.074 0.173	0.122 0.481 0.098 0.367 2020 0.070 0.163	0.121 0.476 0.097 0.363 2021 0.071 0.166	0.120 0.470 0.096 0.359 2022 0.072 0.168	0.118 0.464 0.094 0.354 2023 0.073	0.117 0.458 0.093 0.350 2024 0.074 0.173
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I recisue sent to inert landfill assuming all MSW and C&I recovery (1) Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to interest to the control of	0.042 0.165 0.033 0.126 ert landfill. In the control of the contro	0.045 0.179 0.036 0.136 0.136 0.136 0.138 0.088 0.088 0.206 0.208 0.206 0.206 N/A N	0.049 0.194 0.039 0.148 I assumption  2007 0.087 0.203 n has accou	0.054 0.211 0.043 0.161 0.s developed 0.085 0.199 0.199 0.085 0.199 0.085 0.199	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.084 0.196 0.196 0.094 0.094 0.094	0.063 0.247 0.050 0.188 was assume  2010 0.082 0.192 n engineeri 2010 N//	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 ng material. 2011 A N//	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 han to inert I 2014 0.088 0.206	0.105 0.412 0.084 0.314 landfi 2015 0.090 0.210	0.108 0.425 0.086 0.324 2016 0.086 0.201	0.112 0.439 0.089 0.335 2017 0.082 0.191	0.115 0.453 0.092 0.345 2018 0.078 0.182 2018 A N/A	0.119 0.467 0.095 0.356 2019 0.074 0.173	0.122 0.481 0.098 0.367 2020 0.070 0.163	0.121 0.476 0.097 0.363 2021 0.071 0.166	0.120 0.470 0.096 0.359 2022 0.072 0.168	0.118 0.464 0.094 0.354 2023 0.073 0.170	0.117 0.458 0.093 0.350 2024 0.074 0.173
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery (1) Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on non-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on	0.042 0.165 0.033 0.126 ert landfill. In the description of the control of the co	0.045 0.179 0.036 0.136 0.136 original mode % % % % 0.088 0.206 cch sub-region	0.049 0.194 0.039 0.148 0.039 0.148 0.039 0.148 0.030 0.087 0.007 0.087 0.203	0.054 0.211 0.043 0.161 ns developed	0.058 0.228 0.046 0.174 0.174 0.176 0.084 0.196 0.084 0.196	0.063 0.247 0.050 0.188 was assumed 2010 0.082 0.192 n engineeri	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196  ng material.	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 han to inert I	0.105 0.412 0.084 0.314 landfi 2015 0.090 0.210	0.108 0.425 0.086 0.324 2016 0.086 0.201	0.112 0.439 0.089 0.335 2017 0.082 0.191	0.115 0.453 0.092 0.345 2018 0.078 0.182	0.119 0.467 0.095 0.356 2019 0.074 0.173	0.122 0.481 0.098 0.367 2020 0.070 0.163	0.121 0.476 0.097 0.363 2021 0.071 0.166	0.120 0.470 0.096 0.359 2022 0.072 0.168	0.118 0.464 0.094 0.354 0.354 2023 0.073 0.170	0.117 0.458 0.093 0.350 2024 0.074 0.173
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incertain the sent of	0.042 0.165 0.033 0.126 ert landfill. In the control of the contro	0.045 0.179 0.036 0.136 0.136 0.136 0.138 0.088 0.088 0.206 0.208 0.206 0.206 N/A N	0.049 0.194 0.039 0.148 I assumption  2007 0.087 0.203 n has accou	0.054 0.211 0.043 0.161 0.161 0.085 0.199 nted for C&E	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.084 0.196 0.196 0.094 0.094 0.094	0.063 0.247 0.050 0.188 was assume  2010 0.082 0.192 n engineeri 2010 N//	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 ng material. 2011 A N//	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.089 0.348 0.071 0.266 ing, rather th	0.097 0.380 0.077 0.290 han to inert I 2014 0.088 0.206	0.105 0.412 0.084 0.314 landfi 2015 0.090 0.210	0.108 0.425 0.086 0.324 2016 0.086 0.201	0.112 0.439 0.089 0.335 2017 0.082 0.191	0.115 0.453 0.092 0.345 2018 0.078 0.182 2018 A N/A	0.119 0.467 0.095 0.356 2019 0.074 0.173	0.122 0.481 0.098 0.367 2020 0.070 0.163	0.121 0.476 0.097 0.363 2021 0.071 0.166	0.120 0.470 0.096 0.359 2022 0.072 0.168	0.118 0.464 0.094 0.354 2023 0.073 0.170	0.117 0.458 0.093 0.350 2024 0.074 0.173
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inc  2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill'  Total C&D reused on inert landfill'  (1) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d  3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  4: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.042 0.165 0.033 0.126 ert landfill. In the control of the contro	0.045 0.179 0.036 0.136 0.136 original mode % % % % 6 0.088 0.206 ch sub-region	0.049 0.194 0.039 0.148 I assumption 0.087 0.203 n has accou	0.054 0.211 0.043 0.161 0.161 0.085 0.085 0.199 0.100	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.196 0.196 0.196 0.196 0.196 0.196	0.063 0.247 0.050 0.188 was assume  2010 0.082 0.192 n engineeri 2010 X N//	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 ng material. 2011 A N/A	0.080 0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A No.	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203	0.097 0.380 0.077 0.290 han to inert I 0.088 0.206	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/	0.108 0.425 0.086 0.324 2016 0.086 0.201 2016 X N//	0.112 0.439 0.089 0.335 2017 0.082 0.191 2017 N//	0.115 0.453 0.092 0.345 2018 0.078 0.182 2018 A N/	0.119 0.467 0.095 0.356 2019 0.074 0.173 2019 A N	0.122 0.481 0.098 0.367 2020 0.070 0.163	0.121 0.476 0.097 0.363 2021 0.071 0.166 2021 /A N.	0.120 0.470 0.096 0.359 2022 0.072 0.168	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/	0.117 0.458 0.093 0.350 2024 0.074 0.173 2024 A N/
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to iner landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) it was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d' 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  4: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is 'Non-specialist incineration' SCENARIO 3 - Assumes sent to hazardous landfill assuming al	0.042 0.165 0.033 0.126 ert landfill. In the control of the contro	0.045 0.179 0.036 0.136 0.136 0.138 0.138 0.206 0.088 0.206 0.088 0.206 0.008 0.206 0.000	0.049 0.194 0.039 0.148 1 assumption 2007 0.087 0.203 n has accou	0.054 0.211 0.043 0.161 0.085 0.085 0.199 0.086 2008 0.087 2008 0.011 0.000	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.094 0.196 0.094 0.094 0.090 0.012	2010 0.082 0.192 0.090 0.188 was assumed 2010 0.082 0.192 0.192 2010 0.013	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 ng material. 2011 A N// 2011 0.014 0.000	0.080 0.314 0.064 0.239 0.239 0.28D recycl 0.085 0.199 2012 0.012 0.016 0.000	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000	0.097 0.380 0.077 0.290 han to inert I  2014 0.088 0.206  2014 0.019 0.000	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/	0.108 0.425 0.086 0.324 2016 0.086 0.201 2016 A N// 2016 0.022 0.000	0.112 0.439 0.089 0.335 2017 0.082 0.191 2017 0.022 0.000	0.115 0.453 0.092 0.345 2018 0.078 0.182 2018 A N/A 2018 0.023 0.000	0.119 0.467 0.095 0.356 0.356 2019 0.074 0.173 2019 0.024 0.000	0.122 0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.000	0.121 0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000	0.120 0.470 0.096 0.359 2022 0.072 0.168 2022 /A N 2022 0.024 0.000	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/ 2023 0.024 0.000	0.117 0.458 0.093 0.350 2024 0.074 0.173 2024 A N/ 2024 0.023 0.000
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill (1) C&D reuse on inert landfill (1) C&D reuse on inert landfill (1) C&D reuse on inert landfill (1) C&D reuse on landfill sites sent to 'non-hazardous landfill sont included within the charts because it has been assumed that of the control of the c	0.042 0.165 0.033 0.126 ert landfill. In the control of the contro	0.045 0.179 0.036 0.136 0.136 0.138 0.138 0.088 0.206 0.088 0.206 N/A N 2006 0.009	0.049 0.194 0.039 0.148 1 assumption 2007 0.087 0.203 n has accou	0.054 0.211 0.043 0.161 0.161 0.085 0.085 0.199 0.161 0.2008 0.085 0.199 0.011	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.094 0.196 0.094 0.094 0.196 0.094 0.094	0.063 0.247 0.050 0.188 was assume  2010 0.082 0.192  n engineeri 2010 A N// 2010 0.013	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 ng material. 2011 A N//	0.080 0.314 0.064 0.239 C&D recycl  2012 0.085 0.199  2012 A Nu 2012 0.016	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018	0.097 0.380 0.077 0.290 han to inert I 2014 0.088 0.206	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/	0.108 0.425 0.086 0.324  2016 0.086 0.201  2016 A N// 2016 0.022	0.112 0.439 0.089 0.335 2017 0.082 0.191 2017 0.022	0.115 0.453 0.092 0.345 2018 0.078 0.182 2018 A N/	0.119 0.467 0.095 0.356 2019 0.074 0.173 2019 A N	0.122 0.481 0.098 0.367  2020 0.070 0.163  2020 VA N 2020 0.024	0.121 0.476 0.097 0.363  2021 0.071 0.166  2021 /A N.	0.120 0.470 0.096 0.359  2022 0.072 0.168  2022 /A N  2022 0.024	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/ 2023 0.024	0.117 0.458 0.093 0.350 2024 0.074 0.173 2024 A N/ 2024 0.023
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery (short-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Romatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reuse rates based on original model assumptions developed MEL (7) C&D reuse rates based on original model assumptions developed MEL (8) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that d (8) Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 1 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT'	0.042 0.165 0.033 0.126 ert landfill. In the control of the contro	0.045 0.179 0.036 0.136 0.136 0.138 0.138 0.206 0.088 0.206 0.088 0.206 0.008 0.206 0.000	0.049 0.194 0.039 0.148 1 assumption 2007 0.087 0.203 n has accou	0.054 0.211 0.043 0.161 0.085 0.085 0.199 0.086 2008 0.087 2008 0.011 0.000	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.094 0.196 0.094 0.0196 0.010	2010 0.082 0.192 0.090 0.188 was assumed 2010 0.082 0.192 0.192 2010 0.013	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 ng material. 2011 A N// 2011 0.014 0.000	0.080 0.314 0.064 0.239 0.239 0.28D recycl 0.085 0.199 2012 0.012 0.016 0.000	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000	0.097 0.380 0.077 0.290 han to inert I  2014 0.088 0.206  2014 0.019 0.000	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/	0.108 0.425 0.086 0.324 2016 0.086 0.201 2016 A N// 2016 0.022 0.000	0.112 0.439 0.089 0.335 2017 0.082 0.191 2017 0.022 0.000	0.115 0.453 0.092 0.345 2018 0.078 0.182 2018 A N/A 2018 0.023 0.000	0.119 0.467 0.095 0.356 0.356 2019 0.074 0.173 2019 0.024 0.000	0.122 0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.000	0.121 0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000	0.120 0.470 0.096 0.359 2022 0.072 0.168 2022 /A N 2022 0.024 0.000	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/ 2023 0.024 0.000	0.117 0.458 0.093 0.350 2024 0.074 0.173 2024 A N/ 2024 0.023 0.000
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incident on the sent of the s	0.042 0.165 0.033 0.126 ert landfill. In the c 39 61 30 70 2005 0.290 0.210 ata supplied by ea 2005 N/A 2005 0.000 0.000 0.000	0.045 0.179 0.036 0.136 0.136 0.136 0.138 0.088 0.206 0.088 0.206 0.080 0.206 0.000 0.000 0.0015	0.049 0.194 0.039 0.148 I assumption  2007 0.087 0.203 In has accou 2007 0.010 0.000 0.000 0.016	2008 0.085 0.199 0.011 0.000 0.000 0.018	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.094 0.196 0.094 0.0196 0.010	2010 0.082 0.192 0.090 0.192 0.192 0.092 0.192 0.093 0.093 0.093 0.000	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196  2011 A N// 2011 0.014 0.000 0.000	0.080 0.314 0.064 0.239 0.28D recycl 0.085 0.199 2012 2012 2012 0.016 0.000 0.000	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000 0.000	0.097 0.380 0.077 0.290 han to inert l 0.088 0.206  2014 0.019 0.000 0.000	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000 0.000	0.108 0.425 0.086 0.324  2016 0.086 0.201  2016 0.086 0.201  2016 0.022 0.000 0.000	0.112 0.439 0.089 0.335	0.115 0.453 0.092 0.345  2018 0.078 0.182  2018 0.082  2018 0.000 0.000	0.119 0.467 0.095 0.356 0.356 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000	0.122 0.481 0.098 0.367 2020 0.070 0.163 2020 0.070 0.163	0.121 0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000 0.000	0.120 0.470 0.096 0.359 2022 0.072 0.168 2022 0.024 0.0024 0.000 0.000	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/ 2023 0.024 0.000 0.000	0.117 0.458 0.093 0.350 0.350 0.350 0.350 0.074 0.173 0.023 0.000 0.000
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (2) TONNAGES OF C&B REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (2) Total C&D reused on landfill sent landfill' (3) TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill' (4) TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-sp	0.042 0.165 0.033 0.126 ert landfill. In the centre of the	0.045 0.179 0.036 0.136 0.136 0.136 0.138 0.088 0.206 0.088 0.206 0.080 0.206 0.000 0.000 0.0015	0.049 0.194 0.039 0.148 I assumption  2007 0.087 0.203 In has accou 2007 0.010 0.000 0.000 0.016	2008 0.085 0.199 0.011 0.000 0.000 0.018	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.094 0.196 0.094 0.0196 0.010	2010 0.082 0.192 0.090 0.192 0.192 0.092 0.192 0.093 0.093 0.093 0.000	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 0.196 2011 0.014 0.000 0.000	0.080 0.314 0.064 0.239 0.28D recycl 0.085 0.199 2012 2012 2012 0.016 0.000 0.000	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000 0.000	0.097 0.380 0.077 0.290 han to inert l 0.088 0.206  2014 0.019 0.000 0.000	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000 0.000	0.108 0.425 0.086 0.324  2016 0.086 0.201  2016 0.086 0.201  2016 0.022 0.000 0.000	0.112 0.439 0.089 0.335	0.115 0.453 0.092 0.345  2018 0.078 0.182  2018 0.082  2018 0.000 0.000	0.119 0.467 0.095 0.356 0.356 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000	0.122 0.481 0.098 0.367 2020 0.070 0.163 2020 0.070 0.163	0.121 0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000 0.000	0.120 0.470 0.096 0.359 2022 0.072 0.168 2022 0.024 0.0024 0.000 0.000	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/ 2023 0.024 0.000 0.000	0.117 0.458 0.093 0.350 0.350 0.350 0.350 0.074 0.173 0.023 0.000 0.000
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incident on the company of	0.042 0.165 0.033 0.126 ert landfill. In the centre of the	0.045 0.179 0.036 0.136 0.136 0.136 0.138 0.088 0.206 0.088 0.206 0.080 0.206 0.000 0.000 0.0015	0.049 0.194 0.039 0.148 I assumption  2007 0.087 0.203 In has accou 2007 0.010 0.000 0.000 0.016	2008 0.085 0.199 0.011 0.000 0.000 0.018	0.058 0.228 0.046 0.174 0.174 0.174 0.084 0.196 0.094 0.196 0.094 0.0196 0.010	2010 0.082 0.192 0.090 0.192 0.192 0.092 0.192 0.093 0.093 0.093 0.000	0.071 0.280 0.057 0.213 ed to go to 0  2011 0.084 0.196 0.196 2011 0.014 0.000 0.000	0.080 0.314 0.064 0.239 0.28D recycl 0.085 0.199 2012 2012 2012 0.016 0.000 0.000	0.089 0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000 0.000	0.097 0.380 0.077 0.290 han to inert l 0.088 0.206  2014 0.019 0.000 0.000	0.105 0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000 0.000	0.108 0.425 0.086 0.324  2016 0.086 0.201  2016 0.086 0.201  2016 0.022 0.000 0.000	0.112 0.439 0.089 0.335	0.115 0.453 0.092 0.345  2018 0.078 0.182  2018 0.082  2018 0.000 0.000	0.119 0.467 0.095 0.356 0.356 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000	0.122 0.481 0.098 0.367 2020 0.070 0.163 2020 0.070 0.163	0.121 0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000 0.000	0.120 0.470 0.096 0.359 2022 0.072 0.168 2022 0.024 0.0024 0.000 0.000	0.118 0.464 0.094 0.354  2023 0.073 0.170  2023 /A N/ 2023 0.024 0.000 0.000	0.117 0.458 0.093 0.350 0.350 0.350 0.350 0.074 0.173 0.023 0.000 0.000

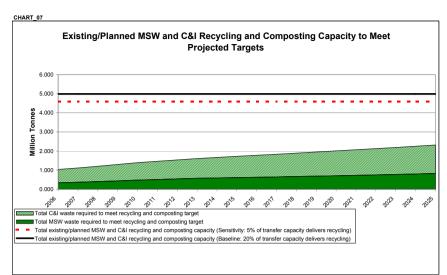


Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment'

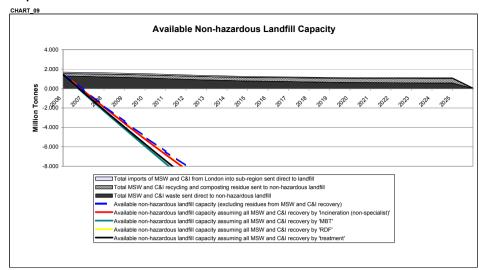
NOTE: This capacity does not represent the quantity of material that is recovered.

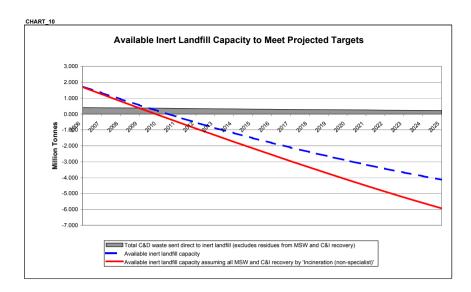
NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.





Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





#### SUMMARY DATA AND RESULTS FOR ISLE OF WIGHT

	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	from london that are sent direct to non-hazardous landfill		0.090	0.092 0.000	0.094 0.000	0.097 0.000	0.099	0.101 0.000	0.103 0.000	0.105 0.000	0.107 0.000	0.110 0.000	0.111 0.000	0.113 0.000	0.115 0.000	0.116 0.000	0.118 0.000	0.120 0.000	0.122 0.000	0.123 0.000	0.125 0.000	0.127
c&i c&l - imports	from london that are sent direct to non-hazardous landfill		0.137	0.140	0.144	0.147	0.151 0.000	0.154	0.157 0.000	0.160	0.164	0.167 0.000	0.169	0.172 0.000	0.174	0.177	0.180	0.181	0.183	0.185 0.000	0.187	0.18
c&d			0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.17
hazardous			0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.00
WASTE STR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)  LATS shortfall (how much extra is landfilled above LATS target)		2006 0.003	2007 0.003	2008 0.002	2009 0.002	2010 0.002	2011 0.003	2012 0.004	2013 0.005	2014 0.003	2015 0.001	2016 0.001	2017 0.001	2018 0.000	2019 0.000	2020 0.000	2021 0.000	0.000	2023 0.000	2024 0.000	0.00
IIISW	Recycling and composting target		0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074	0.07
	Recovery target Non-hazardous landfill		0.006 0.052	0.008 0.051	0.009 0.049	0.011 0.048	0.012 0.045	0.015	0.018 0.036	0.022	0.024	0.027 0.028	0.028	0.029 0.025	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.03
c&i	Recycling and composting target		0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.12
	Recovery target Non-hazardous landfill		0.019	0.020	0.021	0.022	0.023	0.025	0.027	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.03
c&d	Recycling target		0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.10
	Recovery target Inert landfill		0.060	0.059 0.031	0.058 0.030	0.057 0.030	0.056	0.057 0.028	0.058 0.027	0.059 0.026	0.060 0.025	0.061 0.024	0.059	0.056 0.023	0.053 0.022	0.051 0.021	0.048 0.020	0.048	0.049 0.019	0.050 0.018	0.051 0.018	0.0
hazardous	Hazardous waste		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n				is recycled/o	composted	and recover	ed at the sa	ame ratio as	the regiona	il targets for	recycling/c	omposting a	and recover	y for that ye	ar.						
EXISTING/PI	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE	(Million To 2006	onnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
MSW and C8																						
	Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		0.120 0.094	0.120 0.092	0.120 0.090	0.120 0.087	0.120 0.085	0.120 0.080	0.120 0.075	0.120 0.069	0.120 0.065	0.120	0.120 0.058	0.120 0.056	0.120 0.054	0.120 0.052	0.120	0.120	0.120	0.120	0.120 0.053	0.12
MSW and C8	I recycling and composting																					
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.070 0.056	0.0
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.019	-0.026	-0.032	-0.040	-0.047	-0.054	-0.061	-0.067	-0.072	-0.078	-0.082	-0.087	-0.092	-0.098	-0.103	-0.108	-0.113	-0.119	-0.124	-0.12
C&D recycling	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.033	-0.039	-0.046	-0.053	-0.061	-0.067	-0.074	-0.080	-0.086	-0.091	-0.096	-0.101	-0.106	-0.111	-0.116	-0.121	-0.127	-0.132	-0.137	-0.14
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000 -0.102	0.000	0.00 -0.10
C&D recovery	i e e e e e e e e e e e e e e e e e e e																					
	REGIONAL total existing/planned C&D recovery capacity Surplus/deficit capacity		1.794 1.733	1.710 1.651	1.627 1.569	1.544 1.486	1.460 1.404	1.439 1.382	1.418 1.360	1.398 1.338	1.377 1.316	1.356 1.294	1.325 1.266	1.293 1.237	1.262 1.209	1.231	1.199 1.152	1.220 1.172	1.241 1.192	1.262 1.212	1.283 1.232	1.30
Hazardous w	aste recycling																					
	Total existing/planned hazardous waste recycling capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.00 N
Hazardous w	aste recovery																					
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.00 N/
Non-hazardo	is landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.950	0.817	0.685	0.555	0.428	0.304	0.185	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.528	-0.621	-0.711	-0.801	-0.892	-0.983	-1.07
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950	0.817	0.677	0.543	0.411	0.281	0.156	0.072	-0.079	-0.191	-0.299	-0.407	-0.513	-0.526	-0.720	-0.821	-0.922	-1.023	-1.124	-1.2
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.950	0.801 0.814	0.653	0.506 0.545	0.360	0.215	0.072	-0.068 0.043	-0.205 -0.070	-0.341 -0.180	-0.476 -0.287	-0.611 -0.393	-0.745 -0.497	-0.879 -0.599	-1.012 -0.700	-1.144 -0.799	-1.276 -0.898	-1.407 -0.997	-1.538 -1.096	-1.66 -1.19
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.950	0.805	0.661	0.518	0.376	0.236	0.099	-0.035	-0.165	-0.293	-0.420	-0.546	-0.671	-0.796	-0.919	-1.041	-1.163	-1.285	-1.406	-1.52
Inert landfill	Available inert landfill capacity		0.000	-0.032	-0.063	-0.093	-0.123	-0.152	-0.180	-0.207	-0.233	-0.258	-0.282	-0.305	-0.327	-0.349	-0.370	-0.391	-0.411	-0.430	-0 448	-0.46
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.036	-0.071	-0.106	-0.140	-0.175	-0.209	-0.242	-0.276	-0.309	-0.342	-0.374	-0.407	-0.438	-0.470	-0.501	-0.531	-0.561	-0.589	-0.6
Hazardous la	ndfill Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Note: The model does not contain data for the management of hazardous waste.																					
DATA_01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
msw	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5
	Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%	154
	Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)	0.088	0.090	0.092 2.5%	0.094 2.5%	0.097	0.099 2.5%	0.101 2.0%	0.103 2.0%	0.105	0.107	0.110 2.0%	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.12
	Forecast sub-regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%	154
c&i	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year	0.088	0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.12
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
(1	Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	117% 0.134	120% 0.137	123% 0.140	126% 0.144	130% 0.147	133% 0.151	136% 0.154	138% 0.157	141% 0.160	144% 0.164	147% 0.167	149% 0.169	151% 0.172	153% 0.174	156% 0.177	158% 0.180	160% 0.181	161% 0.183	163% 0.185	164% 0.187	166¹ 0.18
	Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
(1	Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts	117% 0.134	120% 0.137	123% 0.140	126% 0.144	130% 0.147	133% 0.151	136% 0.154	138% 0.157	141% 0.160	144% 0.164	147% 0.167	149% 0.169	151% 0.172	153% 0.174	156% 0.177	158% 0.180	160% 0.181	161% 0.183	163% 0.185	164% 0.187	166' 0.18
	Arisings of hazardous waste in baseline year																					
(2	Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	3.3% 107%	2.5% 109%	2.5% 112%	2.5% 115%	2.5% 118%	2.5% 121%	2.0% 123%	2.0% 126%	2.0% 128%	2.0% 131%	2.0% 133%	1.5% 135%	1.5% 137%	1.5% 139%	1.5% 141%	1.5%	1.0% 145%	1.0% 146%	1.0% 148%	1.0% 149%	1.0 151
	Total arisings of hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.00
(2	Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%)	3.3% 107%	2.5% 109%	2.5% 112%	2.5% 115%	2.5% 118%	2.5% 121%	2.0% 123%	2.0% 126%	2.0% 128%	2.0% 131%	2.0% 133%	1.5% 135%	1.5% 137%	1.5% 139%	1.5% 141%	1.5% 144%	1.0% 145%	1.0% 146%	1.0% 148%	1.0% 149%	1.0 151
	Total arisings of hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.00
c&d	Total managed C&D in baseline year  Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
	Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	1009
(3	Total managed of C&D for the sub-region	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

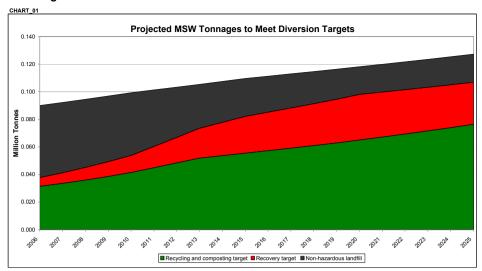
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

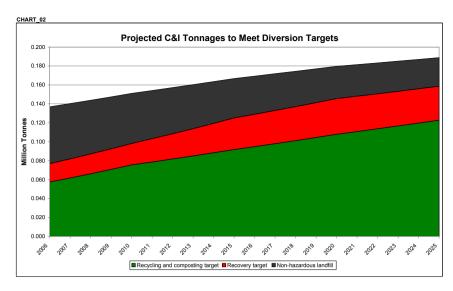
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

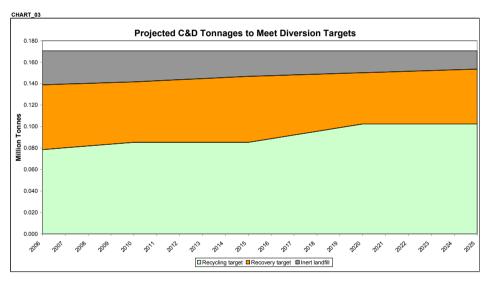
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tornage arisings of MSW and C&I in the sub-region.

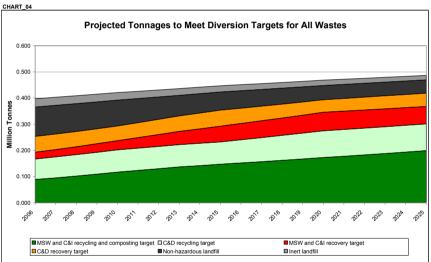
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.088	0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.127
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i		0.134	0.137	0.140	0.144	0.147	0.151	0.154	0.157	0.160	0.164	0.167	0.169	0.172	0.174	0.177	0.180	0.181	0.183	0.185	0.187	0.189
c&I - impor	s from london that are sent direct to non-hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&d		0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171
hazardous		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.035	0.034	0.034	0.033	0.032	0.030	0.027	0.023	0.020	0.019	0.018	0.018	0.017	0.016	0.015	0.014	0.014	0.014	0.014	0.014	0.014
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

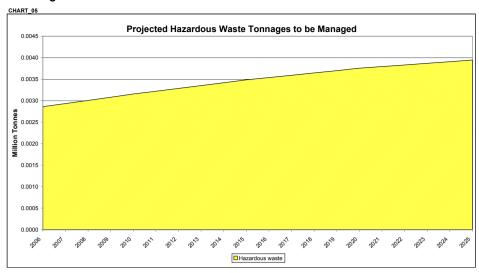
DATA_05	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.031	0.035	0.039	0.043	0.047	0.052	0.057	0.063	0.069	0.075	0.081	0.084	0.088	0.091	0.094	0.098	0.100	0.101	0.103	0.105	0.107
	Total MSW not-diverted by targets	0.057	0.055	0.054	0.052	0.050	0.048	0.044	0.040	0.037	0.033	0.028	0.027	0.025	0.024	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.039	0.038	0.036	0.035	0.034	0.032	0.030	0.028	0.025	0.022	0.019	0.018	0.017	0.016	0.015	0.014	0.014	0.014	0.014	0.014	0.014
	LATS shortfall (how much extra is landfilled above LATS target)	0.004	0.003	0.003	0.002	0.002	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.030	0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074	0.076
	Recovery target	0.005	0.006	0.008	0.009	0.011	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.031
	Non-hazardous landfill	0.053	0.052	0.051	0.049	0.048	0.045	0.041	0.036	0.032	0.030	0.028	0.026	0.025	0.023	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.053	0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.123
COLI	Recovery target	0.033	0.037	0.020	0.000	0.022	0.023	0.025	0.002	0.029	0.000	0.032	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.036
	Non-hazardous landfill	0.061	0.060	0.058	0.057	0.055	0.053	0.051	0.049	0.046	0.044	0.042	0.040	0.039	0.037	0.036	0.034	0.033	0.033	0.032	0.031	0.030
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
	Recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
	Inert landfill	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
DATA 06	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.083	0.089	0.095	0.102	0.109	0.117	0.123	0.130	0.137	0.142	0.147	0.152	0.157	0.162	0.167	0.173	0.178	0.183	0.188	0.194	0.199
	C&D recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
	MSW and C&I recovery target	0.024	0.026	0.028	0.030	0.033	0.035	0.040	0.045	0.051	0.055	0.060	0.062	0.064	0.066	0.068	0.071	0.070	0.069	0.068	0.067	0.066
	C&D recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
	Non-hazardous landfill	0.115	0.112	0.109	0.106	0.102	0.098	0.092	0.085	0.078	0.074	0.069	0.066	0.064	0.061	0.058	0.054	0.054	0.053	0.052	0.051	0.051
	Inert landfill	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
	Hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004









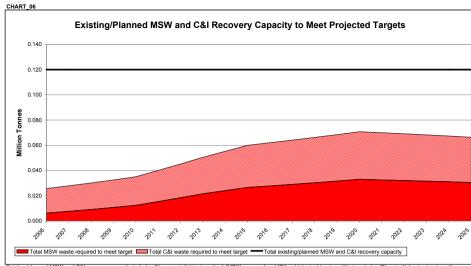


3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

Existing Painted on Adit For Registering, Register and Paint Registering Property	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2017	2010	2010	LULU	LULI		LULU	LULI	LULU
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120
Total existing/planned MSW and C&I recovery capacity	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120	0.120
Total MSW waste required to meet target	0.005	0.006	0.008	0.009	0.011	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.031
Total C&I waste required to meet target	0.019	0.019	0.020	0.021	0.022	0.023	0.025	0.027	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.036
Surplus/deficit capacity	0.096	0.094	0.092	0.090	0.087	0.085	0.080	0.075	0.069	0.065	0.060	0.058	0.056	0.054	0.052	0.049	0.050	0.051	0.052	0.053	0.054
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088
Total existing/planned composting capacity	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Total MSW waste required to meet recycling and composting target	0.030	0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074	0.076
Total C&I waste required to meet recycling and composting target	0.053	0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.123
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.013	-0.019	-0.026	-0.032	-0.040	-0.047	-0.054	-0.061	-0.067	-0.072	-0.078	-0.082	-0.087	-0.092	-0.098	-0.103	-0.108	-0.113	-0.119	-0.124	-0.129
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.027	-0.033	-0.039	-0.046	-0.053	-0.061	-0.067	-0.074	-0.080	-0.086	-0.091	-0.096	-0.101	-0.106	-0.111	-0.116	-0.121	-0.127	-0.132	-0.137	-0.143
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
Surplus/deficit capacity	-0.077	-0.078	-0.080	-0.082	-0.084	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.089	-0.092	-0.096	-0.099	-0.102	-0.102	-0.102	-0.102	-0.102	-0.102
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
Surplus/deficit capacity	1.816	1.733	1.651	1.569	1.486	1.404	1.382	1.360	1.338	1.316	1.294	1.266	1.237	1.209	1.180	1.152	1.172	1.192	1.212	1.232	1.252
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.950	0.817	0.685	0.555	0.428	0.304	0.185	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.528	-0.621	-0.711	-0.801	-0.892	-0.983	-1.073
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950	0.813	0.677	0.543	0.411	0.281	0.156	0.036	-0.079	-0.191	-0.299	-0.407	-0.513	-0.617	-0.720	-0.821	-0.922	-1.023	-1.124	-1.224
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.950	0.801	0.653	0.506	0.360	0.215	0.072	-0.068	-0.205	-0.341	-0.476	-0.611	-0.745	-0.879	-1.012	-1.144	-1.276	-1.407	-1.538	-1.668
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.950	0.814	0.679	0.545	0.414	0.286	0.162	0.043	-0.070	-0.180	-0.287	-0.393	-0.497	-0.599	-0.700	-0.799	-0.898	-0.997	-1.096	-1.194
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.950	0.805	0.661	0.518	0.376	0.236	0.099	-0.035	-0.165	-0.293	-0.420	-0.546	-0.671	-0.796	-0.919	-1.041	-1.163	-1.285	-1.406	-1.527
Total MSW and C&I waste sent direct to non-hazardous landfill	_	0.112	0.109	0.106	0.102	0.098	0.092	0.085	0.078	0.074	0.069	0.066	0.064	0.061	0.058	0.054	0.054	0.053	0.052	0.051	0.051
Inert landfill																					
Available inert landfill capacity		0.000	-0.032	-0.063	-0.093	-0.123	-0.152	-0.180	-0.207	-0.233	-0.258	-0.282	-0.305	-0.327	-0.349	-0.370	-0.391	-0.411	-0.430	-0.448	-0.466
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.036	-0.071	-0.106	-0.140	-0.175	-0.209	-0.242	-0.276	-0.309	-0.342	-0.374	-0.407	-0.438	-0.470	-0.501	-0.531	-0.561	-0.589	-0.617
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	N	I/A N	/A N	/A N	/A N	/A N	/A N	I/A N	I/A N	I/A N	A N	I/A N	/A N	/A N	/A N	I/A N	/A N	I/A N	V/A N	I/A N	/A
Other																					
Metal/ELV facility	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147
Ignored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

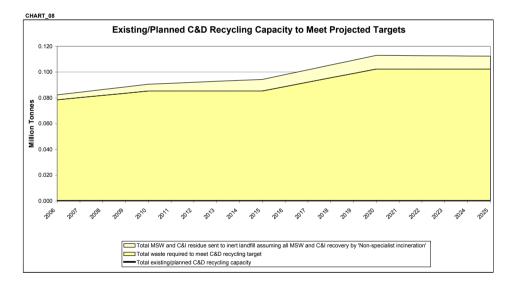
<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity (2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity (3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001) Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

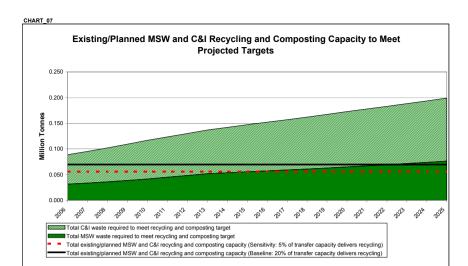
DATA 08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)	2003	2000	2001	2000	2003	2010	2011	2012	2010	2014	2013	2010	2017	2010	2013	2020	2021	ZUZZ	2023	2024	2023
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	3 59	59	59	3 59	3 59	3 59	59	59	59	59	59	59	59	3 59	3 59	59	3 59	59	59	59	3 59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery  Recycling residues (% by weight)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15 10
C&D recycling Hazardous waste recycling	10 5	10	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5
Other	·		Ü	Ü	Ü	Ü		ŭ		·	·	·	Ü	·	Ü	·		Ü	·	·	Ü
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complain																					
DATA_09: TOTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I incineration (non-specialist) - bottom ash	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.018	0.019	0.019	0.020	0.021	0.021	0.021	0.021	0.020	0.020	0.020
MSW and C&I incineration (non-specialist) - fly ash	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
MSW and C&I to MBT MSW and C&I to RDF	0.014 0.003	0.015 0.003	0.016 0.003	0.018 0.004	0.019 0.004	0.021	0.024 0.005	0.027	0.030	0.033	0.035	0.037	0.038	0.039	0.040	0.042	0.041	0.041	0.040 0.008	0.040	0.039
MSW and C&I to RDF MSW and C&I treatment - non-hazardous	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
MSW and C&I treatment - hazardous	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003
Hazardous waste recovery	N/A	N/A N	A N	/A N	/A N	/A N	I/A N/	A N	I/A N/	A N/	A N	A N	A N	A N	A N	/A N	A N	A N	/A N/	A N/A	Α.
Recycling residues (of waste managed):  MSW and C&I recycling and composting	0.012	0.013	0.014	0.015	0.016	0.018	0.019	0.020	0.021	0.021	0.022	0.023	0.024	0.024	0.025	0.026	0.027	0.027	0.028	0.029	0.030
C&D recycling	0.008	0.013	0.008	0.013	0.008	0.009	0.009	0.020	0.021	0.021	0.022	0.023	0.009	0.024	0.025	0.020	0.027	0.027	0.028	0.029	0.030
Hazardous waste recycling		N/A N		/A N			I/A N/												/A N/	A N/A	Α
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaint  DATA_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	nce with the self-suff	iciency requir	ements of F	PPS10.																	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.020	0.021	0.022	0.024	0.025	0.026	0.027	0.028	0.029	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038	0.038	0.039	0.040
DATA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING	(Million Tonnes)																				
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner	ration' 0.004 0.004	0.004 0.004	0.004	0.005 0.005	0.005 0.005	0.005 0.005	0.006	0.007	0.008 800.0	0.008	0.009	0.009	0.010	0.010 0.010	0.010 0.010	0.011 0.011	0.010 0.010	0.010 0.010	0.010 0.010	0.010 0.010	0.010
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.006	0.006	0.009	0.009	0.010	0.010	0.010	0.011	0.010	0.010	0.010	0.010	0.010
Total MSW and C&I residue sent to non-hazardous landfill	0.014	0.015	0.016	0.018	0.019	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.038	0.039	0.040	0.042	0.041	0.041	0.040	0.040	0.039
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.007	0.007	0.007	800.0	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill	0.011	0.012	0.013	0.014	0.015	0.016	0.018	0.020	0.023	0.025	0.027	0.028	0.029	0.030	0.031	0.032	0.031	0.031	0.031	0.030	0.030
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to	inert landfill. In the o	original model	assumption	ns develope	d MEL 50%	was assur	ned to go to	C&D recycl	ling, rather the	han to inert	landfi										
DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)																					
(1) C&D reused on landfill sites	39																				
(1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	61 30																				
(1) C&D reused on landfill sites sent to 'normal landfill'	70																				
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.007 0.017	0.007 0.016	0.007 0.016	0.007 0.016	0.007 0.016	0.007 0.015	0.007 0.016	0.007	0.007 0.016	0.007 0.016	0.007 0.017	0.007 0.016	0.007 0.015	0.006 0.014	0.006 0.014	0.006 0.013	0.006 0.013	0.006 0.013	0.006 0.014	0.006 0.014	0.006 0.014
TOTAL POLICE CASE OF A PORT TOTAL COMME	0.017	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011	0.010	0.010	0.011	0.011	0.010	0.010	0.010	0.011	0.011	0.011
(1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that	data sunnlied by ea	ch sub-region	has accou	inted for C&	D reuse as:	an enginee	ring material														
			20000			goc	.5atoriai														
DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2000	2010	2011	2012	2012	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to hazardous landfill		N/A N			2009 /A N		2011 I/A N/	2012 'A N	2013 I/A N/	2014 'A N/		2016 'A N/							/A N/		4 A
DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	n' 0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.5	0.0	0.5	0.0	0.5	0.05	0.0	0.0	0.0	0.05-	0.000
Total MSW and C&I residue sent to hazardous landfill	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a characteristic currently of the model is redundant.	art of managed waste	e versus avai	able capaci	ity.																	
DATA_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Mil	lion Tonnes)																				
Total hazardous waste recycling and recovery residue sent to hazardous landfill	2005	2006 N/A N	2007 A N	2008 /A N	2009 /A N	2010 /A N	2011 I/A N/	2012 'A N	2013 I/A N/	2014 'A N/	2015 /A N/	2016 'A N/	2017 A N	2018 A N/	2019 A N	2020 /A N	2021 /A N/	2022 'A N	2023 /A N/	2024 A N/A	2025



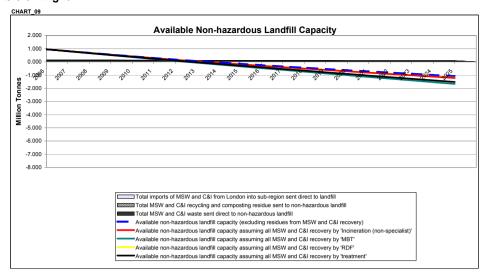
Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

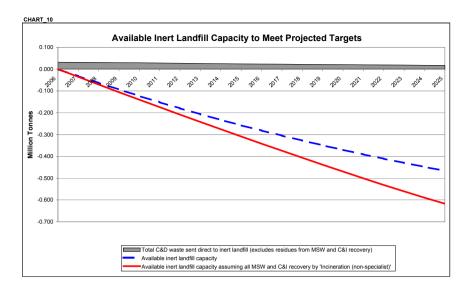
NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.





Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





#### SUMMARY DATA AND RESULTS FOR KENT

	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
1SW	VASTE USED TO GENERATE RESULTS (MIIIIOTI TOTTIES)		0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219	
	s from london that are sent direct to non-hazardous landfill		0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	
&i			1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558	
&I - imports fi &d	from london that are sent direct to non-hazardous landfill		0.131 2.600	0.128 2.600	0.125 2.600	0.121 2.600	0.118 2.600	0.111 2.600	0.105 2.600	0.098 2.600	0.092 2.600	0.085 2.600	0.081 2.600	0.078 2.600	0.074 2.600	0.071 2.600	0.067 2.600	0.066 2.600	0.064 2.600	0.062 2.600	0.061 2.600	
azardous			0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	
JEGI GOGO			0.100	0.111	0.110	0.110	0.110	0.122	0.121	0.120	0.120	0.102	0.101	0.100	0.100	0.110	0.112	0.110	0.110	0.110	0.110	
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	LATS shortfall (how much extra is landfilled above LATS target)		-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001 0.719	
	Recycling and composting target		0.280 0.056	0.305 0.070	0.331 0.085	0.358	0.405	0.439	0.473 0.180	0.506	0.523	0.541	0.558	0.576	0.594 0.296	0.612	0.632	0.653		0.697 0.307	0.719	,
	Recovery target Non-hazardous landfill		0.056	0.070	0.065	0.100 0.484	0.122	0.151	0.160	0.211	0.235 0.287	0.260 0.265	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	
	Recycling and composting target		0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637	
	Recovery target		0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	
	Non-hazardous landfill		0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425	
	Recycling target		1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	
	Recovery target Inert landfill		0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749 0.291	0.759 0.281	0.770	
	Hazardous waste		0.108	0.473	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143		0.146	0.148	
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	nodel assumer	s that this e	extra waste	is recycled/c	composted	and recover		me ratio as t			ecycling/co	mposting a		for that ye	ar.						
VIOTINOIDI	ANNUED CARACITY FOR REGIVELING RECOVERY AND LANDERLYING AND TOTAL WASTE TOWN OF TO EACH RICHORD																					
KISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (I	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
SW and C&I	al recovery		2000	2001	2000	2000	2010	2011	2012	2010	2017	2010	2010	2011	2010	2010	2020	2021	2022	2023	2024	
	Total existing/planned MSW and C&I recovery capacity		0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	) (
	Surplus/deficit capacity		0.457	0.433	0.408	0.381	0.348	0.292	0.233	0.173	0.119	0.063	0.040	0.016	-0.008	-0.033	-0.058	-0.049	-0.040	-0.030	-0.019	) -(
SW and C&I	I recycling and composting		4 477	4 477	4 477	4 477	4 477		4 477	4 477		4 477		4 477	4 477	4 477	4 477		4 477	4 477	4 477	
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.748	0.028	-0.058	-0.149	-0.261	-0.337	-0.413	-0.491	-0.554	-0.619	-0.678	-0.739	-0.800	-0.863	-0.929	-0.990	-1.052	-1.115	-1.179	
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.318	-0.401	-0.488	-0.578	-0.691	-0.766	-0.842	-0.920	-0.983	-1.048	-1.107	-1.168	-1.229	-1.292	-1.358	-1.419	-1.481	-1.544	-1.608	3 -1
D recycling	g																					
	Total existing/planned C&D recycling capacity		0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	
	Surplus/deficit capacity		-1.031	-1.057	-1.083	-1.109	-1.135	-1.135	-1.135	-1.135	-1.135	-1.135	-1.187	-1.239	-1.291	-1.343	-1.395	-1.395	-1.395	-1.395	-1.395	-1
recovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	3 1
	Surplus/deficit capacity		0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492		0.513	
	Saste recycling		0.010	0.000	0.700	0.010	0.002	0.000	0.020	0.100	0.100	0.120	0.100	0.110	0.101	0.101	0.111	0.102	0.102	0.000	0.010	
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	) (
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	aste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	) (
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	
n-hazardou						1671	1471	1471	1471	1477	14// (	1071	1071	14071	1471	1071	1471	14071			1477	•
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		7.275	5.444	3.641	1.870	0.131	-1.549	-3.161	-4.701	-6.169	-7.583	-8.943	-10.279	-11.592	-12.879	-14.141	-15.374	-16.604	-17.831	-19.056	-20
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		7.275	5.396	3.541	1.714	-0.084	-1.830	-3.514	-5.136	-6.695	-8.209	-9.676	-11.123	-12.550	-13.955	-15.339	-16.697	-18.052	-19.402	-20.748	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		7.275	5.254	3.247	1.256	-0.717	-2.652	-4.551	-6.414	-8.239	-10.043	-11.826	-13.598	-15.361	-17.112	-18.853	-20.580	-22.299	-24.010	-25.712	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		7.275 7.275	5.405 5.299	3.561 3.341	1.745 1.402	-0.041 -0.516	-1.774 -2.391	-3.443 -4.221	-5.049 -6.007	-6.590 -7.748	-8.084 -9.460	-9.529 -11.142	-10.954 -12.811	-12.358 -14.466	-13.740 -16.108	-15.099 -17.735	-16.433 -19.345	-17.762 -20.948	-19.088 -22.544	-20.410 -24.132	
t landfill	Available hori-riazardous randini capacity assuming an wisyv and Car recovery by treatment		1.215	3.299	3.341	1.402	-0.510	-2.391	-4.221	-0.007	-1.140	-9.400	-11.142	-12.011	-14.400	-10.100	-17.733	-13.343		*22.344	*24.132	-20
	Available inert landfill capacity		29.297	28.813	28.340			00 000	00 557	00 440		05.074										
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'					27.877	27.425	26.983	26.557	26.146	25.751	25.371	25.007	24.653	24.310	23.977	23.655	23.343	23.041	22.750	22.469	22
zardous lan	ndfill		29.297	28.765	28.240	27.877 27.721	27.425 27.209	26.702	26.203	25.710	25.751 25.224	24.745	25.007 24.274	24.653 23.810	24.310 23.352	23.977 22.901	23.655 22.457	23.343 22.019	23.041 21.593	22.750 21.179	22.469 20.777	
				28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	2
	Available hazardous landfill capacity		3.309																			2
				28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20
	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.	2005		28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20
TA_01: AR	Available hazardous landfill capacity		3.309	28.765 3.309 2007	28.240 3.309 2008	27.721 3.309 2009	3.309 2010	26.702 3.309 2011	3.309	25.710 3.309 2013	25.224 3.309 2014	24.745 3.309	24.274 3.309 2016	23.810 3.309 2017	23.352 3.309 2018	22.901 3.309 2019	22.457 3.309 2020	3.309	21.593 3.309	21.179 3.309 2023	3.309 2024	20
TA_01: AR v	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)	3.0%	3.309 2006 2.5%	28.765 3.309 2007 2.5%	28.240 3.309 2008 2.5%	27.721 3.309 2009 2.5%	27.209 3.309 2010 2.5%	26.702 3.309 2011 2.0%	26.203 3.309 2012 2.0%	25.710 3.309 2013 2.0%	25.224 3.309 2014 2.0%	24.745 3.309 2015 2.0%	24.274 3.309 2016 1.5%	23.810 3.309 2017 1.5%	23.352 3.309 2018 1.5%	22.901 3.309 2019 1.5%	22.457 3.309 2020 1.5%	22.019 3.309 2021 1.5%	21.593 3.309 2022 1.5%	21.179 3.309 2023 1.5%	20.777 3.309 2024 1.5%	20
TA_01: AR v (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 109%	3.309 2006 2.5% 112%	28.765 3.309 2007 2.5% 115%	28.240 3.309 2008 2.5% 118%	27.721 3.309 2009 2.5% 121%	27.209 3.309 2010 2.5% 124%	26.702 3.309 2011 2.0% 126%	26.203 3.309 2012 2.0% 129%	25.710 3.309 2013 2.0% 131%	25.224 3.309 2014 2.0% 134%	24.745 3.309 2015 2.0% 136%	24.274 3.309 2016 1.5% 139%	23.810 3.309 2017 1.5% 141%	23.352 3.309 2018 1.5% 143%	22.901 3.309 2019 1.5% 145%	22.457 3.309 2020 1.5% 147%	22.019 3.309 2021 1.5% 149%	21.593 3.309 2022 1.5% 151%	21.179 3.309 2023 1.5% 154%	20.777 3.309 2024 1.5% 156%	2
(1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - cumulative (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0%	3.309 2006 2.5%	28.765 3.309 2007 2.5%	28.240 3.309 2008 2.5%	27.721 3.309 2009 2.5%	27.209 3.309 2010 2.5%	26.702 3.309 2011 2.0%	26.203 3.309 2012 2.0%	25.710 3.309 2013 2.0%	25.224 3.309 2014 2.0%	24.745 3.309 2015 2.0%	24.274 3.309 2016 1.5%	23.810 3.309 2017 1.5%	23.352 3.309 2018 1.5%	22.901 3.309 2019 1.5%	22.457 3.309 2020 1.5%	22.019 3.309 2021 1.5%	21.593 3.309 2022 1.5%	21.179 3.309 2023 1.5%	20.777 3.309 2024 1.5%	2
(1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year (%)	3.0% 109% 0.853 3.0%	3.309 2006 2.5% 112% 0.875 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0%	25.224 3.309 2014 2.0% 134% 1.045 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5%	21.593 3.309 2022 1.5% 151% 1.183 1.5%	21.179 3.309 2023 1.5% 154% 1.201 1.5%	20.777 3.309 2024 1.5% 156% 1.219 1.5%	2
(1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - cumulative (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0% 109%	3.309 2006 2.5% 112%	28.765 3.309 2007 2.5% 115%	28.240 3.309 2008 2.5% 118%	27.721 3.309 2009 2.5% 121%	27.209 3.309 2010 2.5% 124%	26.702 3.309 2011 2.0% 126%	26.203 3.309 2012 2.0% 129%	25.710 3.309 2013 2.0% 131%	25.224 3.309 2014 2.0% 134%	24.745 3.309 2015 2.0% 136%	24.274 3.309 2016 1.5% 139%	23.810 3.309 2017 1.5% 141%	23.352 3.309 2018 1.5% 143%	22.901 3.309 2019 1.5% 145%	22.457 3.309 2020 1.5% 147%	22.019 3.309 2021 1.5% 149%	21.593 3.309 2022 1.5% 151%	21.179 3.309 2023 1.5% 154%	20.777 3.309 2024 1.5% 156%	2
(1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast segional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)	3.0% 109% 0.853 3.0% 110%	3.309 2006 2.5% 112% 0.875 2.5% 113%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151%	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 156%	
(1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993	26.203 3.309 2012 2.0% 1.29% 1.005 2.0% 130% 1.012	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129	22.457 3.309 2020 1.5% 1.148 1.5% 1.146	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181	21.179 3.309 2023 1.5% 1.54% 1.201 1.5% 153% 1.198	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216	
(1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year   Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - per year (%)   Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993	26.203 3.309 2012 2.0% 129% 1.005 2.0% 1.012 2.0% 1.26%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 1.053 2.0% 131%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129	22.457 3.309 2020 1.5% 147% 1.148 147% 1.146	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149%	
(1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year , Forecast regional level growth rate of MSW - per year (%) , Forecast regional level growth rate of MSW - work of the control	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 1.21% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016	27.209  3.309  2010  2.5% 124% 0.966 2.5% 0.973  2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 2.0% 2.0% 2.05	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.2% 1.107 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 1.39% 2.386	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1518 1.181 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.3% 1.198 1.0% 2.532	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.0% 1.216 1.0% 2.558	2
(1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016 2.5%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128% 2.193 2.0%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 14129 1.5% 141% 2.422 1.5%	22.457 3.309 2020 1.5% 1.148 1.5% 1.146 1.5% 2.458 1.5%	22.019 3.309 2021 1.5% 149% 1.163 1.0% 145% 2.483 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0%	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0%	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.216 1.216 1.216 1.216	2
(1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - per year (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast stepional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 1.21% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016	27.209  3.309  2010  2.5% 124% 0.966 2.5% 0.973  2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 2.0% 2.0% 2.05	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.2% 1.107 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 1.39% 2.386	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1518 1.181 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.3% 1.198 1.0% 2.532	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.0% 1.216 1.0% 2.558	
(1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5% 112% 112%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 1.997 2.5% 1.967 2.5% 1.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016 2.5% 118%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.55% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 1.033 2.0% 128% 2.193 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37% 2.351 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 1.44% 1.123 1.5% 1.39% 2.386 1.5% 1.39%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422 1.5% 141%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 144% 2.458 1.5% 144%	22.019 3.309 2021 1.5% 149% 1.163 1.0% 145% 2.483 1.0% 145%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0%	
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - word waste of wast	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.55% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.518% 2.016 2.5% 118% 2.016	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121% 2.067 2.5% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0%	26.203 3.309 2012 2.0% 129% 1.005 1.005 1.006 1.012 2.0% 1.26% 2.150 2.0% 2.150 2.0% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 2.193 2.0% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 1237 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 2.316 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 2.386 1.5% 1.39% 2.386 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.47% 1.146 2.458 1.5% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 2.483 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 2.558 1.0% 2.558	3
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Total arisings of MSW using sub-regional growth forecasts   Arisings of C&I in baseline year   Forecast regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109% 1.872 2.5% 109% 1.872 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5% 1129 1.919 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 115% 1.967 1.967 2.5% 115% 1.967 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 118% 2.5% 118% 2.016 2.5% 118% 2.18%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 130% 1.012 2.0% 126% 2.150 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 1.033 2.0% 1.28% 2.193 2.0% 128% 2.193 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.37	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 137% 2.351 1.5% 137% 2.351 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 2.386 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.429 1.5% 1411% 2.422 1.5% 1411%	22.457 3.309 2020 1.5% 1.47% 1.148 1.5% 1.47% 1.146 1.5% 1.44% 2.458 1.5% 1.44% 2.458 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 2.483 1.0% 145% 2.483 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0% 148%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 1.49% 2.558 1.0% 1.49% 2.558 1.0% 1.49%	
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of C.81 - cumulative (%) Total arisings of C.81 using regional growth forecasts Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of bazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 1.872 0.9% 0.108	28.765 3.309 2007 2.5% 115% 0.997 112% 1.919 2.5% 1129% 1.919 2.5% 1.919 0.904 0.911	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1.22% 0.949 2.5% 118% 2.016 2.5% 118% 2.016 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.91 2.5% 121% 2.067 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123% 2.108	20.203 3.309 2012 2.0% 129% 1.005 130% 1.005 2.0% 126% 2.150 2.0% 2.150 2.0% 126% 2.150 2.0% 126% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.193	25.224 3.309 2014 2.0% 134% 1.045 1.053 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 2.351 1.5% 2.351 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 144% 2.458 1.5% 144% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.46% 2.483 1.0% 2.483 1.0% 0.143	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.198 1.198 1.0% 2.532 1.0% 4.48% 2.532	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148	3
(1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using abusengional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 0.105 3.3%	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 0.108 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 116% 112% 112% 1129 1.919 2.55% 112% 0.111 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 119% 115% 115% 115% 1.967 2.5% 115% 0.113 2.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1122% 0.949 2.5% 118% 2.016 2.5% 118% 0.116 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 121% 2.5% 121% 2.19% 2.19% 2.19% 2.5% 121% 2.5% 121% 2.5% 121% 2.5%	26.702 3.309 2011 2.0% 126% 0.985 127% 0.993 2.0% 123% 2.108 2.096 123% 2.108 2.096 123% 0.123% 0.122 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0% 126% 2.150 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.193	25.224 3.309 2014 2.0% 134% 1.045 135% 1.053 2.0% 131% 2.237 2.0% 131% 0.129 2.0% 131% 0.229	24.745 3.309 2015 2.0% 136% 1.066 1.066 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133% 0.132 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 1.090 1.5% 135% 2.316 1.5% 135% 0.134 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37% 2.351 1.5% 137% 0.136 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 1.44% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5%	22.901 3.309 2019 1.5% 145% 1.139 1.5% 141% 2.422 1.5% 141% 0.140 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147% 1.146 2.458 1.5% 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 145% 0.143 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507 1.0% 146% 0.145	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.398 1.0% 148% 2.532 2.532 1.0% 148% 0.146 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	2
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast stepional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 1.872 0.9% 0.108	28.765 3.309 2007 2.5% 115% 0.997 112% 1.919 2.5% 1129% 1.919 2.5% 1.919 0.904 0.911	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1.22% 0.949 2.5% 118% 2.016 2.5% 118% 2.016 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.91 2.5% 121% 2.067 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 126% 127% 0.985 2.0% 123% 2.108 2.0% 123% 2.108 2.0% 123% 2.108	20.203 3.309 2012 2.0% 129% 1.005 130% 1.005 2.0% 126% 2.150 2.0% 2.150 2.0% 126% 2.150 2.0% 126% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.023 2.0% 128% 2.193 2.0% 128% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 2.351 1.5% 2.351 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.45% 2.483 1.0% 145% 2.483 1.0% 1.0% 1.16% 1	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.198 1.198 1.0% 2.532 1.0% 4.48% 2.532	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148	2
(1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using abusengional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%) Forecast steplonal level growth rate of hazardous waste - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 0.90% 1.872 2.5% 0.108 2.5% 0.108	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.55% 118% 2.016 2.5% 118% 0.116 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 127% 0.993 2.0% 123% 2.108 2.096 123% 2.108 2.096 123% 0.123% 0.122 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.005 2.0% 126% 2.150 2.0% 126% 0.124 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.193	25.224 3.309 2014 2.0% 134% 1.045 135% 1.053 2.0% 131% 2.237 2.0% 131% 0.129 2.0% 131% 0.229	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133%	24.274  3.309  2016  1.5% 139% 1.082 1.5% 140% 1.090  1.5% 135% 2.316  1.5% 0.134 1.5% 135% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 0.136 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147% 1.146 2.458 1.5% 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 145% 0.143 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0% 1.48% 0.146 1.0% 1.48%	20.777 3.309 2024 1.5% 156% 1518 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	21 21 21 21 21 21 21 21 21 21 21 21 21 2
(1) (1) (1) (1) (1) (2) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth processes  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using abush forecasts  Arisings of hazardous waste in baseline year Forecast regional level growth rate of Asi - cumulative (%)  Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 0.90% 1.872 2.5% 0.108 2.5% 0.108	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.55% 118% 2.016 2.5% 118% 0.116 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 126% 127% 0.985 2.0% 123% 2.108 2.0% 123% 2.108 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.005 2.0% 126% 2.150 2.0% 126% 0.124 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.023 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133%	24.274  3.309  2016  1.5% 139% 1.082 1.5% 140% 1.090  1.5% 135% 2.316  1.5% 0.134 1.5% 135% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 0.136 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 1.5% 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.45% 2.483 1.0% 145% 2.483 1.0% 1.0% 1.16% 1	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0% 1.48% 0.146 1.0% 1.48%	20.777 3.309 2024 1.5% 156% 1518 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	2
(1) (1) (1) (1) (1) (1) (1) (2) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.SI AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - regional growth forecasts  Total arisings of MSW using usb-regional growth forecasts  Arisings of CSI in baseline year Forecast sub-regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts Forecast sub-regional level growth rate of CSI - per year (%) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts  Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105	3.309 2006 2.5% 112% 0.875 113% 0.885 109% 1.872 2.5% 109% 1.872 2.5% 109% 1.872 1.99% 1.872 1.99% 1.99% 1.99% 1.99% 1.99% 1.90% 1.9	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1199 2.5% 11919 2.5% 112% 1.919 2.5% 112% 0.111 2.5% 0.111	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 1.967 2.5% 1.967 2.5% 1.15% 0.113 2.5% 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 118% 2.016 2.5% 118% 2.016 2.5% 118% 0.116 2.5% 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 2.067 2.5% 2.067 2.5% 2.11% 2.067 2.5% 1219% 0.119	26.702 3.309 2011 2.0% 1.26% 0.985 2.0% 1.27% 0.993 2.0% 2.108 2.0% 2.108 2.0% 1.23% 0.122 2.0% 1.23% 0.122	2012 2.0% 129% 1.005 2.0% 1.012 2.0% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.025 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 0.126	2014 2.0% 134% 1.045 2.0% 1.053 2.0% 1.053 2.0% 1.31% 2.237 2.0% 1.31% 2.237 2.0% 1.31% 2.237 2.0% 1.31% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282 2.0% 133% 0.132	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 1.5% 135% 0.134 1.5% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 2.351 1.5% 137% 0.136	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 1.5% 144% 2.458 1.5% 144% 0.142	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.163 1.0% 2.483 1.0% 2.483 1.0% 0.143 1.0% 0.143	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 0.145 0.145	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 4.48% 2.532 1.0% 4.48% 0.146 0.146	20.777 3.309 2024 1.5% 156% 1.219 1.5% 156% 1.216 1.0% 149% 2.558 1.0% 149% 0.148 1.0% 0.148	20 20 30 30 30 30 30 30 30 30 30 30 30 30 30

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

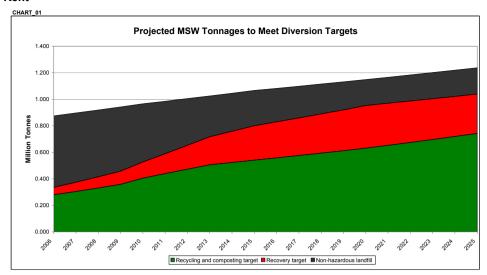
DATA_02:	INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c	&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%
	(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.198	0.193	0.188	0.183	0.178	0.173	0.163	0.154	0.144	0.134	0.125	0.119	0.114	0.109	0.104	0.099	0.097	0.094	0.092	0.090	0.088
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.063	0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.063	0.062	0.060	0.059	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.037	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.135	0.131	0.128	0.125	0.121	0.118	0.111	0.105	0.098	0.092	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.062	0.061	0.059
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.134	0.131	0.128	0.124	0.121	0.118	0.111	0.104	0.098	0.091	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.063	0.061	0.059

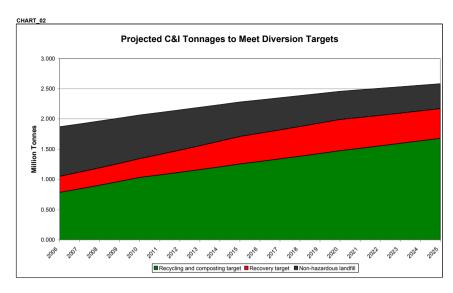
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

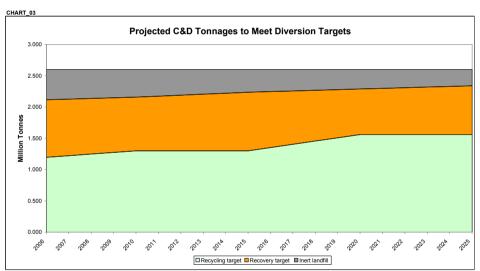
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.853	0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219	1.237
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.063	0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
c&i		1.827	1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558	2.583
c&I - import	s from london that are sent direct to non-hazardous landfill	0.135	0.131	0.128	0.125	0.121	0.118	0.111	0.105	0.098	0.092	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.062	0.061	0.059
c&d		2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600
hazardous		0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.428	0.414	0.393	0.366	0.331	0.290	0.258	0.226	0.193	0.185	0.177	0.168	0.160	0.152	0.144	0.135	0.135	0.135	0.135	0.135	0.135
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	,																					

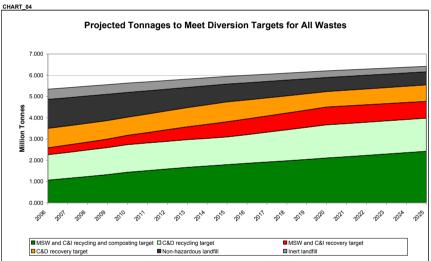
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.299	0.336	0.375	0.415	0.458	0.502	0.555	0.611	0.668	0.727	0.789	0.820	0.852	0.885	0.919	0.953	0.970	0.987	1.004	1.021	1.039
	Total MSW not-diverted by targets	0.555	0.539	0.522	0.504	0.484	0.463	0.429	0.394	0.357	0.318	0.277	0.262	0.246	0.230	0.213	0.195	0.196	0.196	0.197	0.197	0.198
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.377	0.366	0.355	0.342	0.329	0.315	0.292	0.268	0.242	0.216	0.188	0.178	0.167	0.156	0.145	0.133	0.133	0.134	0.134	0.134	0.135
	LATS shortfall (how much extra is landfilled above LATS target)	-0.050	-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001	-0.001
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.006	0.009	0.012	0.014	0.010	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.019	0.025	0.030	0.035	0.021	0.008	0.006	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.256	0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523	0.541	0.558	0.576	0.594	0.612	0.632	0.653	0.674	0.697	0.719	0.742
	Recovery target	0.043	0.056	0.070	0.085	0.100	0.122	0.151	0.180	0.211	0.235	0.260	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	0.297
	Non-hazardous landfill	0.555	0.539	0.522	0.504	0.484	0.439	0.395	0.352	0.307	0.287	0.265	0.252	0.239	0.225	0.212	0.195	0.196	0.196	0.197	0.197	0.198
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.731	0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637	1.679
	Recovery target	0.256	0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	0.491
	Non-hazardous landfill	0.840	0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425	0.413
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	1.170	1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	1.560
000	Recovery target	0.936	0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749	0.759	0.770	0.780
	Inert landfill	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.260
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.987	1.066	1.149	1.236	1.326	1.439	1.514	1.591	1.668	1.731	1.796	1.855	1.916	1.977	2.040	2.106	2.167	2.229	2.292	2.356	2.422
	C&D recycling target	1.170	1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	1.560
	MSW and C&I recovery target	0.298 0.936	0.322 0.920	0.346	0.372 0.889	0.398 0.874	0.432 0.858	0.488 0.874	0.546 0.889	0.606 0.905	0.660 0.920	0.716 0.936	0.739	0.763 0.853	0.787	0.812 0.770	0.838 0.728	0.828 0.738	0.819 0.749	0.809 0.759	0.799 0.770	0.788 0.780
	C&D recovery target Non-hazardous landfill	1.395	1.359	0.905 1.320	1.279	1.234	1.162	1.091	1.018	0.905	0.920	0.936	0.894 0.803	0.853	0.811 0.736	0.770	0.728	0.738	0.749	0.759	0.770	0.780
	Non-nazardous iandfili	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.943	0.891	0.836	0.803	0.770	0.736	0.701	0.662	0.653	0.643	0.633	0.622	0.611
		0.494	0.484		0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.260
	Hazardous waste	0.105	0.108	0.111	U.113	0.116	0.119	0.122	U. 124	U.126	0.129	0.132	U. 134	0.136	U. 138	0.140	U.142	U.143	U.145	U. 146	U. 148	0.149

### Kent

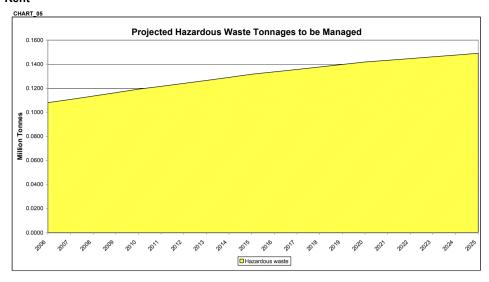








### Kent



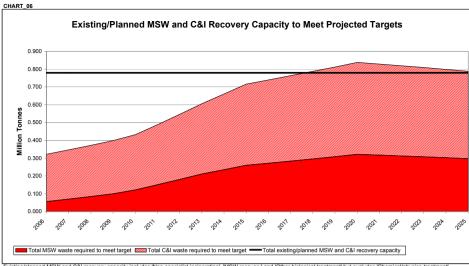
G. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

Existing Exists of Activities to the first the Exist Edition and Total Waste Total	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL		LULI	
MSW and C&I incineration (non-specialist)	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503
MSW and C&I treatment	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.276
Total existing/planned MSW and C&I recovery capacity	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779
Total MSW waste required to meet target	0.043	0.056	0.070	0.085	0.100	0.122	0.151	0.180	0.211	0.235	0.260	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	0.297
Total C&I waste required to meet target	0.256	0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	0.491
Surplus/deficit capacity	0.481	0.457	0.433	0.408	0.381	0.348	0.292	0.233	0.173	0.119	0.063	0.040	0.016	-0.008	-0.033	-0.058	-0.049	-0.040	-0.030	-0.019	-0.008
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399
MSW and C&I transfer	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860
Total existing/planned composting capacity	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206
) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177	1.177
Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748
Total MSW waste required to meet recycling and composting target	0.256	0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523	0.541	0.558	0.576	0.594	0.612	0.632	0.653	0.674	0.697	0.719	0.742
Total C&I waste required to meet recycling and composting target	0.731	0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637	1.679
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.191	0.111	0.028	-0.058	-0.149	-0.261	-0.337	-0.413	-0.491	-0.554	-0.619	-0.678	-0.739	-0.800	-0.863	-0.929	-0.990	-1.052	-1.115	-1.179	-1.244
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.239	-0.318	-0.401	-0.488	-0.578	-0.691	-0.766	-0.842	-0.920	-0.983	-1.048	-1.107	-1.168	-1.229	-1.292	-1.358	-1.419	-1.481	-1.544	-1.608	-1.673
C&D recycling																					
Total existing/planned C&D recycling capacity	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165
Total waste required to meet C&D recycling target	1.170	1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	1.560
Surplus/deficit capacity	-1.005	-1.031	-1.057	-1.083	-1.109	-1.135	-1.135	-1.135	-1.135	-1.135	-1.135	-1.187	-1.239	-1.291	-1.343	-1.395	-1.395	-1.395	-1.395	-1.395	-1.395
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1,710	1.627	1.544	1 460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1,262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.936	0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749	0.759	0.770	0.780
Surplus/deficit capacity	0.941	0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492	0.503	0.513	0.524
Hazardous waste recycling	0.011	0.070	0.000	0.700	0.010	0.002	0.000	0.020	0.100	0.100	0.120	0.100	0.110	0.101	0.101	0.111	0.102	0.102	0.000	0.010	0.021
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Hazardous waste recovery	1471	1471				1471							1471			1471					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		7.275	5 444	3,641	1.870	0.131	-1 549	-3 161	-4 701	-6 169	-7.583	-8 943	-10 279	-11.592	-12.879	-14 141	-15.374	-16 604	-17.831	-19 056	-20 277
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		7.275	5.396	3.541	1.714	-0.084	-1.830	-3.514	-5.136	-6.695	-8.209	-9.676	-11.123	-12.550	-13.955	-15.339	-16.697	-18.052	-19.402	-20.748	-22.089
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"		7.275	5.254	3.247	1.256	-0.717	-2.652	-4.551	-6.414	-8.239	-10.043	-11.826	-13.598	-15.361	-17.112	-18.853	-20.580	-22.299	-24.010	-25.712	-27.404
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		7.275	5.405	3.561	1.745	-0.041	-1.774	-3 443	-5.049	-6.590	-8 084	-9.529	-10.954	-12.358	-13 740	-15.099	-16.433	-17.762	-19.088	-20 410	-21.727
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		7.275	5.299	3.341	1.402	-0.516	-2.391	-4.221	-6.007	-7.748	-9.460	-11.142	-12.811	-14.466	-16.108	-17.735	-19.345	-20.948	-22.544	-24.132	-25.713
Total MSW and C&I waste sent direct to non-hazardous landfill		1.359	1.320	1.279	1.234	1.162	1.091	1.018	0.943	0.891	0.836	0.803	0.770	0.736	0.701	0.662	0.653	0.643	0.633	0.622	0.611
Inert landfill		1.000	1.020	1.213	1.204	1.102	1.001	1.010	0.545	0.031	0.000	0.000	0.770	0.750	0.701	0.002	0.000	0.040	0.000	0.022	0.011
Available inert landfill capacity		29.297	28.813	28.340	27.877	27.425	26.983	26.557	26.146	25.751	25.371	25.007	24.653	24.310	23.977	23.655	23.343	23.041	22.750	22 469	22.199
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		29.297	28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20.387
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.260
Hazardous landfill	0.434	0.404	0.473	0.400	0.432	0.442	0.420	0.411	0.000	0.500	0.004	0.554	0.545	0.000	0.522	0.012	0.502	0.201	0.201	0.210	0.200
Available hazardous landfill capacity		3 309	3 309	3.309	3.309	3 309	3 309	3 309	3.309	3 309	3.309	3 309	3 309	3.309	3 309	3 309	3 309	3 309	3 309	3 309	3 309
Available flazardous landini capacity Total hazardous waste sent direct to hazardous landfill							J.309 I/A N			J/A N				J/A N							J/A
Other						1	1		19	11	,, I				1					.,,	
Metal/ELV facility	0.973	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975
Ignored	1.854	0.880	0.880	0.880	0.880	0.880	0.975	0.880	0.880	0.880	0.880	0.880	0.880	0.975	0.880	0.880	0.880	0.880	0.880	0.880	0.880
Closed	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Ciosco	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

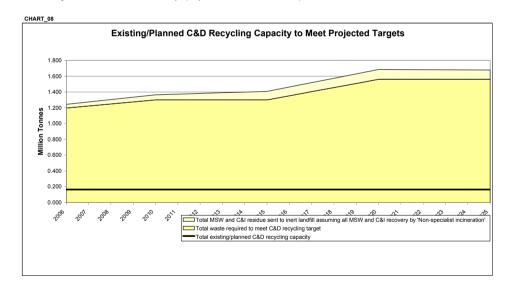
<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

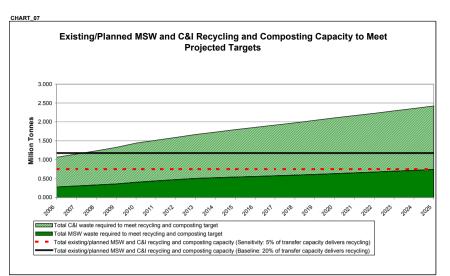
RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	20	30	30	30	30	30	20	30	30	30
MSW and C&I incineration (non-specialist) - bottom asn MSW and C&I incineration (non-specialist) - fly ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to MBT	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous			5	5	5	5	-5	5	-5	5	5	5	5	-5	5	5	5	- 5	-5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)	·	ŭ	·	Ü	Ü	Ü	Ü	Ü	·	Ü	Ü	•	Ü	Ü	•	Ü	·	·	·	Ü
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
C&D recycling Hazardous waste recycling	10	10	5	5	5	10	10	5	5	10	10	5	5	10	10	5	10	10	10	10
Other	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	5	3	3	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complain	nce with the self-suf	ficiency requ	irements of I	PPS10																
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
TOTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	∠008	2009	∠010	2017	2012	2013	2014	2015	2016	201/	ZU18	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	0.090	0.097	0.104	0.112	0.119	0.129	0.146	0.164	0.182	0.198	0.215	0.222	0.229	0.236	0.244	0.251	0.249	0.246	0.243	0.240
MSW and C&I incineration (non-specialist) - bottom ash  MSW and C&I incineration (non-specialist) - fly ash	0.090	0.097	0.104	0.112	0.119	0.129	0.146	0.164	0.162	0.198	0.215	0.222	0.229	0.236	0.024	0.251	0.249	0.246	0.243	0.240
MSW and C&I incineration (non-specialist) - tly ash MSW and C&I to MBT	0.009	0.010	0.010	0.011	0.012	0.013	0.015	0.016	0.018	0.020	0.021	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.024	0.024
MSW and C&I to MBT	0.176	0.190	0.204	0.219	0.235	0.255		0.322	0.358	0.390	0.422	0.436	0.450	0.464	0.479	0.494	0.489	0.483	0.477	0.471
	0.036 0.134	0.039	0.042	0.045	0.048	0.052		0.066	0.073	0.079	0.086	0.089	0.092	0.094	0.097	0.101	0.099	0.098	0.097	0.096
MSW and C&I treatment - non-hazardous				0.167	0.179									0.354						
MSW and C&I treatment - hazardous	0.015	0.016 N/A	0.017 V/A N	0.019 I/A N/		0.022 A N/		0.027 N/A	0.030	0.033	0.036 A N/A	0.037	0.038 A N//		0.041 A N	0.042	0.041 /A N/	0.041 /A N	0.040 A N/A	0.040
Hazardous waste recovery	N/A	IN/A I	WA N	VA N/	A N/A	A N/	A N/A	. N/A	A N/A	A N/A	4 N/A	N//	4 N//	A N//	4 N	A N	M N	M N	A N/A	N/A
Recycling residues (of waste managed):	0.148	0.160	0.470	0.405	0.199	0.046	0.007	0.000	0.050	0.000	0.000	0.070	0.007	0.007	0.200	0.246	0.225	0.224	0.244	0.050
MSW and C&I recycling and composting	0.110		0.172	0.185		0.216	0.227	0.239	0.250	0.260	0.269	0.278	0.287	0.297	0.306	0.316	0.325	0.334	0.344	0.353 0.156
C&D recycling Hazardous waste recycling	0.117 N/A	0.120 N/A I	0.122 N/A N	0.125 //A N/	0.127 A N/A	0.130 A N/		0.130 N/A	0.130 A N/A	0.130 A N/A	0.130 A N/A	0.135 N/	0.140 A N//	0.146 A N/	0.151 A N	0.156	0.156 /A N/	0.156	0.156 A N/A	0.156 N/
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complain	ice with the sen-sun	liciericy requ	irements or i	PP310.																
TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.265	0.280	0.295	0.310		0.346		0.369	0.380	0.390		0.413	0.428	0.442	0.457	0.472	0.481	0.490		0.509
																				0.509
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING	(Million Tonnes)																			
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING	(Million Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	(Million Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist inciner	2005	0.048				0.065	0.073											0.123	0.121	
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005 ration' 0.045		0.052	0.056	0.060		0.073	0.082	0.091	0.099	0.107	0.111	0.114	0.118	0.122	0.126	0.124		0.121	0.120
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)	2005 ration' 0.045	0.048	0.052	0.056	0.060	0.065	0.073	0.082	0.091	0.099	0.107	0.111	0.114	0.118	0.122	0.126	0.124	0.123	0.121 0.121	0.120
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfil assuming all MSW and C&I recovery by Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfil assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil	2005 ration' 0.045 0.045	0.048 0.048	0.052 0.052	0.056 0.056	0.060 0.060	0.065 0.065	0.073 0.073	0.082 0.082	0.091 0.091	0.099 0.099	0.107 0.107	0.111 0.111	0.114 0.114	0.118 0.118	0.122 0.122	0.126 0.126	0.124 0.124	0.123 0.123	0.121 0.121	0.120 0.120
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)	2005 ration' 0.045 0.045 0.176	0.048 0.048	0.052 0.052	0.056 0.056	0.060 0.060	0.065 0.065	0.073 0.073	0.082 0.082	0.091 0.091 0.358	0.099	0.107 0.107	0.111 0.111	0.114 0.114	0.118 0.118	0.122 0.122	0.126 0.126	0.124 0.124	0.123 0.123	0.121 0.121	0.120 0.120
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	2005 ration' 0.045 0.045	0.048 0.048 0.190	0.052 0.052 0.204	0.056 0.056 0.219	0.060 0.060 0.235	0.065 0.065 0.255	0.073 0.073 0.288	0.082 0.082 0.322	0.091 0.091	0.099 0.099 0.390	0.107 0.107 0.422	0.111 0.111 0.436	0.114 0.114 0.450	0.118 0.118 0.464	0.122 0.122 0.479	0.126 0.126 0.494	0.124 0.124 0.489	0.123 0.123 0.483	0.121 0.121 0.477	0.120 0.120 0.471
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RSF' (based on total recovery capacity)	2005 ration' 0.045 0.045 0.176	0.048 0.048 0.190	0.052 0.052 0.204	0.056 0.056 0.219	0.060 0.060 0.235	0.065 0.065 0.255	0.073 0.073 0.288	0.082 0.082 0.322	0.091 0.091 0.358	0.099 0.099 0.390	0.107 0.107 0.422	0.111 0.111 0.436	0.114 0.114 0.450	0.118 0.118 0.464	0.122 0.122 0.479	0.126 0.126 0.494	0.124 0.124 0.489	0.123 0.123 0.483	0.121 0.121 0.477	0.120 0.120 0.471
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	2005 ation' 0.045 0.045 0.176 0.036 0.134	0.048 0.048 0.190 0.039 0.145	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) CENARIO 4 - Assumes all recovery is by 'Tventment' (based on total recovery capacity) (9) Total MSW and C&I residue sent to non-hazardous landfill (10) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to	2005 ation' 0.045 0.045 0.176 0.036 0.134	0.048 0.048 0.190 0.039 0.145	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tventment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to   TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	2005 ation' 0.045 0.045 0.176 0.036 0.134 inert landfill. In the d	0.048 0.048 0.190 0.039 0.145	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inon-hazardous CAB recovery is possible from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inon-hazardous and illustrations of the control of	2005 ation' 0.045 0.045 0.176 0.036 0.134 inert landfill. In the a	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Tvantement' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 1 TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	2005 ation' 0.045 0.045 0.176 0.036 0.134 inert landfill. In the (	0.048 0.048 0.190 0.039 0.145 original model	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 ation' 0.045 0.045 0.176 0.036 0.134 nert landfill. In the display and th	0.048 0.048 0.190 0.039 0.145 original model	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  2) Total MSW and C&I residue sent to non-hazardous landfill  (t) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to IONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005 ation' 0.045 0.045 0.176 0.036 0.134 inert landfill. In the (	0.048 0.048 0.190 0.039 0.145 original model	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inconverse that the state of the sent to non-hazardous landfill and 50% is sent to inconverse of the sent to non-hazardous landfill set (1) CAB reused on landfill sites  (1) C&B reused on landfill sites sent to 'non-haz landfill'  (2) CAB reused on landfill sites sent to 'non-haz landfill'	2005 2005 2006 2007 2008 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 original model	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179	0.065 0.065 0.255 0.052 0.194 was assum	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incon-hazardous landfill sites  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 2007 2007 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 original model % %	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  2) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'IONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	2005 2005 2006 2007 2007 2005 2005 2005 2005 2005 2005	0.048 0.048 0.190 0.039 0.145 original model % % %	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incon-hazardous landfill sites  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 2007 2007 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 original model % %	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tratmann' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused On landfill sites sent to 'non-haz landfill'  Total C&D reused C&D on inert landfill  Total reused C&D on inert landfill  (1) C&D reused capacity is the same properties of the same properties	2005 2006 2007 2008 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 0.190 0.145 0.145 0.145 0.145 0.145	0.052 0.052 0.204 0.204 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	2005 2006 2007 2008 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 0.190 0.145 0.145 0.145 0.145 0.145	0.052 0.052 0.204 0.204 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (8) Total MSW and C&I residue sent to non-hazardous landfill (9) Total MSW and C&I residue sent to non-hazardous landfill (10) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to (10) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) Total C&D reused on landfill sites sent to 'non-haz landfill' (2) Total C&D reused on non-hazardous landfill' (3) C&D reused C&D on inert landfill' (4) C&D reused C&D on inert landfill' (5) C&D reused C&D on inert landfill' (6) C&D reuse rates based on original model assumptions developed MEL	2005 2006 2007 2008 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 ed to go to C.	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert k	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reuse rates based on original model assumptions developed MEL (5) NOTE: C&D reuse on inert and non-hazardous landfill in not included within the charts because it has been assumed that TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 ation' 0.045 0.045 0.045 0.176 0.036 0.134 inert landfill. In the 4 30 61 30 70 2005 0.109 0.254 data supplied by ea	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.080 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused C&D on inert landfill'  (1) C&D reuse along on on-hazardous landfill inert landfill'  Total reused C&D on inert landfill'  (2) CAD reused on capacity is the sent to 'non-haz landfill'  Total reused C&D on inert landfill'  Total reused C&D on inert landfill inert landfill inert landfill inert landfill'	2005 ation' 0.045 0.045 0.045 0.176 0.036 0.134 inert landfill. In the 4 30 61 30 70 2005 0.109 0.254 data supplied by ea	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  I) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	2005 ation' 0.045 0.045 0.045 0.036 0.176 0.036 0.134 nert landfill. In the days of the second of th	0.048 0.048 0.190 0.039 0.145 0.145 0.145 0.107 0.250 0.107 0.250 0.107	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ons developed 0.103 0.241 united for C&E	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 D reuse as ar	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri	0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ing material. 2011 A N/A	0.082 0.082 0.082 0.322 0.066 0.246 8D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert k	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 5 - C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) (two assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sites  1) (c&D reused on landfill sites  1) (c&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that IOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 ation' 0.045 0.045 0.045 0.176 0.036 0.134 inert landfill. In the 4 30 61 30 70 2005 0.109 0.254 data supplied by ea	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.080 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 ed to go to C	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Trantemen' (based on total recovery capacity)  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inon-hazardous landfill and 50% is sent to inon-hazardous not landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on innon-hazardous landfill'  Total C&D reused on innon-hazardous landfill'  Total C&D reused cAD on inert landfill'  1) C&D reused C&D on inert landfill'  Total reused C&D on inert landfill'  1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that IOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 2005 2006 2007 2007 2007 2007 2007 2007 2007	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250 och sub-regid	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed 0.103 0.241 unted for C&L 2008	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri 2010 A N/	0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 2011	0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200	0.123 0.123 0.483 0.098 0.368 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  2) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 5 - C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) (C&D reused on landfill sites  1) (C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  1) (C&D reused on landfill sites sent to 'non-hazardous landfill'  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that IOTAL MSW AND C&I recsidue from RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill amount of the charts because it has been assumed that IOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005 2005 2006 2007 2007 2007 2007 2007 2007 2007	0.048 0.048 0.190 0.039 0.145 0.145 0.145 0.107 0.250 0.107 0.250 0.107	0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ons developed 0.103 0.241 united for C&E	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 D reuse as ar	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri	0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ing material. 2011 A N/A	0.082 0.082 0.082 0.322 0.066 0.246 8D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert k	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to incineratific assuming all MSW and C&I recovery by 'Non-specialist inciner  3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Tropic (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Trantemen' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ITONIAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert landfill  1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' Coencery by 'No	2005 ation' 0.045 0.045 0.045 0.036 0.134 nert landfill. In the 4 39 61 30 70 2005 0.109 0.254 data supplied by ea	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250 0.010	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	0.056 0.056 0.219 0.045 0.167 ons developed 0.103 0.241 unted for C&E 2008 0.103 0.241 0.008 0.103 0.241	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri 2010 A N/	0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241 2012 N/A	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 0.001	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022	0.114 0.114 0.150 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023	0.118 0.118 0.18 0.464 0.094 0.354 2018 0.094 0.220 2018 A N//	0.122 0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 /A N/	0.123 0.123 0.123 0.483 0.098 0.368 0.368 0.368 2022 0.087 0.203	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N/A	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and CS residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 1 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total CSI reused on landfill sites  1) CSD reused on landfill sites  1) CSD reused on landfill sites sent to 'non-hazardous landfill'  Total CSD reused on landfill sites sent to 'non-hazardous landfill'  Total CSD reused on landfill sites sent to 'non-hazardous landfill'  Total CSD reuse on inert landfill'  Total CSD reuse on inert landfill'  Total CSD reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that TOTAL MSW AND CSI RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and CSI recides and compositing residue sent to hazardous landfill and CSI recovery capacity)  Total MSW and CSI residue sent to hazardous landfill assumption does not total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' Cotal MSW and CSI residue sent to hazardous landfill assumption total recovery by 'Non-specialist incinera	2005 2005 2006 2007 2007 2007 2007 2007 2007 2007	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250 och sub-regid	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio	0.056 0.056 0.219 0.045 0.167 ns developed 0.103 0.241 unted for C&L 2008	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri 2010 A N/	0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 2011	0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200	0.123 0.123 0.483 0.098 0.368 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (1) Total MSW and C&I residue sent to inch landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Trantemit' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Trantemit' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 100NAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill in not included within the charts because it has been assumed that TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recycling and compositing residue sent to hazardous landfill assuming all MSW and C&I recycling and compositing residue sent to hazardous landfill assuming all MSW and C&I recycling and composi	2005 ation' 0.045 0.045 0.045 0.036 0.134 Inert landfill. In the 4 30 61 30 70 2005 0.109 0.254 data supplied by ea 2005 N/A 2005 0.009	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250 htch sub-regide 2006 0.010	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	2008 0.103 0.219 0.045 0.167 0.167 0.167 0.241 0.241 0.241 0.241 0.241 0.008	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri 2010 A N/	2011 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A 2011 0.015	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241 N/A 2012 0.016 0.000	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 0.105 0.246	2014 0.107 0.250 2014 0.107 0.250	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 0.021 0.021	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022 0.002	0.114 0.114 0.150 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023 0.000	0.118 0.118 0.18 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N// 2018 0.024	0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209 2019 0.020 0.020	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 A N.	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 VA N/ 2021 0.025 0.000	0.123 0.123 0.123 0.483 0.098 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N/A	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 1 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total Community (based on the story of the story of the story capacity)  SCENARIO 1 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that Total reused C&D on inert landfill'  Total MSW and C&I recivery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumption on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on tot	2005 ation' 0.045 0.045 0.045 0.036 0.134 nert landfill. In the 4 39 61 30 70 2005 0.109 0.254 data supplied by ea	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250 0.010	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	0.056 0.056 0.219 0.045 0.167 ons developed 0.103 0.241 unted for C&E 2008 0.103 0.241 0.008 0.103 0.241	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri 2010 A N/	0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241 2012 N/A	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert la 2014 0.107 0.250	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 0.001	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022	0.114 0.114 0.150 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023	0.118 0.118 0.18 0.464 0.094 0.354 2018 0.094 0.220 2018 A N//	0.122 0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 /A N/	0.123 0.123 0.123 0.483 0.098 0.368 0.368 0.368 2022 0.087 0.203	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N/A	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tratment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  I) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inconverse of the sent of the	2005 ation' 0.045 0.045 0.045 0.036 0.134 inert landfill. In the 4 39 61 30 70 2005 0.109 0.254 data supplied by ea 2005 N/A 2005 0.000 0.000	0.048 0.048 0.190 0.039 0.145 original model % % % % 2006 0.107 0.250 high sub-regional sub-regi	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	2008 0.219 0.045 0.167 0.167 0.167 0.107 0.208 0.103 0.241 0.008 0.101 0.000 0.000	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A 2009 0.000	0.065 0.065 0.255 0.052 0.194 was assum  2010 0.100 0.233 an engineeri 2010 A N/ 2010 0.013 0.000 0.000	2011 0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A 2011 0.000 0.000	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241 N/A 2012 0.016 0.000	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 A N// 2013 0.010 0.000 0.000	2014 0.107 0.250 2014 0.107 0.250	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 2015 0.021 0.000	0.111 0.111 0.436 0.089 0.333  2016 0.104 0.243  2016 0.022 0.000 0.000	0.114 0.114 0.150 0.092 0.343 0.099 0.232 2017 0.099 0.232 2017 0.023 0.000 0.000	0.118 0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N// 2018 0.024 0.000	0.122 0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209 2019 0.020 0.020 0.000	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000	0.123 0.123 0.123 0.483 0.098 0.368 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000 0.000	0.121 0.121 0.477 0.097 0.364  2023 0.088 0.206  2023 A N// 2023 0.024 0.000 0.000	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 0.0224 0.000 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  1) Catal MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  1) Cabl reused on landfill sites sent to non-hazardous landfill  1) Cabl reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reuse on inert landfill  1) C&D reuse on inert landfill  1) C&D reuse on inert and non-hazardous landfill sont included within the charts because it has been assumed that IOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumption total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' IOTAL MSW	2005 ation' 0.045 0.045 0.045 0.036 0.134 Inert landfill. In the 4 30 61 30 70 2005 0.109 0.254 data supplied by ea 2005 N/A 2005 0.009	0.048 0.048 0.190 0.039 0.145 original model % % % 2006 0.107 0.250 htch sub-regide 2006 0.010	0.052 0.052 0.052 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	2008 0.103 0.219 0.045 0.167 0.167 0.167 0.241 0.241 0.241 0.241 0.241 0.008	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A	0.065 0.065 0.255 0.052 0.194 was assum 2010 0.100 0.233 an engineeri 2010 A N/	2011 0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A 2011 0.000 0.000	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241 N/A 2012 0.016 0.000	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 0.105 0.246	2014 0.107 0.250 2014 0.107 0.250	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 0.021 0.021	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022 0.002	0.114 0.114 0.150 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023 0.000	0.118 0.118 0.18 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N// 2018 0.024	0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209 2019 0.020 0.020	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 A N.	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 VA N/ 2021 0.025 0.000	0.123 0.123 0.123 0.483 0.098 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000	0.121 0.121 0.477 0.097 0.364  2023 0.088 0.206  2023 A N// 2023 0.024 0.000 0.000	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 N// 2024 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tratment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  I) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inconverse of the sent of the	2005 ation' 0.045 0.045 0.045 0.036 0.134 inert landfill. In the 4 inert landfill. In the 4 2005 0.109 0.254 data supplied by ea 2005 N/A 2005 0.000 0.000 0.000	0.048 0.048 0.190 0.039 0.145 0riginal model % % % % 2006 0.107 0.250 htch sub-regid	2007 0.105 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	2008 0.219 0.045 0.167 0.167 0.167 0.103 0.241 0.008 0.103 0.241 0.008 0.101 0.000 0.000 0.019	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A 2009 0.000	0.065 0.065 0.255 0.052 0.194 was assum  2010 0.100 0.233 an engineeri 2010 A N/ 2010 0.013 0.000 0.000	2011 0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A 2011 0.000 0.000	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241 N/A 2012 0.016 0.000	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 A N// 2013 0.018 0.000 0.000	2014 0.107 0.250 2014 0.107 0.250	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 2015 0.021 0.000	0.111 0.111 0.436 0.089 0.333  2016 0.104 0.243  2016 0.022 0.000 0.000	0.114 0.114 0.150 0.092 0.343 0.099 0.232 2017 0.099 0.232 2017 0.023 0.000 0.000	0.118 0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N// 2018 0.024 0.000	0.122 0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209 2019 0.020 0.020 0.000	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000	0.123 0.123 0.123 0.483 0.098 0.368 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000 0.000	0.121 0.121 0.477 0.097 0.364  2023 0.088 0.206  2023 A N// 2023 0.024 0.000 0.000	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 0.0224 0.000 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) CD reused on landfill sites sent to 'non-hazardous landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (4) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (6) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (8) C&D reused on landfill sites sent to 'non-hazardous landfill' (9) C&D reused on landfill sites sent to 'non-hazardous landfill' (10) C&D reused on landfill sites sent to 'non-hazardous landfill' (11) C&D reused on landfill sites sent to 'non-hazardous landfill' (12) C&D reused on landfill sites sent to 'non-hazardous landfill' (13) C&D reused on landfill sites sent to 'n	2005 ation' 0.045 0.045 0.045 0.0176 0.036 0.134 inert landfill. In the v 2005 0.109 0.254 data supplied by ea 2005 N/A 2005 0.000 0.000 0.000 0.015	0.048 0.048 0.190 0.039 0.145 0riginal model % % % % 2006 0.107 0.250 htch sub-regid	2007 0.105 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	2008 0.219 0.045 0.167 0.167 0.167 0.103 0.241 0.008 0.103 0.241 0.008 0.101 0.000 0.000 0.019	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A 2009 0.000	0.065 0.065 0.255 0.052 0.194 was assum  2010 0.100 0.233 an engineeri 2010 A N/ 2010 0.013 0.000 0.000	2011 0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A 2011 0.000 0.000	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241 N/A 2012 0.016 0.000	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 A N// 2013 0.018 0.000 0.000	2014 0.107 0.250 2014 0.107 0.250	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 2015 0.021 0.000	0.111 0.111 0.436 0.089 0.333  2016 0.104 0.243  2016 0.022 0.000 0.000	0.114 0.114 0.150 0.092 0.343 0.099 0.232 2017 0.099 0.232 2017 0.023 0.000 0.000	0.118 0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N// 2018 0.024 0.000	0.122 0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209 2019 0.020 0.020 0.000	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000	0.123 0.123 0.123 0.483 0.098 0.368 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000 0.000	0.121 0.121 0.477 0.097 0.364  2023 0.088 0.206  2023 A N// 2023 0.024 0.000 0.000	0.120 0.120 0.120 0.471 0.096 0.369 0.369 2024 0.090 0.209 2024 0.024 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist inciner (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 'TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill (1) C&D reused C&D on inert landfill  Total reused C&D on inert landfill (1) C&D reused C&D on inert landfill  Total reused C&D on inert landfill in return to the control of the con	2005 ation' 0.045 0.045 0.045 0.0176 0.036 0.134 inert landfill. In the v 2005 0.109 0.254 data supplied by ea 2005 N/A 2005 0.000 0.000 0.000 0.015	0.048 0.048 0.190 0.039 0.145 0riginal model % % % % 2006 0.107 0.250 htch sub-regid	2007 0.105 0.204 0.042 0.156 el assumptio 2007 0.105 0.246 on has accou	2008 0.219 0.045 0.167 0.167 0.167 0.103 0.241 0.008 0.103 0.241 0.008 0.101 0.000 0.000 0.019	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 O reuse as ar 2009 A N/A 2009 0.000	0.065 0.065 0.255 0.052 0.194 was assum  2010 0.100 0.233 an engineeri 2010 A N/ 2010 0.013 0.000 0.000	2011 0.073 0.073 0.073 0.288 0.059 0.220 ed to go to C. 2011 0.102 0.237 ng material. 2011 A N/A 2011 0.000 0.000	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241 N/A 2012 0.016 0.000	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 A N// 2013 0.018 0.000 0.000	2014 0.107 0.250 2014 0.107 0.250	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 2015 0.021 0.000	0.111 0.111 0.436 0.089 0.333  2016 0.104 0.243  2016 0.022 0.000 0.000	0.114 0.114 0.150 0.092 0.343 0.099 0.232 2017 0.099 0.232 2017 0.023 0.000 0.000	0.118 0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N// 2018 0.024 0.000	0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209 2019 0.020 0.020 0.000 0.000	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000	0.123 0.123 0.123 0.483 0.098 0.368 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000 0.000	0.121 0.121 0.477 0.097 0.364  2023 0.088 0.206  2023 A N// 2023 0.024 0.000 0.000	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 0.0224 0.000 0.000 0.000

#### Kent



Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.
NOTE: The original MEL model assumes that 'NSW recovery' capacity is incineration - but this is not made explicit.

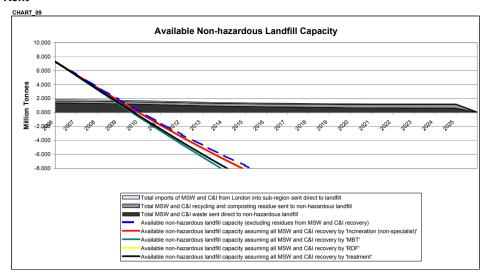


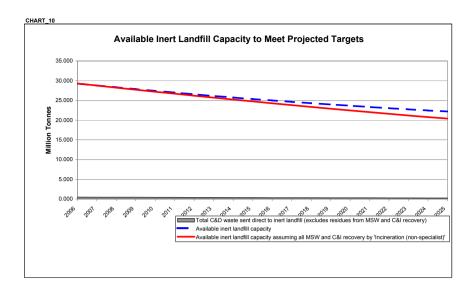


Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)

NOTE: This capacity does not represent the quantity of material that is recycled and composted.

### Kent





#### SUMMARY DATA AND RESULTS FOR KENT

	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
1SW	VASTE USED TO GENERATE RESULTS (MIIIIOTI TOTTIES)		0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219	
	s from london that are sent direct to non-hazardous landfill		0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	
&i			1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558	
&I - imports fi &d	from london that are sent direct to non-hazardous landfill		0.131 2.600	0.128 2.600	0.125 2.600	0.121 2.600	0.118 2.600	0.111 2.600	0.105 2.600	0.098 2.600	0.092 2.600	0.085 2.600	0.081 2.600	0.078 2.600	0.074 2.600	0.071 2.600	0.067 2.600	0.066 2.600	0.064 2.600	0.062 2.600	0.061 2.600	
azardous			0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	
ara a a a a a a a a a a a a a a a a a a			0.100	0.111	0.110	0.110	0.110	0.122	0.121	0.120	0.120	0.102	0.101	0.100	0.100	0.110	0.112	0.110	0.110	0.110	0.110	
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	LATS shortfall (how much extra is landfilled above LATS target)		-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001 0.719	
	Recycling and composting target		0.280 0.056	0.305 0.070	0.331 0.085	0.358	0.405	0.439	0.473 0.180	0.506	0.523	0.541	0.558	0.576	0.594 0.296	0.612	0.632	0.653		0.697 0.307	0.719	,
	Recovery target Non-hazardous landfill		0.056	0.070	0.065	0.100 0.484	0.122	0.151	0.160	0.211	0.235 0.287	0.260 0.265	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	
	Recycling and composting target		0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637	
	Recovery target		0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	
	Non-hazardous landfill		0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425	
	Recycling target		1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	
	Recovery target Inert landfill		0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749 0.291	0.759 0.281	0.770	
	Hazardous waste		0.108	0.473	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143		0.146	0.148	
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	nodel assumer	s that this e	extra waste	is recycled/c	composted	and recover		me ratio as t			ecycling/co	mposting a		for that ye	ar.						
VIOTINO	ANNUED CARACITY FOR RECOVERY AND LANDER AND LANDERS AND TOTAL WASTE TOWN OF TO EACH RICHARD																					
KISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (I	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
SW and C&I	al recovery		2000	2001	2000	2000	2010	2011	2012	2010	2017	2010	2010	2011	2010	2010	2020	2021	2022	2023	2024	
	Total existing/planned MSW and C&I recovery capacity		0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	) (
	Surplus/deficit capacity		0.457	0.433	0.408	0.381	0.348	0.292	0.233	0.173	0.119	0.063	0.040	0.016	-0.008	-0.033	-0.058	-0.049	-0.040	-0.030	-0.019	) -(
SW and C&I	I recycling and composting		4 477	4 477	4 477	4 477	4 477		4 477	4 477		4 477		4 477	4 477	4 477	4 477		4 477	4 477	4 477	
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.748	0.028	-0.058	-0.149	-0.261	-0.337	-0.413	-0.491	-0.554	-0.619	-0.678	-0.739	-0.800	-0.863	-0.929	-0.990	-1.052	-1.115	-1.179	
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.318	-0.401	-0.488	-0.578	-0.691	-0.766	-0.842	-0.920	-0.983	-1.048	-1.107	-1.168	-1.229	-1.292	-1.358	-1.419	-1.481	-1.544	-1.608	3 -1
D recycling	g																					
	Total existing/planned C&D recycling capacity		0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	
	Surplus/deficit capacity		-1.031	-1.057	-1.083	-1.109	-1.135	-1.135	-1.135	-1.135	-1.135	-1.135	-1.187	-1.239	-1.291	-1.343	-1.395	-1.395	-1.395	-1.395	-1.395	-1
recovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	3 1
	Surplus/deficit capacity		0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492		0.513	
	Saste recycling		0.010	0.000	0.700	0.010	0.002	0.000	0.020	0.100	0.100	0.120	0.100	0.110	0.101	0.101	0.111	0.102	0.102	0.000	0.010	
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	) (
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	aste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	) (
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	
n-hazardou						1671	1471	1471	1471	1477	14// (	1071	1071	14071	1471	1071	1471	14071			1477	•
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		7.275	5.444	3.641	1.870	0.131	-1.549	-3.161	-4.701	-6.169	-7.583	-8.943	-10.279	-11.592	-12.879	-14.141	-15.374	-16.604	-17.831	-19.056	-20
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		7.275	5.396	3.541	1.714	-0.084	-1.830	-3.514	-5.136	-6.695	-8.209	-9.676	-11.123	-12.550	-13.955	-15.339	-16.697	-18.052	-19.402	-20.748	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		7.275	5.254	3.247	1.256	-0.717	-2.652	-4.551	-6.414	-8.239	-10.043	-11.826	-13.598	-15.361	-17.112	-18.853	-20.580	-22.299	-24.010	-25.712	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		7.275 7.275	5.405 5.299	3.561 3.341	1.745 1.402	-0.041 -0.516	-1.774 -2.391	-3.443 -4.221	-5.049 -6.007	-6.590 -7.748	-8.084 -9.460	-9.529 -11.142	-10.954 -12.811	-12.358 -14.466	-13.740 -16.108	-15.099 -17.735	-16.433 -19.345	-17.762 -20.948	-19.088 -22.544	-20.410 -24.132	
t landfill	Available hori-riazardous randini capacity assuming an wisyv and Car recovery by treatment		1.215	3.299	3.341	1.402	-0.510	-2.391	-4.221	-0.007	-1.140	-9.400	-11.142	-12.011	-14.400	-10.100	-17.733	-13.343		*22.344	*24.132	-20
	Available inert landfill capacity		29.297	28.813	28.340			00 000	00 557	00 440		05.074										
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'					27.877	27.425	26.983	26.557	26.146	25.751	25.371	25.007	24.653	24.310	23.977	23.655	23.343	23.041	22.750	22.469	22
zardous lan	ndfill		29.297	28.765	28.240	27.877	27.425 27.209	26.702	26.203	25.710 25.710	25.751 25.224	24.745	25.007 24.274	24.653 23.810	24.310 23.352	23.977 22.901	23.655 22.457	23.343 22.019	23.041 21.593	22.750 21.179	22.469 20.777	
				28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	2
	Available hazardous landfill capacity		3.309																			2
				28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20
	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.	2005		28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20
TA_01: AR	Available hazardous landfill capacity		3.309	28.765 3.309 2007	28.240 3.309 2008	27.721 3.309 2009	3.309 2010	26.702 3.309 2011	3.309	25.710 3.309 2013	25.224 3.309 2014	24.745 3.309	24.274 3.309 2016	23.810 3.309 2017	23.352 3.309 2018	22.901 3.309 2019	22.457 3.309 2020	3.309	21.593 3.309	21.179 3.309 2023	3.309 2024	20
TA_01: AR v	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)	3.0%	3.309 2006 2.5%	28.765 3.309 2007 2.5%	28.240 3.309 2008 2.5%	27.721 3.309 2009 2.5%	27.209 3.309 2010 2.5%	26.702 3.309 2011 2.0%	26.203 3.309 2012 2.0%	25.710 3.309 2013 2.0%	25.224 3.309 2014 2.0%	24.745 3.309 2015 2.0%	24.274 3.309 2016 1.5%	23.810 3.309 2017 1.5%	23.352 3.309 2018 1.5%	22.901 3.309 2019 1.5%	22.457 3.309 2020 1.5%	22.019 3.309 2021 1.5%	21.593 3.309 2022 1.5%	21.179 3.309 2023 1.5%	20.777 3.309 2024 1.5%	20
TA_01: AR v (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste. RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 109%	3.309 2006 2.5% 112%	28.765 3.309 2007 2.5% 115%	28.240 3.309 2008 2.5% 118%	27.721 3.309 2009 2.5% 121%	27.209 3.309 2010 2.5% 124%	26.702 3.309 2011 2.0% 126%	26.203 3.309 2012 2.0% 129%	25.710 3.309 2013 2.0% 131%	25.224 3.309 2014 2.0% 134%	24.745 3.309 2015 2.0% 136%	24.274 3.309 2016 1.5% 139%	23.810 3.309 2017 1.5% 141%	23.352 3.309 2018 1.5% 143%	22.901 3.309 2019 1.5% 145%	22.457 3.309 2020 1.5% 147%	22.019 3.309 2021 1.5% 149%	21.593 3.309 2022 1.5% 151%	21.179 3.309 2023 1.5% 154%	20.777 3.309 2024 1.5% 156%	2
(1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - cumulative (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0%	3.309 2006 2.5%	28.765 3.309 2007 2.5%	28.240 3.309 2008 2.5%	27.721 3.309 2009 2.5%	27.209 3.309 2010 2.5%	26.702 3.309 2011 2.0%	26.203 3.309 2012 2.0%	25.710 3.309 2013 2.0%	25.224 3.309 2014 2.0%	24.745 3.309 2015 2.0%	24.274 3.309 2016 1.5%	23.810 3.309 2017 1.5%	23.352 3.309 2018 1.5%	22.901 3.309 2019 1.5%	22.457 3.309 2020 1.5%	22.019 3.309 2021 1.5%	21.593 3.309 2022 1.5%	21.179 3.309 2023 1.5%	20.777 3.309 2024 1.5%	2
(1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - ye year (%)	3.0% 109% 0.853 3.0%	3.309 2006 2.5% 112% 0.875 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0%	25.224 3.309 2014 2.0% 134% 1.045 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5%	21.593 3.309 2022 1.5% 151% 1.183 1.5%	21.179 3.309 2023 1.5% 154% 1.201 1.5%	20.777 3.309 2024 1.5% 156% 1.219 1.5%	2
(1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - cumulative (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0% 109%	3.309 2006 2.5% 112%	28.765 3.309 2007 2.5% 115%	28.240 3.309 2008 2.5% 118%	27.721 3.309 2009 2.5% 121%	27.209 3.309 2010 2.5% 124%	26.702 3.309 2011 2.0% 126%	26.203 3.309 2012 2.0% 129%	25.710 3.309 2013 2.0% 131%	25.224 3.309 2014 2.0% 134%	24.745 3.309 2015 2.0% 136%	24.274 3.309 2016 1.5% 139%	23.810 3.309 2017 1.5% 141%	23.352 3.309 2018 1.5% 143%	22.901 3.309 2019 1.5% 145%	22.457 3.309 2020 1.5% 147%	22.019 3.309 2021 1.5% 149%	21.593 3.309 2022 1.5% 151%	21.179 3.309 2023 1.5% 154%	20.777 3.309 2024 1.5% 156%	2
(1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast segional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)	3.0% 109% 0.853 3.0% 110%	3.309 2006 2.5% 112% 0.875 2.5% 113%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151%	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 156%	
(1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993	26.203 3.309 2012 2.0% 1.29% 1.005 2.0% 130% 1.012	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129	22.457 3.309 2020 1.5% 1.148 1.5% 1.146	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1519 1.181	21.179 3.309 2023 1.5% 1.54% 1.201 1.5% 153% 1.198	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216	
(1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year   Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - per year (%)   Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 1.012 2.0% 1.26%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 1.053 2.0% 131%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129	22.457 3.309 2020 1.5% 147% 1.148 147% 1.146	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149%	
(1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year , Forecast regional level growth rate of MSW - per year (%) , Forecast regional level growth rate of MSW - work of the control	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 1.21% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016	27.209  3.309  2010  2.5% 124% 0.966 2.5% 0.973  2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 2.0% 2.0% 2.05	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.2% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 1.39% 2.386	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1518 1.181 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.3% 1.198 1.0% 2.532	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.0% 1.216 1.0% 2.558	2
(1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016 2.5%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0%	26.203 3.309 2012 2.0% 129% 1.005 130% 1.012 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128% 2.193 2.0%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 14129 1.5% 141% 2.422 1.5%	22.457 3.309 2020 1.5% 1.148 1.5% 1.146 1.5% 2.458 1.5%	22.019 3.309 2021 1.5% 149% 1.163 1.0% 145% 2.483 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0%	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0%	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.216 1.216 1.216 1.216	2
(1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - per year (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast stepional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016	27.209  3.309  2010  2.5% 124% 0.966 2.5% 0.973  2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 2.0% 2.0% 2.05	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.2% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 1.39% 2.386	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1518 1.181 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.3% 1.198 1.0% 2.532	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.0% 1.216 1.0% 2.558	
(1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5% 112% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 1.997 2.5% 1.967 2.5% 1.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016 2.5% 118%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.55% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.09 123%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 1.033 2.0% 128% 2.193 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37% 2.351 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 1.44% 1.123 1.5% 1.39% 2.386 1.5% 1.39%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422 1.5% 141%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 144% 2.458 1.5% 144%	22.019 3.309 2021 1.5% 149% 1.163 1.0% 145% 2.483 1.0% 145%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0%	
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth progenized growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional growth forecasts  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using very perional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional growth growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.55% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.518% 2.016 2.5% 118% 2.016	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121% 2.067 2.5% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0%	26.203 3.309 2012 2.0% 129% 1.005 1.005 1.006 1.012 2.0% 1.26% 2.150 2.0% 2.150 2.0% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 2.193 2.0% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 1237 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 2.316 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 2.386 1.5% 1.39% 2.386 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.47% 1.46 1.44% 2.458 1.5% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 2.483 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 2.558 1.0% 2.558	3
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Total arisings of MSW using sub-regional growth forecasts   Arisings of C&I in baseline year   Forecast regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109% 1.872 2.5% 109% 1.872 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5% 1129 1.919 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 115% 1.967 1.967 2.5% 115% 1.967 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 118% 2.5% 118% 2.016 2.5% 118% 2.18%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.5% 121% 2.067 2.5% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 130% 1.012 2.0% 126% 2.150 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 1.033 2.0% 1.28% 2.193 2.0% 1.28% 2.193 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.37	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 137% 2.351 1.5% 137% 2.351 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 2.386 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.429 1.5% 1411% 2.422 1.5% 1411%	22.457 3.309 2020 1.5% 1.47% 1.148 1.5% 1.47% 1.146 1.5% 1.44% 2.458 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 2.483 1.0% 145% 2.483 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0% 148%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 1.49% 2.558 1.0% 1.49% 2.558 1.0% 1.49% 1.49% 1.49%	
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of C.81 - cumulative (%) Total arisings of C.81 using regional growth forecasts Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast sub-regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of C.81 - per year (%) Forecast regional level growth rate of bazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 1.872 0.9% 0.108	28.765 3.309 2007 2.5% 115% 0.997 112% 1.919 2.5% 1129% 1.919 2.5% 1.919 0.904 0.9111	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1.22% 0.949 2.5% 118% 2.016 2.5% 118% 2.016 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.91 2.5% 121% 2.067 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123% 2.108	20.203 3.309 2012 2.0% 129% 1.005 130% 1.005 2.0% 126% 2.150 2.0% 2.150 2.0% 126% 2.150 2.0% 126% 0.124	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.193	25.224 3.309 2014 2.0% 134% 1.045 1.053 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 2.351 1.5% 2.351 1.5% 2.351 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 144% 2.458 1.5% 144% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.463 1.0% 2.483 1.0% 2.483 1.0% 0.143	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.198 1.198 1.0% 2.532 1.0% 4.48% 2.532	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148	3
(1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 0.105 3.3%	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 0.108 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 116% 112% 112% 1129 1.919 2.55% 112% 0.111 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 119% 115% 115% 115% 1.967 2.5% 115% 0.113 2.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1122% 0.949 2.5% 118% 2.016 2.5% 118% 0.116 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 121% 2.5% 121% 2.19% 2.19% 2.19% 2.5% 121% 2.5% 121% 2.5%	26.702 3.309 2011 2.0% 126% 0.985 127% 0.993 2.0% 123% 2.108 2.096 123% 2.108 2.096 123% 0.123% 0.122 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0% 126% 2.150 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.193	25.224 3.309 2014 2.0% 134% 1.045 135% 1.053 2.0% 131% 2.237 2.0% 131% 0.129 2.0% 131% 0.229	24.745 3.309 2015 2.0% 136% 1.066 1.066 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133% 0.132 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 1.090 1.5% 135% 2.316 1.5% 135% 0.134 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37% 2.351 1.5% 137% 0.136 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 1.44% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5%	22.901 3.309 2019 1.5% 145% 1.139 1.5% 141% 2.422 1.5% 141% 0.140 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147% 1.146 2.458 1.5% 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 145% 0.143 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507 1.0% 146% 0.145	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.398 1.0% 148% 2.532 2.532 1.0% 148% 0.146 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	2
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast stepional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 1.872 0.9% 0.108	28.765 3.309 2007 2.5% 115% 0.997 112% 1.919 2.5% 1129% 1.919 2.5% 1.919 0.904 0.9111	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1.22% 0.949 2.5% 118% 2.016 2.5% 118% 2.016 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.91 2.5% 121% 2.067 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 126% 127% 0.985 2.0% 123% 2.108 2.0% 123% 2.108 2.0% 123% 2.108	20.203 3.309 2012 2.0% 129% 1.005 130% 1.005 2.0% 126% 2.150 2.0% 2.150 2.0% 126% 2.150 2.0% 126% 0.124	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.023 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 2.351 1.5% 2.351 1.5% 2.351 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.45% 2.483 1.0% 145% 2.483 1.0% 1.0% 1.16% 1	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.198 1.198 1.0% 2.532 1.0% 4.48% 2.532	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148	2
(1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 0.90% 1.872 2.5% 0.108 2.5% 0.108	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.55% 118% 2.016 2.5% 118% 0.116 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 127% 0.993 2.0% 123% 2.108 2.096 123% 2.108 2.096 123% 0.123% 0.122 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.005 2.0% 126% 2.150 2.0% 126% 0.124 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.193	25.224 3.309 2014 2.0% 134% 1.045 135% 1.053 2.0% 131% 2.237 2.0% 131% 0.129 2.0% 131% 0.229	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133%	24.274  3.309  2016  1.5% 139% 1.082 1.5% 140% 1.090  1.5% 135% 2.316  1.5% 0.134 1.5% 135% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 0.136 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147% 1.146 2.458 1.5% 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 145% 0.143 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0% 1.48% 0.146 1.0% 1.48%	20.777 3.309 2024 1.5% 156% 1518 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	21 21 21 21 21 21 21 21 21 21 21 21 21 2
(1) (1) (1) (1) (1) (2) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth processes  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using abush forecasts  Arisings of hazardous waste in baseline year Forecast regional level growth rate of Asi - cumulative (%)  Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 0.90% 1.872 2.5% 0.108 2.5% 0.108	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.55% 118% 2.016 2.5% 118% 0.116 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 126% 127% 0.985 2.0% 123% 2.108 2.0% 123% 2.108 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.005 2.0% 126% 2.150 2.0% 126% 0.124 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.023 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133%	24.274  3.309  2016  1.5% 139% 1.082 1.5% 140% 1.090  1.5% 135% 2.316  1.5% 0.134 1.5% 135% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 0.136 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.45% 2.483 1.0% 145% 2.483 1.0% 1.0% 1.16% 1	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0% 1.48% 0.146 1.0% 1.48%	20.777 3.309 2024 1.5% 156% 1518 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	2
(1) (1) (1) (1) (1) (1) (2) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.8I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - regional growth forecasts  Total arisings of MSW using usb-regional growth forecasts  Arisings of C.8I in baseline year Forecast sub-regional level growth rate of C.8I - per year (%) Forecast regional level growth rate of C.8I - cumulative (%) Total arisings of C.8I using regional growth forecasts  Forecast sub-regional level growth rate of C.8I - per year (%) Forecast sub-regional level growth rate of C.8I - cumulative (%) Total arisings of C.8I using regional growth forecasts  Forecast sub-regional level growth rate of C.8I - per year (%) Forecast sub-regional level growth rate of C.8I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105	3.309 2006 2.5% 112% 0.875 113% 0.885 109% 1.872 2.5% 109% 1.872 2.5% 109% 1.872 1.99% 1.872 1.99% 1.99% 1.99% 1.99% 1.99% 1.90% 1.9	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1199 2.5% 11919 2.5% 112% 1.919 2.5% 112% 0.111 2.5% 0.1112 5.01	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 1.967 2.5% 1.967 2.5% 1.15% 0.113 2.5% 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 118% 2.016 2.5% 118% 2.016 2.5% 118% 0.116 2.5% 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 2.067 2.5% 2.067 2.5% 2.11% 2.067 2.5% 1219% 0.119	26.702 3.309 2011 2.0% 1.26% 0.985 2.0% 1.27% 0.993 2.0% 2.108 2.0% 2.108 2.0% 1.23% 0.122 2.0% 1.23% 0.122	20.203 3.309 2012 2.0% 129% 1.005 2.0% 1.012 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150 2.0% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.025 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 0.126	2014 2.0% 134% 1.045 2.0% 1.053 2.0% 1.053 2.0% 1.31% 2.237 2.0% 1.31% 2.237 2.0% 1.31% 2.237 2.0% 1.31% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282 2.0% 133% 0.132	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 1.5% 135% 0.134 1.5% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 2.351 1.5% 137% 0.136	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 1.5% 144% 2.458 1.5% 144% 0.142	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.163 1.0% 2.483 1.0% 2.483 1.0% 0.143 1.0% 0.143	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 0.145 0.145	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 4.48% 2.532 1.0% 4.48% 0.146 0.146	20.777 3.309 2024 1.5% 156% 1.219 1.5% 156% 1.216 1.0% 149% 2.558 1.0% 149% 0.148 1.0% 0.148	20 20 30 30 30 30 30 30 30 30 30 30 30 30 30

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

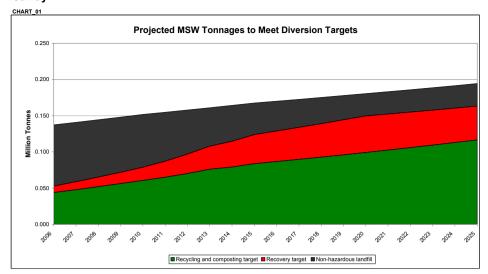
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

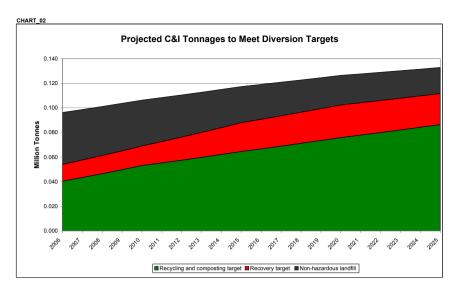
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.017	0.017	0.016	0.016	0.015	0.015	0.014	0.013	0.012	0.012	0.011	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	59%	59%	59%	59%	60%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	41%	41%	41%	41%	40%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003

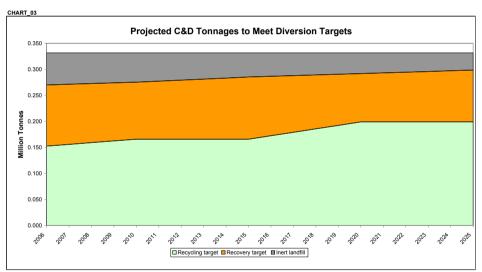
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

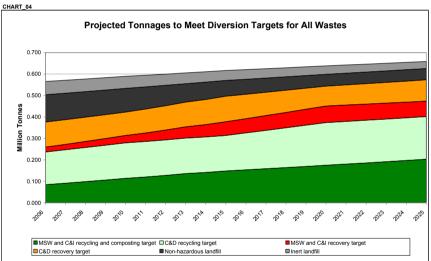
	Note: Only a ligare to drainable for total combined imports of most and our waste.	o madic direc	01 111011	and our w	ao opiit aooo	rung to ton	mage anom	90 01 111011	una oan iin	and dub rogi	O11.											
DATA 03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	· · ·	0.134	0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191	0.194
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004
c&i		0.094	0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132	0.133
c&I - impor	s from london that are sent direct to non-hazardous landfill	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
c&d		0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
hazardous		0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022
	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.081	0.078	0.074	0.068	0.061	0.053	0.047	0.041	0.035	0.034	0.032	0.031	0.029	0.028	0.026	0.025	0.025	0.025	0.025	0.025	0.025
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
. 0 .	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0 17.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4 44.0	14.6	14.8 48.0	15	16.0		18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	34.8	46.0	33.6	50	51.0	52.0 34.2	53.0	54.0	55	56.0	57.0 32.8	58.0	59.0 29.6	60	61.0	62.0 28.8	63.0 29.2	64.0 29.6	65
c&d	recovered (%) recycled (%)	36 45	35.4 46.0	34.8 47.0	34.2 48.0	33.6 49.0	33 50	33.6 50.0	50.0	34.8 50.0	35.4 50.0	36 50	34.4 52.0	32.8 54.0	31.2 56.0	29.6 58.0	28 60	28.4 60.0	28.8 60.0	60.0	60.0	30
h	landfill (%)	N/A	46.0 N/A	47.0 N/A	46.0 N/A	49.0 N/A	N/A	50.0 N/A	50.0 N/A	50.0 N/A	50.0 N/A	N/A	52.0 N/A	54.0 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
hazardous	recovered (%)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
		N/A N/A	N/A	N/A N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A
	recycled (%)	IN/A	IN/A	IN/A	IN/A	N/A	IN/A	N/A	N/A	IN/A	IN/A	IN/A	N/A	IN/A	N/A	IN/A	IN/A	IN/A	IN/A	N/A	IN/A	IN/A
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.047	0.053	0.059	0.065	0.072	0.079	0.087	0.096	0.105	0.114	0.124	0.129	0.134	0.139	0.144	0.150	0.152	0.155	0.158	0.160	0.163
	Total MSW not-diverted by targets	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.062	0.056	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.059	0.058	0.056	0.054	0.052	0.050	0.046	0.042	0.038	0.034	0.030	0.028	0.026	0.025	0.023	0.021	0.021	0.021	0.021	0.021	0.021
	LATS shortfall (how much extra is landfilled above LATS target)	-0.021	-0.020	-0.018	-0.014	-0.009	-0.003	-0.001	0.001	0.003	0.000	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.003	-0.003
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					

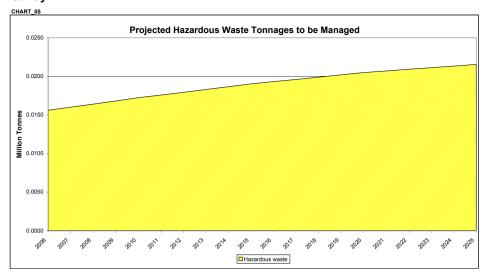
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.047	0.053	0.059	0.065	0.072	0.079	0.087	0.096	0.105	0.114	0.124	0.129	0.134	0.139	0.144	0.150	0.152	0.155	0.158	0.160	0.163
	Total MSW not-diverted by targets	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.062	0.056	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.059	0.058	0.056	0.054	0.052	0.050	0.046	0.042	0.038	0.034	0.030	0.028	0.026	0.025	0.023	0.021	0.021	0.021	0.021	0.021	0.021
	LATS shortfall (how much extra is landfilled above LATS target)	-0.021	-0.020	-0.018	-0.014	-0.009	-0.003	-0.001	0.001	0.003	0.000	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.003	-0.003
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.040	0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113	0.117
	Recovery target	0.007	0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048	0.047	0.047
	Non-hazardous landfill	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.061	0.053	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.038	0.040	0.043	0.047	0.050	0.053	0.055	0.058	0.060	0.062	0.065	0.067	0.069	0.071	0.074	0.076	0.078	0.080	0.082	0.084	0.086
	Recovery target	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.019	0.020	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.026	0.026	0.026	0.026	0.025
	Non-hazardous landfill	0.043	0.042	0.041	0.040	0.039	0.037	0.036	0.034	0.033	0.031	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.022	0.021
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.199
	Recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
	Inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022
DATA_06: T	OTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.078	0.084	0.091	0.099	0.106	0.114	0.120	0.128	0.136	0.141	0.148	0.153	0.159	0.164	0.169	0.175	0.180	0.186	0.191	0.197	0.203
	C&D recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.199
	MSW and C&I recovery target	0.020	0.022	0.025	0.028	0.031	0.034	0.040	0.046	0.052	0.057	0.064	0.066	0.069	0.072	0.074	0.077	0.076	0.075	0.074	0.073	0.072
	C&D recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
	Non-hazardous landfill	0.130	0.127	0.123	0.119	0.115	0.110	0.103	0.095	0.086	0.081	0.073	0.069	0.066	0.062	0.059	0.055	0.054	0.054	0.053	0.053	0.052
	Inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
	Hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022









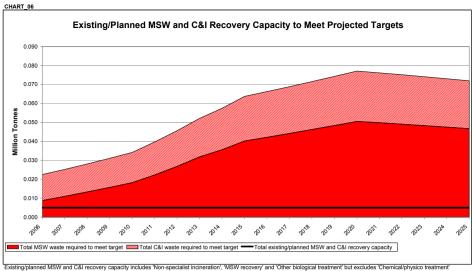


DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

ST. EXISTING! EXISTED ON ACT I TO RESTOLING, RECOVER! AND EXIST ELLING AND TOTAL WASTE TO INACCE TO EX	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery	2000	2000	2007	2000	2000	2010	LUII		2010	2011	2010	2010	2017	2010	2010	LULU	LULI	LULL			
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total existing/planned MSW and C&I recovery capacity	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total MSW waste required to meet target	0.007	0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048	0.047	0.047
Total C&I waste required to meet target	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.019	0.020	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.026	0.026	0.026	0.026	0.025
Surplus/deficit capacity	-0.015	-0.017	-0.020	-0.023	-0.026	-0.029	-0.035	-0.041	-0.047	-0.052	-0.059	-0.061	-0.064	-0.067	-0.069	-0.072	-0.071	-0.070	-0.069	-0.068	-0.067
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730	1.730
Total existing/planned composting capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087
Total MSW waste required to meet recycling and composting target	0.040	0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113	0.117
Total C&I waste required to meet recycling and composting target	0.038	0.040	0.043	0.047	0.050	0.053	0.055	0.058	0.060	0.062	0.065	0.067	0.069	0.071	0.074	0.076	0.078	0.080	0.082	0.084	0.086
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.268	0.262	0.255	0.248	0.240	0.232	0.226	0.218	0.210	0.205	0.198	0.193	0.187	0.182	0.177	0.171	0.166	0.160	0.155	0.149	0.143
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.009	0.002	-0.005	-0.012	-0.020	-0.027	-0.034	-0.041	-0.049	-0.055	-0.062	-0.067	-0.072	-0.077	-0.083	-0.089	-0.094	-0.099	-0.105	-0.111	-0.116
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.199
Surplus/deficit capacity	-0.149	-0.153	-0.156	-0.159	-0.162	-0.166	-0.166	-0.166	-0.166	-0.166	-0.166	-0.172	-0.179	-0.186	-0.192	-0.199	-0.199	-0.199	-0.199	-0.199	-0.199
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
Surplus/deficit capacity	1.758	1.676	1.595	1.514	1.432	1.351	1.328	1.305	1.282	1.259	1.236	1.210	1.184	1.158	1.133	1.107	1.126	1.146	1.165	1.185	1.204
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.475	0.304	0.135	-0.030	-0.193	-0.351	-0.503	-0.647	-0.782	-0.912	-1.035	-1.155	-1.272	-1.387	-1.500	-1.609	-1.719	-1.828	-1.938	-2.048
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.475	0.300	0.128	-0.042	-0.209	-0.372	-0.530	-0.681	-0.824	-0.963	-1.095	-1.225	-1.353	-1.478	-1.602	-1.723	-1.844	-1.965	-2.086	-2.207
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.475	0.290	0.107	-0.075	-0.256	-0.434	-0.610	-0.781	-0.947	-1.110	-1.270	-1.430	-1.588	-1.745	-1.901	-2.056	-2.210	-2.364	-2.518	-2.671
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.475	0.301	0.129	-0.039	-0.205	-0.368	-0.525	-0.674	-0.816	-0.953	-1.083	-1.211	-1.337	-1.460	-1.581	-1.700	-1.819	-1.937	-2.056	-2.175
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.475	0.293	0.114	-0.064	-0.241	-0.415	-0.584	-0.749	-0.908	-1.063	-1.215	-1.364	-1.513	-1.660	-1.806	-1.950	-2.094	-2.237	-2.380	-2.523
Total MSW and C&I waste sent direct to non-hazardous landfill		0.127	0.123	0.119	0.115	0.110	0.103	0.095	0.086	0.081	0.073	0.069	0.066	0.062	0.059	0.055	0.054	0.054	0.053	0.053	0.052
Inert landfill																					
Available inert landfill capacity		0.000	-0.062	-0.122	-0.181	-0.239	-0.295	-0.350	-0.402	-0.452	-0.501	-0.547	-0.592	-0.636	-0.678	-0.720	-0.759	-0.798	-0.835	-0.871	-0.905
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.065	-0.129	-0.192	-0.255	-0.316	-0.377	-0.436	-0.494	-0.551	-0.607	-0.662	-0.716	-0.769	-0.822	-0.873	-0.923	-0.971	-1.018	-1.064
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	N	I/A N	I/A N	/A N	/A N	/A N	/A N	I/A N	/A N	/A N	/A N	I/A N	/A N	A N	/A N	/A N	/A N	I/A N	I/A N	I/A N/	A
Other																					
Metal/ELV facility	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414
Ignored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

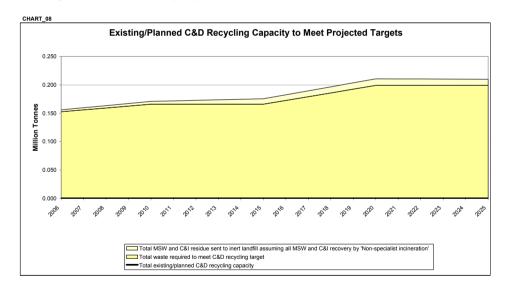
<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

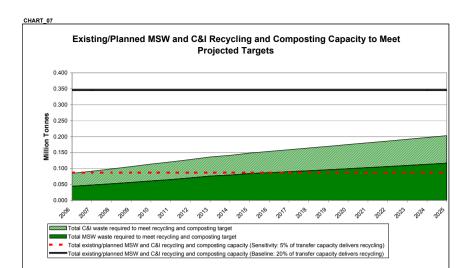
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT MSW and C&I to RDF	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complained	e with the self-suff	iciency requi	rements of F	PPS10.																
9: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):	0.000	0.007	0.000	0.000	0.000	0.040	0.040	0.014	0.046	0.047	0.010	0.000	0.004	0.004	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash	0.006 0.001	0.007	0.008	0.008	0.009	0.010	0.012	0.014	0.016	0.017	0.019	0.020	0.021	0.021	0.022	0.023	0.023	0.023	0.022	0.022
MSW and C&I to MBT	0.012	0.013	0.001	0.001	0.001	0.020	0.023	0.007	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
MSW and C&I to RDF	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009
MSW and C&I treatment - non-hazardous	0.009	0.010	0.011	0.013	0.014	0.015	0.018	0.021	0.023	0.026	0.029	0.030	0.031	0.032	0.033	0.035	0.034	0.034	0.033	0.033
MSW and C&I treatment - hazardous	0.001 N/A	0.001	0.001	0.001 /A N//	0.002	0.002 N/A	0.002	0.002	0.003 'A N/	0.003	0.003 A N/	0.003	0.003 A N/	0.004	0.004 A N	0.004	0.004 I/A N	0.004	0.004 /A N/	0.004 A N/A
Hazardous waste recovery  Recycling residues (of waste managed):	N/A	N/A N	/A N	/A N//	A N/A	A N/	A N/A	A N	A N/	A N/.	A N//	A N/	A N/	A N/	A N	/A N	/A N	A N	/A N/	A N/A
MSW and C&I recycling and composting	0.012	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.028	0.029	0.030
C&D recycling	0.015	0.015	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.019	0.019	0.020	0.020	0.020	0.020	0.020
Hazardous waste recycling	N/A	N/A N	/A N	/A N/	A N/A	N/A	A N/A	A N	A N/.	A N/.	4 N/	4 N/	4 N/	A N/	A N	/A N	/A N	/A N	/A N/	A N/A
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	2005 0.027	2006 0.028	2007 0.029	2008 0.031	0.032	2010 0.034	2011 0.035	2012 0.036	2013 0.037	2014 0.038	2015 0.039	2016 0.040	2017 0.042	2018 0.043	2019 0.045	2020 0.046	2021 0.047	2022 0.048	0.049	2024 0.049
: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (N		0000	0007	0000	0000	0040	0044	0040	2013	2014	0045	0040	2017	0040	0040	0000	0004	0000	0000	0004
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	ion' 0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.011	0.011	0.011	0.011
	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.011	0.011	0.011	0.011
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'															0.011	0.012	0.011	0.011		
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																				
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.012	0.013	0.015	0.017	0.018	0.020	0.023	0.027	0.031	0.034	0.038	0.039	0.041	0.042	0.044	0.045	0.045	0.044	0.044	0.043
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)	0.012			0.017										0.042	0.044	0.045	0.045	0.044	0.044	
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill		0.013	0.015		0.018	0.020	0.023	0.027	0.031	0.034	0.038	0.039	0.041							
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)	0.012			0.017										0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and G&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	0.012 0.002 0.009	0.003	0.003	0.017 0.003 0.013	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill	0.012 0.002 0.009	0.003	0.003	0.017 0.003 0.013	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.012 0.002 0.009 ert landfill. In the c	0.003 0.010 original mode	0.003	0.017 0.003 0.013	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine  **TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites	0.012 0.002 0.009 ert landfill. In the c	0.003 0.010 original mode	0.003	0.017 0.003 0.013	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.012 0.002 0.009 ert landfill. In the d 39 61 30	0.003 0.010 original mode % %	0.003	0.017 0.003 0.013	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (2) C&D reused on exempt sites	0.012 0.002 0.009 ert landfill. In the c	0.003 0.010 original mode % %	0.003	0.017 0.003 0.013	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.042	0.044	0.045	0.045	0.044	0.044	0.009
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by treatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill'	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70	0.003 0.010 original mode % % %	0.003 0.011 I assumption	0.017 0.003 0.013 ns developed	0.004 0.014 1 MEL 50% v	0.004 0.015 was assum	0.005 0.018 ed to go to 0	0.005 0.021 C&D recycl	0.006 0.023 ing, rather the	0.007 0.026 man to inert I	0.008 0.029 andfi	0.008	0.008	0.042 0.009 0.032	0.044	0.045 0.009 0.035	0.045 0.009 0.034	0.044	0.044 0.009 0.033	0.009
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inc  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	0.012 0.002 0.009 ert landfill. In the c 61 30 70 2005 0.014	0.003 0.010 original mode % % % % % %	0.003 0.011 I assumption 2007 0.013	0.017 0.003 0.013 ns developed	0.004 0.014 1 MEL 50% v	0.004 0.015 was assumed	0.005 0.018 ed to go to 0	0.005 0.021 C&D recycl 2012 0.013	0.006 0.023 ing, rather the	0.007 0.026 nan to inert I	0.008 0.029 andfi 2015 0.014	0.008 0.030 2016 0.013	0.008 0.031 0.031 2017 0.013	0.042 0.009 0.032	0.044 0.009 0.033	0.045 0.009 0.035	0.045 0.009 0.034	0.044 0.009 0.034 2022 0.011	0.044 0.009 0.033	0.009 0.033 2024 0.011
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70	0.003 0.010 original mode % % %	0.003 0.011 I assumption	0.017 0.003 0.013 ns developed	0.004 0.014 1 MEL 50% v	0.004 0.015 was assum	0.005 0.018 ed to go to 0	0.005 0.021 C&D recycl	0.006 0.023 ing, rather the	0.007 0.026 man to inert I	0.008 0.029 andfi	0.008	0.008	0.042 0.009 0.032	0.044	0.045 0.009 0.035	0.045 0.009 0.034	0.044	0.044 0.009 0.033	0.009 0.033 2024 0.011
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [3] Total MSW and C&I residue sent to non-hazardous landfill STONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [4] TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [5] C&D reused on landfill sites SCENARIO on landfill sites sent to "non-haz landfill"  Total C&D reused on landfill sites sent to "non-haz landfill"	0.012 0.002 0.009 ort landfill. In the c 39 61 30 70 2005 0.014 0.032	0.003 0.010 original mode % % % % 2006 0.014 0.032	0.003 0.011 I assumption 2007 0.013 0.031	0.017 0.003 0.013 ns developed	0.004 0.014 d MEL 50% v 2009 0.013 0.030	0.004 0.015 was assum 2010 0.013 0.030	0.005 0.018 ed to go to C	0.005 0.021 C&D recycl 2012 0.013 0.031	0.006 0.023 ing, rather the	0.007 0.026 nan to inert I	0.008 0.029 andfi 2015 0.014	0.008 0.030 2016 0.013	0.008 0.031 0.031 2017 0.013	0.042 0.009 0.032	0.044 0.009 0.033	0.045 0.009 0.035	0.045 0.009 0.034	0.044 0.009 0.034 2022 0.011	0.044 0.009 0.033	0.009 0.033 2024 0.011
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill sCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incertification (1) C&I reused on landfill sites (1) C&I reused on landfill sites sent to 'non-haz landfill' Total reused C&I on inert landfill Total reused C&I on inert landfill (1) C&D reused on on-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that divided the control of the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been assumed that divided within the charts because it has been	0.012 0.002 0.009 ort landfill. In the c 39 61 30 70 2005 0.014 0.032	0.003 0.010 original mode % % % % 2006 0.014 0.032	0.003 0.011 I assumption 2007 0.013 0.031	0.017 0.003 0.013 ns developed	0.004 0.014 d MEL 50% v 2009 0.013 0.030	0.004 0.015 was assum 2010 0.013 0.030	0.005 0.018 ed to go to C	0.005 0.021 C&D recycl 2012 0.013 0.031	0.006 0.023 ing, rather the	0.007 0.026 nan to inert I	0.008 0.029 andfi 2015 0.014	0.008 0.030 2016 0.013	0.008 0.031 0.031 2017 0.013	0.042 0.009 0.032	0.044 0.009 0.033	0.045 0.009 0.035	0.045 0.009 0.034	0.044 0.009 0.034 2022 0.011	0.044 0.009 0.033	0.009 0.033 2024 0.011
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (3) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di :TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70 2005 0.014 0.032	0.003 0.010 original mode % % % % 2006 0.014 0.032 ch sub-regio	0.003 0.011 I assumption  2007 0.013 0.031 n has account	0.017 0.003 0.013 0.013 ns developed 2008 0.013 0.031	0.004 0.014 J MEL 50% V 2009 0.013 0.030	0.004 0.015 was assum 2010 0.013 0.030 n engineeri	0.005 0.018 ed to go to 0	0.005 0.021 C&D recycl 2012 0.013 0.031	0.006 0.023 ing, rather th 2013 0.013 0.031	0.007 0.026 nan to inert I 2014 0.014 0.032	0.008 0.029 andfi 2015 0.014 0.032	0.008 0.030 2016 0.013 0.031	0.008 0.031 2017 0.013 0.030	0.042 0.009 0.032 0.032 2018 0.012 0.028	0.044 0.009 0.033 2019 0.011 0.027	0.045 0.009 0.035 0.035	0.045 0.009 0.034 0.034 2021 0.011 0.026	0.044 0.009 0.034 0.034 2022 0.011 0.026	0.044 0.009 0.033 0.033 2023 0.011 0.026	0.009 0.033 2024 0.011 0.027
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse ninert and non-hazardous landfill is not included within the charts because it has been assumed that di 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70 2005 0.014 0.032	0.003 0.010 original mode % % % % 2006 0.014 0.032 ch sub-regio	0.003 0.011 I assumption 2007 0.013 0.031	0.017 0.003 0.013 0.013 ns developed 2008 0.013 0.031	0.004 0.014 J MEL 50% V 2009 0.013 0.030	0.004 0.015 was assum 2010 0.013 0.030 n engineeri	0.005 0.018 ed to go to 0	0.005 0.021 C&D recycl 2012 0.013 0.031	0.006 0.023 ing, rather th 2013 0.013 0.031	0.007 0.026 nan to inert I 2014 0.014 0.032	0.008 0.029 andfi 2015 0.014 0.032	0.008 0.030 2016 0.013 0.031	0.008 0.031 2017 0.013 0.030	0.042 0.009 0.032 0.032 2018 0.012 0.028	0.044 0.009 0.033 2019 0.011 0.027	0.045 0.009 0.035 0.035	0.045 0.009 0.034 0.034 2021 0.011 0.026	0.044 0.009 0.034 0.034 2022 0.011 0.026	0.044 0.009 0.033 0.033	0.009 0.033 2024 0.011 0.027
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to iner TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (2) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed in the charts because it has been assumed that distributed	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70 2005 0.014 0.032	0.003 0.010 original mode % % % % 2006 0.014 0.032 ch sub-regio	0.003 0.011 I assumption  2007 0.013 0.031 n has account	0.017 0.003 0.013 0.013 ns developed 2008 0.013 0.031	0.004 0.014 J MEL 50% V 2009 0.013 0.030	0.004 0.015 was assum 2010 0.013 0.030 n engineeri	0.005 0.018 ed to go to 0	0.005 0.021 C&D recycl 2012 0.013 0.031	0.006 0.023 ing, rather th 2013 0.013 0.031	0.007 0.026 nan to inert I 2014 0.014 0.032	0.008 0.029 andfi 2015 0.014 0.032	0.008 0.030 2016 0.013 0.031	0.008 0.031 2017 0.013 0.030	0.042 0.009 0.032 0.032 2018 0.012 0.028	0.044 0.009 0.033 2019 0.011 0.027	0.045 0.009 0.035 0.035	0.045 0.009 0.034 0.034 2021 0.011 0.026	0.044 0.009 0.034 0.034 2022 0.011 0.026	0.044 0.009 0.033 0.033 2023 0.011 0.026	0.009 0.033 2024 0.011 0.027
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [20] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [21] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [22] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "MBT" (based on total recovery capacity)  [23] Total C&D reused on landfill sites SCENARIO 5 - ASSUMENT (based on total recovery capacity)  [24] Total C&D reused on landfill sites sent to 'non-hazardous landfill Total C&D reused on landfill sites sent to 'non-hazardous landfill Total C&D reused on landfill sites sent to 'non-hazardous landfill  [25] Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not included within the charts because it has been assumed that discretely landfill is not	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70 2005 0.014 0.032 ata supplied by ea	0.003 0.010 0.010 0riginal mode 9% % % 2006 0.014 0.032 ch sub-regio	0.003 0.011  I assumption  2007 0.013 0.031  n has accou	0.017 0.003 0.013 as developed  2008 0.013 0.031 nted for C&E	0.004 0.014 0.014 0.014 0.015 0.013 0.030 0 reuse as a 2009 A N/A	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 A N/A	0.005 0.018 ed to go to 0  2011 0.013 0.030 ng material. 2011 A N/A	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 A NA	0.006 0.023 ing, rather th  2013 0.013 0.031  2013 A N/	0.007 0.026 nan to inert I	0.008 0.029 andfi 2015 0.014 0.032 2015 A N//	2016 0.031 2016 0.013 0.031 2016 A N/A	2017 0.031 2017 0.013 0.030	0.042 0.009 0.032 2018 0.012 0.028	0.044 0.009 0.033 2019 0.011 0.027 2019 A N	0.045 0.009 0.035 0.035 2020 0.011 0.025 2020 /A N	0.045 0.009 0.034 0.034 2021 0.011 0.026	0.044 0.009 0.034 2022 0.011 0.026 2022 /A N	0.044 0.009 0.033 0.033 2023 0.011 0.026	0.009 0.033 2024 0.011 0.027 2024 A N/A
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [3] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [4] TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [5] C&D reused on landfill sites  [6] C&D reused on landfill sites sent to 'non-haz landfill'  [7] C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  [7] C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  [7] C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that di  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  TOTAL MSW AND C&I RESIDUE FROM RECYCERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)	0.012 0.002 0.009 ert landfill. In the classification of the class	0.003 0.010 original mode % % % % 2006 0.014 0.032 ch sub-regio	0.003 0.011  I assumption  2007 0.013 0.031  n has accou	0.017 0.003 0.013 0.013 0.013 0.013 0.031 0.031	0.004 0.014 0.014 0.014 0.016 0.017 0.013 0.030 0.013 0.030 0.018 0.030 0.018 0.030	0.004  0.015  was assum  2010 0.013 0.030  n engineeri  2010 A N/A	0.005 0.018 ed to go to 0  2011 0.013 0.030 ng material. 2011 A N//	0.005  0.021  C&D recycl  2012  0.013  0.031	0.006 0.023 ing, rather th  2013 0.013 0.031	0.007 0.026 nan to inert I	0.008 0.029 andfi 2015 0.014 0.032 2015 A N//	0.008 0.030 2016 0.013 0.031	2017 0.030 2017 0.013 0.030	0.042 0.009 0.032 0.032 2018 0.012 0.028	0.044 0.009 0.033 2019 0.011 0.027	0.045 0.009 0.035 0.035 2020 0.011 0.025	0.045 0.009 0.034 0.034 2021 0.011 0.026	0.044 0.009 0.034 2022 0.011 0.026	0.044 0.009 0.033 0.033 2023 0.011 0.026	0.009 0.033 2024 0.011 0.027
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [20] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [21] Total MSW and C&I residue sent to non-hazardous landfill (22] Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inc TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [22] C&D reused on landfill sites [23] C&D reused on landfill sites sent to 'non-haz landfill' [24] C&D reused on landfill sites sent to 'non-haz landfill' [25] Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  [26] C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70 2005 0.014 0.032 ata supplied by ea	0.003 0.010 0.010 0riginal mode 9% % % 2006 0.014 0.032 ch sub-regio	0.003 0.011  I assumption  2007 0.013 0.031  n has accou	0.017 0.003 0.013 as developed  2008 0.013 0.031 nted for C&E	0.004 0.014 0.014 0.014 0.015 0.013 0.030 0 reuse as a 2009 A N/A	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 A N/A	0.005 0.018 ed to go to 0  2011 0.013 0.030 ng material. 2011 A N/A	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 A NA	0.006 0.023 ing, rather th  2013 0.013 0.031  2013 A N/	0.007 0.026 nan to inert I	0.008 0.029 andfi 2015 0.014 0.032 2015 A N//	2016 0.031 2016 0.013 0.031 2016 A N/A	2017 0.031 2017 0.013 0.030	0.042 0.009 0.032 2018 0.012 0.028	0.044 0.009 0.033 2019 0.011 0.027 2019 A N	0.045 0.009 0.035 0.035 2020 0.011 0.025 2020 /A N	0.045 0.009 0.034 0.034 2021 0.011 0.026	0.044 0.009 0.034 2022 0.011 0.026 2022 /A N	0.044 0.009 0.033 0.033 2023 0.011 0.026	2024 0.011 0.027 2024 A N/A 2024 0.011
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Ireatment' (based on total recovery capacity)  (z) Total MSW and C&I residue sent non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Ireatment' (based on total recovery capacity)  (z) Total MSW and C&I residue from 'non-bazardous landfill (t) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine:  **TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (1) C&D reused on inert landfill  (1) C&D reuse are tase based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di  :**TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  :**TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  **SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.012 0.009 ort landfill. In the classification of the classificat	0.003 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.001	0.003 0.011  assumption  2007 0.013 0.031  n has accou  2007 /A N  2007	0.017 0.003 0.013 0.013 as developed  2008 0.013 0.031 nted for C&E  2008 0.001	0.004 0.014 0.014 0.014 0.014 0.015 0.013 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 2010 0.001	0.005 0.018 ed to go to 0  2011 0.013 0.030 ng material. 2011 A N//	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 4 NA 2012 0.001	2013 0.031 2013 0.031 2013 0.031	0.007 0.026 man to inert I	0.008 0.029 andfi  2015 0.014 0.032  2015 A N/A 2015 0.002	2016 0.031 2016 0.033 0.031 2016 4 N//	2017 0.031 2017 0.013 0.030 2017 4 N/ 2017	0.042 0.009 0.032 2018 0.012 0.028 2018 A N/ 2018	0.044 0.009 0.033 0.011 0.027 2019 A N 2019 0.002	0.045 0.009 0.035  2020 0.011 0.025  /A N 2020 0.002	0.045 0.009 0.034  2021 0.011 0.026  2021 0.002	0.044 0.009 0.034 0.034 2022 0.011 0.026 2022 0.002	0.044 0.009 0.033 2023 0.011 0.026 2023 /A N/ 2023	2024 0.011 0.027 2024 A N/A 2024 0.011
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  [2] Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [3] TONINAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  [4] C&D reused on landfill sites [5] C&D reused on landfill sites sent to 'non-haz landfill'  [6] C&D reused on landfill sites sent to 'non-haz landfill'  [7] Total C&D reused on inert landfill'  [8] Total C&D reused on inert landfill'  [9] C&D reuse and inert and non-hazardous landfill sont included within the charts because it has been assumed that did  [9] TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  [7] TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)	0.012 0.009 ort landfill. In the classification of the classificat	0.003 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.010 0.001	0.003 0.011  assumption  2007 0.013 0.031  n has accou  2007 /A N  2007	0.017 0.003 0.013 0.013 as developed  2008 0.013 0.031 nted for C&E  2008 0.001	0.004 0.014 0.014 0.014 0.014 0.015 0.013 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 2010 0.001	0.005 0.018 ed to go to 0  2011 0.013 0.030 ng material. 2011 A N//	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 4 NA 2012 0.001	2013 0.031 2013 0.031 2013 0.031	0.007 0.026 man to inert I	0.008 0.029 andfi  2015 0.014 0.032  2015 A N/A 2015 0.002	2016 0.031 2016 0.033 0.031 2016 4 N//	2017 0.031 2017 0.013 0.030 2017 4 N/ 2017	0.042 0.009 0.032 2018 0.012 0.028 2018 A N/ 2018	0.044 0.009 0.033 0.011 0.027 2019 A N 2019 0.002	0.045 0.009 0.035  2020 0.011 0.025  /A N 2020 0.002	0.045 0.009 0.034  2021 0.011 0.026  2021 0.002	0.044 0.009 0.034 0.034 2022 0.011 0.026 2022 0.002	0.044 0.009 0.033 2023 0.011 0.026 2023 /A N/ 2023	2024 0.011 0.027 2024 A N/A 2024 0.011
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (3) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to incompare the sent of the sent	0.012 0.002 0.009 ert landfill. In the c 39 61 30 70 2005 0.014 0.032 ata supplied by ea 2005 N/A 0.001 0.000	0.003 0.010 0.010 0.010 0.010 0.010 0.014 0.032 0.014 0.032 0.014 0.032 0.001 0.001 0.000 0.000	2007 0.001 0.001 0.011 0.001 0.001 0.000 0.000	2008 2008 2008 2008 2008 2008 2008 2008	2009 0.013 0.030 0.013 0.030 0.030 0.030 0.030 0.000 0.000 0.000	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 2010 0.001 0.001	2011 0.018 ed to go to 0 2011 0.013 0.030 ng material. 2011 0.001 0.000 0.000	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 A N/  2012 0.001 0.000 0.000	0.006 0.023 ing, rather th  2013 0.013 0.031  2013 A N/ 2013 0.002 0.000 0.000	0.007 0.026 nan to inert l  2014 0.014 0.032  2014 A N/ 2014 0.002 0.000 0.000	0.008 0.029 andfi  2015 0.014 0.032  2015 A N// 2015 0.002 0.000 0.000	2016 0.031 2016 0.013 0.031 2016 A N/A 2016 0.002 0.000	2017 0.031 2017 0.013 0.030 2017 A N/ 2017 0.002 0.000	2018 0.002 0.002 0.032	0.044 0.009 0.033 2019 0.027 2019 A N 2019 0.002 0.000	0.045 0.009 0.035 2020 0.011 0.025 2020 0.002 2020 0.000 0.000	0.045 0.009 0.034  2021 0.011 0.026  2021 VA N  2021 0.000 0.000	0.044 0.009 0.034 0.034 2022 0.011 0.029 0.000 0.000 0.000	2023 0.011 0.026 2023 0.011 0.026 2023 0.002 0.000	0.009 0.003 0.033 2024 0.011 0.027 2024 A N/A 2024 0.000 0.000
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (2) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total MSW AND C&I recycling and composting residue sent to hazardous Landfill'  Total MSW and C&I recycling and composting residue sent to hazardous landfill'  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill summing all MSW and C&I residue sent to hazardous landfill'  Total MSW and C&I residue sent to hazardous landfill incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill summing all MSW and C&I residue sent to hazardous landfill'  Total MSW and C&I residue sent to hazardous landfill'  Total MSW and C&I residue sent to hazardous landfill'  Total MSW and C&I residue sent to hazardous landfill'  Total MSW	0.012 0.002 0.009 ort landfill. In the c 39 61 30 70 2005 0.014 0.032 ata supplied by ea 2005 N/A 0.001 0.000	0.003 0.010 0.010 0riginal mode % % % % 2006 0.014 0.032 ch sub-regio 2006 N/A N 2006 0.001 0.000 0.000	2007 0.013 0.031 0.013 0.031 0.031 0.031 0.031 0.031 0.000 0.0001	2008 0.013 0.013 0.013 0.013 0.031 0.031 0.031 0.031 0.031 0.000 0.000 0.000 0.000	2009 0.013 0.013 0.030 0.030 0.030 0.030 0.000 0.001	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 0.001 0.001	2011 0.018 2011 0.013 0.030 0.030 0.030 0.030 1.000 2011 0.001 0.000	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 4 No.001 0.000	2013 0.001 2013 0.031 2013 0.031 2013 0.002	2014 0.032 2014 0.014 0.032 2014 0.002 0.000	0.008 0.029 andfi 2015 0.014 0.032 2015 A N// 2015 0.002	2016 0.030 2016 0.013 0.031 2016 A N// 2016 0.002	2017 0.003 0.031 2017 0.013 0.030 2017 4 N/ 2017 0.002	0.042 0.009 0.032 2018 0.012 0.028 2018 A N/ 2018 0.002	0.044 0.009 0.033 2019 0.011 0.027 2019 2019 0.002	0.045 0.009 0.035  2020 0.011 0.025  2020 /A N  2020 0.002	0.045 0.009 0.034  2021 0.011 0.026  2021 0.000 0.000	0.044 0.009 0.034  2022 0.011 0.026  2022  /A N  2022 0.000	2023 0.011 0.026 2023 0.011 0.026 2023 0.002	0.009 0.003 0.033 2024 0.011 0.027 2024 A N/A 0.002 0.000
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (z) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (z) Total MSW and C&I residue sent to non-hazardous landfill (t) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to iner TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (i) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di  (ii) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di  (ii) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di  (ii) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that di  (iii) C&D reused on total recovery is by "Non-specialist incineration" (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue se	0.012 0.002 0.009 ort landfill. In the c 39 61 30 70 2005 0.014 0.032 ata supplied by ea 2005 N/A 0.001 0.000	0.003 0.010 0.010 0riginal mode % % % % 2006 0.014 0.032 ch sub-regio 2006 N/A N 2006 0.001 0.000 0.000	2007 0.013 0.031 0.013 0.031 0.031 0.031 0.031 0.031 0.000 0.0001	2008 0.013 0.013 0.013 0.013 0.031 0.031 0.031 0.031 0.031 0.000 0.000 0.000 0.000	2009 0.013 0.030 0.013 0.030 0.030 0.030 0.030 0.000 0.000 0.000	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 2010 0.001 0.001	2011 0.018 ed to go to 0 2011 0.013 0.030 ng material. 2011 0.001 0.000 0.000	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 A N/  2012 0.001 0.000 0.000	0.006 0.023 ing, rather th  2013 0.013 0.031  2013 A N/ 2013 0.002 0.000 0.000	0.007 0.026 nan to inert l  2014 0.014 0.032  2014 A N/ 2014 0.002 0.000 0.000	0.008 0.029 andfi 2015 0.014 0.032 2015 A N// 2015 0.002 0.000	2016 0.031 2016 0.013 0.031 2016 A N/A 2016 0.002 0.000	2017 0.031 2017 0.013 0.030 2017 A N/ 2017 0.002 0.000	2018 0.002 0.002 0.032	0.044 0.009 0.033 2019 0.027 2019 A N 2019 0.002 0.000	0.045 0.009 0.035 2020 0.011 0.025 2020 0.002 2020 0.000 0.000	0.045 0.009 0.034  2021 0.011 0.026  2021 VA N  2021 0.000 0.000	0.044 0.009 0.034 0.034 2022 0.011 0.029 0.000 0.000 0.000	2023 0.011 0.026 2023 0.011 0.026 2023 0.002 0.000	0.009 0.003 0.033 2024 0.011 0.027 2024 A N/A 0.002 0.000
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (z) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  (z) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill'  (ii) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (i) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed that di  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue part of the provincing all MSW and C&I recovery capacity) Total MSW and C&I residue sent to hazardous landfill incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 5 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 5 - Assumes all recovery is by "RDF" (based on total recovery ca	0.012 0.009 ort landfill. In the control of managed waste	0.003 0.010 0.010 0riginal mode % % % % 2006 0.014 0.032 ch sub-regio 2006 N/A N 2006 0.001 0.000 0.000	2007 0.013 0.031 0.013 0.031 0.031 0.031 0.031 0.031 0.000 0.0001	2008 0.013 0.013 0.013 0.013 0.031 0.031 0.031 0.031 0.031 0.000 0.000 0.000 0.000	2009 0.013 0.030 0.013 0.030 0.030 0.030 0.030 0.000 0.000 0.000	2010 0.015 was assum 2010 0.013 0.030 n engineeri 2010 2010 0.001 0.001	2011 0.018 ed to go to 0 2011 0.013 0.030 ng material. 2011 0.001 0.000 0.000	0.005 0.021 C&D recycl  2012 0.013 0.031  2012 A N/  2012 0.001 0.000 0.000	0.006 0.023 ing, rather th  2013 0.013 0.031  2013 A N/ 2013 0.002 0.000 0.000	0.007 0.026 nan to inert l  2014 0.014 0.032  2014 A N/ 2014 0.002 0.000 0.000	0.008 0.029 andfi 2015 0.014 0.032 2015 A N// 2015 0.002 0.000	2016 0.031 2016 0.013 0.031 2016 A N/A 2016 0.002 0.000	2017 0.031 2017 0.013 0.030 2017 A N/ 2017 0.002 0.000	2018 0.002 0.002 0.032	0.044 0.009 0.033 2019 0.027 2019 A N 2019 0.002 0.000	0.045 0.009 0.035 2020 0.011 0.025 2020 0.002 2020 0.000 0.000	0.045 0.009 0.034  2021 0.011 0.026  2021 VA N  2021 0.000 0.000	0.044 0.009 0.034 0.034 2022 0.011 0.029 0.000 0.000 0.000	2023 0.011 0.026 2023 0.011 0.026 2023 0.002 0.000	0.009 0.003 0.033 2024 0.011 0.027 2024 A N/A 0.002 0.000



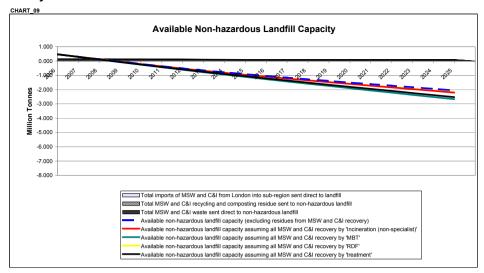
NOTE: This capacity does not represent the quantity of material that is recovered.

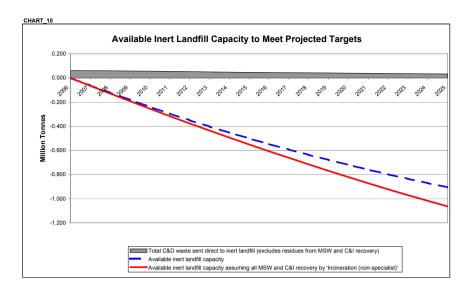
NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.





Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





### SUMMARY DATA AND RESULTS FOR MILTON KEYNES

The section of the continue of		ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	msw msw - imports	from london that are sent direct to non-hazardous landfill		0.132 0.146	0.135 0.142	0.138 0.138	0.142 0.135	0.145 0.131	0.148 0.123	0.151 0.116	0.154 0.109	0.157 0.102	0.160 0.094	0.163 0.090	0.165 0.086	0.168 0.083	0.170 0.079	0.173 0.075	0.175 0.073	0.178 0.071	0.181 0.070	0.183 0.068	0.186
See Properties (1988) 1988 1989 1999 1999 1999 1999 1999	c&i	rom landon that are cost direct to non hazardous landfill																					0.03
New Personal Properties (1988) 1988   1989	c&d	on blood that are sent direct to non-nazardods fandilli		0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.06
See 1. Se	hazardous			0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.01
Part																							202
Segret Process																							-0.00 0.11
14 Per 1		Recovery target		0.008		0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046		0.048		0.046		0.04
																							0.03
Part																							0.00
Maritan   Mari																							0.00
The series of th																							0.01
STRIPLY FOR EXPORT FOR EXPONENT AND EXPONENT FOR EXPORT FOR EXPONENT F																							0.00
Part		Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the	model assu	mes that th	is extra wa	ste is recycle	ed/compos	ted and rec	overed at th	ne same rat	io as the reg	gional target	s for recycli	ing/compos	ting and re	covery for the	nat year.						
Street of the control	EXISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPO	SAL ROU																				
Teach enterpression and Cali Processing and Californian and Ca	MSW and C&	recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
Set and Life Sequence (set and composing) 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		Total existing/planned MSW and C&I recovery capacity																					0.07
The seminy-threated Key and CAI recording and contemporage agency (inserting Key). In Case 1 and Ca				0.063	0.061	0.058	0.056	0.053	0.048	0.043	0.038	0.034	0.030	0.028	0.026	0.024	0.022	0.020	0.020	0.021	0.022	0.023	0.02
Supplication County (passion Supplication County) (passion County) (passion Supplication County) (passion County) (passio		Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)																					0.24
Supplies of the property of the part of th																							0.21
This is cally planed CAI Processing speash 1 work 1 more 1																							0.08
Supplicate Ministry (1988) (19		Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
EMERICIAN Loss examingsylment Cala recovery capacity  September 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				-0.029	-0.030	-0.030	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.033	-0.034	-0.035	-0.036	-0.038	-0.038	-0.038	-0.038	-0.038	-0.03
Surphishories regularly 1.77   1889   1890		REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.30
The disensing-planned hazardous waster recycles gascardy south and plant and		Surplus/deficit capacity		1.772	1.689	1.605	1.522	1.439	1.418	1.397	1.376	1.354	1.333	1.303	1.273	1.242	1.212	1.182	1.202	1.223	1.244	1.264	1.28
Suphashedini quagery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery) (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (proclaining reliance from MW and CAI recovery (ancient grane) with a suphashedini quagery (ancient grane) w				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
The disensimply immends have any suppose by Synthesis of the suppose of the suppo		Surplus/deficit capacity		N/A	N/A																		
Separate place pla				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Available non-hazardous landfill capacity (exclusing residues from NSW and CAI recovery by Tuncerstand non-hazardous landfill capacity assuming all NSW and CAI recovery by Tuncerstand non-hazardous landfill capacity assuming all NSW and CAI recovery by Wash'' (a.2.200 2.17% 2.14% 2.11% 2.00% 2.11% 1.00% 2				N/A	N/																		
Available non-hazardous larefulli capsocity sessuring all MSW and Cell recovery by "incrineration (non-specialisty"   12 cts   11 tts   11				22.000	21.724	21.454	21.192	20.936	20.689	20.457	20.241	20.039	19.849	19.671	19.499	19.334	19.175	19.022	18.877	18.733	18.591	18.450	18.31
Available non-hazardous landfill capporty systammer of MSW and CAS recovery by NDP* Available non-hazardous landfill capport systammer of MSW and CAS recovery by Teachmer 22 00 21712 2143 21172 2038 2088 2088 2088 2088 2088 2089 1870 1852 1859 1870 1852 1859 1871 1898 1814 1814 1814 1814 1814 1814 181																							18.20
Available non-hazardous landfill capacity, sassuming all MSW and C&I recovery by Treatment 2,000 21/19 21/43 21/17 20/08 20/85																							17.8
Available finest landfill capacity Available finest																							17.98
Available inert lamifil capacity assuming all MSV and C&I recovery by Troineration (non-specialist)  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **Provided the model does not contain data for the management of hazardous waste.  **P		Available inert landfill canacity		1 128	1 116	1 105	1 004	1.083	1 072	1.062	1.052	1 0/12	1 033	1 024	1.016	1 007	0 000	0.002	0.084	0.077	0.070	0.063	0.95
Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.    Available hazardous waste		Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'																					0.84
Note: The model does not contain data for the management of hazardous waste.    ATA 61: ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)   2005   2006   2007   2008   2009   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019   2020   2021   2022   2023   2024   2025   2026				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Arisings of MSW in baseline year  (i) Forecast regional level growth rate of MSW - curvalulative (%)  (ii) Forecast regional level growth rate of MSW - curvalulative (%)  (iii) Forecast regional level growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional level growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional govel growth rate of C&I - per year (%)  (iii) Forecast sub-regional govel growth rate of C&I - per year (%)  (iii) Forecast su				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Arisings of MSW in baseline year  (i) Forecast regional level growth rate of MSW - curvalulative (%)  (ii) Forecast regional level growth rate of MSW - curvalulative (%)  (iii) Forecast regional level growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional level growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast sub-regional growth rate of MSW - curvalulative (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional growth forecasts  (iii) Forecast sub-regional growth rate of C&I - per year (%)  (iii) Forecast sub-regional govel growth rate of C&I - per year (%)  (iii) Forecast sub-regional govel growth rate of C&I - per year (%)  (iii) Forecast su																							
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Total arisings of MSW using sucreptional growth frorecasts sub-regional growth frorecasts sub-regional growth frore (MSV - per year (%)  (b) Forecast sub-regional growth frore (MSV - per year (%)  (c) Forecast sub-regional growth frore (MSV - per year (%)  (d) Forecast sub-regional growth frore (MSV - per year (%)  (e) Forecast sub-regional growth frore (MSV - per year (%)  (e) Forecast sub-regional growth frore (MSV - per year (%)  (f) Forecast regional level growth rate of CAI - per year (%)  (g) Forecast regional level growth frore (CAI - per year (%)  (g) Forecast sub-regional growth fore (CAI - per year (%)  (g) Forecast sub-regional growth fore (MSV - per year (%)  (g) Forecast sub-regional growth fore (MSV - per year (%)  (g) Forecast sub-regional growth fore (MSV - per year (%)  (g) Forecast sub-regional growth fore (CAI - per year (%)  (g) Forecast sub-regional growth fore (MSV - per year (%)  (g) Forec			3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5
(1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - per year (%) (1) Forecast regional level growth rate of MSW - per year (%) (2) Forecast regional level growth rate of MSW - per year (%) (3) Say 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5%																							149
(1) Forecast sub-regional level growth rate of MSW - cumulative (%)  103% 107% 111% 116% 121% 128% 130% 133% 136% 137% 137% 141% 143% 149% 152% 166% 168% 169% 169% 169% 169% 169% 169% 169% 169			0.128	0.132		0.138		0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.165	0.168	0.1/0	0.1/3	0.175	0.178	0.181	0.183	0.18
Total arisings of CM in baseline year  1, Forecast regional level growth rate of C81 - per year (%)  1, Forecast regional level growth rate of C81 - per year (%)  1, Forecast regional level growth rate of C81 - per year (%)  1, Forecast regional level growth rate of C81 - per year (%)  1, Forecast regional level growth rate of C81 - per year (%)  1, Forecast regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional growth forecasts  1, Forecast sub-regional level growth rate of C81 - per year (%)  1, Forecast sub-regional growth forecasts  1, Forecast sub-regional growth forecasts  1, Forecast sub-regional growth rate of hazardous waste - per year (%)  2, Forecast regional level growth rate of hazardous waste - per year (%)  2, Forecast sub-regional level growth rate of hazardous waste - per year (%)  2, Forecast sub-regional level growth rate of hazardous waste - per year (%)  2, Forecast sub-regional level growth rate of hazardous waste - per year (%)  2, Forecast sub-regional level growth rate of hazardous waste - per year (%)  2, Forecast sub-regional level growth rate of hazardous waste - per year (%)  2, Forecast sub-regional level growth rate of			103%	107%		116%		126%	130%	134%	137%	141%	143%	146%	149%	152%	156%	158%	160%	163%	166%	168%	171
Ais mays of CAI in baseline year  (i) Forecast regional level growth rate of CAI - per year (%)  (ii) Forecast regional gives growth rate of CAI - per year (%)  (iii) Forecast regional gives growth rate of CAI - per year (%)  (iii) Forecast regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth rate of CAI - per year (%)  (iii) Forecast sub-regional gives growth forecasts  (iii) Forecast regional gives growth rate of AI - gives growth forecasts  (iii) Forecast regional gives growth rate of AI - gives growth r																							0.2
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(1) Forecast sub-regional level growth rate of C81 - per year (%) (1) Forecast sub-regional level growth rate of C81 - per year (%) (1) Forecast sub-regional level growth rate of C81 - per year (%) (2) Forecast sub-regional level growth rate of C81 - per year (%) (3) C82 C98																							166
(1) Forecast sub-regional level growth rate of C&I - cumulative (%)  1176   129%   129%   129%   129%   129%   139%   139%   139%   139%   141%   147%   149%   145%   153%   158%   159																							1.0
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National Process of Parametria Services															0.031								0.0
Forecast regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 115% 118% 121% 123% 126% 128% 128% 131% 133% 135% 137% 139% 141% 144% 145% 146% 148% 149% 1170 1014 arisings of hazardous waste  (2) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  3.3% 2.5% 2.5% 2.5% 2.5% 2.5% 2.6% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5																							
Total arisings of hazardous waste   0.011   0.011   0.011   0.011   0.011   0.012   0.012   0.012   0.013   0.013   0.013   0.013   0.013   0.014   0.014   0.014   0.014   0.014   0.015   0.																							1.0
(2) Forecast sub-regional level growth rate of hazardous waste - per year (%)  3.3%  2.5%  2.5%  2.5%  2.5%  2.5%  2.5%  2.5%  2.5%  2.5%  2.0%  2.0%  2.0%  2.0%  2.0%  2.0%  2.0%  1.5%  1.5%  1.5%  1.5%  1.5%  1.5%  1.0%																							151
Forecast sub regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 115% 118% 121% 123% 126% 128% 128% 128% 131% 133% 135% 137% 139% 141% 144% 145% 146% 148% 149% 115% 141% 144% 145% 145% 145% 145% 145																							0.0
Total arisings of hazardous waste 0.011 0.011 0.011 0.012 0.012 0.012 0.012 0.013 0.013 0.013 0.013 0.013 0.014 0.014 0.014 0.014 0.014 0.015 0.																							1.0 151
28d Total managed C&D in baseline year (3) Forecast regional-level growth rate of managed C&D - per year (%) (5) Forecast regional-level growth rate of managed C&D - cumulative (%) (8) 100% 100% 100% 100% 100% 100% 100% 100																							0.0
Forecast regional-level growth rate of managed C&D - cumulative (%) 100% 100% 100% 100% 100% 100% 100% 10	:&d	Total managed C&D in baseline year																					
																							0.0
(3) Tutan manageru u Cabr Tutan tine sub-region 0.063																							100
	(3)	l otal managed of C&D for the sub-region	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.06

- (1) Figures from SEEA updated waste capacity model by ERM in 2005.
  (2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
  (3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the orginal MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model' Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

DATA 02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.178	0.173	0.169	0.164	0.160	0.156	0.147	0.138	0.129	0.121	0.112	0.107	0.103	0.098	0.094	0.089	0.087	0.085	0.083	0.081	0.079
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.149	0.146	0.142	0.138	0.135	0.131	0.123	0.116	0.109	0.102	0.094	0.090	0.086	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.067
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	84%	84%	84%	85%	85%	85%	85%	85%	85%	85%	85%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.149	0.146	0.143	0.139	0.136	0.132	0.125	0.118	0.111	0.103	0.096	0.092	0.088	0.084	0.080	0.076	0.075	0.073	0.071	0.070	0.068
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.028	0.028	0.027	0.026	0.025	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.012
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	16%	16%	16%	15%	15%	15%	15%	15%	15%	15%	15%	14%	14%	14%	14%	14%	14%	14%	14%	14%	14%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.028	0.027	0.026	0.025	0.024	0.023	0.022	0.020	0.019	0.018	0.016	0.016	0.015	0.014	0.013	0.013	0.012	0.012	0.012	0.011	0.011

(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

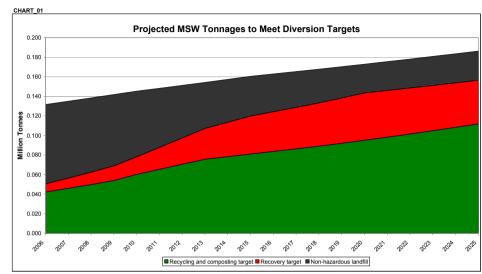
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.128	0.132	0.135	0.138	0.142	0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.165	0.168	0.170	0.173	0.175	0.178	0.181	0.183	0.186
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.149	0.146	0.142	0.138	0.135	0.131	0.123	0.116	0.109	0.102	0.094	0.090	0.086	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.067
c&i		0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034
c&I - impor	s from london that are sent direct to non-hazardous landfill	0.028	0.028	0.027	0.026	0.025	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.012
c&d		0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063
hazardous		0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.068	0.066	0.062	0.058	0.052	0.045	0.040	0.035	0.030	0.029	0.027	0.026	0.025	0.023	0.022	0.021	0.021	0.021	0.021	0.021	0.021
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					

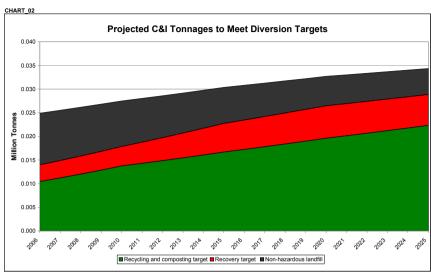
DATA_05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

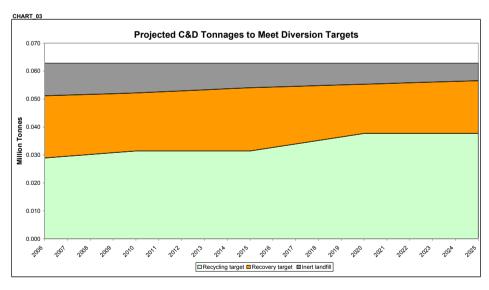
This first section of DATA\_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r

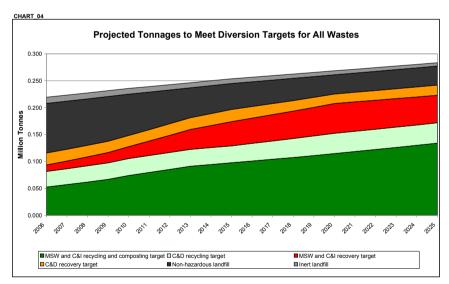
	incument another to terrain for discrete water, then the mean accument that the contained to recognize the mean and the contained that the contained to the contained the contained that the contained to the contained the contained that the contained the contained the contained the contained the contained the contained that the contained																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.045	0.051	0.056	0.063	0.069	0.076	0.084	0.092	0.101	0.109	0.119	0.123	0.128	0.133	0.138	0.143	0.146	0.149	0.151	0.154	0.156
	Total MSW not-diverted by targets	0.083	0.081	0.079	0.076	0.073	0.070	0.065	0.059	0.054	0.048	0.042	0.039	0.037	0.035	0.032	0.029	0.029	0.030	0.030	0.030	0.030
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.057	0.055	0.053	0.052	0.050	0.047	0.044	0.040	0.036	0.033	0.028	0.027	0.025	0.024	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	LATS shortfall (how much extra is landfilled above LATS target)	-0.012	-0.011	-0.009	-0.006	-0.002	0.003	0.004	0.006	0.007	0.004	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.039	0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098	0.101	0.105	0.108	0.112
	Recovery target	0.006	0.008	0.011	0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046	0.048	0.048	0.047	0.046	0.045	0.045
	Non-hazardous landfill	0.083	0.081	0.079	0.076	0.073	0.067	0.060	0.054	0.047	0.044	0.041	0.039	0.037	0.034	0.032	0.029	0.029	0.030	0.030	0.030	0.030
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.010	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
	Recovery target	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	Non-hazardous landfill	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.005
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
	Recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
	Inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015

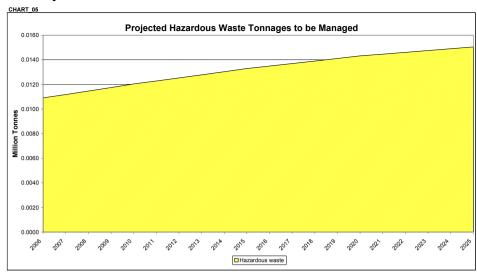
DATA_06: TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recycling and composting target	0.048	0.053	0.057	0.062	0.067	0.074	0.080	0.085	0.091	0.094	0.098	0.101	0.104	0.107	0.111	0.115	0.118	0.122	0.126	0.130	0.134
C&D recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
MSW and C&I recovery target	0.010	0.012	0.014	0.017	0.019	0.022	0.027	0.032	0.037	0.041	0.045	0.047	0.049	0.051	0.053	0.055	0.055	0.054	0.053	0.052	0.051
C&D recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
Non-hazardous landfill	0.095	0.092	0.089	0.086	0.083	0.077	0.070	0.063	0.055	0.052	0.048	0.046	0.044	0.041	0.039	0.036	0.036	0.035	0.035	0.035	0.035
Inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
Hazardous waste	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015











DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Total existing/planned MSW and C&I recovery capacity	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Total MSW waste required to meet target	0.006	0.008	0.011	0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046	0.048	0.048	0.047	0.046	0.045	0.045
Total C&I waste required to meet target	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Surplus/deficit capacity	0.065	0.063	0.061	0.058	0.056	0.053	0.048	0.043	0.038	0.034	0.030	0.028	0.026	0.024	0.022	0.020	0.020	0.021	0.022	0.023	0.024
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
MSW and C&I transfer	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169
Total existing/planned composting capacity	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245	0.245
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219	0.219
Total MSW waste required to meet recycling and composting target	0.039	0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098	0.101	0.105	0.108	0.112
Total C&I waste required to meet recycling and composting target	0.010	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.197	0.192	0.188	0.183	0.178	0.171	0.165	0.159	0.154	0.151	0.147	0.144	0.141	0.137	0.134	0.130	0.126	0.123	0.119	0.115	0.111
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.171	0.167	0.162	0.158	0.153	0.146	0.140	0.134	0.128	0.125	0.122	0.119	0.115	0.112	0.108	0.105	0.101	0.097	0.093	0.089	0.085
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
Surplus/deficit capacity	-0.028	-0.029	-0.030	-0.030	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.033	-0.034	-0.035	-0.036	-0.038	-0.038	-0.038	-0.038	-0.038	-0.038
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
Surplus/deficit capacity	1.855	1.772	1.689	1.605	1.522	1.439	1.418	1.397	1.376	1.354	1.333	1.303	1.273	1.242	1.212	1.182	1.202	1.223	1.244	1.264	1.285
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			0.000	0.000	0.000
Total hazardous waste to be recovered	N/A				N/A	N/A	N/A	N/A	N/A	N/A	N/A						0.000	0.000	0.000		
rotal nazarada madio to de 1660 verda	IN/A	N/A	N/A	N/A	N/A	IN/A	14/74	IN/A	IN/A	IN/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000 N/A	0.000 N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A					N/A N/A	N/A N/A
																N/A	N/A	N/A	N/A		
Surplus/deficit capacity																N/A	N/A	N/A	N/A		
Surplus/deficit capacity Non-hazardous landfill		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		N/A 22.000	N/A 21.724	N/A 21.454	N/A 21.192	N/A 20.936	N/A 20.689	N/A 20.457	N/A 20.241	N/A 20.039	N/A 19.849	N/A 19.671	N/A 19.499	N/A 19.334	N/A 19.175	N/A N/A 19.022	N/A N/A 18.877	N/A N/A 18.733	N/A N/A 18.591	N/A 18.450	N/A 18.310
Surplus/deflicit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"		N/A 22.000 22.000	N/A 21.724 21.722	N/A 21.454 21.450	N/A 21.192 21.185	N/A 20.936 20.926	N/A 20.689 20.677	N/A 20.457 20.441	N/A 20.241 20.219	N/A 20.039 20.012	N/A 19.849 19.816	N/A 19.671 19.631	N/A 19.499 19.452	N/A 19.334 19.280	N/A 19.175 19.113	N/A N/A 19.022 18.953	N/A N/A 18.877 18.799	N/A N/A 18.733 18.647	N/A N/A 18.591 18.496	N/A 18.450 18.347	N/A 18.310 18.200
Surplus/deficit capacity  Non-hazardous Iandfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"		N/A 22.000 22.000 22.000	N/A 21.724 21.722 21.717	N/A 21.454 21.450 21.439	N/A 21.192 21.185 21.166	N/A 20.936 20.926 20.899	N/A 20.689 20.677 20.640	N/A 20.457 20.441 20.392	N/A 20.241 20.219 20.157	N/A 20.039 20.012 19.933	N/A 19.849 19.816 19.719	N/A 19.671 19.631 19.514	N/A 19.499 19.452 19.315	N/A 19.334 19.280 19.121	N/A 19.175 19.113 18.932	N/A N/A 19.022 18.953 18.748	N/A N/A 18.877 18.799 18.570	N/A N/A 18.733 18.647 18.394	N/A N/A 18.591 18.496 18.220	N/A 18.450 18.347 18.048	N/A 18.310 18.200 17.877
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		N/A 22.000 22.000 22.000 22.000	N/A 21.724 21.722 21.717 21.722	N/A 21.454 21.450 21.439 21.451	N/A 21.192 21.185 21.166 21.186	N/A 20.936 20.926 20.899 20.928	N/A 20.689 20.677 20.640 20.679	N/A 20.457 20.441 20.392 20.444	N/A 20.241 20.219 20.157 20.224	N/A 20.039 20.012 19.933 20.017	N/A 19.849 19.816 19.719 19.823	N/A 19.671 19.631 19.514 19.639	N/A 19.499 19.452 19.315 19.462	N/A 19.334 19.280 19.121 19.290	N/A 19.175 19.113 18.932 19.125	N/A N/A 19.022 18.953 18.748 18.967	N/A N/A 18.877 18.799 18.570 18.814	N/A N/A 18.733 18.647 18.394 18.664	N/A N/A 18.591 18.496 18.220 18.515	N/A 18.450 18.347 18.048 18.368	N/A 18.310 18.200 17.877 18.222
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "reDF"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "rebF"		N/A 22.000 22.000 22.000 22.000 22.000 0.092	N/A 21.724 21.722 21.717 21.722 21.719	N/A 21.454 21.450 21.439 21.451 21.443 0.086	N/A 21.192 21.185 21.166 21.186 21.172 0.083	N/A 20.936 20.926 20.899 20.928 20.908 0.077	N/A 20.689 20.677 20.640 20.679 20.651	N/A 20.457 20.441 20.392 20.444 20.408	N/A 20.241 20.219 20.157 20.224 20.177 0.055	N/A 20.039 20.012 19.933 20.017 19.958 0.052	N/A 19.849 19.816 19.719 19.823 19.750	N/A 19.671 19.631 19.514 19.639 19.552 0.046	N/A 19.499 19.452 19.315 19.462 19.359 0.044	N/A 19.334 19.280 19.121 19.290 19.171	N/A 19.175 19.113 18.932 19.125 18.989	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035	N/A N/A 18.591 18.496 18.220 18.515 18.308	N/A 18.450 18.347 18.048 18.368 18.143	N/A 18.310 18.200 17.877 18.222 17.980 0.035
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MST"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "treatment"  Total MSW and C&I waste sent direct to non-hazardous landfill		N/A 22.000 22.000 22.000 22.000 22.000	N/A 21.724 21.722 21.717 21.722 21.719	N/A 21.454 21.450 21.439 21.451 21.443	N/A 21.192 21.185 21.166 21.186 21.172	N/A 20.936 20.926 20.899 20.928 20.908	N/A 20.689 20.677 20.640 20.679 20.651	N/A 20.457 20.441 20.392 20.444 20.408	N/A 20.241 20.219 20.157 20.224 20.177	N/A 20.039 20.012 19.933 20.017 19.958	N/A 19.849 19.816 19.719 19.823 19.750	N/A 19.671 19.631 19.514 19.639 19.552	N/A 19.499 19.452 19.315 19.462 19.359	N/A 19.334 19.280 19.121 19.290 19.171	N/A 19.175 19.113 18.932 19.125 18.989	N/A N/A 19.022 18.953 18.748 18.967 18.813	N/A N/A 18.877 18.799 18.570 18.814 18.643	N/A N/A 18.733 18.647 18.394 18.664 18.474	N/A N/A 18.591 18.496 18.220 18.515 18.308	N/A 18.450 18.347 18.048 18.368 18.143	N/A 18.310 18.200 17.877 18.222 17.980
Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill		N/A 22.000 22.000 22.000 22.000 22.000 0.092	N/A 21.724 21.722 21.717 21.722 21.719 0.089	N/A 21.454 21.450 21.439 21.451 21.443 0.086	N/A 21.192 21.185 21.166 21.186 21.172 0.083	N/A 20.936 20.926 20.899 20.928 20.908 0.077	N/A 20.689 20.677 20.640 20.679 20.651 0.070	N/A 20.457 20.441 20.392 20.444 20.408 0.063	N/A 20.241 20.219 20.157 20.224 20.177 0.055	N/A 20.039 20.012 19.933 20.017 19.958 0.052	N/A 19.849 19.816 19.719 19.823 19.750 0.048	N/A 19.671 19.631 19.514 19.639 19.552 0.046	N/A 19.499 19.452 19.315 19.462 19.359 0.044	N/A 19.334 19.280 19.121 19.290 19.171 0.041	N/A 19.175 19.113 18.932 19.125 18.989 0.039	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035	N/A 18.450 18.347 18.048 18.368 18.143 0.035	N/A 18.310 18.200 17.877 18.222 17.980 0.035
Surplus/deflicit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialist)'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)		N/A 22.000 22.000 22.000 22.000 22.000 0.092	N/A 21.724 21.722 21.717 21.722 21.719 0.089	N/A 21.454 21.450 21.439 21.451 21.443 0.086	N/A 21.192 21.185 21.166 21.186 21.172 0.083	N/A 20.936 20.926 20.899 20.928 20.908 0.077	N/A 20.689 20.677 20.640 20.679 20.651 0.070	N/A 20.457 20.441 20.392 20.444 20.408 0.063	N/A 20.241 20.219 20.157 20.224 20.177 0.055	N/A 20.039 20.012 19.933 20.017 19.958 0.052	N/A 19.849 19.816 19.719 19.823 19.750 0.048	N/A 19.671 19.631 19.514 19.639 19.552 0.046	N/A 19.499 19.452 19.315 19.462 19.359 0.044	N/A 19.334 19.280 19.121 19.290 19.171 0.041	N/A 19.175 19.113 18.932 19.125 18.989 0.039	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035	N/A 18.450 18.347 18.048 18.368 18.143 0.035	N/A 18.310 18.200 17.877 18.222 17.980 0.035
Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	N/A	N/A  22.000 22.000 22.000 22.000 22.000 0.092  1.128 1.128	N/A 21.724 21.722 21.717 21.722 21.719 0.089 1.116 1.115	N/A 21.454 21.450 21.439 21.451 21.443 0.086	N/A 21.192 21.185 21.166 21.186 21.172 0.083 1.094 1.087	N/A 20.936 20.926 20.899 20.928 20.908 0.077 1.083 1.074	N/A 20.689 20.677 20.640 20.679 20.651 0.070 1.072 1.059	N/A 20.457 20.441 20.392 20.444 20.408 0.063 1.062 1.045	N/A 20.241 20.219 20.157 20.224 20.177 0.055 1.052 1.030	N/A 20.039 20.012 19.933 20.017 19.958 0.052 1.042 1.015	N/A 19.849 19.816 19.719 19.823 19.750 0.048 1.033 1.000	N/A 19.671 19.631 19.514 19.639 19.552 0.046 1.024 0.985	N/A 19.499 19.452 19.315 19.462 19.359 0.044 1.016 0.969	N/A 19.334 19.280 19.121 19.290 19.171 0.041 1.007 0.953	N/A 19.175 19.113 18.932 19.125 18.989 0.039 0.999 0.938	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035	N/A 18.450 18.347 18.048 18.368 18.143 0.035 0.963 0.861	N/A 18.310 18.200 17.877 18.222 17.980 0.035 0.956 0.846
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Teatment'  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity	N/A	N/A  22.000 22.000 22.000 22.000 22.000 0.092  1.128 1.128	N/A 21.724 21.722 21.717 21.722 21.719 0.089 1.116 1.115	N/A 21.454 21.450 21.439 21.451 21.443 0.086	N/A 21.192 21.185 21.166 21.186 21.172 0.083 1.094 1.087	N/A 20.936 20.926 20.899 20.928 20.908 0.077 1.083 1.074	N/A 20.689 20.677 20.640 20.679 20.651 0.070 1.072 1.059	N/A 20.457 20.441 20.392 20.444 20.408 0.063 1.062 1.045	N/A 20.241 20.219 20.157 20.224 20.177 0.055 1.052 1.030	N/A 20.039 20.012 19.933 20.017 19.958 0.052 1.042 1.015	N/A 19.849 19.816 19.719 19.823 19.750 0.048 1.033 1.000	N/A 19.671 19.631 19.514 19.639 19.552 0.046 1.024 0.985	N/A 19.499 19.452 19.315 19.462 19.359 0.044 1.016 0.969 0.008	N/A 19.334 19.280 19.121 19.290 19.171 0.041 1.007 0.953 0.008	N/A 19.175 19.113 18.932 19.125 18.989 0.039 0.999 0.938	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035 0.970 0.876 0.007	N/A 18.450 18.347 18.048 18.368 18.143 0.035 0.963 0.861 0.007	N/A 18.310 18.200 17.877 18.222 17.980 0.035 0.956 0.846
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill	0.012	N/A  22.000 22.000 22.000 22.000 22.000 0.092  1.128 1.128 0.012	N/A 21.724 21.722 21.717 21.722 21.719 0.089 1.116 1.115 0.011	N/A 21.454 21.450 21.439 21.451 21.443 0.086 1.105 1.101 0.011	N/A  21.192 21.185 21.166 21.186 21.172 0.083  1.094 1.087 0.011	N/A 20.936 20.926 20.899 20.928 20.908 0.077 1.083 1.074 0.011	N/A  20.689 20.677 20.640 20.679 20.651 0.070  1.072 1.059 0.010	N/A  20.457 20.441 20.392 20.444 20.408 0.063  1.062 1.045 0.010	N/A  20.241 20.219 20.157 20.224 20.177 0.055  1.052 1.030 0.010	N/A 20.039 20.012 19.933 20.017 19.958 0.052 1.042 1.015 0.009	N/A 19.849 19.816 19.719 19.823 19.750 0.048 1.033 1.000 0.009	N/A 19.671 19.631 19.514 19.639 19.552 0.046 1.024 0.985 0.009	N/A 19.499 19.452 19.315 19.462 19.359 0.044 1.016 0.969 0.008	N/A 19.334 19.280 19.121 19.290 19.171 0.041 1.007 0.953 0.008	N/A 19.175 19.113 18.932 19.125 18.989 0.039 0.999 0.938 0.008	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036 0.992 0.922 0.008	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036 0.984 0.906 0.007	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891 0.007	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035 0.970 0.876 0.007	N/A 18.450 18.347 18.048 18.368 18.143 0.035 0.963 0.861 0.007	N/A 18.310 18.200 17.877 18.222 17.980 0.035 0.956 0.846 0.006
Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.012	N/A  22.000 22.000 22.000 22.000 22.000 0.092  1.128 1.128 0.012	N/A 21.724 21.722 21.717 21.722 21.719 0.089 1.116 1.115 0.011	N/A 21.454 21.450 21.439 21.451 21.443 0.086 1.105 1.101 0.011	N/A  21.192 21.185 21.166 21.186 21.172 0.083  1.094 1.087 0.011	N/A  20.936 20.926 20.899 20.928 20.908 0.077  1.083 1.074 0.011	N/A  20.689 20.677 20.640 20.679 20.651 0.070  1.072 1.059 0.010	N/A  20.457 20.441 20.392 20.444 20.408 0.063  1.062 1.045 0.010	N/A  20.241 20.219 20.157 20.224 20.177 0.055  1.052 1.030 0.010	N/A 20.039 20.012 19.933 20.017 19.958 0.052 1.042 1.015 0.009	N/A 19.849 19.816 19.719 19.823 19.750 0.048 1.033 1.000 0.009	N/A 19.671 19.631 19.514 19.639 19.552 0.046 1.024 0.985 0.009	N/A 19.499 19.452 19.315 19.462 19.359 0.044 1.016 0.969 0.008	N/A 19.334 19.280 19.121 19.290 19.171 0.041 1.007 0.953 0.008	N/A 19.175 19.113 18.932 19.125 18.989 0.039 0.999 0.938 0.008	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036 0.992 0.922 0.008	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036 0.984 0.906 0.007	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891 0.007	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035 0.970 0.876 0.007	N/A 18.450 18.347 18.048 18.368 18.143 0.035 0.963 0.861 0.007	N/A 18.310 18.200 17.877 18.222 17.980 0.035 0.956 0.846 0.006 0.000
Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill capacity Total hazardous landfill capacity Total hazardous landfill capacity	0.012	N/A  22.000 22.000 22.000 22.000 0.092  1.128 1.128 0.012  0.000  N/A	N/A 21.724 21.722 21.717 21.722 21.719 0.089 1.116 1.115 0.0011 0.000 1/A N 0.055	21.454 21.450 21.439 21.451 21.443 0.086 1.105 1.101 0.001 0.001 0.000 I/A N.	N/A  21.192 21.185 21.166 21.186 21.172 0.083  1.094 1.087 0.011  0.000 /A N	N/A  20.936 20.926 20.899 20.928 20.908 0.077  1.083 1.074 0.011  0.000 /A N	N/A  20.689 20.677 20.640 20.679 20.651 0.070  1.072 1.059 0.010  0.000 (A N	N/A  20.457 20.441 20.392 20.444 20.408 0.063  1.062 1.045 0.010  0.000 /A N.	N/A  20.241 20.219 20.157 20.224 20.177 0.055  1.052 1.030 0.010  0.000 /A N.	N/A  20.039 20.012 19.933 20.017 19.958 0.052 1.042 1.015 0.009 0.000 /A N/	N/A  19.849 19.816 19.719 19.823 19.750 0.048 1.033 1.000 0.009 0.000 /A N	N/A  19.671 19.631 19.514 19.639 19.552 0.046  1.024 0.985 0.009  0.000 /A N.	N/A  19.499 19.452 19.315 19.462 19.359 0.044  1.016 0.969 0.008  0.000 VA N/	N/A  19.334  19.280  19.121  19.290  19.171  0.041  1.007  0.953  0.008  0.000  A  N/	N/A 19.175 19.113 18.932 19.125 18.989 0.039 0.999 0.938 0.008	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036 0.992 0.992 0.008	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036 0.984 0.906 0.007	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891 0.007	N/A N/A 18.591 18.496 18.206 18.515 18.308 0.035 0.970 0.876 0.007	N/A 18.450 18.347 18.048 18.368 18.143 0.035 0.963 0.861 0.007	N/A  18.310  18.200  17.877  18.222  17.980  0.035  0.956  0.846  0.006  0.000  (A
Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery) Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.012 0.000 N 0.055 0.000	N/A  22.000 22.000 22.000 22.000 0.092  1.128 0.012  0.000  J/A  0.055 0.000	N/A  21.724 21.722 21.717 21.722 21.719 0.089  1.116 1.115 0.001  0.000 I/A  0.055 0.000	21.454 21.450 21.439 21.451 21.443 0.086 1.105 1.101 0.011 0.001 0.000 I/A N.	21.192 21.185 21.166 21.186 21.172 0.083 1.094 1.087 0.011 0.000 /A N	N/A  20.936 20.926 20.899 20.928 20.908 0.077  1.083 1.074 0.011  0.000 /A N  0.055	N/A  20.689 20.677 20.640 20.679 20.651 0.070  1.072 1.059 0.010  0.000 /A  0.055 0.000	N/A  20.457 20.441 20.392 20.448 20.63  1.062 1.045 0.010  0.000 /A  N.  0.055 0.000	N/A  20.241 20.219 20.157 20.224 20.177 0.055  1.052 1.030 0.010  0.000 /A N.	N/A  20.039 20.012 19.933 20.017 19.958 0.052  1.042 1.015 0.009  0.000 /A  0.055 0.000	N/A  19.849 19.816 19.719 19.823 19.750 0.048  1.033 1.000 0.009  0.000 /A N.	N/A  19.671 19.631 19.514 19.632 19.552 0.046  1.024 0.985 0.009  0.000 /A N.  0.055	N/A  19.499 19.452 19.315 19.462 19.359 0.044  1.016 0.969 0.008  0.000 A N/	N/A  19.334 19.280 19.121 19.290 19.171 0.041  1.007 0.953 0.008  0.000  A  N/  0.055 0.000	N/A  19.175 19.113 18.932 19.125 18.989 0.039  0.999 0.938 0.008  0.000 A  N  0.055 0.000	N/A N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036 0.992 0.922 0.008 0.000 /A N	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036 0.984 0.906 0.007 0.000 /A N	N/A N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891 0.007 0.000 /A N	N/A N/A 18.591 18.496 18.220 18.515 18.308 0.035 0.970 0.876 0.007	N/A  18.450 18.347 18.048 18.368 18.143 0.035  0.963 0.861 0.007  0.000 /A  N/	N/A  18.310 18.200 17.877 18.222 17.980 0.035  0.956 0.846 0.006  0.000  (A
Surplus/deficit capacity  Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RBT"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "treatment"  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other  Metal/ELU facility	0.012 0.000 N	N/A  22.000 22.000 22.000 22.000 0.092  1.128 1.128 0.012  0.000  N/A	N/A 21.724 21.722 21.717 21.722 21.719 0.089 1.116 1.115 0.0011 0.000 1/A N 0.055	21.454 21.450 21.439 21.451 21.443 0.086 1.105 1.101 0.001 0.001 0.000 I/A N.	N/A  21.192 21.185 21.166 21.186 21.172 0.083  1.094 1.087 0.011  0.000 /A N	N/A  20.936 20.926 20.899 20.928 20.908 0.077  1.083 1.074 0.011  0.000 /A N	N/A  20.689 20.677 20.640 20.679 20.651 0.070  1.072 1.059 0.010  0.000 (A N	N/A  20.457 20.441 20.392 20.444 20.408 0.063  1.062 1.045 0.010  0.000 /A N.	N/A  20.241 20.219 20.157 20.224 20.177 0.055  1.052 1.030 0.010  0.000 /A N.	N/A  20.039 20.012 19.933 20.017 19.958 0.052 1.042 1.015 0.009 0.000 /A N/	N/A  19.849 19.816 19.719 19.823 19.750 0.048 1.033 1.000 0.009 0.000 /A N	N/A  19.671 19.631 19.514 19.639 19.552 0.046  1.024 0.985 0.009  0.000 /A N.	N/A  19.499 19.452 19.315 19.462 19.359 0.044  1.016 0.969 0.008  0.000 VA N/	N/A  19.334  19.280  19.121  19.290  19.171  0.041  1.007  0.953  0.008  0.000  A  N/	N/A 19.175 19.113 18.932 19.125 18.989 0.039 0.999 0.998 0.008 0.000 A N.	N/A N/A 19.022 18.953 18.748 18.967 18.813 0.036 0.992 0.992 0.008	N/A N/A 18.877 18.799 18.570 18.814 18.643 0.036 0.984 0.906 0.007	N/A N/A 18.733 18.647 18.394 18.664 18.474 0.035 0.977 0.891 0.007	N/A N/A 18.591 18.496 18.206 18.515 18.308 0.035 0.970 0.876 0.007	N/A  18.450 18.347 18.048 18.368 18.143 0.035 0.963 0.861 0.007 0.000 /A N/	N/A  18.310  18.200  17.877  18.222  17.980  0.035  0.956  0.846  0.006  0.000  (A

(1) ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity

(2) ERM has assumed that 6% of the total "transfer" capacity will deliver recycling capacity
(2) ERM has assumed that 6% of the total "transfer" capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

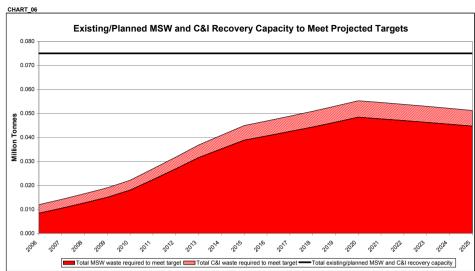
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Recovery residues (% by weight) MSW and C&I incineration (non-specialist) - bottom ash			6 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	30	n :	0 30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3		3 3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	9 :	i9 59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	2	2 12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	5 4	5 45		45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																				
MSW and C&I recycling	15	5	5 15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	5	5 15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15		5 15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	)	0 10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																				
Metal/ELV facility	10		0 10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored Closed	N/A N/A			N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
					IN/A	IN/A	N/A	IN/A	IN/A	IN/A	IN/A	IN/A	INA	IN/A	INA	N/A	IN/A	IN/A	IN/A	IN/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince	with the self-	f-sufficiend	y requiremen	ts of PPS10.																
OTAL RESIDUE (Million Tonnes)	2005	5 20	6 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):	0.000	3 0.0		0.005	0.000	0.007	0.000	0.040	0.011	0.040	0.040	0.044	0.045	0.045	0.040	0.017	0.040	0.016	0.010	0.040
MSW and C&I incineration (non-specialist) - bottom ash	0.003			0.005	0.006	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.015	0.016		0.016		0.016	0.016
MSW and C&I incineration (non-specialist) - fly ash	0.000			0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002
MSW and C&I to MBT	0.006			0.010	0.011	0.013	0.016	0.019	0.022	0.024	0.027	0.028	0.029	0.030	0.031	0.033	0.032	0.032	0.031	0.031
MSW and C&I to RDF	0.001			0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006
MSW and C&I treatment - non-hazardous	0.004				0.009	0.010	0.012	0.014	0.017	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.024	0.024	0.023
MSW and C&I treatment - hazardous	0.000				0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Hazardous waste recovery	N/A	N/A	N/A	N/A	N/A N	N/A N	I/A N	I/A N	'A N/	A N/	'A N/	A N/	A N/.	A N/.	A N	VA N	I/A N	1/A N	V/A N	/A
Recycling residues (of waste managed):																				
MSW and C&I recycling and composting	0.007			0.009	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.018	0.018	0.019	0.02
C&D recycling Hazardous waste recycling	0.003 N/A	3 0.0 N/A			0.003 N/A N/V	0.003 N/A N	0.003	0.003 I/A N	0.003 A N/	0.003 A N/	0.003 A N/A	0.003 A N/	0.003 A N/	0.004 A N/	0.004	0.004 VA N	0.004 I/A N	0.004 VA N	0.004 V/A N	0.00- /A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince	with the self-	f-sufficienc	y requiremen	ts of PPS10																
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (M		s)			0.013	0.014	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.022	0.022	0.023	0.023
	2005	5 20	6 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery canacity)	2000		2007	2000												2020	2021	2022		
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-bazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'		1 00			0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008				0.008	0.008
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'			0.002	0.002	0.003 0.003	0.003 0.003	0.004 0.004	0.005 0.005	0.006 0.006	0.006 0.006	0.007 0.007	0.007 0.007	0.007 0.007	0.008	0.008	0.008 0.008	0.008 0.008	0.008 0.008	0.008	
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineratis', Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	on' 0.001	1 0.0	02 0.002	0.002												0.008	0.008	0.008		0.008
) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	on' 0.001 0.001	1 0.0	02 0.002	0.002 0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incinerating Total MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)	on' 0.001 0.001	0.0	02 0.002 02 0.002 07 0.008	0.002 0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008
) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration")  Total MSW and C&I recovery by "Non-specialist incineration"  SCENARIO 2 Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 Assumes all recovery is by "treatment" (based on total recovery capacity)	on' 0.001 0.001 0.006	1 0.0 6 0.0 1 0.0	02 0.002 02 0.002 07 0.008 01 0.002	0.002 0.002 0.010 0.002	0.003 0.011 0.002	0.003 0.013 0.003	0.004 0.016 0.003	0.005 0.019 0.004	0.006 0.022 0.004	0.006 0.024 0.005	0.007 0.027 0.005	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.00
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	on' 0.001 0.001	1 0.0 6 0.0 1 0.0	02 0.002 02 0.002 07 0.008 01 0.002	0.002 0.002 0.010 0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008 0.008 0.033	0.008 0.008 0.032	0.008 0.008 0.032	0.008	0.008
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineratin', Total MSW and C&I recovery is non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	on' 0.001 0.001 0.001 0.004	1 0.0 6 0.0 1 0.0 4 0.0	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006	0.002 0.002 0.010 0.002 0.007	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incinerating". Total MSW and C&I recovery by "Non-specialist incineration". SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  2) Total MSW and C&I residue sent to non-hazardous landfill (by the sent to non-hazardous landfill) it was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.001 0.001 0.006 0.001 0.004	1 0.00 6 0.00 1 0.00 4 0.00 the original	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006	0.002 0.002 0.010 0.002 0.007	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites	0.001 0.001 0.006 0.004 rt landfill. In 1	1 0.00 6 0.00 1 0.00 4 0.00 the original	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006	0.002 0.002 0.010 0.002 0.007	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008
) Total MSW and C&I residue sent to non-hazardous landfill assuring all MSW and C&I recovery by "Non-specialist incineration"  Total MSW and C&I residue sent to inert landfill assuring all MSW and C&I recovery by "Non-specialist incineration"  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  ) It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to ine  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites) (C&D reused on exempt sites	0.001 0.001 0.000 0.001 0.004 rt landfill. In 1	1 0.00 6 0.00 1 0.00 4 0.00 the origina 9 % 1 %	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006	0.002 0.002 0.010 0.002 0.007	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008 0.031 0.006
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I recovery to incert to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites (C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill'	0.001 0.001 0.000 0.001 0.004 rt landfill. In t	1 0.00 6 0.00 1 0.00 4 0.00 the original	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006	0.002 0.002 0.010 0.002 0.007	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008 0.031 0.006
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I recovery to the toner to inter landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 5 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 6 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 7 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 8 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites sent to 'non-haz landfill'	0.001 0.001 0.000 0.001 0.004 rt landfill. In t	1 0.00 6 0.00 1 0.00 4 0.00 the origina 9 % 1 %	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006	0.002 0.002 0.010 0.002 0.007	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill assumed assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine  DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on exempt sites  C&D reused an landfill sites sent to 'non-haz landfill'	0.001 0.001 0.006 0.004 rt landfill. In 1 39 61 30	1 0.00 6 0.00 1 0.00 4 0.00 the original 9 % 1 % 0 %	02 0.002 02 0.002 07 0.008 01 0.002 01 0.006 01 model assu	0.002 0.002 0.010 0.002 0.007 mptions deve	0.003 0.011 0.002 0.009 eloped MEL	0.003 0.013 0.003 0.010 50% was as	0.004 0.016 0.003 0.012 ssumed to g	0.005 0.019 0.004 0.014 go to C&D re	0.006 0.022 0.004 0.017 ecycling, rath	0.006 0.024 0.005 0.018 her than to	0.007 0.027 0.005 0.020 inert landfi	0.007 0.028 0.006 0.021	0.007 0.029 0.006 0.022	0.008 0.030 0.006 0.023	0.008 0.031 0.006 0.024	0.008 0.008 0.003 0.007 0.025	0.008 0.008 0.032 0.007 0.025	0.008 0.008 0.032 0.006 0.024	0.008 0.031 0.006 0.024	0.008 0.031 0.006 0.023
Total MSW and C&I residue sent to non-hazardous landfill assuring all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I recive sent to inert landfill assuring all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assures all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assures all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assures all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  JEMP (CAPACITY CAPACITY CAPA	0.001 0.001 0.000 0.001 0.004 rt landfill. In t	1 0.00 6 0.00 1 0.00 4 0.00 the original 9 % 1 % 0 % 0 % 5 200	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006 01 model assu	0.002 0.002 0.010 0.002 0.007 mptions devi	0.003 0.011 0.002 0.009	0.003 0.013 0.003 0.010	0.004 0.016 0.003 0.012	0.005 0.019 0.004 0.014	0.006 0.022 0.004 0.017	0.006 0.024 0.005 0.018	0.007 0.027 0.005 0.020	0.007 0.028 0.006	0.007 0.029 0.006	0.008 0.030 0.006	0.008 0.031 0.006	0.008 0.008 0.033 0.007	0.008 0.008 0.032 0.007	0.008 0.008 0.032 0.006	0.008 0.031 0.006	0.008 0.031 0.006 0.023
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration"  Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration"  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites  (C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill	0.001 0.001 0.001 0.006 0.001 0.004 rt landfill. In 1 33 61 30 70	1 0.00 6 0.00 1 0.00 4 0.00 the origina 9 % 1 % 0 % 0 % 5 20 3 0.00	02 0.002 02 0.002 07 0.008 01 0.002 05 0.006 06 2007 03 0.003	0.002 0.002 0.010 0.002 0.007 mptions devi	0.003 0.011 0.002 0.009 eloped MEL	0.003 0.013 0.003 0.010 50% was as	0.004 0.016 0.003 0.012 ssumed to g	0.005 0.019 0.004 0.014 go to C&D re	0.006 0.022 0.004 0.017 ecycling, rath	0.006 0.024 0.005 0.018 her than to	0.007 0.027 0.005 0.020 inert landfi	0.007 0.028 0.006 0.021	0.007 0.029 0.006 0.022	0.008 0.030 0.006 0.023	0.008 0.031 0.006 0.024	0.008 0.008 0.003 0.007 0.005	0.008 0.008 0.032 0.007 0.025	0.008 0.008 0.032 0.006 0.024	0.008 0.031 0.006 0.024	0.00 0.03 0.00 0.02
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine   TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  1) C&D reused con landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill  1) C&D reuse on landfill sites sent lo 'non-hazardous landfill'  1) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that do	0.001 0.001 0.001 0.001 0.006 0.001 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.006	1 0.00 6 0.00 1 0.00 4 0.00 the origina 9 % 1 % 0 % 0 % 5 20 3 0.00	12 0.0022 12 0.002 17 0.008 11 0.002 15 0.006 1 model assu	0.002 0.002 0.010 0.002 0.007 mptions dev	0.003 0.011 0.002 0.009 eloped MEL 2009 0.002 0.002	0.003 0.013 0.003 0.010 50% was as	0.004 0.016 0.003 0.012 ssumed to g	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006	0.006 0.022 0.004 0.017 ecycling, rath	0.006 0.024 0.005 0.018 her than to i	0.007 0.027 0.005 0.020 inert landfi 2015 0.003	0.007 0.028 0.006 0.021 2016 0.003	0.007 0.029 0.006 0.022 2017 0.002	0.008 0.030 0.006 0.023 2018 0.002	0.008 0.031 0.006 0.024 2019 0.002	0.008 0.008 0.003 0.007 0.025	0.008 0.008 0.008 0.032 0.007 0.025	0.008 0.008 0.003 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.002	0.008 0.031 0.006 0.023
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to iner ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites sent to "non-haz landfill"  Total C&D reused on landfill sites sent to "non-haz landfill"  Total C&D reused on landfill sites sent to "inert landfill"  Total C&D reused on landfill sites sent to "inert landfill"  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused c&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that da OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.004 0.004 0.003 0.003 0.003 0.003 0.006	1 0.00 6 0.00 1 0.00 1 0.00 4 0.00 the origina 9 % 1 % 0 % 0 % 0 % 0 % 0 0 w over each su 5 200	22 0.002 22 0.002 27 0.008 20 0.002 27 0.008 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006	0.002 0.002 0.002 0.000 0.000 0.000 mptions devi	0.003 0.011 0.002 0.009 0.009 0.002 0.002 0.006 r C&D reuse	0.003 0.013 0.003 0.010 50% was at	0.004 0.016 0.003 0.012 ssumed to g  2011 0.002 0.006 neering ma	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006 tterial.	0.006 0.022 0.004 0.017 ecycling, rath	0.006 0.024 0.005 0.018 her than to a constant of the cons	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006	0.007 0.029 0.006 0.022 2017 0.002 0.006	0.008 0.030 0.006 0.023 2018 0.002 0.005	0.008 0.031 0.006 0.024 2019 0.002 0.005	0.008 0.008 0.003 0.007 0.025	0.008 0.008 0.032 0.007 0.025	0.008 0.008 0.008 0.032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.002 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration"   SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)   Total MSW and C&I residue sent to non-hazardous landfill   SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)   Total MSW and C&I residue sent to non-hazardous landfill   SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity)   Total MSW and C&I residue sent to non-hazardous landfill   SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)   Total MSW and C&I residue sent to non-hazardous landfill   It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to iner   TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)   C&D reused on landfill sites     C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   Total C&D reused on inert landfill     C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on landfill sites sent to 'non-haz landfill'   C&D reused on lan	0.001 0.001 0.001 0.001 0.006 0.001 0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.006	1 0.00 6 0.0 1 0.00 4 0.0 the origina 9 % 1 % 0 % 0 % 0 % 0 % 0 % 0 0 0 % 0 0 0 0	22 0.002 22 0.002 27 0.008 20 0.002 27 0.008 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006	0.002 0.002 0.002 0.000 0.000 0.000 mptions devi	0.003 0.011 0.002 0.009 0.009 0.002 0.002 0.006 r C&D reuse	0.003 0.013 0.003 0.010 50% was at	0.004 0.016 0.003 0.012 ssumed to g  2011 0.002 0.006 neering ma	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006	0.006 0.022 0.004 0.017 ecycling, rath	0.006 0.024 0.005 0.018 her than to a constant of the cons	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006	0.007 0.029 0.006 0.022 2017 0.002 0.006	0.008 0.030 0.006 0.023 2018 0.002 0.005	0.008 0.031 0.006 0.024 2019 0.002 0.005	0.008 0.008 0.003 0.007 0.0025	0.008 0.008 0.032 0.007 0.025	0.008 0.008 0.003 0.032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.002 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (-&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reuse in the special sent on the sample of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the charts because it has been assumed that date of the	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.004 rt landfill. In t	1 0.00 6 0.00 1 0.00 4 0.00 the original 9 % 1 0 % 0 % 5 20 3 0.00 6 0.00  by each su  N/A	02 0.002 07 0.008 07 0.008 01 0.002 05 0.006 01 0.002 05 0.006 06 2007 06 2007 07 0.008	0.002 0.002 0.010 0.002 0.007 0.007 mptions devi	0.003 0.011 0.002 0.009 eloped MEL 2009 0.002 0.006 r C&D reuse	0.003 0.013 0.003 0.010 50% was as 2010 0.002 0.006 e as an engi	0.004 0.016 0.003 0.012 ssumed to g  2011 0.002 0.006 neering ma	0.005 0.019 0.004 0.014 0.014 0.015 0.005 0.006 0.006 0.006 0.006 0.006	0.006 0.022 0.004 0.017 cycling, rath	0.006 0.024 0.005 0.018 0.018 0.018 0.003 0.006	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006	0.007 0.029 0.006 0.022 2017 0.002 0.006	0.008 0.030 0.006 0.023 2018 0.002 0.005	0.008 0.031 0.006 0.024 2019 0.002 0.005 2019 A N	0.008 0.008 0.003 0.003 0.007 0.025	0.008 0.008 0.003 0.002 0.007 0.025	0.008 0.008 0.0032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.005 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration Total MSW and C&I recovery by Non-specialist incineration Total MSW and C&I recovery by Non-specialist incineration's SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'WDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill in the charts because it has been assumed that de OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.004 0.004 0.003 0.003 0.003 0.003 0.006	1 0.00 6 0.00 1 0.00 4 0.00 the original 9 % 1 0 % 0 % 5 20 3 0.00 6 0.00  by each su  N/A	02 0.002 07 0.008 07 0.008 01 0.002 05 0.006 01 0.002 05 0.006 06 2007 06 2007 07 0.008	0.002 0.002 0.010 0.002 0.007 0.007 mptions devi	0.003 0.011 0.002 0.009 0.009 0.002 0.002 0.006 r C&D reuse	0.003 0.013 0.003 0.010 50% was at	0.004 0.016 0.003 0.012 ssumed to g  2011 0.002 0.006 neering ma	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006 tterial.	0.006 0.022 0.004 0.017 ecycling, rath	0.006 0.024 0.005 0.018 her than to a constant of the cons	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006	0.007 0.029 0.006 0.022 2017 0.002 0.006	0.008 0.030 0.006 0.023 2018 0.002 0.005	0.008 0.031 0.006 0.024 2019 0.002 0.005	0.008 0.008 0.003 0.007 0.025	0.008 0.008 0.032 0.007 0.025	0.008 0.008 0.008 0.032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.002 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuring all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inter Indiffil assuring all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assurines all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assurines all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assurines all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assurines all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  ( c&D reused on landfill sites sent to 'non-haz landfill'  ( c&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total C&D reused on non-hazardous landfill  C&D reused C&D on inert landfill  ( c&D reused C&D on inert landfill  C C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that da  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	on' 0.0010 0.001 0.001 0.001 0.001 0.001 0.004 rt landfill. In 1 38 61 30 77 2006 0.006 0.006	1 0.00 6 0.0 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 2 0	00 2007 00 000 00 000 00 000 00 000 00 000 00 000 00 000 00 000 00 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000	0.002 0.002 0.010 0.002 0.007 0.007 mptions devi	0.003 0.011 0.002 0.009 0.009 0.002 0.006 r C&D reuse 2009 N/A N	0.003 0.013 0.003 0.010 50% was as  2010 0.002 0.006 e as an engi	0.004  0.016  0.003  0.012  ssumed to g  2011  0.002  0.006  neering ma  2011  //A  N	0.005 0.019 0.004 0.014 0.014 0.015 0.006 0.006 0.003 0.006 0.006 0.008 0.006 0.008	0.006 0.022 0.004 0.017 ccycling, rath	0.006 0.024 0.005 0.018 her than to i	0.007 0.027 0.005 0.020 0.020 inert landfi  2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006 2016 A N/	0.007 0.029 0.006 0.022 2017 0.002 0.006 2017 A N/	0.008 0.030 0.006 0.023 2018 0.002 0.005 2018 A N/	0.008 0.031 0.006 0.024 2019 0.002 0.005 2019 A N	0.008 0.008 0.003 0.003 0.007 0.0025	0.008 0.008 0.003 0.002 0.007 0.025 2021 0.005 0.005	0.008 0.008 0.0032 0.006 0.024 0.0024 0.002 0.005	0.008 0.031 0.006 0.024 2023 0.002 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration of Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'WDB' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D reused to nandfill sites sent to 'non-haz landfill' O c&D reused on landfill sites sent to 'non-haz landfill' O c&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that da OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill is not included within the charts because it has been assumed that da OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.004 rt landfill. In t	1 0.00 6 0.0 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 1 0.00 2 0	00 2007 00 000 00 000 00 000 00 000 00 000 00 000 00 000 00 000 00 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000	0.002 0.002 0.010 0.002 0.007 0.007 mptions devi	0.003 0.011 0.002 0.009 eloped MEL 2009 0.002 0.006 r C&D reuse	0.003 0.013 0.003 0.010 50% was as 2010 0.002 0.006 e as an engi	0.004 0.016 0.003 0.012 ssumed to g  2011 0.002 0.006 neering ma	0.005 0.019 0.004 0.014 0.014 0.015 0.005 0.006 0.006 0.006 0.006 0.006	0.006 0.022 0.004 0.017 cycling, rath	0.006 0.024 0.005 0.018 0.018 0.018 0.003 0.006	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006	0.007 0.029 0.006 0.022 2017 0.002 0.006	0.008 0.030 0.006 0.023 2018 0.002 0.005	0.008 0.031 0.006 0.024 2019 0.002 0.005 2019 A N	0.008 0.008 0.003 0.003 0.007 0.025	0.008 0.008 0.003 0.002 0.007 0.025	0.008 0.008 0.0032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.005 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDP" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "RDP" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatandfill SCENARIO 4 - Assumes all recovery is by "treatandfill SCENARIO 4 - Assumes all recovery is by "treatandfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  O&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that de OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECYCENT SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I recycling and compositing residue sent to hazardous landfill sexuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST Cased on	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.004 0.004 0.004 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005	1 0.00 3 0.00 1 0.00 1 0.00 4 0.00 4 0.00 1 9 % 1 % 9 % 1 % 9 % 1 % 9 % 1 % 9 % 1 % 9 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1	22 0.002 22 0.002 27 0.008 20 0.002 27 0.008 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006	2008 0.002 0.002 0.010 0.002 0.007 0.007 0.007	0.003 0.011 0.002 0.009 0.009 0.002 0.006 r C&D reuse 2009 0.007 0.001	0.003 0.013 0.003 0.010 50% was as 2010 0.002 0.006 e as an engi	0.004  0.016  0.003  0.012  ssumed to g  2011  0.002  0.006  neering ma  2011  2011  0.001	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006 sterial. 2012 0.001	0.006 0.022 0.004 0.017 0.017 2013 0.003 0.006 2013 0.001	0.006  0.024  0.005  0.018  er than to i	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006 2015 A N/	0.007 0.028 0.006 0.021 2016 0.003 0.006 2016 A N/ 2016 0.001	0.007 0.029 0.006 0.022 2017 0.002 0.006 2017 A N/ 2017 0.001	0.008 0.030 0.006 0.023 2018 0.002 0.005 2018 A N/ 2018 0.002	0.008 0.031 0.006 0.024 2019 0.002 0.005 2019 0.002	0.008 0.008 0.008 0.033 0.007 0.025 0.002 0.005	0.008 0.008 0.008 0.032 0.007 0.025 0.002 0.005	0.008 0.008 0.008 0.032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.002 0.005 2023 N/A N 2023 0.002	0.008 0.031 0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "Rob" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total reused C&D on inert landfill Total reused C&D on inert landfill Total reused on Index and non-hazardous landfill and solveloped MEL NOTE: C&D reuse on inert and non-hazardous landfill in to included within the charts because it has been assumed that da OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	on' 0.0010 0.001 0.001 0.001 0.001 0.001 0.004 rt landfill. In 1 38 61 30 77 2006 0.006 0.006	1 0.00 3 0.00 1 0.00 1 0.00 4 0.00 4 0.00 1 9 % 1 % 9 % 1 % 9 % 1 % 9 % 1 % 9 % 1 % 9 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1	22 0.002 22 0.002 27 0.008 20 0.002 27 0.008 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006 20 0.006	0.002 0.002 0.010 0.002 0.007 0.007 mptions devi	0.003 0.011 0.002 0.009 0.009 0.002 0.006 r C&D reuse 2009 N/A N	0.003 0.013 0.003 0.010 50% was as  2010 0.002 0.006 e as an engi	0.004  0.016  0.003  0.012  ssumed to g  2011  0.002  0.006  neering ma  2011  //A  N	0.005 0.019 0.004 0.014 0.014 0.015 0.006 0.006 0.003 0.006 0.006 0.008 0.006 0.008	0.006 0.022 0.004 0.017 ccycling, rath	0.006 0.024 0.005 0.018 her than to i	0.007 0.027 0.005 0.020 0.020 inert landfi  2015 0.003 0.006	0.007 0.028 0.006 0.021 2016 0.003 0.006 2016 A N/	0.007 0.029 0.006 0.022 2017 0.002 0.006 2017 A N/	0.008 0.030 0.006 0.023 2018 0.002 0.005 2018 A N/	0.008 0.031 0.006 0.024 2019 0.002 0.005 2019 A N	0.008 0.008 0.003 0.003 0.007 0.0025	0.008 0.008 0.003 0.002 0.007 0.025 2021 0.005 0.005	0.008 0.008 0.0032 0.006 0.024 0.0024 0.002 0.005	0.008 0.031 0.006 0.024 2023 0.002 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" ) SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "Total MSW and C&I recidence to the sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to iner  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that de  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is and the substance of total recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MSW (based on total recovery c	0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.004 0.004 0.004 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005	1 0.00 8 0.00 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00	22 0.002 22 0.002 27 0.008 20 0.002 27 0.008 20 0.006 20 0.0	2008 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.003 0.011 0.002 0.009 0.009 0.002 0.006 r C&D reuse 2009 0.007 0.001	0.003 0.013 0.003 0.010 50% was as 2010 0.002 0.006 e as an engi	0.004  0.016  0.003  0.012  ssumed to g  2011  0.002  0.006  neering ma  2011  2011  0.001	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006 sterial. 2012 0.001	0.006 0.022 0.004 0.017 0.017 2013 0.003 0.006 2013 0.001	0.006  0.024  0.005  0.018  er than to i	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006 2015 A N/	0.007 0.028 0.006 0.021 2016 0.003 0.006 2016 A N/ 2016 0.001	0.007 0.029 0.006 0.022 2017 0.002 0.006 2017 A N/ 2017 0.001	0.008 0.030 0.006 0.023 2018 0.002 0.005 2018 A N/ 2018 0.002 0.002	0.008 0.031 0.006 0.024 2019 0.002 0.005 2019 0.002	0.008 0.008 0.008 0.033 0.007 0.025 0.002 0.005	0.008 0.008 0.008 0.032 0.007 0.025 0.002 0.005	0.008 0.008 0.008 0.032 0.006 0.024	0.008 0.031 0.006 0.024 2023 0.002 0.005 2023 N/A N 2023 0.002	0.006 0.023 2024 0.002 0.005
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "Rob" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to ine ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total reused C&D on inert landfill Total reused C&D on inert landfill Total reused on Index and non-hazardous landfill and solveloped MEL NOTE: C&D reuse on inert and non-hazardous landfill in to included within the charts because it has been assumed that da OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.001 0.001	1 0.00 8 0.00 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00 1 1 0.00	22 0.002 22 0.002 27 0.008 20 0.002 27 0.008 20 0.006 20 0.0	2008 0.002 0.002 0.010 0.002 0.007 0.007 0.007	0.003 0.011 0.002 0.009 eloped MEL  2009 0.002 0.006 r C&D reuse 2009 0.001 0.001	0.003 0.013 0.003 0.010 50% was as 2010 0.002 0.006 e as an engi 2010 2010 0.001 0.001	0.004 0.016 0.003 0.012 ssumed to g  2011 0.002 0.006 neering ma 2011 0.001 0.0001	0.005 0.019 0.004 0.014 0.014 go to C&D re  2012 0.003 0.006  sterial. 2012 0.001 0.0001	0.006 0.022 0.004 0.017 0.017 2013 0.003 0.006 2013 A N/A 2013 0.001 0.000	0.006 0.024 0.005 0.018 her than to 1 2014 0.003 0.006 2014 A N/ 2014 0.001 0.000	0.007 0.027 0.005 0.020 inert landfi 2015 0.003 0.006 2015 A N// 2015 0.001	0.007 0.028 0.006 0.021 2016 0.003 0.006 2016 A N/ 2016 0.001 0.001	2017 A N/ 2017 0.000	0.008 0.030 0.006 0.023 2018 0.002 0.005 2018 A N/ 2018 0.002	0.008 0.031 0.006 0.024 0.002 0.002 0.005 2019 2019 0.002 0.002 0.000	0.008 0.008 0.008 0.033 0.007 0.025 0.002 0.005	0.008 0.008 0.008 0.032 0.007 0.025 0.002 0.005	0.008 0.008 0.008 0.002 0.002 0.002 0.002 0.002 0.005	0.008 0.031 0.006 0.024 2023 0.002 0.005 2023 0.002 0.005	0.008 0.031 0.006 0.023 2024 0.002 0.005 2024 0.002 0.005

NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.

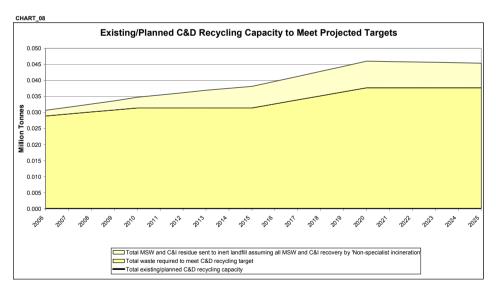
Total hazardous waste recycling and recovery residue sent to hazardous landfill

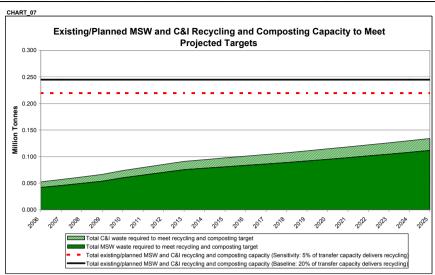




Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

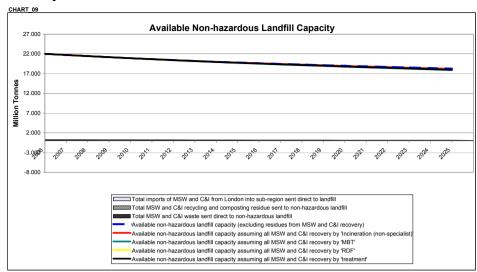
NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.

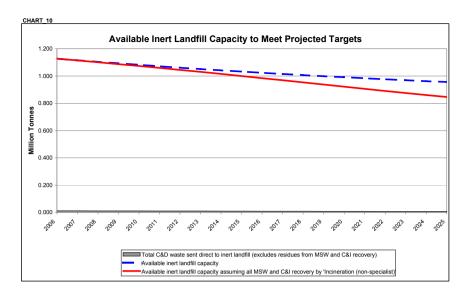




Existing/planned MSW and C&I recycling capacity includes "MRF", 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)

NOTE: This capacity does not represent the quantity of material that is recycled and composted.





#### SUMMARY DATA AND RESULTS FOR OXFORDSHIRE

	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 0.447	2020	2021	2022	2023	2024
	s from london that are sent direct to non-hazardous landfill		0.346 0.108	0.354 0.106	0.363 0.103	0.372 0.100	0.382 0.097	0.389 0.092	0.397 0.086	0.405 0.081	0.413 0.076	0.421 0.070	0.428 0.067	0.434 0.064	0.441 0.061	0.058	0.454 0.056	0.461 0.054	0.468 0.053	0.475 0.052	0.482 0.051
ki kI = imnorts	from london that are sent direct to non-hazardous landfill		0.585 0.183	0.599 0.179	0.614 0.174	0.630 0.169	0.646 0.165	0.658 0.155	0.672	0.685 0.137	0.699 0.128	0.713 0.119	0.723 0.114	0.734 0.109	0.745 0.104	0.756 0.099	0.768 0.094	0.776 0.092	0.783	0.791 0.087	0.799
d Imports	norm london that are sent direct to normazardous landini		0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755
zardous			0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070
ASTE STR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW	LATS shortfall (how much extra is landfilled above LATS target)		-0.029	-0.024	-0.018	-0.009	0.003	0.007	0.011	0.015	0.008	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.004	-0.004	-0.004	-0.004
	Recycling and composting target		0.111	0.120	0.131	0.141	0.155	0.169	0.183	0.197	0.204	0.211	0.218	0.226	0.234	0.241	0.250	0.258	0.267	0.275	0.284
	Recovery target		0.022	0.028	0.033	0.039	0.046 0.180	0.058	0.070	0.082	0.092	0.101	0.106	0.111	0.116	0.122	0.127	0.125	0.123	0.122	0.119
i	Non-hazardous landfill Recycling and composting target		0.213	0.206	0.199	0.191	0.180	0.162	0.144	0.126	0.118	0.109	0.103	0.097	0.091	0.084	0.077	0.077	0.078	0.078	0.078
	Recovery target		0.083	0.086	0.090	0.093	0.023	0.105	0.114	0.123	0.133	0.143	0.146	0.150	0.154	0.157	0.161	0.160	0.158	0.157	0.155
	Non-hazardous landfill		0.256	0.249	0.242	0.234	0.226	0.217	0.208	0.199	0.189	0.178	0.172	0.166	0.159	0.153	0.146	0.143	0.139	0.136	0.133
	Recycling target		0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453
	Recovery target Inert landfill		0.267	0.263	0.258	0.254	0.249 0.128	0.254	0.258	0.263	0.267	0.272	0.260	0.248	0.236	0.223	0.211	0.214	0.217	0.220	0.223
ardous	men tandini Hazardous waste		0.051	0.137	0.134	0.055	0.056	0.124	0.119	0.060	0.110	0.106	0.103	0.100	0.065	0.094	0.091	0.068	0.068	0.062	0.079
u. u. u. u	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	odel assume															0.007	0.000	0.000	0.000	0.070
	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (	Million To 2006	nnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
v and Ca	I recovery Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		0.150 0.045	0.150 0.036	0.150 0.027	0.150 0.017	0.150 0.007	0.150 -0.013	0.150 -0.034	0.150 -0.055	0.150 -0.074	0.150 -0.094	0.150 -0.102	0.150 -0.111	0.150 -0.120	0.150 -0.129	0.150 -0.138	0.150 -0.135	0.150 -0.132	0.150 -0.128	0.150 -0.124
V and C8	I recycling and composting																				
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.419	0.391	0.362	0.332	0.298	0.271	0.244	0.216	0.195	0.173	0.152	0.170	0.110	0.088	0.065	0.045	0.002	0.002	-0.020
recyclin																					
	Total existing/planned C&D recycling capacity		0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107
	Surplus/deficit capacity		-0.240	-0.247	-0.255	-0.262	-0.270	-0.270	-0.270	-0.270	-0.270	-0.270	-0.285	-0.300	-0.315	-0.330	-0.345	-0.345	-0.345	-0.345	-0.345
recover	/ REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1 439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1 199	1 220	1 241	1 262	1.283
	Surplus/deficit capacity		1.527	1.448	1.369	1.290	1.211	1.186	1.160	1.135	1.109	1.084	1.065	1.046	1.026	1.007	0.988	1.006	1.024	1.041	1.059
rdous w	aste recycling																				
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ardous w	aste recovery  Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit canacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
-hazardo																					
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		11.110	10.261	9.428	8.612	7.813	7.036	6.296	5.593	4.929	4.294	3.690	3.100	2.527	1.969	1.428	0.903	0.382	-0.136	-0.651
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.096 11.053	10.231 10.142	9.381 9.242	8.546 8.353	7.728 7.476	6.929 6.614	6.164 5.778	5.434 4.966	4.738 4.181	4.070 3.414	3.429 2.665	2.802 1.927	2.189 1.200	1.591 0.483	1.008	0.440 -0.918	-0.124 -1.607	-0.684 -2.291	-1.240 -2.970
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		11.053	10.142	9.242	8.559	7.745	6.950	6.190	5.466	4.101	4.115	3.481	2.862	2.257	1.667	-0.223 1.092	0.533	-0.023	-0.574	-1.122
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		11.067	10.170	9.286	8.414	7.556	6.714	5.900	5.115	4.358	3.622	2.908	2.206	1.515	0.836	0.169	-0.485	-1.135	-1.780	-2.420
rt landfill																					
	Available inert landfill capacity		4.132	3.992	3.854	3.720	3.589	3.460	3.336	3.217	3.102	2.992	2.886	2.784	2.684	2.587	2.494	2.403	2.316	2.231	2.150
ardous la	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		4.118	3.961	3.807	3.654	3.503	3.353	3.205	3.058	2.912	2.768	2.626	2.486	2.347	2.210	2.074	1.940	1.810	1.683	1.560
ardous ia	notili Available bazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	•																				
	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
v	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%
(1	Total arisings of MSW using regional growth forecasts	0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482
(1	Forecast sub-regional growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1	Forecast sub-regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%
	Total arisings of MSW using sub-regional growth forecasts	0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482
	Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%
	Total arisings of C&I using regional growth forecasts	0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799
(1		3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	Forecast sub-regional level growth rate of C&I - per year (%)		120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%
(1	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%)	117%					0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799
(1	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts		0.585	0.599	0.614	0.630															
(1 (1 ardous	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	117% 0.571	0.585	0.599			2.50/	2.00/	2.00/	2.0%	2.00/	2.00/	1 50/	1 E0/	1 50/	1 E0/	1 E0/	1 00/	1.00/	1.09/	1 00/
(1 (1 ardous	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%)	117%	0.585		0.614 2.5% 115%	2.5%	2.5% 121%	2.0% 123%	2.0% 126%	2.0%	2.0%	2.0%	1.5%	1.5% 137%	1.5%	1.5% 141%	1.5% 144%	1.0%	1.0%	1.0%	1.0% 149%
(1 (1 ardous	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	117% 0.571 3.3%	0.585	0.599	2.5% 115%	2.5% 118%	121%	123%		2.0% 128% 0.060	131%	133%	1.5% 135% 0.063	137%	1.5% 139% 0.065	141%	144%	145%	146%	1.0% 148% 0.069	149%
(1 (1 ardous	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	117% 0.571 3.3% 107%	0.585 2.5% 109%	0.599 2.5% 112%	2.5%	2.5%			126%	128%			135%		139%					148%	
(1 (1 ardous	Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Total arisings of hazardous waste   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	117% 0.571 3.3% 107% 0.050 3.3% 107%	0.585 2.5% 109% 0.051 2.5% 109%	0.599 2.5% 112% 0.052 2.5% 112%	2.5% 115% 0.054 2.5% 115%	2.5% 118% 0.055 2.5% 118%	121% 0.056 2.5% 121%	123% 0.058 2.0% 123%	126% 0.059 2.0% 126%	128% 0.060 2.0% 128%	131% 0.061 2.0% 131%	133% 0.062 2.0% 133%	135% 0.063 1.5% 135%	137% 0.064 1.5% 137%	139% 0.065 1.5% 139%	141% 0.066 1.5% 141%	144% 0.067 1.5% 144%	145% 0.068 1.0% 145%	146% 0.068 1.0% 146%	148% 0.069 1.0% 148%	149% 0.070 1.0% 149%
(1 (1 ardous	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	117% 0.571 3.3% 107% 0.050 3.3%	0.585 2.5% 109% 0.051 2.5%	0.599 2.5% 112% 0.052 2.5%	2.5% 115% 0.054 2.5%	2.5% 118% 0.055 2.5%	121% 0.056 2.5%	123% 0.058 2.0%	126% 0.059 2.0%	128% 0.060 2.0%	131% 0.061 2.0%	133% 0.062 2.0%	135% 0.063 1.5%	137% 0.064 1.5%	139% 0.065 1.5%	141% 0.066 1.5%	144% 0.067 1.5%	145% 0.068 1.0%	146% 0.068 1.0%	148% 0.069 1.0%	149% 0.070 1.0%
(1 (1 ardous (2	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year	3.3% 107% 0.050 3.3% 107% 0.050 3.3% 107% 0.050	0.585 2.5% 109% 0.051 2.5% 109% 0.051	0.599 2.5% 112% 0.052 2.5% 112% 0.052	2.5% 115% 0.054 2.5% 115% 0.054	2.5% 118% 0.055 2.5% 118% 0.055	121% 0.056 2.5% 121% 0.056	123% 0.058 2.0% 123% 0.058	126% 0.059 2.0% 126% 0.059	128% 0.060 2.0% 128% 0.060	131% 0.061 2.0% 131% 0.061	133% 0.062 2.0% 133% 0.062	135% 0.063 1.5% 135% 0.063	137% 0.064 1.5% 137% 0.064	139% 0.065 1.5% 139% 0.065	141% 0.066 1.5% 141% 0.066	144% 0.067 1.5% 144% 0.067	145% 0.068 1.0% 145% 0.068	146% 0.068 1.0% 146% 0.068	148% 0.069 1.0% 148% 0.069	149% 0.070 1.0% 149% 0.070
(1 (1 ardous (2	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	117% 0.571 3.3% 107% 0.050 3.3% 107%	0.585 2.5% 109% 0.051 2.5% 109%	0.599 2.5% 112% 0.052 2.5% 112%	2.5% 115% 0.054 2.5% 115%	2.5% 118% 0.055 2.5% 118%	121% 0.056 2.5% 121%	123% 0.058 2.0% 123%	126% 0.059 2.0% 126%	128% 0.060 2.0% 128%	131% 0.061 2.0% 131%	133% 0.062 2.0% 133%	135% 0.063 1.5% 135%	137% 0.064 1.5% 137%	139% 0.065 1.5% 139%	141% 0.066 1.5% 141%	144% 0.067 1.5% 144%	145% 0.068 1.0% 145%	146% 0.068 1.0% 146%	148% 0.069 1.0% 148%	149% 0.070 1.0% 149%

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.299	0.292	0.284	0.277	0.269	0.262	0.247	0.233	0.218	0.203	0.189	0.181	0.173	0.165	0.157	0.150	0.146	0.143	0.139	0.136	0.133
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083

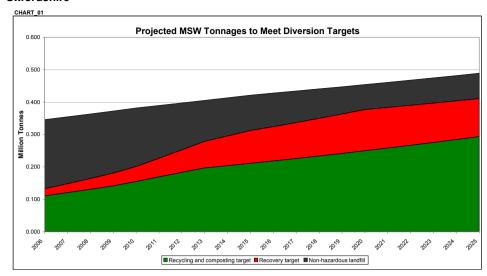
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

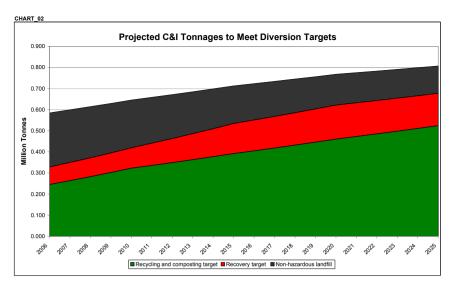
DATA_03: MANAGED V	WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482	0.489
msw - imports from londe	on that are sent direct to non-hazardous landfill	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
c&i		0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799	0.807
c&I - imports from londor	n that are sent direct to non-hazardous landfill	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083
c&d		0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755
hazardous		0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.071
DATA_04: TARGETS (%	% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (M	t)	0.179	0.173	0.165	0.153	0.139	0.122	0.108	0.095	0.081	0.078	0.074	0.071	0.067	0.064	0.060	0.057	0.057	0.057	0.057	0.057	0.057
recovered	1 (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled a	and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered	i (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled a	and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered	1 (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (	%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%	0)	N/A																				
recovered	1 (%)	N/A																				
recycled (	%)	N/A																				
(1) ERM has	assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					

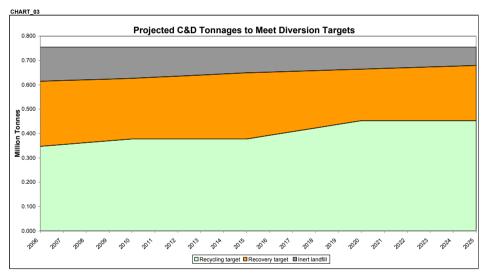
	DATA_05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
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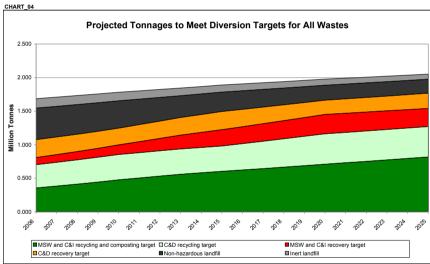
This first section of DATA\_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie

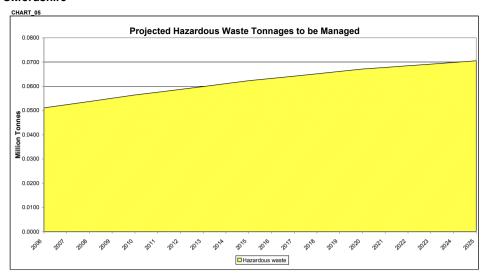
	insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.118	0.133	0.148	0.164	0.181	0.198	0.220	0.241	0.264	0.288	0.312	0.324	0.337	0.350	0.363	0.377	0.383	0.390	0.397	0.404	0.411
	Total MSW not-diverted by targets	0.219	0.213	0.206	0.199	0.191	0.183	0.170	0.156	0.141	0.126	0.110	0.103	0.097	0.091	0.084	0.077	0.077	0.078	0.078	0.078	0.078
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.149	0.145	0.140	0.135	0.130	0.125	0.115	0.106	0.096	0.085	0.074	0.070	0.066	0.062	0.057	0.052	0.053	0.053	0.053	0.053	0.053
	LATS shortfall (how much extra is landfilled above LATS target)	-0.030	-0.029	-0.024	-0.018	-0.009	0.003	0.007	0.011	0.015	0.008	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.003	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.005	0.008	0.010	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.101	0.111	0.120	0.131	0.141	0.155	0.169	0.183	0.197	0.204	0.211	0.218	0.226	0.234	0.241	0.250	0.258	0.267	0.275	0.284	0.293
	Recovery target	0.017	0.022	0.028	0.033	0.039	0.046	0.058	0.070	0.082	0.092	0.101	0.106	0.111	0.116	0.122	0.127	0.125	0.123	0.122	0.119	0.117
	Non-hazardous landfill	0.219	0.213	0.206	0.199	0.191	0.180	0.162	0.144	0.126	0.118	0.109	0.103	0.097	0.091	0.084	0.077	0.077	0.078	0.078	0.078	0.078
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.228	0.246	0.264	0.283	0.302	0.323	0.336	0.349	0.363	0.377	0.392	0.405	0.419	0.432	0.446	0.461	0.473	0.486	0.498	0.511	0.525
	Recovery target	0.080	0.083	0.086	0.090	0.093	0.097	0.105	0.114	0.123	0.133	0.143	0.146	0.150	0.154	0.157	0.161	0.160	0.158	0.157	0.155	0.153
	Non-hazardous landfill	0.262	0.256	0.249	0.242	0.234	0.226	0.217	0.208	0.199	0.189	0.178	0.172	0.166	0.159	0.153	0.146	0.143	0.139	0.136	0.133	0.129
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.340	0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453	0.453
	Recovery target	0.272	0.267	0.263	0.258	0.254	0.249	0.254	0.258	0.263	0.267	0.272	0.260	0.248	0.236	0.223	0.211	0.214	0.217	0.220	0.223	0.226
	Inert landfill	0.143	0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.075
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 0.071
hazardous	Hazardous waste	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.071
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011 0.505	2012 0.532	2013 0.560	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 0.818
	MSW and C&I recycling and composting target	0.329 0.340	0.356	0.384	0.413	0.444	0.478		0.532		0.581	0.603	0.623	0.644 0.408	0.666 0.423	0.688	0.710 0.453	0.731	0.752 0.453	0.774 0.453	0.796 0.453	
	C&D recycling target MSW and C&I recovery target	0.340	0.347 0.105	0.355	0.362 0.123	0.370	0.377	0.377 0.163	0.377	0.377 0.205	0.377 0.224	0.377 0.244	0.393 0.252	0.408	0.423	0.438 0.279	0.453	0.453 0.285	0.453	0.453	0.453	0.453 0.271
	C&D recovery target	0.097	0.105	0.114	0.123	0.133	0.143	0.163	0.164	0.263	0.224	0.244	0.252	0.248	0.270	0.279	0.200	0.205	0.262	0.278	0.274	0.271
	Non-hazardous landfill	0.482	0.469	0.456	0.256	0.426	0.406	0.254	0.256	0.263	0.267	0.272	0.260	0.246	0.250	0.223	0.211	0.214	0.217	0.220	0.223	0.226
	Northazadous anum Inert Jandfül	0.462	0.409	0.430	0.134	0.420	0.400	0.124	0.333	0.325	0.300	0.106	0.103	0.203	0.230	0.237	0.223	0.220	0.085	0.082	0.211	0.207
	Hazardous waste	0.143	0.140	0.137	0.134	0.131	0.126	0.124	0.119	0.060	0.110	0.106	0.103	0.100	0.065	0.094	0.091	0.068	0.068	0.062	0.079	0.075
	Hazardous waste	0.000	0.001	0.002	0.004	0.000	0.000	0.000	0.008	0.000	0.001	0.002	0.003	0.004	0.000	0.000	0.007	0.000	0.000	0.009	0.070	0.071











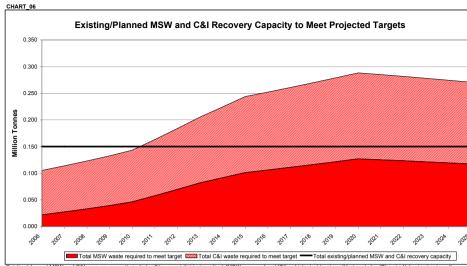
DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

Second	EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TOWNAGES TO EA	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Second																						
Company   Comp																						0.000
Tool Mark wisher regarded towned target from ear trapper from from target from ear trapper from ear trapper from from target from ear trapper																						0.150
This properties to meet tamped to meet tamped to meet tamped to mean tamped to meet tamped to mean tamped to meet tamped to																						0.150
Supplication close   1.5   1																						0.117
We was Cut recycling and composing part with was Cut in Cu																						0.153
Mon Mon Cal Involving  Mon Man Cal Involving	Surplus/deficit capacity	0.053	0.045	0.036	0.027	0.017	0.007	-0.013	-0.034	-0.055	-0.074	-0.094	-0.102	-0.111	-0.120	-0.129	-0.138	-0.135	-0.132	-0.128	-0.124	-0.121
Mode and Cal families																						
Total contemplation of composing gaspachy (assigner)																						0.713
Total seaters/plasment (SNS was Cut Sirveyching and compropting peoples) (Beastering-year) (Passet 1998)   Control of the co	MSW and C&I transfer																					0.259
Total substray plasment BNSW and CAS recogning and compositing paped (spensith Pr.) \$ 1 the number capacity (sheeps in expension)   \$0.778   \$0.7																						0.050
Total LSW waster required to meet required part encyceing sub comprosting target  1 0.10   0.111   0.122   0.131   0.141   0.155   0.160   0.185   0.185   0.187   0.294   0.221   0.226   0.224   0.226   0.228   0.227   0.228   0.227   0.228   0.227   0.228   0.228   0.227   0.228   0.228   0.228   0.227   0.228   0.2	(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814
Total Call Master required for meter feely/ring and composing larged.  1. 2. 2. 2. 2. 4. 0. 2.5. 0. 2.5. 0. 2.5. 0. 2.0. 0. 2. 0. 2.0. 0. 2. 0. 2.0. 0. 2. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 2.0. 0. 0. 2.0. 0.0. 0. 2.0. 0. 2.0. 0.	(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776
Suppliss offict capacity (Bassimer, 20% of Imanter capacity (Bassimer, 20% of Imanter, 20% of Imanter	Total MSW waste required to meet recycling and composting target	0.101	0.111	0.120	0.131	0.141	0.155	0.169	0.183	0.197	0.204	0.211	0.218	0.226	0.234	0.241	0.250	0.258	0.267	0.275	0.284	0.293
Supplicide fict againsty (Semiship 5% of transfer capacity (Semiship 5%	Total C&I waste required to meet recycling and composting target	0.228	0.246	0.264	0.283	0.302	0.323	0.336	0.349	0.363	0.377	0.392	0.405	0.419	0.432	0.446	0.461	0.473	0.486	0.498	0.511	0.525
Cab mark	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.485	0.458	0.430	0.401	0.371	0.337	0.310	0.282	0.255	0.233	0.212	0.191	0.170	0.149	0.127	0.104	0.083	0.062	0.041	0.019	-0.003
Total switzingsplasment C&D recycling capacity 1.017	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.446	0.419	0.391	0.362	0.332	0.298	0.271	0.244	0.216	0.195	0.173	0.152	0.131	0.110	0.088	0.065	0.045	0.024	0.002	-0.020	-0.042
Total waster ferugened to meet Cab recycling target to meet Cab recovery target to meet Cab recover target to meet Cab recovery target to meet Cab recover target target target target to meet Cab recover target targ	C&D recycling																					
Total waster ferugened to meet Cab recycling target to meet Cab recovery target to meet Cab recover target to meet Cab recovery target to meet Cab recover target target target target to meet Cab recover target targ	Total existing/planned C&D recycling capacity	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107
Part		0.340	0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453	0.453
Part	Surplus/deficit canacity	-0.232	-0.240	-0.247	-0.255	-0.262	-0.270	-0.270	-0.270	-0.270	-0.270	-0.270	-0.285	-0.300	-0.315	-0.330	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345
Sub-regional total waste required to meet C&D recovery target 1 0.272 0.287 0.283 0.284 0.284 0.284 0.284 0.285 0.287 0.287 0.280 0.248 0.236 0.207 0.208 0.208 0.207 0.208 0.208 0.207 0.208 0.208 0.207 0.208 0.208 0.207 0.208 0.208 0.208 0.207 0.208 0.208 0.207 0.208 0.																						
Sub-regional total waste required to meet CAD recovery larged (	(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1 627	1.544	1 460	1 439	1 418	1.398	1.377	1.356	1.325	1 293	1 262	1.231	1.199	1 220	1.241	1.262	1.283	1.304
Surplus of Read Engangly   1,000   1			0.267	0.263	0.258	0.254	0.249	0.254	0.258	0.263	0.267	0.272		0.248	0.236	0.223	0.211	0.214	0.217	0.220	0.223	0.226
Name																						1.077
Total existing/planned hazardous waste recycling capacity    NA   NA   NA   NA   NA   NA   NA   N		1.000	1.02		1.000	1.200		1.100	1.100	1.100	1.100	1.001	1.000	1.010	1.020	1.001	0.000	1.000	1.021	1.011	1.000	1.011
Total hazardous wastle to be recycled  NA N		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Surplus/deficit capacity / N/A N/A N/A N/A N/A N/A N/A N/A N/A N																						N/A
Hazardous waste recovery capacity   10 all existing/jament hazardous waste recovery   10 all existing/jament hazardous waste recove																						N/A
Total existing/planned hazardous waste recovery capacity  0.000 0.		1975	1975	14075	107	IVA	14075	14075	1475	14//5	14/75	1475	1000	1000	1907	107	14//5	1975	1000	14075	14//5	1975
Total hazardous waste to be recovered NNA N/A N/A N/A N/A N/A N/A N/A N/A N/A		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Surplise/feffict capacity   N/A																						N/A
Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)    11,675   11,110   10,261   9,428   8,612   7,813   7,036   6,296   5,593   4,929   4,294   3,860   3,100   2,527   1,969   1,428   0,903   0,382   -0,136   -0,1651   -1,140																						N/A
Available non-hazardous landfili capacity (excluding residues from MSW and C&I recovery by Incineration (non-specialist)' 11.675 11.096 10.231 9.381 8.546 7.728 6.929 6.164 5.434 4.738 4.070 3.429 2.802 2.189 1.591 1.008 0.903 0.382 4.043 -0.651 -1.1 4.0 4 1		1975	1975	14075	107	IVA	14075	14075	1475	14//5	14/75	1475	1000	1000	1907	107	14//5	1975	1000	14075	14//5	14/7
Available non-hazardous landfill capacity assuming all MSW and C&l recovery by MBT   11.675   11.086   10.142   9.381   8.546   7.728   6.929   6.164   5.748   4.73		11 675	11 110	10.261	0.420	0.612	7 012	7.026	6 206	E EO2	4.020	4 204	2 600	2 100	2 527	1.060	1 420	0.003	0.303	0.126	0.651	-1.162
Available non-hazardous landfili capacity assuming all MSW and C&I recovery by MBT 11.675 11.093 10.142 9.242 8.353 7.476 6.614 5.778 4.966 4.181 3.144 2.665 1.927 1.200 0.483 -0.223 0.918 1.607 2.291 2.970 3.8 Available non-hazardous landfili capacity assuming all MSW and C&I recovery by Tealment 11.675 11.099 10.237 9.390 8.559 7.745 6.950 6.910 5.466 4.766 4.181 3.414 2.665 1.927 1.627 1.627 1.020 0.483 -0.223 0.918 1.607 2.291 2.291 2.290 3.8 Available non-hazardous landfili capacity assuming all MSW and C&I recovery by Tealment 11.675 11.099 10.237 9.390 8.559 7.745 6.950 6.714 5.900 5.115 4.766 4.776 4.175 3.481 2.862 2.597 1.667 1.092 0.203 0.201 0.191 0.105 0.10																						-1.793
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' 11.675 1 1.067 1 1.070 1																						
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' 11.675   11.676   0.486   0																						
Total MSW and C&l waste sent direct to non-hazardous landfill inert landfill (apacity)  Available inert landfill (apacity)  4.276 4.118 3.961 3.807 3.654 3.70 3.689 3.460 3.305 3.25 0.306 0.287 0.276 0.263 0.250 0.237 0.223 0.20 0.217 0.214 0.211 0.21 0.214 0.211 0.211 0.214 0.211																						
Institution																						
Available inert landfill capacity Available inert landfill capacity 4.276 4.182 5.992 5.854 5.750 5.75		0.482	0.469	0.456	0.441	0.426	0.406	0.380	0.353	0.325	0.306	0.287	0.276	0.263	0.250	0.237	0.223	0.220	0.217	0.214	0.211	0.207
Available inert landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialisty' 4.276 4.118 3.961 3.807 3.654 3.503 3.353 3.205 3.058 2.912 2.768 2.626 2.486 2.347 2.210 2.074 1.940 1.810 1.683 1.560 1.47																						
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  0.143 0.140 0.137 0.134 0.131 0.128 0.124 0.119 0.115 0.110 0.105 0.101 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.105 0.101 0.101 0.105 0.101 0.101 0.105 0.101 0.101 0.105 0.101 0.1																						2.071
Hazardous Iandfill																						1.440
Available hazardous landfill capacity  Outline Total hazardous waste sent direct to hazardous landfill  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N		0.143	0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.075
Total hazardous waste sent direct to hazardous landfill  N/A																						
Other         Other           Metal/EL/ facility         0.227																						0.000
Metal/ELV facility  0.227 0.22		N	/A N	I/A N	/A N	A N	/A N	/A N	I/A N	/A N	/A N	/A N	I/A N	/A N/	A N	/A N	/A N	/A N	I/A N	/A N	/A N	/A
0.000 0.000																						
	Metal/ELV facility	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227		0.227		0.227	0.227	0.227	0.227	0.227	0.227	0.227
0.000 0.000	Ignored	0.000	0.000	0.000			0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

ESIDUE RATES (%) Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT MSW and C&I to RDF	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12
MSW and C&I treatment - non-hazardous	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45	12 45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																				
MSW and C&I recycling MSW and C&I transfer	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15
MSW and C&I transfer MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15 15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																				
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored Closed	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
					IWA	1075	IWA	IWA	1975	1975	1905	1602	INA	1975	160	1000	1975	1000	IVA	INA
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince																				
OTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	0.029	0.032	0.034	0.037	0.040	0.043	0.049	0.055	0.062	0.067	0.073	0.076	0.078	0.081	0.084	0.087	0.086	0.085	0.083	0.082
MSW and C&I incineration (non-specialist) - fly ash	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.009	0.009	0.008	0.008	0.008
MSW and C&I to MBT	0.057	0.062	0.067	0.073	0.078	0.085	0.096	0.109	0.121	0.132	0.144	0.149	0.154	0.159	0.165	0.170	0.168	0.166	0.164	0.162
MSW and C&I to RDF	0.012	0.013	0.014	0.015	0.016	0.017	0.020	0.022	0.025	0.027	0.029	0.030	0.031	0.032	0.033	0.035	0.034	0.034	0.033	0.033
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	0.044 0.005	0.047	0.051	0.055	0.060	0.064 0.007	0.073	0.083	0.092	0.101	0.110	0.113 0.013	0.117 0.013	0.121	0.126 0.014	0.130 0.014	0.128	0.127 0.014	0.125 0.014	0.124
Hazardous waste recovery		0.005 N/A N	0.006 /A N	0.006 I/A N/	0.007 A N/		0.008 'A N/	0.009 A N/	0.010 A N/A	0.011 A N/.	0.012 A N//			0.013 /A N/			0.014 I/A N		U.U14 I/A N.	
Recycling residues (of waste managed):	1970	va N	IN	ur ( N/	, iN/	, IN/	,, iN//	19/	. 19//	. 19/	. IN//	. 19/	. N	IN/		N	N		N	
MSW and C&I recycling and composting	0.049	0.053	0.058	0.062	0.067	0.072	0.076	0.080	0.084	0.087	0.090	0.093	0.097	0.100	0.103	0.107	0.110	0.113	0.116	0.119
C&D recycling Hazardous waste recycling	0.034 N/A I	0.035 N/A N	0.035	0.036 I/A N/	0.037 A N/	0.038 A N	0.038 A N/	0.038 A N/	0.038 A N/A	0.038	0.038	0.039	0.041 A N	0.042 /A N/	0.044	0.045 I/A N	0.045 /A N	0.045 I/A N	0.045 /A N	0.045 A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince	with the self-suffi	iciency requi	rements of F	PPS10.																
OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)								2012											2023	
									2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2024
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	2005 0.083	2006 0.088	0.093	2008 0.098	2009 0.104	2010 0.109	2011 0.113	0.118	0.122			0.133	0.137	0.142	0.147	0.152	0.155	0.158	0.161	
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.083	2006 0.088	0.093	0.098	0.104	0.109				0.125	0.128	0.133	0.137	0.142	0.147	0.152	0.155			
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (MII	0.083											0.133	0.137	2018	2019	2020	0.155			0.165
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mill SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.083 Ilion Tonnes) 2005	2006	2007	2008	2009	2010	0.113 2011	0.118 2012	0.122	2014	0.128 2015	2016	2017	2018	2019	2020	2021	0.158 2022	0.161	0.165
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.083 (lion Tonnes) 2005 (n' 0.015	0.088 2006 0.016	0.093 2007 0.017	0.098 2008 0.018	0.104 2009 0.020	0.109 2010 0.021	0.113 2011 0.024	0.118 2012 0.028	0.122 2013 0.031	0.125 2014 0.034	0.128 2015 0.037	2016	2017	2018	2019	2020	2021	0.158 2022 0.042	0.161 2023 0.042	0.165 2024 0.041
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.083 Ilion Tonnes) 2005	2006	2007	2008	2009	2010	0.113 2011	0.118 2012	0.122	2014	0.128 2015	2016	2017	2018	2019	2020	2021	0.158 2022	0.161	2024
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.083 (lion Tonnes) 2005 (n' 0.015	0.088 2006 0.016	0.093 2007 0.017	0.098 2008 0.018	0.104 2009 0.020	0.109 2010 0.021	0.113 2011 0.024	0.118 2012 0.028	0.122 2013 0.031	0.125 2014 0.034	0.128 2015 0.037	2016	2017	2018	2019	2020	2021	0.158 2022 0.042	0.161 2023 0.042	0.165 2024 0.041 0.041
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBF' (based on total recovery capacity)	0.083 (lion Tonnes) 2005 on' 0.015 0.015 0.057	0.088 2006 0.016 0.016 0.062	0.093 2007 0.017 0.017 0.067	0.098 2008 0.018 0.018 0.073	0.104 2009 0.020 0.020 0.078	0.109 2010 0.021 0.021 0.085	0.113 2011 0.024 0.024 0.096	0.118 2012 0.028 0.028 0.109	0.122 2013 0.031 0.031 0.121	0.125 2014 0.034 0.034 0.132	0.128 2015 0.037 0.037 0.144	2016 0.038 0.038 0.149	2017 0.039 0.039 0.154	2018 0.040 0.040 0.159	2019 0.042 0.042 0.165	2020 0.043 0.043 0.170	2021 0.043 0.043 0.168	0.158 2022 0.042 0.042 0.166	0.161 2023 0.042 0.042 0.164	0.165 2024 0.041 0.041 0.162
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.083 (lion Tonnes) 2005 (n' 0.015 0.015	0.088 2006 0.016 0.016	0.093 2007 0.017 0.017	0.098 2008 0.018 0.018	0.104 2009 0.020 0.020	0.109 2010 0.021 0.021	0.113 2011 0.024 0.024	0.118 2012 0.028 0.028	0.122 2013 0.031 0.031	0.125 2014 0.034 0.034	0.128 2015 0.037 0.037	2016 0.038 0.038	2017 0.039 0.039	2018 0.040 0.040	2019 0.042 0.042	2020 0.043 0.043	2021 0.043 0.043	0.158 2022 0.042 0.042	0.161 2023 0.042 0.042	0.165 2024 0.041 0.041
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineratio Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery papacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 2 - Assumes all recovery is by "RIPF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 2 - Assumes all recovery is by "RIPF" (based on total recovery capacity)	0.083 (lion Tonnes) 2005 on' 0.015 0.015 0.057	0.088 2006 0.016 0.016 0.062	0.093 2007 0.017 0.017 0.067	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096	0.118 2012 0.028 0.028 0.109	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027	0.128 2015 0.037 0.037 0.144	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154	2018 0.040 0.040 0.159 0.032	2019 0.042 0.042 0.165 0.033	2020 0.043 0.043 0.170	2021 0.043 0.043 0.168 0.034	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162 0.033
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" Total MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery papacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "PDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.083  llion Tonnes) 2005  n' 0.015 0.015 0.057 0.012	0.088 2006 0.016 0.016 0.062 0.013	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073	0.118 2012 0.028 0.028 0.109 0.022 0.083	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159	2019 0.042 0.042 0.165	2020 0.043 0.043 0.170 0.035	2021 0.043 0.043 0.168	0.158 2022 0.042 0.042 0.166	0.161 2023 0.042 0.042 0.164	0.165 2024 0.041 0.041 0.162 0.033
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by "Non-specialist Incineration" (based on total recovery capacity) Total MSW and C&I residue sent to inert landfil assuming all MSW and C&I recovery by "Non-specialist incineration" (based on total recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RD" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inertical to the control of the control	0.083  llion Tonnes) 2005  n' 0.015 0.015 0.057 0.012	0.088 2006 0.016 0.016 0.062 0.013	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073	0.118 2012 0.028 0.028 0.109 0.022 0.083	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032	2019 0.042 0.042 0.165 0.033	2020 0.043 0.043 0.170 0.035	2021 0.043 0.043 0.168 0.034	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162 0.033
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 10tal MSW and C&I recovery to by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.083  (lion Tonnes) 2005  n' 0.015 0.015 0.057 0.012 0.044 t landfill. In the o	0.088 2006 0.016 0.016 0.062 0.013 0.047 rriginal mode	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073	0.118 2012 0.028 0.028 0.109 0.022 0.083	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032	2019 0.042 0.042 0.165 0.033	2020 0.043 0.043 0.170 0.035	2021 0.043 0.043 0.168 0.034	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162 0.033
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites  (C&D reused on exempt sites	0.083	0.088  2006  0.016 0.016 0.016 0.062 0.013 0.047  rriginal mode	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073	0.118 2012 0.028 0.028 0.109 0.022 0.083	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032	2019 0.042 0.042 0.165 0.033	2020 0.043 0.043 0.170 0.035	2021 0.043 0.043 0.168 0.034	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162 0.033
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 10 total MSW and C&I recovery to the time Intelligence assumed assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Textement' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites (C&D reused on landfill sites sent to 'non-haz landfill'	0.083  (lion Tonnes) 2005  in' 0.015 0.015 0.057 0.012 0.044 t landfill. In the c	0.088  2006  0.016 0.016  0.062  0.047  original mode	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073	0.118 2012 0.028 0.028 0.109 0.022 0.083	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032	2019 0.042 0.042 0.165 0.033	2020 0.043 0.043 0.170 0.035	2021 0.043 0.043 0.168 0.034	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162 0.033
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'ROP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'ROP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on exempt sites  C&D reused an landfill sites  C&D reused an landfill sites	0.083	0.088  2006  0.016 0.016  0.062  0.047  original mode	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073	0.118 2012 0.028 0.028 0.109 0.022 0.083	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032	2019 0.042 0.042 0.165 0.033	2020 0.043 0.043 0.170 0.035	2021 0.043 0.043 0.168 0.034	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162 0.033
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'ROP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'ROP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on exempt sites  C&D reused an landfill sites  C&D reused an landfill sites	0.083  (lion Tonnes) 2005  in' 0.015 0.015 0.057 0.012 0.044 t landfill. In the c	0.088  2006  0.016 0.016  0.062  0.047  original mode	0.093 2007 0.017 0.017 0.067 0.014 0.051	0.098 2008 0.018 0.018 0.073 0.015	0.104 2009 0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.109 2010 0.021 0.021 0.085 0.017	0.113 2011 0.024 0.024 0.096 0.020 0.073 seed to go to 6	0.118 2012 0.028 0.028 0.109 0.022 0.083 C&D recycli	0.122 2013 0.031 0.031 0.121 0.025	0.125 2014 0.034 0.034 0.132 0.027 0.101 an to inert I	0.128 2015 0.037 0.037 0.144 0.029 0.110 andfi	2016 0.038 0.038 0.149 0.030 0.113	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032 0.121	2019 0.042 0.042 0.165 0.033 0.126	2020 0.043 0.043 0.170 0.035 0.130	2021 0.043 0.043 0.168 0.034 0.128	0.158 2022 0.042 0.042 0.166 0.034	0.161 2023 0.042 0.042 0.164 0.033	0.165 2024 0.041 0.041 0.162
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery pay "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery papacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "MBF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Totalment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites C&D reused on exempt sites C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill'	0.083	0.088  2006  0.016 0.016 0.062  0.013 0.047  original mode	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumption	0.098 2008 0.018 0.018 0.073 0.015 0.055 ns developed	0.104 2009 0.020 0.020 0.078 0.016	0.109 2010 0.021 0.021 0.085 0.017 0.064 was assum	0.113 2011 0.024 0.024 0.096 0.020 0.073 eled to go to (	0.118 2012 0.028 0.028 0.109 0.022 0.083 C&D recycli	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125 2014 0.034 0.034 0.132 0.027 0.101 an to inert I	0.128 2015 0.037 0.037 0.144 0.029 0.110	2016 0.038 0.038 0.149 0.030	2017 0.039 0.039 0.154 0.031 0.117	2018 0.040 0.040 0.159 0.032 0.121	2019 0.042 0.042 0.165 0.033 0.126	2020 0.043 0.043 0.170 0.035 0.130	2021 0.043 0.043 0.168 0.034 0.128	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161 2023 0.042 0.042 0.164 0.033 0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites  (C&D reused on exempt sites	0.083   lion Tonnes  2005   2005   0.015   0.015   0.012   0.044   t landfill. In the control of	0.088  2006  0.016 0.016  0.062  0.047  riginal mode	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumptio	0.098  2008  0.018 0.018 0.073  0.015  0.055  ns developed	0.104 2009 0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.109 2010 0.021 0.021 0.085 0.017 0.064 was assum	0.113 2011 0.024 0.024 0.096 0.020 0.073 seed to go to 6	0.118 2012 0.028 0.028 0.109 0.022 0.083 C&D recycli	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125 2014 0.034 0.034 0.132 0.027 0.101 an to inert I	0.128 2015 0.037 0.037 0.144 0.029 0.110 andfi	2016 0.038 0.038 0.149 0.030 0.113	2017 0.039 0.039 0.154 0.031	2018 0.040 0.040 0.159 0.032 0.121	2019 0.042 0.042 0.165 0.033 0.126	2020 0.043 0.043 0.170 0.035 0.130	2021 0.043 0.043 0.168 0.034 0.128	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161 2023 0.042 0.042 0.164 0.033 0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" of the MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MET" (based on total recovery papacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "MET" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "Totalment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  C&D reuser attes based on original model assumptions developed MEL	0.083	0.088  2006  0.016  0.016  0.062  0.013  0.047  riginal mode  %  %  2006  0.031  0.073	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071	0.098  2008  0.018 0.018 0.073  0.015  0.055  ns developed	0.104 2009 0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069	0.109 2010 0.021 0.021 0.085 0.017 0.064 was assum	0.113  2011  0.024 0.024 0.096 0.020 0.073  teed to go to 6	0.118 2012 0.028 0.028 0.109 0.022 0.083 C&D recycli	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125 2014 0.034 0.034 0.132 0.027 0.101 an to inert I	0.128 2015 0.037 0.037 0.144 0.029 0.110 andfi	2016 0.038 0.038 0.149 0.030 0.113	2017 0.039 0.039 0.154 0.031 0.117	2018 0.040 0.040 0.159 0.032 0.121	2019 0.042 0.042 0.165 0.033 0.126	2020 0.043 0.043 0.170 0.035 0.130	2021 0.043 0.043 0.168 0.034 0.128	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161 2023 0.042 0.042 0.164 0.033 0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" or total MSW and C&I recovery by "Non-specialist incineration" or total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "Totalment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on exempt sites  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat	0.083	0.088  2006  0.016  0.016  0.062  0.013  0.047  riginal mode  %  %  2006  0.031  0.073	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071	0.098  2008  0.018 0.018 0.073  0.015  0.055  ns developed	0.104 2009 0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069	0.109 2010 0.021 0.021 0.085 0.017 0.064 was assum	0.113  2011  0.024 0.024 0.096 0.020 0.073  teed to go to 6	0.118 2012 0.028 0.028 0.109 0.022 0.083 C&D recycli	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125 2014 0.034 0.034 0.132 0.027 0.101 an to inert I	0.128 2015 0.037 0.037 0.144 0.029 0.110 andfi	2016 0.038 0.038 0.149 0.030 0.113	2017 0.039 0.039 0.154 0.031 0.117	2018 0.040 0.040 0.159 0.032 0.121	2019 0.042 0.042 0.165 0.033 0.126	2020 0.043 0.043 0.170 0.035 0.130	2021 0.043 0.043 0.168 0.034 0.128	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161 2023 0.042 0.042 0.164 0.033 0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery paper)  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery paper)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  Total reused C&D on inert landfill  C&D reuse and sent landfill sites sent to 'non-haz landfill'  C&D reuse and non-hazardous landfill is not included within the charts because it has been assumed that dat NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat	0.083	0.088  2006  0.016 0.016 0.062  0.013 0.047  riginal mode % % % % % % ch sub-region	0.093  2007  0.017  0.017  0.067  0.014  0.051  assumption  2007  0.031  0.071	2008 2008 0.018 0.018 0.073 0.015 0.055 ns developed	0.104  2009  0.020 0.020 0.078  0.016 0.060  d MEL 50%  2009 0.030 0.069	0.109  2010  0.021 0.021 0.085  0.017  0.064  was assum  2010 0.029 0.068  an engineer	0.113  2011  0.024 0.024 0.096 0.020 0.073 seed to go to 6	0.118  2012  0.028 0.028 0.109  0.022 0.083  C&D recycli	0.122  2013  0.031  0.031  0.121  0.025  0.092  ng, rather th	0.125  2014  0.034 0.034 0.132  0.027  0.101  an to inert I	0.128  2015  0.037 0.037 0.144  0.029 0.110  andfi  2015 0.032 0.074	2016 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071	2017 0.039 0.039 0.154 0.031 0.117	2018 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020 0.043 0.043 0.170 0.035 0.130 2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128 2021 0.025 0.058	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161 2023 0.042 0.042 0.164 0.033 0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124 0.026 0.026 0.061
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" or total MSW and C&I recovery by "Non-specialist incineration" or total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "Totalment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert  DNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on exempt sites  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat	0.083	0.088  2006  0.016  0.016  0.062  0.013  0.047  riginal mode  %  %  2006  0.031  0.073	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071	0.098  2008  0.018 0.018 0.073  0.015  0.055  ns developed	0.104  2009  0.020 0.020 0.020  0.078  0.016  0.060  d MEL 50%	0.109  2010  0.021 0.021 0.085  0.017  0.064  was assurr  2010 0.029 0.068  an engineer	0.113  2011  0.024 0.024 0.096  0.020 0.073  ed to go to 6	0.118  2012  0.028 0.028 0.109  0.022 0.083  C&D recycli  2012 0.030 0.070	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125  2014  0.034  0.034  0.132  0.027  0.101  an to inert I	0.128  2015  0.037  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074	2016 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071	2017 0.039 0.039 0.154 0.031 0.117 2017 0.029 0.067	2018 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020 0.043 0.043 0.170 0.035 0.130 2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128 2021 0.025 0.058	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161 2023 0.042 0.042 0.164 0.033 0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061
OTAL MSW AND C& RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBF' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBF' (based on total recovery page)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert MSW and C&I residue sent to non-hazardous landfill sent sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  Total C&D reused on non-hazardous landfill'  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.083	0.088  2006  0.016 0.016 0.062 0.013 0.047  rriginal mode % % % 2006 0.031 0.073	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071	0.098  2008  0.018 0.018 0.073  0.015  0.055  ns developed	0.104  2009  0.020 0.020 0.020  0.078  0.016  0.060  d MEL 50%	0.109  2010  0.021 0.021 0.085  0.017  0.064  was assurr  2010 0.029 0.068  an engineer	0.113  2011  0.024 0.024 0.096  0.020 0.073  ed to go to 6	0.118  2012  0.028 0.028 0.109  0.022 0.083  C&D recycli  2012 0.030 0.070	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125  2014  0.034  0.034  0.132  0.027  0.101  an to inert I	0.128  2015  0.037  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074	2016 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071	2017 0.039 0.039 0.154 0.031 0.117 2017 0.029 0.067	2018 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020 0.043 0.043 0.170 0.035 0.130 2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128 2021 0.025 0.058	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161  2023  0.042 0.042 0.164  0.033  0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061
TOLI MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (MII  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery paper)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  C&D reused on andfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'inon-haz landfill'  Total C&D reused on non-hazardous landfill  Total C&D reused on non-hazardous landfill  Total c&D reused on inert landfill'  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat  VTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.083	0.088  2006  0.016 0.016 0.062 0.013 0.047  rriginal mode % % % 2006 0.031 0.073	0.093 2007 0.017 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071	0.098  2008  0.018 0.018 0.073  0.015  0.055  ns developed	0.104  2009  0.020 0.020 0.020  0.078  0.016  0.060  d MEL 50%	0.109  2010  0.021 0.021 0.085  0.017  0.064  was assurr  2010 0.029 0.068  an engineer	0.113  2011  0.024 0.024 0.096  0.020 0.073  ed to go to 6	0.118  2012  0.028 0.028 0.109  0.022 0.083  C&D recycli  2012 0.030 0.070	0.122 2013 0.031 0.031 0.121 0.025 0.092 ng, rather th	0.125  2014  0.034  0.034  0.132  0.027  0.101  an to inert I	0.128  2015  0.037  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074	2016 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071	2017 0.039 0.039 0.154 0.031 0.117 2017 0.029 0.067	2018 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020 0.043 0.043 0.170 0.035 0.130 2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128 2021 0.025 0.058	0.158 2022 0.042 0.042 0.166 0.034 0.127	0.161  2023  0.042 0.042 0.164  0.033  0.125	0.165 2024 0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery capacity) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery papacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sent on an	0.083	0.088  2006  0.016 0.016 0.062  0.013 0.047  original mode  % % % 2006 0.031 0.073  ch sub-region	0.093 2007 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071 n has accountable accountab	2008 2008 0.018 0.018 0.073 0.015 0.055 ns developed 2008 0.030 0.070 united for C&E 2008	0.104  2009  0.020 0.020 0.078  0.016 0.060  d MEL 50%  2009 0.030 0.069  D reuse as a 2009 A N/.	2010 0.021 0.021 0.085 0.017 0.064 was assurr	0.113  2011  0.024 0.024 0.096 0.020 0.073  ded to go to 6	2012 0.028 0.028 0.109 0.022 0.083 C&D recycli  2012 0.030 0.070	0.122  2013  0.031  0.031  0.121  0.025  0.092  ng, rather th  2013  0.031  0.071	0.125  2014  0.034  0.034  0.132  0.027  0.101  an to inert I	0.128  2015  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074	2016 0.038 0.038 0.149 0.030 0.113  2016 0.030 0.071	2017 0.039 0.039 0.154 0.031 0.117 2017 0.029 0.067	2018  0.040 0.040 0.159 0.032 0.121  2018 0.027 0.064	2019 0.042 0.042 0.165 0.033 0.126 2019 0.061	2020 0.043 0.043 0.170 0.035 0.130  2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128  2021 0.025 0.058	0.158  2022  0.042 0.042 0.166  0.034  0.127  2022 0.025 0.059	0.161  2023  0.042 0.042 0.164  0.033  0.125  2023  0.026 0.060	0.165 2024 0.041 0.041 0.162 0.033 0.124 0.026 0.061
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Total msw 'Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed in andfill sites sent to 'non-haz landfill'  C&D reused on andfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on inert landfill'  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill  Total reused C&D on inert landfill'  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill  Total reused C&D on inert landfill'  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW AND C&I residu	0.083	0.088  2006  0.016 0.016 0.062  0.013 0.047  original mode  % % % 2006 0.031 0.073  ch sub-region	0.093 2007 0.017 0.067 0.014 0.051 assumption 2007 0.031 0.071 n has accountable accountab	2008 2008 0.018 0.018 0.073 0.015 0.055 ns developed 2008 0.030 0.070 united for C&E 2008	0.104  2009  0.020 0.020 0.078  0.016 0.060  d MEL 50%  2009 0.030 0.069  D reuse as a 2009 A N/.	2010 0.021 0.021 0.085 0.017 0.064 was assurr	0.113  2011  0.024 0.024 0.096 0.020 0.073  ded to go to 6	2012 0.028 0.028 0.109 0.022 0.083 C&D recycli  2012 0.030 0.070	0.122  2013  0.031  0.031  0.121  0.025  0.092  ng, rather th  2013  0.031  0.071	0.125  2014  0.034  0.034  0.132  0.027  0.101  an to inert I	0.128  2015  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074	2016 0.038 0.038 0.149 0.030 0.113  2016 0.030 0.071	2017 0.039 0.039 0.154 0.031 0.117 2017 0.029 0.067	2018  0.040 0.040 0.159 0.032 0.121  2018 0.027 0.064	2019 0.042 0.042 0.165 0.033 0.126 2019 0.061	2020 0.043 0.043 0.170 0.035 0.130  2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128  2021 0.025 0.058	0.158  2022  0.042 0.042 0.166  0.034  0.127  2022 0.025 0.059	0.161  2023  0.042 0.042 0.164  0.033  0.125  2023  0.026 0.060	0.165 2024 0.041 0.041 0.162 0.033 0.124 0.026 0.061
TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery papacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert MNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill'  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill'  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill'  Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recover	0.083	0.088  2006  0.016 0.062  0.013  0.047  rriginal mode  % % % 2006 0.031  ch sub-region  2006 N/A  N 2006 0.003	2007 0.031 0.071 0.067 0.014 0.051 0.031 0.071 0.031 0.071 0.032 0.071 0.003	2008 2008 2008 0.018 0.018 0.073 0.015 0.055 0.055 0.030 0.070 unted for C&E 2008 2008 0.030 0.070 0.000	2009 0.020 0.020 0.020 0.078 0.016 0.060 0 MEL 50%  2009 0.030 0.069  D reuse as a 2009 A N/	2010 0.021 0.021 0.021 0.085 0.017 0.064 was assurr  2010 0.029 0.068 an engineer 2010 0.020 0.004	2011  2011  0.024 0.024 0.096 0.020 0.073  ted to go to 6  2011 0.030 0.069  ing material.  2011 2011 0.005	2012 0.028 0.028 0.028 0.109 0.022 0.083 C&D recycli  2012 0.030 0.070  2012 0.006	2013  0.031  0.031  0.031  0.121  0.025  0.092  ng, rather th  2013  0.031  0.071  2013  A N//  2013  0.006	0.125 2014 0.034 0.034 0.034 0.132 0.027 0.101 an to inert I 0.031 0.073  2014 0.031 0.073	2015  2015  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074  2015  0.007	2016  0.038 0.038 0.149 0.030 0.113  2016 0.030 0.071  2016 A N/	2017  0.039 0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 0.008	2018  0.040 0.040 0.040 0.159 0.032 0.121  2018 0.027 0.064  A N/ 2018 0.008	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020  0.043 0.043 0.170 0.035 0.130  2020 0.025 0.057  2020 0.025 0.057	2021  0.043 0.043 0.168 0.034 0.128  2021 0.025 0.058  2021 0.009	0.158 2022 0.042 0.042 0.166 0.034 0.127  2022 0.025 0.059	0.161  2023  0.042 0.042 0.164  0.033  0.125  2023  0.026 0.060  2023  0.020 0.060	0.165 2024 0.041 0.041 0.162 0.033 0.124 2024 0.061 2024 0.008
TALL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Totalmen' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sites  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill  C&D reused on inert and non-hazardous landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that dat  VTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MS	0.083	0.088  2006  0.016 0.016 0.062 0.013 0.047  riginal mode % % % % 2006 0.031 0.073  ch sub-region	2007 0.093 2007 0.017 0.067 0.014 0.051 0.051 0.031 0.071 0.031 0.071 0.031 0.071	2008 2008 2008 2008 0.018 0.073 0.015 0.055 0.055 0.030 0.070 2008 0.030 0.070 unted for C&L 2008 2008	2009 0.020 0.020 0.020 0.078 0.016 0.060 0.060 0.030 0.069 0.030 0.069 0.030 0.069	2010 0.021 0.021 0.021 0.085 0.017 0.064 was assurr	0.113  2011  0.024 0.024 0.096 0.020 0.073  teed to go to 6	0.118  2012  0.028 0.028 0.109 0.022 0.083  C&D recycli  2012 0.030 0.070	0.122  2013  0.031  0.031  0.121  0.025  0.092  ng, rather th  2013  0.031  0.071	0.125 2014 0.034 0.034 0.132 0.027 0.101 an to inert I	0.128  2015  0.037  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074  2015	2016  0.038 0.038 0.149 0.030 0.113  2016 0.030 0.071  2016 A N/	2017 0.039 0.039 0.154 0.031 0.117 2017 0.029 0.067	2018  0.040 0.040 0.159 0.032 0.121  2018 0.027 0.064  A N/ 2018	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020  0.043 0.043 0.170 0.035 0.130  2020 0.025 0.057	2021 0.043 0.043 0.168 0.034 0.128 2021 0.025 0.058	0.158  2022  0.042 0.042 0.166 0.034 0.127  2022 0.025 0.059	0.161  2023  0.042 0.042 0.164  0.033  0.125  2023  0.026 0.060	0.165 2024 0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (Date of the Covery capacity) (Date of the Covery by "Non-specialist incineration" (Date of the Covery capacity) (Date of the Covery by "Non-specialist incineration" (Date of the Covery capacity) (Date of the Covery by "Non-specialist incineration" (Date of the Covery capacity) (Date of the Covery by "Non-specialist incineration" (Date of the Covery by Non-specialist incineration" (Date of the Covery by Non-spec	0.083	0.088  2006  0.016 0.062 0.013 0.047  rriginal mode % % % 2006 0.031 0.073  ch sub-region 2006 N/A N 2006 0.003	2007 0.031 0.071 0.067 0.014 0.051 0.031 0.071 0.031 0.071 0.032 0.007 0.003 0.000	2008  2008  0.018 0.018 0.073 0.015 0.055  as developed 0.030 0.070  unted for C&E 2008 2008 0.030 0.070  2008 0.000	2009 0.020 0.020 0.020 0.078 0.016 0.060 0 MEL 50%  2009 0.030 0.069  D reuse as a 2009 0.004 0.000	2010 0.021 0.021 0.021 0.085 0.017 0.064 was assurr  2010 0.029 0.068 an engineer 2010 0.004 0.000	2011 0.024 0.024 0.096 0.020 0.073 ed to go to 6  2011 0.030 0.069 ing material. 2011 0.005 0.000	2012 0.028 0.028 0.028 0.109 0.022 0.083 C&D recycli  2012 0.030 0.070  2012 A N/ 2012 0.006 0.000	2013  0.031 0.031 0.025 0.092  ng, rather th  2013  2013  2013  2013  A N// 2013  0.006  0.000	0.125 2014 0.034 0.034 0.034 0.132 0.027 0.101 an to inert I 0.031 0.073 0.007 0.000	2015 0.037 0.037 0.144 0.029 0.110 andfi  2015 0.032 0.074  2015 0.007 0.000	2016  0.038 0.038 0.149 0.030 0.113  2016 0.030 0.071  2016 A N/ 2016 0.008 0.000	2017 0.039 0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 0.008 0.008	2018  0.040 0.040 0.040 0.159 0.032 0.121  2018 0.027 0.064  2018 0.008 0.008	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 0.006 0.000	2020 0.043 0.043 0.170 0.035 0.130  2020 0.025 0.057  2020 0.025 0.057	2021  0.043 0.043 0.168 0.034 0.128  2021 0.025 0.058  2021 0.009 0.000	0.158  2022  0.042 0.042 0.166 0.034 0.127  2022 0.025 0.059  2022 0.025 0.059	0.161  2023  0.042 0.042 0.164  0.033  0.125  2023  0.026 0.060  2023  0.008  0.008	0.165 2024 0.041 0.041 0.162 0.033 0.124 0.026 0.061 2024 0.006 0.000
DTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Mil SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by The (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by The (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert DNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  Total C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill in not included within the charts because it has been assumed that dat DTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 2 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)	0.083	0.088  2006  0.016 0.062  0.013  0.047  rriginal mode  % % % 2006 0.031  ch sub-region  2006 N/A  N 2006 0.003	2007 0.031 0.071 0.067 0.014 0.051 0.031 0.071 0.031 0.071 0.032 0.071 0.003	2008 2008 2008 0.018 0.018 0.073 0.015 0.055 0.055 0.030 0.070 unted for C&E 2008 2008 0.030 0.070 0.000	2009 0.020 0.020 0.020 0.078 0.016 0.060 0 MEL 50%  2009 0.030 0.069  D reuse as a 2009 A N/	2010 0.021 0.021 0.021 0.085 0.017 0.064 was assurr  2010 0.029 0.068 an engineer 2010 0.020 0.004	2011  2011  0.024 0.024 0.096 0.020 0.073  ted to go to 6  2011 0.030 0.069  ing material.  2011 2011 0.005	2012 0.028 0.028 0.028 0.109 0.022 0.083 C&D recycli  2012 0.030 0.070  2012 0.006	2013  0.031  0.031  0.031  0.121  0.025  0.092  ng, rather th  2013  0.031  0.071  2013  A N//  2013  0.006	0.125 2014 0.034 0.034 0.034 0.132 0.027 0.101 an to inert I 0.031 0.073  2014 0.031 0.073	2015  2015  0.037  0.144  0.029  0.110  andfi  2015  0.032  0.074  2015  0.007	2016  0.038 0.038 0.149 0.030 0.113  2016 0.030 0.071  2016 A N/	2017  0.039 0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 0.008	2018  0.040 0.040 0.040 0.159 0.032 0.121  2018 0.027 0.064  A N/ 2018 0.008	2019 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	2020  0.043 0.043 0.170 0.035 0.130  2020 0.025 0.057  2020 0.025 0.057	2021  0.043 0.043 0.168 0.034 0.128  2021 0.025 0.058  2021 0.009	0.158 2022 0.042 0.042 0.166 0.034 0.127  2022 0.025 0.059	0.161  2023  0.042 0.042 0.164  0.033  0.125  2023  0.026 0.060  2023  0.020 0.060	0.165  2024 0.041 0.041 0.162 0.033 0.124  2024 0.061

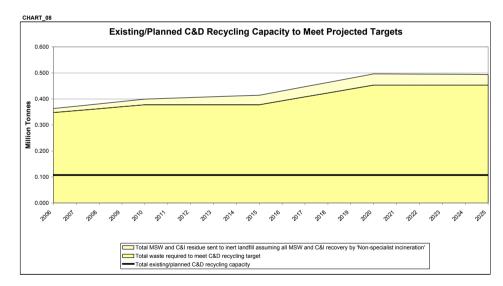
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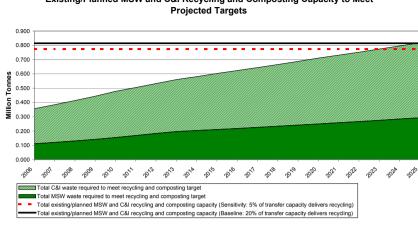
Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.

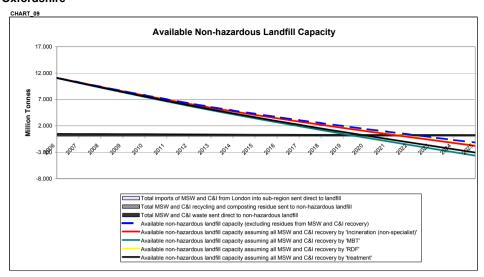


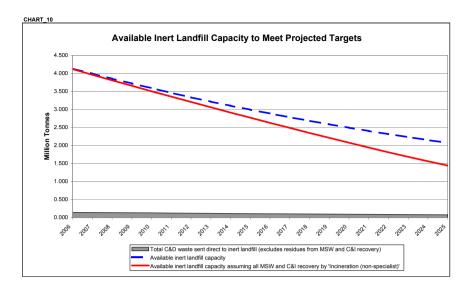






Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





### Surrey

#### SUMMARY DATA AND RESULTS FOR SURREY

MSW and Cold recycling and composting capacity (Baselines: 20% of transfer capacity (eleviens recycling)   1.617   1	SUMMAR	Y DATA AND RESULTS FOR SURREY																					
1	MANAGED W	ASTE USED TO GENERATE RESULTS (Million Tonnes)			2001	2000				LUIL	2010	2011				2010							2025
Section   Part		from london that are sent direct to non-hazardous landfill																					0.933
Series (1988) (1	c&i			0.838	0.859	0.880	0.902	0.925	0.943	0.962	0.981	1.001	1.021	1.036	1.052	1.067	1.083	1.100	1.111	1.122	1.133	1.144	1.156
Part		om london that are sent direct to non-hazardous landfill																					0.036 1.881
Part																							0.032
Part																							
Part																							-0.005
	IIIOW																						0.560
Maring and converse purphe series of the property of the prope																							0.224
Conversion   Con	c&i																						0.149
Section 1.				0.119			0.133	0.139	0.151		0.177	0.190	0.204	0.209	0.215		0.225		0.229	0.227		0.222	0.220
Series of the se	. 0.1																						0.185
The series of th	Coxu																						0.564
See 1-11 See																							0.18
The control of the co	hazardous		adal accuma															0.030	0.031	0.031	0.031	0.032	0.032
The start primers (18 most primers (18 m		Note. If there is a LATS shortiall, denoted by a positive humber, (le insufficient allowance to fail unit hor-diversed waste) then the file	Juei assuille	is mai mis c	xiia wasie i	is recycleur	composied a	and recover	eu at the sa	iiie ialio as	tile regiona	ii taiyets ioi	recycling/cc	imposting a	iliu recovery	y ioi tilat ye	ai.						
With Professional Supplication and Company growing flower control of the profession of the profession of company growing flower control of the profession of the professio	EXISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSA	AL ROUTE			0000	0000	2010	2011	0040	0040	0044	2015	0040	0047	0040	0040	0000	0004	0000	0000	0004	000
The infesting pure and Enforcement programmer of Enforcement programme	MSW and C&			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Mary and Changed and composing		Total existing/planned MSW and C&I recovery capacity																					0.14
The sensing survive Market will and Color supply of survive supply of survive supply survive s	MCM C^			-0.020	-0.035	-0.051	-0.067	-0.087	-0.121	-0.156	-0.192	-0.224	-0.256	-0.271	-0.285	-0.300	-0.316	-0.332	-0.326	-0.321	-0.315	-0.308	-0.302
The dissurs plane was also all any series of the supplied plane of the	IVISVV and Co			1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.61
		Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)																					1.30
California   Cal																							-0.30
The enemony planework of the contemporal peace	C&D recycling	Surplus/delicit capacity (Sensitivity, 5% of transfer capacity delivers recycling)		0.737	0.092	0.045	0.597	0.540	0.495	0.449	0.403	0.370	0.335	0.303	0.270	0.235	0.200	0.104	0.130	0.096	0.061	0.025	-0.01
Part																							0.000
Filt	C&D recover	Surplus/deficit capacity		-0.865	-0.884	-0.903	-0.922	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.978	-1.016	-1.053	-1.091	-1.129	-1.129	-1.129	-1.129	-1.129	-1.129
Supplies Microbin 1988   1989	Cablecovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Take interrupplaned pataerhole washed recogning papaerhole grangerhole granger		Surplus/deficit capacity		1.128	1.056	0.984	0.912	0.839	0.807	0.775	0.743	0.711	0.679	0.677	0.676	0.675	0.674	0.673	0.686	0.699	0.713	0.726	0.739
Supplication of the property o	Hazardous wa			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total estimicyplatent hazardous water flexowork passed the hazardous water flexowork passed thazardous water flexowork passed the hazardous water flexowork pas																							N/A
Suphast-policy and product of the pr																							
Non-hazardous larefill  Available non-hazardous larefill capacity (excluding residues from MSW and CAI recovery)  B 515 7477 6 55 5 505 4 273 5 272 2 317 1,400 0.540 0.278 -1.071 -1.851 -2.815 3.33 4.004 4.805 6.502																							0.000 N/A
Available non-hazardous landfit capacity assuming all MSW and CAI recovery by Internetion (non-specialisty) Available non-hazardous landfit capacity assuming all MSW and CAI recovery by National Nation	Non-hazardou	s landfill																					
Available non-hazardous landfit capabry samming all MSW and CAI recovery by NBT*  Available non-hazardous landfit capabry samming all MSW and CAI recovery by TOP*  8 515 730 620 500 504 51 51 51 51 51 51 51 51 51 51 51 51 51		Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)																					-7.653 -8.653
Available from Parazirous landfill capacity sassuming all MSW and Call recovery by Treinment 18.81 5 7.40 6 8.01 5 7.40 8 8.01 5																							-0.00
Institution		Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'																					-8.45
Available intert barried (page-by assuming all MSW and CAI recovery by 'Incineration (non-specialist)' 11.532 11.182 10.780 10.7	land landfil	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		8.515	7.354	6.205	5.067	3.942	2.837	1.764	0.722	-0.287	-1.279	-2.251	-3.216	-4.173	-5.120	-6.057	-6.983	-7.906	-8.825	-9.741	-10.654
Hazardous landfill   Available hazardous waste.	men andm	Available inert landfill capacity		11.532	11.182	10.840	10.505	10.178	9.858	9.549	9.252	8.966	8.692	8.428	8.172	7.924	7.683	7.450	7.224	7.006	6.796	6.592	6.397
Available hazardous landfill capacity Note: The model does not cortained data for the management of hazardous waste.  DATA_01: ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  TRIEW ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  30% 2.25% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.				11.532	11.158	10.789	10.425	10.067	9.713	9.365	9.023	8.687	8.358	8.035	7.717	7.405	7.098	6.796	6.499	6.211	5.931	5.659	5.396
Note: The model does not contain data for the management of hazardous waste.  DATA_01: ARISINGS AND GROWTH RATES OF MSW, C21 AND HAZARDOUS WASTE (Million Tonnes)  200 200 207 208 209 201 201 201 201 201 201 201 201 201 201	Hazardous la			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Arisings of MSW in baseline year  (1) Forecast repional level growth rate of MSW - per year (%)  (3,0% 2,5% 2,5% 2,5% 2,5% 2,5% 2,5% 2,5% 2,5				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Arisings of MSW in baseline year  (1) Forecast repional level growth rate of MSW - per year (%)  (3,0% 2,5% 2,5% 2,5% 2,5% 2,5% 2,5% 2,5% 2,5		MANUAL AND ADOUGH DATES OF MANUAL AND MATERIAL MARKET (MINISTER)	2005	0000	2007	0000	0000	2010	2011	0040	0040	0044	2015	0040	0047	0040	0040	0000	0004	0000	0000	0004	2025
(1) Forecast regional level growth rate of MSW - per year (%) (1) Forecast regional level growth rate of MSW - carmulative (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth forecasts (2) Forecast sub-regional growth rate of MSW - per year (%) (3) Forecast sub-regional growth rate of MSW - carmulative (%) (4) Forecast sub-regional growth rate of MSW - per year (%) (5) Forecast sub-regional growth rate of MSW - per year (%) (6) Forecast sub-regional growth rate of MSW - per year (%) (8) Forecast sub-regional grow			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
Total arisings of MSW using prejoral growth rote of MSW - per year (%)  (1) Forecast sub-regional growth rote of MSW - per year (%)  (2) 50% 20% 20% 20% 10% 10% 10% 10% 10% 10% 10% 10% 10% 1			3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1) Forecast sub-regional level growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - comulative (%) (3) Forecast sub-regional level growth rate of MSW - comulative (%) (4) Forecast sub-regional growth forecasts (5) Forecast sub-regional growth forecasts (6) Forecast sub-regional growth forecasts (6) Forecast sub-regional growth forecasts (7) Forecast regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (9) Forecast sub-regional level growth rate of Cal - per year (%) (1) Forecast sub-regional level growth rate of Cal - per year (%) (1) Forecast sub-regional level growth rate of Cal - per year (%) (1) Forecast sub-regional level growth rate of Cal - per year (%) (1) Forecast sub-regional level growth rate of Cal - per year (%) (2) Forecast sub-regional level growth rate of Cal - per year (%) (3) Forecast sub-regional level growth rate of Cal - per year (%) (4) Forecast sub-regional level growth rate of Cal - per year (%) (5) Forecast sub-regional level growth rate of Cal - per year (%) (6) Forecast sub-regional level growth rate of Cal - per year (%) (7) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Cal - per year (%) (8) Forecast sub-regional level growth rate of Pacardous waste - per year (%) (8) Forecast sub-regional level growth rate of Pacardous waste - per year (%) (8) Forecast sub-regional level growth rate of Pacardous waste - per year (%) (9) Forecast sub-regional level growth rate of Pacardous	(1)	Forecast regional level growth rate of MSW - cumulative (%)																					1499
(1) Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional level growth rate of C&I - per year (%)  (3) C&I in SW using sub-regional level growth rate of C&I - per year (%)  (4) Forecast regional level growth rate of C&I - per year (%)  (5) Forecast regional level growth rate of C&I - per year (%)  (6) Forecast sub-regional level growth rate of C&I - per year (%)  (7) Forecast sub-regional level growth rate of C&I - per year (%)  (8) C&I using regional growth forecasts  (8) C&I using sub-regional growth forecasts  (9) C&I using sub-regional growth fore			2.0%	2.0%	2.0%	2.0%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.866	0.879	0.892	0.905	0.919	0.93
cki   Arisings of C&I in baseline year			102%	104%	106%	108%	110%	112%	113%	114%	115%	116%	117%	118%	120%	121%	122%	123%	123%	124%	124%	125%	1269
(1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast sub-regional givel growth rate of C&I - per year (%) (1) Forecast sub-regional givel growth rate of C&I - per year (%) (1) Forecast sub-regional givel growth rate of C&I - per year (%) (2) Forecast sub-regional givel growth rate of C&I - per year (%) (3) Forecast sub-regional givel growth rate of C&I - per year (%) (4) Forecast sub-regional givel growth rate of C&I - per year (%) (5) Forecast sub-regional givel growth rate of C&I - per year (%) (6) Forecast sub-regional givel growth rate of C&I - per year (%) (7) Forecast sub-regional givel growth rate of C&I - per year (%) (8) Forecast sub-regional givel growth rate of C&I - per year (%) (8) Forecast sub-regional givel growth rate of C&I - per year (%) (8) Forecast sub-regional givel growth rate of C&I - per year (%) (8) Forecast sub-regional givel growth rate of C&I - per year (%) (9) Forecast sub-regional givel growth rate of C&I - per year (%) (10) Forecast sub-regional givel growth rate of C&I - per year (%) (11) Forecast sub-regional givel growth rate of C&I - per year (%) (12) Forecast sub-regional givel growth rate of C&I - per year (%) (13) Forecast sub-regional givel growth rate of C&I - per year (%) (14) Forecast sub-regional givel growth rate of C&I - per year (%) (15) Forecast sub-regional givel growth rate of C&I - per year (%) (16) Forecast sub-regional givel growth rate of C&I - per year (%) (17) Forecast sub-regional givel growth rate of Forecast sub-regional givel			0.637	0.650	0.663	0.676	0.690	0.696	0.703	0.710	0.718	0.725	0.732	0.739	0.747	0.754	0.762	0.765	0.769	0.773	0.777	0.781	0.785
(1) Forecast sub-regional level growth rate of C&I - cumulative (%) (8) (11% 11% 11% 11% 11% 11% 11% 11% 11% 11			3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1 5%	1 5%	1 5%	1 5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
(1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - per year (%) (2) Forecast sub-regional level growth rate of C&I - per year (%) (3) Forecast sub-regional level growth rate of C&I - per year (%) (4) Forecast sub-regional level growth rate of C&I - per year (%) (5) Forecast sub-regional level growth rate of hazardous waste - per year (%) (6) Forecast sub-regional level growth rate of hazardous waste - per year (%) (7) Forecast sub-regional level growth rate of hazardous waste - per year (%) (8) Forecast sub-regional level growth rate of hazardous waste - per year (%) (9) Forecast sub-regional level growth rate of hazardous waste - per year (%) (1) Forecast sub-regional level growth rate of hazardous waste - per year (%) (1) Forecast sub-regional level growth rate of hazardous waste - per year (%) (2) Forecast sub-regional level growth rate of hazardous waste - per year (%) (3) Forecast sub-regional level growth rate of hazardous waste - per year (%) (4) Forecast sub-regional level growth rate of hazardous waste - per year (%) (5) Forecast sub-regional level growth rate of hazardous waste - per year (%) (6) Forecast sub-regional level growth rate of hazardous waste - per year (%) (7) Forecast sub-regional level growth rate of hazardous waste - per year (%) (8) Forecast sub-regional level growth rate of hazardous waste - per year (%) (8) Forecast sub-regional level growth rate of hazardous waste - per year (%) (8) Forecast sub-regional level growth rate of hazardous waste - per year (%) (8) Forecast sub-regional level growth rate of hazardous waste - per year (%) (8) Forecast sub-regional level growth rate of hazardous waste - per year (%) (9) Forecast sub-regional level growth rate of managed C&D - per year (%) (9) Forecast sub-regional level growth rate of managed C&D - per year (%) (9) Forecast sub-regional level				113%	116%	119%	122%	125%	127%	130%	132%	135%	138%	140%	142%	144%		148%		151%	153%		156%
(i) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts  Arisings of C&I using sub-regional growth forecasts grow			0.817	0.838	0.859	0.880	0.902	0.925	0.943	0.962	0.981	1.001	1.021	1.036	1.052	1.067	1.083	1.100	1.111	1.122	1.133	1.144	1.15
Total arisings of Call using sub-regional growth freecasts in baseline year  2 Forecast regional level growth rate of hazardous waste per year (%)  3 3.3% 2 5.9% 2			1.7%	1.7%	1.7%	1.7%	1.7%	1.6%	1.6%	1.6%	1.6%	1.6%	123%	124%	125%	126%	127%	127%	127%	127%	127%	127%	1279
(2) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) 107% 109% 112% 113% 118% 113% 133% 135% 137% 139% 141% 144% 145% 148% 149% 108	(1)																						0.94
Forecast regional level growth rate of hazardous waste - cumulative (%) 107% 109% 112% 112% 118% 121% 129% 129% 129% 131% 131% 131% 135% 135% 137% 139% 141% 144% 145% 146% 148% 1499% 129% 129% 129% 129% 129% 129% 129% 1																							- T
Total arisings of hazardous waste																							1.09
(2) Forecast sub-regional level growth rate of hazardous waste - per year (%)  1.7% 1.7% 1.7% 1.7% 1.7% 1.8% 1.6% 1.6% 1.6% 1.6% 0.8% 0.8% 0.8% 0.8% 0.8% 0.8% 0.8% 0.8		Total arisings of hazardous waste																					0.03
Total arisings of hazardous waste 0.022 0.022 0.023 0.023 0.024 0.024 0.024 0.024 0.025 0.025 0.025 0.025 0.026 0.	(2)	Forecast sub-regional level growth rate of hazardous waste - per year (%)	1.7%	1.7%	1.7%	1.7%	1.7%	1.6%	1.6%	1.6%	1.6%	1.6%	0.8%	0.8%	0.8%	0.8%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.09
c8d Total managed C8D in baseline year (s) Forecast regional-level growth rate of managed C8D - per year (%) Forecast regional-level growth rate of managed C8D - cumulative (%)  100% 100% 100% 100% 100% 100% 100% 100																							1259
(3) Forecast regional-level growth rate of managed C&D - per year (%)  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	c&d		0.022	0.022	0.023	0.023	0.024	0.024	0.024	0.020	0.023	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.02
Forecast regional-level growth rate of managed C&D - cumulative (%)  100% 100% 100% 100% 100% 100% 100% 100		Forecast regional-level growth rate of managed C&D - per year (%)																					0.09
(s) Trust I i i i i i i i i i i i i i i i i i i		Forecast regional-level growth rate of managed C&D - cumulative (%)																					100%
	(3)	Total managed of Coop for the Sub-region	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.001	1.061

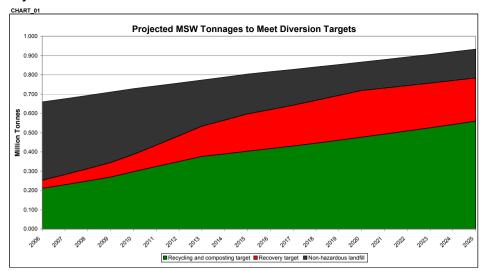
<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

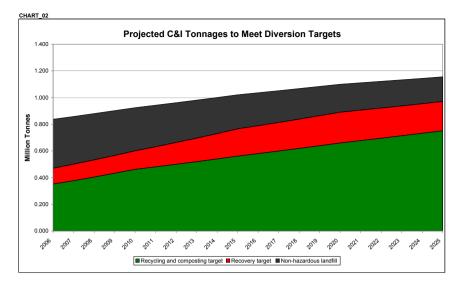
<sup>(7)</sup> Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste. (3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the property of the property

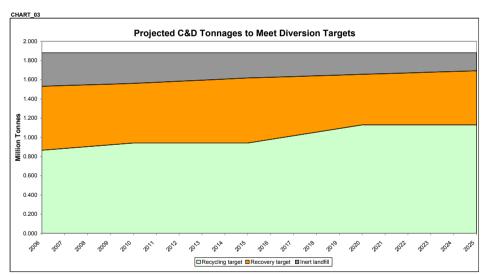
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

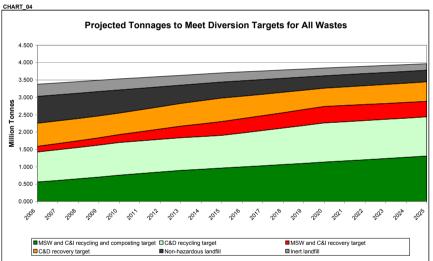
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	45%	45%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.065	0.063	0.062	0.060	0.059	0.057	0.054	0.051	0.047	0.044	0.041	0.039	0.038	0.036	0.034	0.033	0.032	0.031	0.031	0.030	0.029
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	45%	45%	45%	45%	45%	45%	45%	45%	45%	44%	44%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.066	0.065	0.063	0.062	0.060	0.058	0.055	0.051	0.048	0.045	0.041	0.040	0.038	0.036	0.035	0.033	0.032	0.032	0.031	0.030	0.030
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	55%	55%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.083	0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037	0.036
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	55%	55%	55%	55%	55%	55%	55%	55%	55%	56%	56%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.081	0.079	0.077	0.075	0.073	0.071	0.067	0.064	0.060	0.056	0.052	0.050	0.047	0.045	0.043	0.041	0.040	0.039	0.038	0.037	0.036

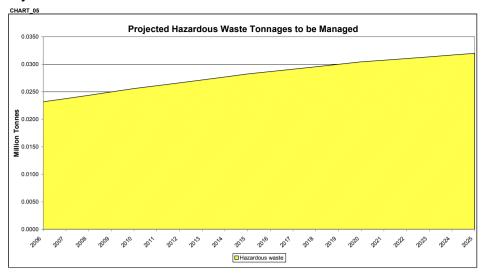
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.081	0.079	0.077	0.075	0.073	0.071	0.067	0.064	0.060	0.056	0.052	0.050	0.047	0.045	0.043	0.041	0.040	0.039	0.038	0.037	0.036
(	1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements und Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate											e Plan – do	wnloa									
	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	ts from london that are sent direct to non-hazardous landfill	0.643 0.065	0.659 0.063	0.676 0.062	0.693 0.060	0.710 0.059	0.728 0.057	0.742 0.054	0.757 0.051	0.772 0.047	0.788	0.804 0.041	0.816	0.828	0.840 0.036	0.853 0.034	0.866 0.033	0.879 0.032	0.892 0.031	0.905 0.031	0.919 0.030	0.933
	s from london that are sent direct to non-hazardous landfill	0.817 0.083	0.838 0.081	0.859	0.880	0.902 0.074	0.925 0.072	0.943 0.068	0.962 0.064	0.981 0.060	1.001 0.056	1.021 0.052	1.036 0.050	1.052 0.048	1.067 0.046	1.083 0.044	1.100 0.041	1.111 0.040	1.122 0.039	1.133 0.038	1.144 0.037	1.156 0.036
c&d hazardous		1.881 0.023	1.881 0.023	1.881 0.024	1.881 0.024	1.881 0.025	1.881 0.026	1.881 0.026	1.881 0.027	1.881 0.027	1.881 0.028	1.881 0.028	1.881 0.029	1.881 0.029	1.881 0.030	1.881 0.030	1.881 0.030	1.881 0.031	1.881 0.031	1.881 0.031	1.881 0.032	1.881 0.032
	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (	1) landfill (Mt) recovered (%)	0.325 5	0.316 6.4	0.301 7.8	0.282 9.2	0.258 10.6	0.229 12	0.204 14.4	0.178 16.8	0.153 19.2	0.146 21.6	0.140 24	0.133 24.8	0.126 25.6	0.120 26.4	0.113 27.2	0.107 28	0.107 27.2	0.107 26.4	0.107 25.6	0.107 24.8	0.107 24
	recycled and composted (%)	30 14	32.0	34.0 14.4	36.0 14.6	38.0	40	42.0	44.0	46.0 18.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0 19.4	60
c&i	recovered (%) recycled and composted (%)	14 40	14.2 42.0	14.4 44.0	14.6 46.0	14.8 48.0	15 50	16.0 51.0	17.0 52.0	18.0 53.0	19.0 54.0	20 55	20.2 56.0	20.4 57.0	20.6 58.0	20.8 59.0	21 60	20.6 61.0	20.2 62.0	19.8 63.0	19.4 64.0	19 65
c&d	recovered (%) recycled (%)	36 45	35.4 46.0	34.8 47.0	34.2 48.0	33.6 49.0	33 50	33.6 50.0	34.2 50.0	34.8 50.0	35.4 50.0	36 50	34.4 52.0	32.8 54.0	31.2 56.0	29.6 58.0	28 60	28.4 60.0	28.8 60.0	29.2 60.0	29.6 60.0	30 60
hazardous	landfill (%)	N/A																				
	recovered (%) recycled (%)	N/A N/A																				
	1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: \	NASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
msw	Total MSW to be recovered and recycled/composted to meet target	2005 0.225	2006 0.253	2007 0.283	2008 0.313	2009 0.345	2010 0.378	2011 0.419	2012 0.460	2013 0.504	2014 0.548	2015 0.595	2016 0.618	2017 0.642	2018 0.667	2019 0.693	2020 0.718	2021 0.731	2022 0.744	2023 0.757	2024 0.770	2025 0.783
	Total MSW not-diverted by targets	0.418	0.406	0.393	0.380	0.365	0.349	0.324	0.297	0.269	0.239	0.209	0.197	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149	0.149
	Percentage of MSW that is biodegradable (% by weight)  Total BMW not-diverted by targets	68 0.284	68 0.276	68 0.267	68 0.258	68 0.248	68 0.238	68 0.220	68 0.202	68 0.183	68 0.163	68 0.142	68 0.134	68 0.126	68 0.118	68 0.109	68 0.100	68 0.100	68 0.101	68 0.101	68 0.101	68 0.101
	LATS shortfall (how much extra is landfilled above LATS target)	-0.041	-0.039	-0.034	-0.024	-0.010	0.008	0.016	0.024	0.030	0.017	0.003	0.001	0.000	-0.002	-0.004	-0.007	-0.006	-0.006	-0.006	-0.006	-0.005
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14% 0.000	17%	19% 0.000	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34% 0.000	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall  Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002 0.006	0.004 0.012	0.007 0.017	0.009 0.021	0.005 0.012	0.001 0.002	0.000 0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target Recovery target	0.193 0.032	0.211 0.042	0.230 0.053	0.249 0.064	0.270 0.075	0.298 0.089	0.324 0.111	0.350 0.134	0.377 0.157	0.390 0.175	0.403 0.194	0.417 0.203	0.430 0.212	0.445 0.222	0.461 0.232	0.476 0.242	0.492 0.239	0.508 0.235	0.525 0.232	0.542 0.228	0.560 0.224
	Non-hazardous landfill	0.418	0.406	0.393	0.380	0.365	0.341	0.307	0.273	0.239	0.223	0.206	0.196	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149	0.149
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i	Recycling and composting target	2005 0.327	2006 0.352	2007 0.378	2008 0.405	2009 0.433	2010 0.462	2011 0.481	2012 0.500	2013 0.520	2014 0.540	2015 0.561	2016 0.580	2017 0.599	2018 0.619	2019 0.639	2020 0.660	2021 0.677	2022 0.695	2023 0.714	2024 0.732	2025 0.751
	Recovery target	0.114	0.119	0.124	0.128	0.133	0.139	0.151	0.164	0.177	0.190	0.204	0.209	0.215	0.220	0.225	0.231	0.229	0.227	0.224	0.222	0.220
	Non-hazardous landfill CHECK COUNTER (should be zero)	0.376 0.000	0.367 0.000	0.357 0.000	0.347 0.000	0.336 0.000	0.324 0.000	0.311 0.000	0.298 0.000	0.285 0.000	0.270 0.000	0.255 0.000	0.247 0.000	0.238 0.000	0.228 0.000	0.219 0.000	0.209 0.000	0.204 0.000	0.200 0.000	0.195 0.000	0.190 0.000	0.185 0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target Recovery target	0.846 0.677	0.865 0.666	0.884 0.655	0.903 0.643	0.922	0.941 0.621	0.941 0.632	0.941 0.643	0.941 0.655	0.941 0.666	0.941 0.677	0.978 0.647	1.016 0.617	1.053 0.587	1.091 0.557	1.129 0.527	1.129 0.534	1.129 0.542	1.129 0.549	1.129 0.557	1.129 0.564
	Inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hazardous	Hazardous waste	2005 0.023	2006 0.023	2007 0.024	2008 0.024	2009 0.025	2010 0.026	2011 0.026	2012 0.027	2013 0.027	2014 0.028	2015 0.028	2016 0.029	2017 0.029	2018 0.030	2019 0.030	2020 0.030	2021 0.031	2022 0.031	2023 0.031	2024 0.032	2025 0.032
DATA GG- T	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_00:	MSW and C&I recycling and composting target	0.520	0.563	0.608	0.654	0.703	0.760	0.805	0.851	0.897	0.930	0.965	0.997	1.030	1.064	1.100	1.136	1.170	1.204	1.239	1.274	1.311
	C&D recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129	1.129
	MSW and C&I recovery target C&D recovery target	0.147 0.677	0.161 0.666	0.176 0.655	0.192 0.643	0.209 0.632	0.228 0.621	0.262 0.632	0.297 0.643	0.334 0.655	0.366 0.666	0.398 0.677	0.412 0.647	0.426 0.617	0.442 0.587	0.457 0.557	0.473 0.527	0.468 0.534	0.462 0.542	0.456 0.549	0.450 0.557	0.443 0.564
	Non-hazardous landfill	0.794	0.773	0.750	0.726	0.700	0.665	0.618	0.571	0.523	0.493	0.462	0.443	0.423	0.402	0.379	0.356	0.352	0.348	0.343	0.339	0.334
	Inert landfill Hazardous waste	0.357 0.023	0.350 0.023	0.342	0.335 0.024	0.327 0.025	0.320 0.026	0.308 0.026	0.297 0.027	0.286 0.027	0.275 0.028	0.263 0.028	0.256 0.029	0.248 0.029	0.241 0.030	0.233	0.226 0.030	0.218 0.031	0.211 0.031	0.203 0.031	0.196 0.032	0.188 0.032
	Tidali ocus wasic	0.023	0.023	0.024	0.024	0.023	0.020	0.020	0.027	0.027	0.020	0.020	0.025	0.028	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032











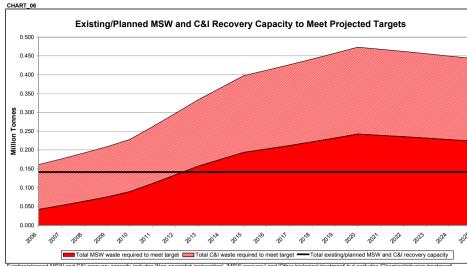
G. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
MSW and C&I treatment	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Total existing/planned MSW and C&I recovery capacity	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
Total MSW waste required to meet target	0.032	0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228	0.224
Total C&I waste required to meet target	0.114	0.119	0.124	0.128	0.133	0.139	0.151	0.164	0.177	0.190	0.204	0.209	0.215	0.220	0.225	0.231	0.229	0.227	0.224	0.222	0.220
Surplus/deficit capacity	-0.005	-0.020	-0.035	-0.051	-0.067	-0.087	-0.121	-0.156	-0.192	-0.224	-0.256	-0.271	-0.285	-0.300	-0.316	-0.332	-0.326	-0.321	-0.315	-0.308	-0.302
MSW and C&I recycling and composting																					
MSW and C&I recycling	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194	1.194
MSW and C&I transfer	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116	2.116
Total existing/planned composting capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling	g) 1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617	1.617
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling	ng) 1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
Total MSW waste required to meet recycling and composting target	0.193	0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542	0.560
Total C&I waste required to meet recycling and composting target	0.327	0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732	0.751
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	1.097	1.054	1.010	0.963	0.914	0.857	0.812	0.767	0.721	0.687	0.652	0.620	0.587	0.553	0.517	0.481	0.448	0.413	0.378	0.343	0.306
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.780	0.737	0.692	0.645	0.597	0.540	0.495	0.449	0.403	0.370	0.335	0.303	0.270	0.235	0.200	0.164	0.130	0.096	0.061	0.025	-0.011
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129	1.129
Surplus/deficit capacity	-0.846	-0.865	-0.884	-0.903	-0.922	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.978	-1.016	-1.053	-1.091	-1.129	-1.129	-1.129	-1.129	-1.129	-1.129
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
Surplus/deficit capacity	1.200	1.128	1.056	0.984	0.912	0.839	0.807	0.775	0.743	0.711	0.679	0.677	0.676	0.675	0.674	0.673	0.686	0.699	0.713	0.726	0.739
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		8.515	7.427	6.356	5.305	4.274	3.272	2.317	1.409	0.549	-0.278	-1.071	-1.851	-2.615	-3.363	-4.094	-4.808	-5.520	-6.232	-6.943	-7.653
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		8.515	7.403	6.306	5.225	4.163	3.127	2.132	1.180	0.270	-0.611	-1.465	-2.306	-3.134	-3.949	-4.748	-5.533	-6.315	-7.096	-7.876	-8.653
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		8.515	7.332	6.157	4.992	3.838	2.702	1.592	0.509	-0.548	-1.590	-2.619	-3.641	-4.657	-5.666	-6.667	-7.659	-8.648	-9.632		-11.588
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		8.515	7.408	6.316	5.241	4.185	3.156	2.169	1.226	0.326	-0.545	-1.386	-2.215	-3.031	-3.832	-4.618	-5.388	-6.156	-6.923	-7.689	-8.453
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		8.515	7.354	6.205	5.067	3.942	2.837	1.764	0.722	-0.287	-1.279	-2.251	-3.216	-4.173	-5.120	-6.057	-6.983	-7.906	-8.825	-9.741	-10.654
Total MSW and C&I waste sent direct to non-hazardous landfill		0.773	0.750	0.726	0.700	0.665	0.618	0.571	0.523	0.493	0.462	0.443	0.423	0.402	0.379	0.356	0.352	0.348	0.343	0.339	0.334
Inert landfill																					
Available inert landfill capacity		11.532	11.182	10.840	10.505	10.178	9.858	9.549	9.252	8.966	8.692	8.428	8.172	7.924	7.683	7.450	7.224	7.006	6.796	6.592	6.397 5.396
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'																					
		11.532	11.158	10.789	10.425	10.067	9.713	9.365	9.023	8.687	8.358	8.035	7.717	7.405	7.098	6.796	6.499	6.211	5.931	5.659	
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	0.357			10.789 0.335	10.425 0.327	10.067 0.320	9.713 0.308	9.365 0.297	9.023 0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	6.211 0.211	5.931 0.203	0.196	0.188
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill		11.532 0.350	11.158 0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous tandfill  Available hazardous landfill capacity	0.000	11.532 0.350 0.000	11.158 0.342 0.000	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill	0.000	11.532 0.350 0.000	11.158 0.342 0.000	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.000	11.532 0.350 0.000 N/A	11.158 0.342 0.000 N/A N	0.335 0.000 /A	0.327 0.000 /A N	0.320 0.000 I/A N	0.308 0.000 //A N	0.297 0.000 I/A N	0.286 0.000 /A N	0.275 0.000 I/A N	0.263 0.000 /A N	0.256 0.000 /A N	0.248 0.000 /A N	0.241 0.000 /A N	0.233 0.000 /A	0.226 0.000 I/A	0.218 0.000 I/A N	0.211 0.000 /A N	0.203 0.000 I/A N	0.196 0.000 /A N	0.188 0.000 /A
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfil capacity  Total hazardous waste sent direct to hazardous landfill  Other  Metal	0.000	11.532 0.350 0.000 N/A	11.158 0.342 0.000 N/A N	0.335 0.000 /A N	0.327 0.000 /A N	0.320 0.000 0.0024	0.308 0.000 0.000 0.024	0.297 0.000 I/A N	0.286 0.000 /A N	0.275 0.000 I/A N	0.263 0.000 /A N	0.256 0.000 /A N	0.248 0.000 /A N	0.241 0.000 /A N	0.233 /A 0.000 /A N	0.226 0.000 I/A N	0.218 0.000 I/A N	0.211 0.000 /A N	0.203 0.000 I/A N	0.196 0.000 /A N	0.188 0.000 /A
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other  Metal/ELV facility  Ignored	0.000 0.024 2.571	11.532 0.350 0.000 N/A 1 0.024 2.571	11.158 0.342 0.000 N/A N 0.024 2.571	0.335 0.000 /A N 0.024 2.571	0.327 0.000 /A N 0.024 2.571	0.320 0.000 0.024 2.571	0.308 0.000 0.024 2.571	0.297 0.000 I/A N 0.024 2.571	0.286 0.000 /A N 0.024 2.571	0.275 0.000 I/A N 0.024 2.571	0.263 0.000 /A N 0.024 2.571	0.256 0.000 /A N 0.024 2.571	0.248 0.000 /A N 0.024 2.571	0.241 0.000 /A N 0.024 2.571	0.233 0.000 /A N 0.024 2.571	0.226 0.000 I/A 1 0.024 2.571	0.218 0.000 N/A N 0.024 2.571	0.211 0.000 /A N 0.024 2.571	0.203 0.000 I/A N 0.024 2.571	0.196 0.000 /A N. 0.024 2.571	0.188 0.000 /A 0.024 2.571
Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfil capacity  Total hazardous waste sent direct to hazardous landfill  Other  Metal	0.000	11.532 0.350 0.000 N/A	11.158 0.342 0.000 N/A N	0.335 0.000 /A N	0.327 0.000 /A N	0.320 0.000 0.0024	0.308 0.000 0.000 0.024	0.297 0.000 I/A N	0.286 0.000 /A N	0.275 0.000 I/A N	0.263 0.000 /A N	0.256 0.000 /A N	0.248 0.000 /A N	0.241 0.000 /A N	0.233 /A N	0.226 0.000 I/A N	0.218 0.000 I/A N	0.211 0.000 /A N	0.203 0.000 I/A N	0.196 0.000 /A N	0.188 0.000 /A

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<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity (2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity (3) Data for CAD recovery for In

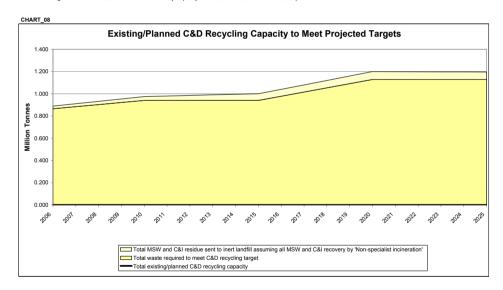
_08: RESIDUE RATES (%)  Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C& I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I freatment - hazardous	.5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																				
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5		5	.5	5	5	5	5	5	5	5	.5	5	.5	5	5		5	.5	5
Other	_	-	_	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Glosed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste crising not on the magunt of capacity available. This is complained with	ith the colf ouffi	inionau roau	iromonto of	DDC10																
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince wit																				
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):		0.04-		- 0.055	0.000	0.000	0.076	0.000	0.400	0.440	0.440	0.404	0.400	0.400	0.40=	0.446	0.446	0.40-	0.40=	0.40-
MSW and C&I incineration (non-specialist) - bottom ash	0.044	0.048	0.053	0.058	0.063	0.068	0.079	0.089	0.100	0.110	0.119	0.124	0.128	0.133	0.137	0.142	0.140	0.139	0.137	0.135
MSW and C&I incineration (non-specialist) - fly ash	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.013
MSW and C&I to MBT	0.086	0.095	0.104	0.113	0.123	0.134	0.155	0.175	0.197	0.216	0.235	0.243	0.252	0.261	0.270	0.279	0.276	0.273	0.269	0.265
MSW and C&I to RDF	0.018	0.019	0.021	0.023	0.025	0.027	0.031	0.036	0.040	0.044	0.048	0.049	0.051	0.053	0.055	0.057	0.056	0.055	0.055	0.054
MSW and C&I treatment - non-hazardous	0.066	0.073	0.079	0.086	0.094	0.103	0.118	0.134	0.150	0.164	0.179	0.185	0.192	0.199	0.206	0.213	0.211	0.208	0.205	0.202
MSW and C&I treatment - hazardous	0.007	0.008	0.009	0.010	0.010	0.011	0.013	0.015	0.017	0.018	0.020	0.021	0.021	0.022	0.023	0.024	0.023	0.023	0.023	0.022
Hazardous waste recovery	N/A N	N/A N	N/A N	V/A N/.	/A N	I/A N	/A N	A N	A N/.	A N//	N/A	N/	A N/	A N/	A N	I/A N	I/A N	N/A N	V/A N	I/A
Recycling residues (of waste managed):																				
MSW and C&I recycling and composting	0.078	0.084	0.091	0.098	0.105	0.114	0.121	0.128	0.134	0.140	0.145	0.150	0.154	0.160	0.165	0.170	0.175	0.181	0.186	0.191
C&D recycling	0.085	0.087	0.088	0.090	0.092	0.094	0.094	0.094	0.094	0.094	0.094	0.098	0.102	0.105	0.109	0.113	0.113	0.113	0.113	0.113
Hazardous waste recycling	N/A N	N/A N	N/A N	V/A N/	/A N	I/A N	/A N	A N	A N/.	A N//	A N/A	N/	A N/	A N/	A N	I/A N	I/A N	N/A I	V/A N	/A
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	2005 0.163	2006 0.171	2007 0.180	2008 0.188	2009 0.198	2010 0.208	2011 0.215	2012 0.222	2013 0.229	2014 0.234	2015 0.239	2016 0.247	2017 0.256	2018 0.265	2019 0.274	2020 0.283	2021 0.288	2022 0.293	2023 0.299	2024 0.304
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio	on Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																				
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.024	0.026	0.029	0.031	0.034	0.039	0.045	0.050	0.055	0.060	0.062	0.064	0.066	0.069	0.071	0.070	0.069	0.068	0.067
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.024	0.026	0.029	0.031	0.034	0.039	0.045	0.050	0.055	0.060	0.062	0.064	0.066	0.069	0.071	0.070	0.069	0.068	0.067
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																				
Total MSW and C&I residue sent to non-hazardous landfill	0.086	0.095	0.104	0.113	0.123	0.134	0.155	0.175	0.197	0.216	0.235	0.243	0.252	0.261	0.270	0.279	0.276	0.273	0.269	0.265
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																				
Total MSW and C&I residue sent to non-hazardous landfill	0.018	0.019	0.021	0.023	0.025	0.027	0.031	0.036	0.040	0.044	0.048	0.049	0.051	0.053	0.055	0.057	0.056	0.055	0.055	0.054
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																				
(2) Total MSW and C&I residue sent to non-hazardous landfill	0.066	0.073	0.079	0.086	0.094	0.103	0.118	0.134	0.150	0.164	0.179	0.185	0.192	0.199	0.206	0.213	0.211	0.208	0.205	0.202
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	andiii. In the or	nginai mode	a assumption	ris developed	U MEL 50%	o was assur	ied to go to	C&D recyci	rig, raurier u	ian to men i	anuii									
(1) C&D reused on landfill sites	39 %	%																		
(1) C&D reused on exempt sites	61 %																			
(1) C&D reused on landfill sites sent to 'non-haz landfill'	30 %																			
(1) C&D reused on landfill sites sent to 'inert landfill'	70 %	/0																		
									2013		2015									
	2005	2006	2007	2008	2009	2010	2011	2012		2014		2016	2017	2018	2019	2020	2021	2022	2023	
Total C&D reused on non-hazardous landfill	0.079	0.077	0.076	0.075	0.074	0.072	0.074	0.075	0.076	0.077	0.079	0.075	0.072	0.068	0.065	0.061	0.062	0.063	0.064	0.065
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill																				0.065
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.079 0.184	0.077 0.181	0.076 0.178	0.075 0.175	0.074 0.172	0.072 0.169	0.074 0.172	0.075 0.175	0.076	0.077	0.079	0.075	0.072	0.068	0.065	0.061	0.062	0.063	0.064	0.065
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	0.079 0.184	0.077 0.181	0.076 0.178	0.075 0.175	0.074 0.172	0.072 0.169	0.074 0.172	0.075 0.175	0.076	0.077	0.079	0.075	0.072	0.068	0.065	0.061	0.062	0.063	0.064	0.065
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.079 0.184 supplied by eac	0.077 0.181 och sub-regio	0.076 0.178 on has accou	0.075 0.175 unted for C&E	0.074 0.172 D reuse as	0.072 0.169 an engineer	0.074 0.172 ring materia	0.075 0.175	0.076 0.178	0.077 0.181	0.079 0.184	0.075 0.176	0.072 0.168	0.068 0.159	0.065 0.151	0.061 0.143	0.062 0.145	0.063 0.147	0.064 0.149	0.065 0.151
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	0.079 0.184 supplied by eac	0.077 0.181 och sub-regio	0.076 0.178 on has accou	0.075 0.175 unted for C&E	0.074 0.172 D reuse as	0.072 0.169 an engineer	0.074 0.172 ring materia	0.075 0.175	0.076 0.178	0.077 0.181	0.079 0.184	0.075 0.176	0.072 0.168	0.068 0.159	0.065 0.151	0.061 0.143	0.062 0.145	0.063 0.147	0.064 0.149	0.065 0.151
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.079 0.184 supplied by eac 2005 N/A N	0.077 0.181 0.181 och sub-regio 2006 N/A	0.076 0.178 on has accou	0.075 0.175 unted for C&E 2008 N/A N/A	0.074 0.172 D reuse as	0.072 0.169 an engineer 2010 I/A N	0.074 0.172 ring materia 2011 /A N.	0.075 0.175	0.076 0.178 0.178	0.077 0.181 2014 A N//	0.079 0.184 2015	0.075 0.176 2016	0.072 0.168 0.168	0.068 0.159 2018 A N/	0.065 0.151 2019 /A N	0.061 0.143 2020	0.062 0.145 2021 I/A N	0.063 0.147 2022 N/A	0.064 0.149 2023 N/A N	0.065 0.151 2024
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.079 0.184 supplied by eac	0.077 0.181 och sub-regio	0.076 0.178 on has accou	0.075 0.175 unted for C&E	0.074 0.172 D reuse as	0.072 0.169 an engineer	0.074 0.172 ring materia	0.075 0.175	0.076 0.178	0.077 0.181	0.079 0.184	0.075 0.176	0.072 0.168	0.068 0.159	0.065 0.151	0.061 0.143	0.062 0.145	0.063 0.147	0.064 0.149	0.065 0.151 2024
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill 1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes) SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.079 0.184 supplied by eac 2005 N/A N	0.077 0.181 och sub-regio 2006 N/A N	0.076 0.178 on has accou	0.075 0.175 unted for C&E 2008 N/A N/A	0.074 0.172 D reuse as 2009 /A N	0.072 0.169 an engineer 2010 I/A N	0.074 0.172 ring materia 2011 /A N	0.075 0.175 0.175	0.076 0.178 2013 A N/	0.077 0.181 2014 A N//	0.079 0.184 2015 A N//	0.075 0.176 2016 N/	0.072 0.168 2017 A N/	0.068 0.159 2018 A N/	0.065 0.151 2019 /A N	0.061 0.143 2020 I/A N	0.062 0.145 2021 WA N	0.063 0.147 2022 N/A	0.064 0.149 2023 N/A N	0.065 0.151 2024 I//A
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill  Oc&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.079 0.184 supplied by eac 2005 N/A N	0.077 0.181 0.181 och sub-regio 2006 N/A	0.076 0.178 on has accou	0.075 0.175 unted for C&E 2008 N/A N/A	0.074 0.172 D reuse as	0.072 0.169 an engineer 2010 I/A N	0.074 0.172 ring materia 2011 /A N.	0.075 0.175	0.076 0.178 0.178	0.077 0.181 2014 A N//	0.079 0.184 2015	0.075 0.176 2016	0.072 0.168 0.168	0.068 0.159 2018 A N/	0.065 0.151 2019 /A N	0.061 0.143 2020	0.062 0.145 2021 I/A N	0.063 0.147 2022 N/A	0.064 0.149 2023 N/A N	0.065 0.151 2024 I/A
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill 1) C&D reuse rates based on original model assumptions developed MEL. NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capacity)	0.079 0.184 supplied by eac 2005 N/A N 2005	0.077 0.181 och sub-regio 2006 N/A N 2006	0.076 0.178 on has account 2007 N/A N 2007	0.075 0.175 unted for C&E 2008 N/A N/A 2008	0.074 0.172 D reuse as 2009 /A N 2009	0.072 0.169 an engineer 2010 J/A N 2010 0.007	0.074 0.172 ring materia 2011 //A N. 2011 0.008	0.075 0.175 0.175	0.076 0.178 2013 A N/. 2013 0.010	0.077 0.181 2014 A N// 2014 0.011	2015 A N// 2015 0.012	2016 0.072	0.072 0.168 2017 A N/ 2017 0.013	0.068 0.159 2018 A N/ 2018 0.013	0.065 0.151 2019 (A N 2019	0.061 0.143 2020 I/A N 2020 0.014	0.062 0.145 2021 I/A N 2021 0.014	0.063 0.147 2022 N/A 1	2023 N/A N 2023 0.014	0.065 0.151 2024 0.013
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill Total reuse artes based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.079 0.184 supplied by eac 2005 N/A N	0.077 0.181 och sub-regio 2006 N/A N	0.076 0.178 on has accou	0.075 0.175 unted for C&E 2008 N/A N/A	0.074 0.172 D reuse as 2009 /A N	0.072 0.169 an engineer 2010 I/A N	0.074 0.172 ring materia 2011 /A N	0.075 0.175 0.175	0.076 0.178 2013 A N/	0.077 0.181 2014 A N//	0.079 0.184 2015 A N//	0.075 0.176 2016 N/	0.072 0.168 2017 A N/	0.068 0.159 2018 A N/	0.065 0.151 2019 /A N	0.061 0.143 2020 I/A N	0.062 0.145 2021 WA N	0.063 0.147 2022 N/A	0.064 0.149 2023 N/A N	0.065 0.151 2024 0.013
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill  ) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBIT (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBIT (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBIT (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBIT (based on total recovery capacity)	0.079 0.184 supplied by eac 2005 N/A N 2005 0.004	0.077 0.181 och sub-regio 2006 N/A N 2006 0.005	0.076 0.178 on has account 2007 N/A N 2007 0.005	0.075 0.175 0.175 unted for C&E 2008 N/A N/A 2008 0.006	0.074 0.172 D reuse as 2009 /A N 2009 0.006	0.072 0.169  an engineer  2010  M/A N  2010  0.007	0.074 0.172 0.172 0.172 0.172 0.172 0.172 0.172 0.008 0.000	0.075 0.175 0.175 2012 (A N/ 2012 0.009	2013 A N/ 2013 0.010 0.000	2014 A N// 2014 0.011 0.000	2015 A N/A 2015 0.012	2016 0.072 0.000	2017 A N/ 2017 0.013	2018 A N/ 2018 0.000	2019 2019 0.014 0.000	0.061 0.143 2020 I/A N 2020 0.014	0.062 0.145 2021 4/A N 2021 0.014	0.063 0.147 2022 N/A 1 2022 0.014	0.064 0.149 2023 N/A N 2023 0.014	0.065 0.151 2024 I//A 2024 0.013
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill  1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)	0.079 0.184 supplied by eac 2005 N/A N 2005	0.077 0.181 och sub-regio 2006 N/A N 2006	0.076 0.178 on has account 2007 N/A N 2007	0.075 0.175 unted for C&E 2008 N/A N/A 2008	0.074 0.172 D reuse as 2009 /A N 2009	0.072 0.169 an engineer 2010 J/A N 2010 0.007	0.074 0.172 ring materia 2011 //A N. 2011 0.008	0.075 0.175 0.175	0.076 0.178 2013 A N/. 2013 0.010	0.077 0.181 2014 A N// 2014 0.011	2015 A N// 2015 0.012	2016 0.072	0.072 0.168 2017 A N/ 2017 0.013	0.068 0.159 2018 A N/ 2018 0.013	0.065 0.151 2019 (A N 2019	0.061 0.143 2020 I/A N 2020 0.014	0.062 0.145 2021 I/A N 2021 0.014	0.063 0.147 2022 N/A 1	2023 N/A N 2023 0.014	0.151 2024 I/A 2024 0.013 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill 1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBIT' (based on total recovery to yeapacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recover capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.079 0.184 supplied by eac 2005 N/A N 2005 0.004 0.000	0.077 0.181 cch sub-regio 2006 N/A N 2006 0.005	0.076 0.178 on has account 2007 N/A N 2007 0.005 0.000	0.075 0.175 united for C&E 2008 N/A N/, 2008 0.006 0.000	0.074 0.172 D reuse as 2009 /A N 2009 0.006	0.072 0.169 an engineer  2010 I/A N  2010 0.007 0.000	0.074 0.172 ring materia 2011 /A N. 2011 0.008 0.000	0.075 0.175	2013 A N/ 2013 0.010 0.000	2014 A N// 2014 0.011 0.000	2015 A N/A 2015 0.012 0.000	2016 2016 2016 2016 0.012 0.000	2017 A N/ 2017 0.013 0.000	2018 A N/ 2018 0.013 0.000	0.065 0.151 2019 /A N 2019 0.014 0.000	0.061 0.143 2020 IVA N 2020 0.014 0.000	0.062 0.145 2021 4/A N 2021 0.014 0.000	2022 N/A 1 2022 0.014	2023 N/A N 2023 0.014 0.000	2024 0.013 2024 0.013 0.000 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.079 0.184 supplied by eac 2005 N/A N 2005 0.004	0.077 0.181 och sub-regio 2006 N/A N 2006 0.005	0.076 0.178 on has account 2007 N/A N 2007 0.005	0.075 0.175 0.175 unted for C&E 2008 N/A N/A 2008 0.006	0.074 0.172 D reuse as 2009 /A N 2009 0.006	0.072 0.169  an engineer  2010  M/A N  2010  0.007	0.074 0.172 0.172 0.172 0.172 0.172 0.172 0.172 0.008 0.000	0.075 0.175 0.175 2012 (A N/ 2012 0.009	2013 A N/ 2013 0.010 0.000	2014 A N// 2014 0.011 0.000	2015 A N/A 2015 0.012	2016 0.072 0.000	2017 A N/ 2017 0.013	2018 A N/ 2018 0.000	2019 2019 0.014 0.000	0.061 0.143 2020 I/A N 2020 0.014	0.062 0.145 2021 4/A N 2021 0.014	0.063 0.147 2022 N/A 1 2022 0.014	0.064 0.149 2023 N/A N 2023 0.014	2024 0.013 0.000 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL. NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery by Non-specialist incineration") Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Totatment' (based on total recovery capacity)	0.079 0.184 supplied by eac 2005 N/A N 2005 0.004 0.000 0.000	0.077 0.181 ch sub-regio 2006 N/A N 2006 0.005 0.000	0.076 0.178 on has accou 2007 N/A N 2007 0.005 0.000	0.075 0.175 united for C&E 2008 V/A N/A 2008 0.006 0.000 0.000	0.074 0.172 D reuse as 2009 /A N 2009 0.006	0.072 0.169 an engineer  2010 I/A N  2010 0.007 0.000	0.074 0.172 ring materia 2011 /A N. 2011 0.008 0.000	0.075 0.175	2013 A N/ 2013 0.010 0.000	2014 A N// 2014 0.011 0.000	2015 A N/A 2015 0.012 0.000	2016 2016 2016 2016 0.012 0.000	2017 A N/ 2017 0.013 0.000	2018 A N/ 2018 0.013 0.000	0.065 0.151 2019 /A N 2019 0.014 0.000	0.061 0.143 2020 IVA N 2020 0.014 0.000	0.062 0.145 2021 4/A N 2021 0.014 0.000	2022 N/A 1 2022 0.014	2023 N/A N 2023 0.014 0.000	2024 0.013 0.000 0.000
Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL.  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's STOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration')  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of model.	0.079 0.184 supplied by eac 2005 N/A N 2005 0.004 0.000 0.000	0.077 0.181 ch sub-regio 2006 N/A N 2006 0.005 0.000	0.076 0.178 on has accou 2007 N/A N 2007 0.005 0.000	0.075 0.175 united for C&E 2008 V/A N/A 2008 0.006 0.000 0.000	0.074 0.172 D reuse as 2009 /A N 2009 0.006	0.072 0.169 an engineer  2010 I/A N  2010 0.007 0.000	0.074 0.172 ring materia 2011 /A N. 2011 0.008 0.000	0.075 0.175	2013 A N/ 2013 0.010 0.000	2014 A N// 2014 0.011 0.000	2015 A N/A 2015 0.012 0.000	2016 2016 2016 2016 0.012 0.000	2017 A N/ 2017 0.013 0.000	2018 A N/ 2018 0.013 0.000	0.065 0.151 2019 /A N 2019 0.014 0.000	0.061 0.143 2020 IVA N 2020 0.014 0.000	0.062 0.145 2021 4/A N 2021 0.014 0.000	2022 N/A 1 2022 0.014	2023 N/A N 2023 0.014 0.000	2024 0.013 0.000 0.000
Total C&D reused on non-hazardous landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  Total MSW and C&I residue sent to hazardous landfill	0.079 0.184  supplied by eac  2005 N/A 0.004 0.000 0.000 0.007  managed waste  2005 2005	0.077 0.181 ch sub-regio 2006 N/A N 2006 0.005 0.000 0.000 0.008 e versus ava	0.076 0.178 0.178 on has accou	0.075 0.175 united for C&E 2008 V/A N/A 2008 0.006 0.000 0.000	0.074 0.172 D reuse as 2009 /A N 2009 0.006 0.000 0.000	0.072 0.169  an engineer  2010  2010  0.007  0.000  0.001  2010	0.074 0.172 ring materia 2011 /A N. 2011 0.008 0.000 0.000	0.075 0.175	2013 A N/ 2013 0.010 0.000 0.001 2013	2014 2014 2014 2014 2014 0.011 0.000 0.000 0.018	2015 A N/A 2015 0.012 0.000 0.000	2016 N/ 2016 0.012 0.000 0.021 2016	2017 A N/ 2017 0.000 0.000 0.021	2018 2018 2018 0.013 0.000 0.002 2018	2019 (A N 2019 0.014 0.000 0.000 0.003	0.061 0.143 2020 I/A N 2020 0.014 0.000 0.000	0.062 0.145 2021 4/A N 2021 0.014 0.000 0.000 0.003	2022 N/A 1 2022 0.014 0.000 0.000	0.064 0.149 2023 N/A N 2023 0.014 0.000 0.000	0.065 0.151 2024 1/A 2024 0.013

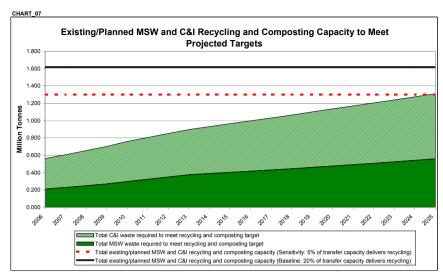


Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment'

NOTE: This capacity does not represent the quantity of material that is recovered.

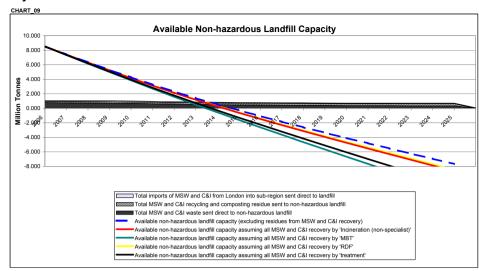
NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.

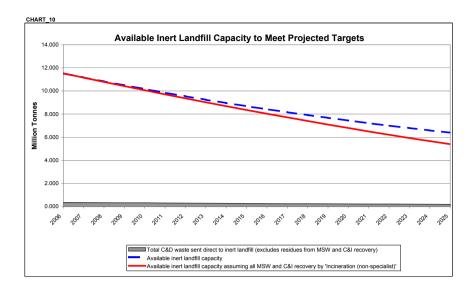




Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical

treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.





### **West Sussex**

### **West Sussex**

#### SUMMARY DATA AND RESULTS FOR WEST SUSSEX

ANAGED sw	WASTE USED TO GENERATE RESULTS (Million Tonnes)		2006 0.490	2007 0.502	2008 0.515	2009 0.528	2010 0.541	2011 0.552	2012 0.563	2013 0.574	2014 0.585	2015 0.597	2016 0.606	2017 0.615	2018 0.624	2019 0.634	2020 0.643	2021 0.653	2022 0.663	2023 0.673	2024 0.683
	rts from london that are sent direct to non-hazardous landfill		0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.024	0.034	0.032	0.031	0.003	0.030	0.029
i . :	a from landar that are north direct to one hamoutour landfill		0.876	0.897	0.920	0.943	0.966	0.986	1.006	1.026	1.046 0.077	1.067	1.083	1.099	1.116	1.133	1.150 0.057	1.161 0.056	1.173 0.054	1.184	1.196 0.051
- import	s from london that are sent direct to non-hazardous landfill		1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302
zardous			0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035
ASTE ST	REAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW	LATS shortfall (how much extra is landfilled above LATS target)		-0.052	-0.045	-0.035	-0.021	-0.003	0.004	0.010	0.016	0.006	-0.004	-0.005	-0.005	-0.007	-0.008	-0.009	-0.009	-0.009	-0.009	-0.009
	Recycling and composting target		0.157	0.171	0.185	0.200	0.216	0.235	0.255	0.275	0.285	0.299	0.309	0.320	0.331	0.342	0.354	0.366	0.378	0.390	0.403
	Recovery target Non-hazardous landfill		0.031	0.039	0.047	0.056 0.271	0.065	0.080	0.097	0.115 0.184	0.128 0.171	0.143	0.150 0.147	0.157	0.165 0.129	0.172	0.180 0.109	0.178 0.110	0.175 0.110	0.172	0.169
	Recycling and composting target		0.368	0.395	0.423	0.453	0.483	0.503	0.523	0.544	0.565	0.587	0.607	0.627	0.647	0.668	0.690	0.708	0.727	0.746	0.766
	Recovery target		0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.185	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.232
	Non-hazardous landfill		0.384	0.373	0.362	0.351	0.338	0.325	0.312	0.297	0.282	0.267	0.258	0.248	0.239	0.229	0.218	0.214	0.209	0.204	0.199
	Recycling target Recovery target		0.355	0.453	0.025	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.703	0.406	0.755	0.761	0.761	0.751	0.781	0.781
	Inert landfill		0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135
ardous	Hazardous waste		0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the mo	odei assumes	s that this e	xtra waste i	s recycled/c	composted	and recover	ed at the sa	ime ratio as	tne regiona	ii targets for	recycling/co	omposting a	na recovery	for that ye	ar.					
STING/	PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSA	AL ROUTE (F																			
V and C	2&I recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
v and C	Total existing/planned MSW and C&I recovery capacity		0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341
	Surplus/deficit capacity		0.186	0.173	0.160	0.146	0.132	0.103	0.073	0.042	0.014	-0.015	-0.028	-0.040	-0.053	-0.066	-0.080	-0.075	-0.070	-0.065	-0.060
V and C	2&I recycling and composting		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00-
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.228	0.228 0.082	0.228 0.082	0.228	0.228 0.082	0.228	0.228	0.228 0.082	0.228 0.082	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228 0.082	0.228
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.296	-0.337	-0.380	-0.425	-0.471	-0.509	-0.550	-0.591	-0.622	-0.657	-0.687	-0.718	-0.750	-0.782	-0.815	-0.846	-0.877	-0.908	-0.940
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.443	-0.484	-0.527	-0.571	-0.618	-0.656	-0.696	-0.737	-0.769	-0.804	-0.834	-0.865	-0.896	-0.929	-0.962	-0.992	-1.023	-1.054	-1.087
recycl			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		-0.599	-0.612	-0.625	-0.638	-0.651	-0.651	-0.651	-0.651	-0.651	-0.651	-0.677	-0.703	-0.729	-0.755	-0.781	-0.781	-0.781	-0.781	-0.781
recove			0.000	0.012	0.020	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.011	0.700	0.720	0.700	0.701	0.701	0.701	0.701	0.701
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity waste recycling		1.333	1.257	1.182	1.106	1.030	1.002	0.973	0.944	0.916	0.887	0.877	0.866	0.856	0.845	0.835	0.850	0.866	0.882	0.897
ardous	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
zardous	waste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
-hazard	ous landfill		1975	1975	197	1973	19075	1973	1973	19775	19775	1975	1975	19/75	1975	10/5	1975	1975	1975	1975	19//3
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		2.437	1.440	0.459	-0.503	-1.447	-2.370	-3.255	-4.097	-4.895	-5.663	-6.395	-7.111	-7.813	-8.498	-9.166	-9.818	-10.467		-11.760
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		2.437 2.437	1.416 1.348	0.411 0.268	-0.579 -0.802	-1.552 -1.861	-2.507 -2.908	-3.427 -3.933	-4.309 -4.933	-5.153 -5.908	-5.969 -6.869	-6.755 -7.811	-7.527 -8.746	-8.286 -9.672	-9.030 -10.590	-9.760 -11.500	-10.474 -12.399	-11.186 -13.295	-11.895 -14.185	-12.602 -15.070
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		2.437	1.421	0.420	-0.564	-1.531	-2.480	-3.393	-4.933 -4.267	-5.906 -5.101	-5.908	-6.683	-0.746 -7.444	-9.672 -8.191	-8.924	-9.641	-12.399	-13.295	-14.165	-12.433
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		2.437	1.370	0.314	-0.731	-1.763	-2.780	-3.772	-4.735	-5.668	-6.582	-7.475	-8.358	-9.231	-10.094	-10.946	-11.787	-12.624	-13.456	-14.285
t landfill																					
	Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.242 -0.266	-0.479 -0.528	-0.711 -0.787	-0.937 -1.043	-1.159 -1.295	-1.372 -1.545	-1.578 -1.791	-1.776 -2.033	-1.966 -2.273	-2.148 -2.508	-2.325 -2.741	-2.497 -2.970	-2.664 -3.196	-2.825 -3.418	-2.982 -3.638	-3.133 -3.851	-3.278 -4.059	-3.419 -4.261
ardous			0.000	-0.200	=0.326	-0.767	-1.043	-1.290	-1.040	-1.791	=2.033	-2.213	-2.300	-2.741	-2.510	-3.190	=3.410	=3.036	-3.031	-4.059	-4.201
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
TA 01:	ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
v	Arisings of MSW in baseline year																				
	(1) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	(1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	103% 0.478	106% 0.490	108% 0.502	111% 0.515	114% 0.528	117% 0.541	119% 0.552	121% 0.563	124% 0.574	126% 0.585	129% 0.597	131% 0.606	133% 0.615	135% 0.624	137% 0.634	139% 0.643	141% 0.653	143% 0.663	145% 0.673	147% 0.683
	(1) Forecast sub-regional growth rate of MSW - per year (%)	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
	(1) Forecast sub-regional level growth rate of MSW - cumulative (%)	103%	106%	109%	111%	114%	116%	118%	119%	121%	122%	123%	124%	126%	127%	128%	129%	131%	132%	133%	135%
	Total arisings of MSW using sub-regional growth forecasts	0.478	0.492	0.507	0.517	0.528	0.538	0.549	0.554	0.560	0.565	0.571	0.577	0.583	0.588	0.594	0.600	0.606	0.612	0.618	0.625
	Arisings of C&I in baseline year	2.20/	2.5%	2.50/	0.50/	0.50/	0.50/	2.00/	2.00/	2.00/	2.0%	2.00/	4.50/	4.50/	4.50/	4 50/	4.50/	4.00/	4.00/	4.00/	4.00/
	(1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%)	3.3% 107%	109%	2.5% 112%	2.5% 115%	2.5% 118%	2.5% 121%	2.0% 123%	2.0% 126%	2.0% 128%	131%	2.0% 133%	1.5% 135%	1.5% 137%	1.5% 139%	1.5% 141%	1.5% 144%	1.0% 145%	1.0% 146%	1.0% 148%	1.0%
	Total arisings of C&I using regional growth forecasts	0.854	0.876	0.897	0.920	0.943	0.966	0.986	1.006	1.026	1.046	1.067	1.083	1.099	1.116	1.133	1.150	1.161	1.173	1.184	1.196
	(1) Forecast sub-regional level growth rate of C&I - per year (%)	1.5%	1.5%	1.0%	1.0%	1.0%	0.5%	0.5%	0.5%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	(1) Forecast sub-regional level growth rate of C&I - cumulative (%)	103%	105%	106%	107%	108%	108%	109%	109%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%	110%
rdous	Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year	0.825	0.838	0.846	0.854	0.863	0.867	0.872	0.876	0.880	0.885	0.885	0.885	0.885	0.885	0.885	0.885	0.885	0.885	0.885	0.885
	(2) Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%
	Total arisings of hazardous waste	0.025	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035
	(2) Forecast sub-regional level growth rate of hazardous waste - per year (%)	1.5%	1.5%	1.0%	1.0%	1.0%	0.5%	0.5%	0.5%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	103% 0.024	105% 0.025	106% 0.025	107% 0.025	108% 0.026	108% 0.026	109% 0.026	109% 0.026	110% 0.026											
	Total arisings of hazardous waste			0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
	Total arisings of hazardous waste Total managed C&D in baseline year	0.024																			
	Total managed C&D in baseline year (3) Forecast regional-level growth rate of managed C&D - per year (%)	0.024	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Total managed C&D in baseline year			0.0% 100% 1.302																	

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(7)</sup> Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste. (3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the property of the property

Hazardous waste

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scena
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2011 2012 2013 2014

2015 2016 2017 2018 2019 2020

0.034

0.033

0.034

0.034

0.035

0.035

DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.178	0.173	0.169	0.164	0.160	0.156	0.147	0.138	0.129	0.121	0.112	0.107	0.103	0.098	0.094	0.089	0.087	0.085	0.083	0.081	0.079
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.064	0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.035	0.034	0.032	0.031	0.031	0.030	0.029	0.029
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	38%	38%	38%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	41%	41%	41%	41%	42%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.065	0.064	0.063	0.062	0.061	0.060	0.057	0.054	0.050	0.047	0.044	0.042	0.041	0.039	0.038	0.036	0.035	0.035	0.034	0.033	0.033
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.114	0.111	0.108	0.105	0.103	0.100	0.094	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051	0.050
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	62%	62%	62%	61%	61%	61%	61%	61%	61%	60%	60%	60%	60%	59%	59%	59%	59%	58%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.113	0.109	0.106	0.102	0.099	0.096	0.090	0.085	0.079	0.074	0.068	0.065	0.062	0.059	0.056	0.053	0.052	0.050	0.049	0.047	0.046

<sup>(1)</sup> Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

2006

0.025

0.026

0.027

0.027

0.028

illaw	0.770	0.430	0.302	0.515	0.520	0.541	0.552	0.505	0.57 -	0.505	0.551	0.000	0.013	0.024	0.004	0.043	0.000	0.003	0.075	0.000	0.033
msw - imports from london that are sent direct to non-hazardous landfill	0.064	0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.035	0.034	0.032	0.031	0.031	0.030	0.029	0.029
c&i	0.854	0.876	0.897	0.920	0.943	0.966	0.986	1.006	1.026	1.046	1.067	1.083	1.099	1.116	1.133	1.150	1.161	1.173	1.184	1.196	1.208
c&I - imports from london that are sent direct to non-hazardous landfill	0.114	0.111	0.108	0.105	0.103	0.100	0.094	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051	0.050
c&d	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302
hazardous	0.025	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036
DATA_04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.266	0.257	0.244	0.227	0.205	0.180	0.160	0.140	0.120	0.115	0.109	0.104	0.099	0.094	0.089	0.084	0.084	0.084	0.084	0.084	0.084
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
recovered (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
recycled (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
(4) EPM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					

2009

(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020

## DATA\_05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)

DATA\_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)

This first section of DATA\_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie

	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie																					
	insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.167	0.188	0.210	0.233	0.256	0.281	0.311	0.342	0.374	0.407	0.442	0.459	0.477	0.496	0.515	0.534	0.543	0.553	0.562	0.572	0.582
111011	Total MSW not-diverted by targets	0.311	0.302	0.292	0.282	0.271	0.260	0.240	0.221	0.200	0.178	0.155	0.147	0.138	0.129	0.119	0.109	0.110	0.110	0.110	0.111	0.111
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.211	0.205	0.199	0.192	0.184	0.176	0.164	0.150	0.136	0.121	0.106	0.100	0.094	0.087	0.081	0.074	0.075	0.075	0.075	0.075	0.075
	LATS shortfall (how much extra is landfilled above LATS target)	-0.054	-0.052	-0.045	-0.035	-0.021	-0.003	0.004	0.010	0.016	0.006	-0.004	-0.005	-0.005	-0.007	-0.008	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.003	0.005	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.007	0.011	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.143	0.157	0.171	0.185	0.200	0.216	0.235	0.255	0.275	0.285	0.299	0.309	0.320	0.331	0.342	0.354	0.366	0.378	0.390	0.403	0.416
	Recovery target	0.024	0.031	0.039	0.047	0.056	0.065	0.080	0.097	0.115	0.128	0.143	0.150	0.157	0.165	0.172	0.180	0.178	0.175	0.172	0.169	0.166
	Non-hazardous landfill	0.311	0.302	0.292	0.282	0.271	0.260	0.237	0.210	0.184	0.171	0.155	0.147	0.138	0.129	0.119	0.109	0.110	0.110	0.110	0.111	0.111
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.342	0.368	0.395	0.423	0.453	0.483	0.503	0.523	0.544	0.565	0.587	0.607	0.627	0.647	0.668	0.690	0.708	0.727	0.746	0.766	0.785
	Recovery target	0.120	0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.185	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.232	0.230
	Non-hazardous landfill	0.393	0.384	0.373	0.362	0.351	0.338	0.325	0.312	0.297	0.282	0.267	0.258	0.248	0.239	0.229	0.218	0.214	0.209	0.204	0.199	0.193
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.586	0.599	0.612	0.625	0.638	0.651	0.651	0.651	0.651	0.651	0.651	0.677	0.703	0.729	0.755	0.781	0.781	0.781	0.781	0.781	0.781
	Recovery target	0.469	0.461	0.453	0.445	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.427	0.406	0.385	0.365	0.370	0.375	0.380	0.385	0.391
	Inert landfill	0.247	0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135	0.130
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.025	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.485	0.525	0.566	0.608	0.653	0.700	0.737	0.778	0.819	0.850	0.885	0.916	0.946	0.978	1.010	1.043	1.074	1.105	1.136	1.168	1.201
	C&D recycling target	0.586	0.599	0.612	0.625	0.638	0.651	0.651	0.651	0.651	0.651	0.651	0.677	0.703	0.729	0.755	0.781	0.781	0.781	0.781	0.781	0.781
	MSW and C&I recovery target	0.143	0.156	0.168	0.182	0.195	0.210	0.238	0.268	0.300	0.327	0.357	0.369	0.382	0.395	0.408	0.421	0.417	0.412	0.407	0.401	0.396
	C&D recovery target	0.469	0.461	0.453	0.445	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.427	0.406	0.385	0.365	0.370	0.375	0.380	0.385	0.391
	Non-hazardous landfill	0.704	0.685	0.666	0.644	0.622	0.598	0.562	0.522	0.481	0.454	0.422	0.404	0.386	0.367	0.348	0.328	0.323	0.319	0.314	0.309	0.304
	Inert landfill	0.247	0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135	0.130

0.029

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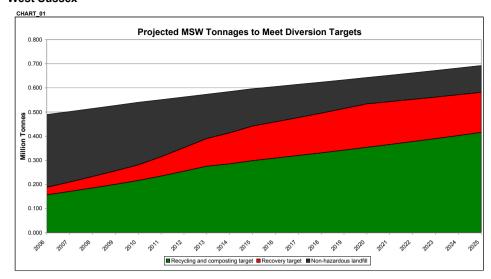
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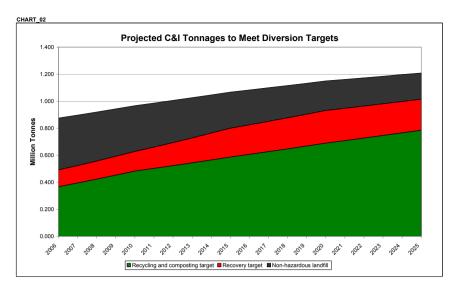
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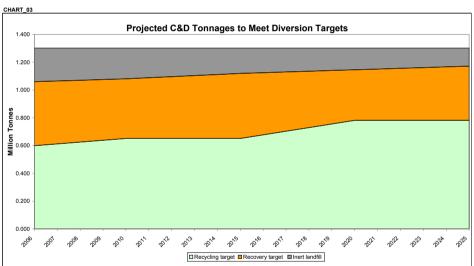
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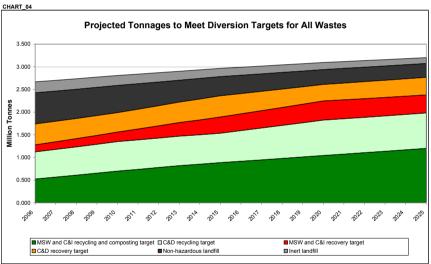
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### **West Sussex**

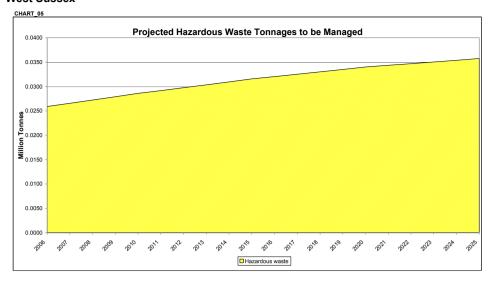








## **West Sussex**



3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO	

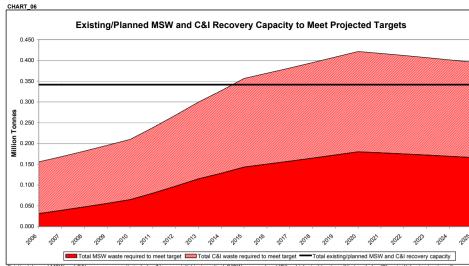
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341
Total existing/planned MSW and C&I recovery capacity	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341
Total MSW waste required to meet target	0.024	0.031	0.039	0.047	0.056	0.065	0.080	0.097	0.115	0.128	0.143	0.150	0.157	0.165	0.172	0.180	0.178	0.175	0.172	0.169	0.166
Total C&I waste required to meet target	0.120	0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.185	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.232	0.230
Surplus/deficit capacity	0.198	0.186	0.173	0.160	0.146	0.132	0.103	0.073	0.042	0.014	-0.015	-0.028	-0.040	-0.053	-0.066	-0.080	-0.075	-0.070	-0.065	-0.060	-0.054
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976
Total existing/planned composting capacity	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082
Total MSW waste required to meet recycling and composting target	0.143	0.157	0.171	0.185	0.200	0.216	0.235	0.255	0.275	0.285	0.299	0.309	0.320	0.331	0.342	0.354	0.366	0.378	0.390	0.403	0.416
Total C&I waste required to meet recycling and composting target	0.342	0.368	0.395	0.423	0.453	0.483	0.503	0.523	0.544	0.565	0.587	0.607	0.627	0.647	0.668	0.690	0.708	0.727	0.746	0.766	0.785
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.257	-0.296	-0.337	-0.380	-0.425	-0.471	-0.509	-0.550	-0.591	-0.622	-0.657	-0.687	-0.718	-0.750	-0.782	-0.815	-0.846	-0.877	-0.908	-0.940	-0.973
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.403	-0.443	-0.484	-0.527	-0.571	-0.618	-0.656	-0.696	-0.737	-0.769	-0.804	-0.834	-0.865	-0.896	-0.929	-0.962	-0.992	-1.023	-1.054	-1.087	-1.119
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.586	0.599	0.612	0.625	0.638	0.651	0.651	0.651	0.651	0.651	0.651	0.677	0.703	0.729	0.755	0.781	0.781	0.781	0.781	0.781	0.781
Surplus/deficit capacity	-0.586	-0.599	-0.612	-0.625	-0.638	-0.651	-0.651	-0.651	-0.651	-0.651	-0.651	-0.677	-0.703	-0.729	-0.755	-0.781	-0.781	-0.781	-0.781	-0.781	-0.781
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.469	0.461	0.453	0.445	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.427	0.406	0.385	0.365	0.370	0.375	0.380	0.385	0.391
Surplus/deficit capacity	1.409	1.333	1.257	1.182	1.106	1.030	1.002	0.973	0.944	0.916	0.887	0.877	0.866	0.856	0.845	0.835	0.850	0.866	0.882	0.897	0.913
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000							0.000
Total hazardous waste to be recovered	N/A													0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	N/A
Surplus/deficit capacity	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A		N/A N/A	N/A N/A								
											N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity											N/A			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		N/A	N/A 1.440 1.416	N/A 0.459 0.411	-0.503 -0.579	-1.447 -1.552	N/A	-3.255 -3.427	N/A	-4.895 -5.153	N/A N/A	N/A	N/A	N/A N/A	N/A N/A -8.498 -9.030	N/A N/A -9.166 -9.760	N/A N/A	N/A N/A -10.467 -11.186	N/A N/A	N/A N/A	N/A N/A -12.403 -13.305
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		N/A 2.437	N/A 1.440	N/A 0.459	N/A -0.503	N/A -1.447	N/A -2.370	N/A -3.255	N/A -4.097	N/A -4.895	N/A N/A -5.663	N/A -6.395	N/A -7.111	N/A N/A -7.813	N/A N/A -8.498	N/A N/A -9.166	N/A N/A -9.818	N/A N/A	N/A N/A -11.115	N/A N/A	N/A N/A -12.403
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		N/A 2.437 2.437	N/A 1.440 1.416	N/A 0.459 0.411	-0.503 -0.579	-1.447 -1.552	-2.370 -2.507	-3.255 -3.427	-4.097 -4.309	-4.895 -5.153	N/A N/A -5.663 -5.969	-6.395 -6.755	-7.111 -7.527	N/A N/A -7.813 -8.286	N/A N/A -8.498 -9.030	N/A N/A -9.166 -9.760	N/A N/A -9.818 -10.474	N/A N/A -10.467 -11.186	N/A N/A -11.115 -11.895	N/A N/A -11.760 -12.602	N/A N/A -12.403 -13.305 -15.951 -13.125
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT"		N/A 2.437 2.437 2.437	1.440 1.416 1.348	0.459 0.411 0.268	-0.503 -0.579 -0.802	N/A -1.447 -1.552 -1.861	-2.370 -2.507 -2.908	-3.255 -3.427 -3.933	-4.097 -4.309 -4.933	-4.895 -5.153 -5.908	N/A N/A -5.663 -5.969 -6.869	-6.395 -6.755 -7.811	-7.111 -7.527 -8.746	N/A N/A -7.813 -8.286 -9.672	N/A N/A -8.498 -9.030 -10.590	N/A N/A -9.166 -9.760 -11.500	N/A N/A -9.818 -10.474 -12.399	N/A N/A -10.467 -11.186 -13.295	N/A N/A -11.115 -11.895 -14.185	N/A N/A -11.760 -12.602 -15.070	N/A N/A -12.403 -13.305 -15.951
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"		2.437 2.437 2.437 2.437 2.437	1.440 1.416 1.348 1.421	0.459 0.411 0.268 0.420	-0.503 -0.579 -0.802 -0.564	-1.447 -1.552 -1.861 -1.531	-2.370 -2.507 -2.908 -2.480	-3.255 -3.427 -3.933 -3.393	-4.097 -4.309 -4.933 -4.267	-4.895 -5.153 -5.908 -5.101	N/A N/A -5.663 -5.969 -6.869 -5.908	-6.395 -6.755 -7.811 -6.683	-7.111 -7.527 -8.746 -7.444	N/A N/A -7.813 -8.286 -9.672 -8.191	N/A N/A -8.498 -9.030 -10.590 -8.924	N/A N/A -9.166 -9.760 -11.500 -9.641	N/A N/A -9.818 -10.474 -12.399 -10.343	N/A N/A -10.467 -11.186 -13.295 -11.042	N/A N/A -11.115 -11.895 -14.185 -11.739	N/A N/A -11.760 -12.602 -15.070 -12.433	N/A N/A -12.403 -13.305 -15.951 -13.125
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialisty')  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TRDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		2.437 2.437 2.437 2.437 2.437 2.437	1.440 1.416 1.348 1.421 1.370	N/A 0.459 0.411 0.268 0.420 0.314	-0.503 -0.579 -0.802 -0.564 -0.731	N/A -1.447 -1.552 -1.861 -1.531 -1.763	-2.370 -2.507 -2.908 -2.480 -2.780	-3.255 -3.427 -3.933 -3.393 -3.772	-4.097 -4.309 -4.933 -4.267 -4.735	-4.895 -5.153 -5.908 -5.101 -5.668	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582	N/A -6.395 -6.755 -7.811 -6.683 -7.475	-7.111 -7.527 -8.746 -7.444 -8.358	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Total MSW and C&I wastes sent direct to non-hazardous landfill		2.437 2.437 2.437 2.437 2.437 2.437	N/A  1.440 1.416 1.348 1.421 1.370 0.666	N/A 0.459 0.411 0.268 0.420 0.314	-0.503 -0.579 -0.802 -0.564 -0.731	N/A -1.447 -1.552 -1.861 -1.531 -1.763	-2.370 -2.507 -2.908 -2.480 -2.780	-3.255 -3.427 -3.933 -3.393 -3.772	-4.097 -4.309 -4.933 -4.267 -4.735	-4.895 -5.153 -5.908 -5.101 -5.668	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148	-7.111 -7.527 -8.746 -7.444 -8.358	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Total MSW and C&I recovery by "Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"	N/A	N/A 2.437 2.437 2.437 2.437 2.437 0.685 0.000 0.000	1.440 1.416 1.348 1.421 1.370 0.666	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479 -0.528	-0.503 -0.579 -0.802 -0.564 -0.731 -0.622 -0.711 -0.787	N/A  -1.447 -1.552 -1.861 -1.531 -1.763 0.598  -0.937 -1.043	-2.370 -2.507 -2.908 -2.480 -2.780 0.562	N/A -3.255 -3.427 -3.933 -3.393 -3.772 0.522 -1.372 -1.545	-4.097 -4.309 -4.933 -4.267 -4.735 0.481	N/A -4.895 -5.153 -5.908 -5.101 -5.668 0.454 -1.776 -2.033	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422	-6.395 -6.755 -7.811 -6.683 -7.475 0.404	N/A  -7.111 -7.527 -8.746 -7.444 -8.358 0.386  -2.325 -2.741	-7.813 -8.286 -9.672 -8.191 -9.231 0.367	-8.498 -9.030 -10.590 -8.924 -10.094 0.348	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MICT  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by TCDF  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity		N/A 2.437 2.437 2.437 2.437 2.437 0.685	N/A  1.440 1.416 1.348 1.421 1.370 0.666	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479	-0.503 -0.579 -0.802 -0.564 -0.731 0.622	N/A -1.447 -1.552 -1.861 -1.531 -1.763 0.598 -0.937	-2.370 -2.507 -2.908 -2.480 -2.780 0.562 -1.159	N/A  -3.255 -3.427 -3.933 -3.393 -3.772 0.522 -1.372	-4.097 -4.309 -4.933 -4.267 -4.735 0.481	-4.895 -5.153 -5.908 -5.101 -5.668 0.454	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148	-7.111 -7.527 -8.746 -7.444 -8.358 0.386	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 0.348	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Total MSW and C&I recovery by "Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"	N/A	N/A  2.437 2.437 2.437 2.437 2.437 0.685  0.000 0.000 0.242	N/A  1.440 1.416 1.348 1.421 1.370 0.666  -0.242 -0.266	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479 -0.528	-0.503 -0.579 -0.802 -0.564 -0.731 -0.622 -0.711 -0.787	N/A  -1.447 -1.552 -1.861 -1.531 -1.763 0.598  -0.937 -1.043	-2.370 -2.507 -2.908 -2.480 -2.780 0.562 -1.159 -1.295	N/A -3.255 -3.427 -3.933 -3.393 -3.772 0.522 -1.372 -1.545	N/A  -4.097 -4.309 -4.933 -4.267 -4.735 0.481  -1.578 -1.791	N/A -4.895 -5.153 -5.908 -5.101 -5.668 0.454 -1.776 -2.033	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422 -1.966 -2.273	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148 -2.508	N/A  -7.111 -7.527 -8.746 -7.444 -8.358 0.386  -2.325 -2.741	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367 -2.497 -2.970	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 0.348	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323 -2.982 -3.638	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319 -3.133 -3.851	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314 -3.278 -4.059	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309 -3.419 -4.261	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456 0.130
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "treatment"  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)	N/A	N/A 2.437 2.437 2.437 2.437 2.437 0.685 0.000 0.000	N/A  1.440 1.416 1.348 1.421 1.370 0.666  -0.242 -0.266	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479 -0.528	-0.503 -0.579 -0.802 -0.564 -0.731 -0.622 -0.711 -0.787	N/A  -1.447 -1.552 -1.861 -1.531 -1.763 0.598  -0.937 -1.043	-2.370 -2.507 -2.908 -2.480 -2.780 0.562 -1.159 -1.295	N/A -3.255 -3.427 -3.933 -3.393 -3.772 0.522 -1.372 -1.545	N/A  -4.097 -4.309 -4.933 -4.267 -4.735 0.481  -1.578 -1.791	N/A -4.895 -5.153 -5.908 -5.101 -5.668 0.454 -1.776 -2.033	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422 -1.966 -2.273	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148 -2.508	N/A  -7.111 -7.527 -8.746 -7.444 -8.358 0.386  -2.325 -2.741	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367 -2.497 -2.970	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 0.348	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323 -2.982 -3.638	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319 -3.133 -3.851	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314 -3.278 -4.059	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309 -3.419 -4.261	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MST'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill	0.247	N/A  2.437 2.437 2.437 2.437 2.437 0.685  0.000 0.000 0.242	N/A  1.440 1.416 1.348 1.421 1.370 0.666  -0.242 -0.266 0.237	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479 -0.528 0.232	-0.503 -0.579 -0.802 -0.564 -0.731 0.622 -0.711 -0.787 0.227	-1.447 -1.552 -1.861 -1.531 -1.763 0.598 -0.937 -1.043 0.221	-2.370 -2.507 -2.507 -2.908 -2.480 -2.780 0.562 -1.159 -1.295 0.214	N/A -3.255 -3.427 -3.933 -3.3772 0.522 -1.372 -1.545 0.206	-4.097 -4.309 -4.933 -4.267 -4.735 0.481 -1.578 -1.791 0.198	N/A -4.895 -5.153 -5.908 -5.101 -5.668 0.454 -1.776 -2.033 0.190	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422 -1.966 -2.273 0.182	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148 -2.508 0.177	N/A  -7.111 -7.527 -8.746 -7.444 -8.358 0.386  -2.325 -2.741 0.172	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367 -2.497 -2.970 0.167	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 0.348 -2.664 -3.196 0.161	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328 -2.825 -3.418 0.156	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323 -2.982 -3.638 0.151	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319 -3.133 -3.851 0.146	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314 -3.278 -4.059 0.141	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309 -3.419 -4.261 0.135	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456 0.130
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by TRDF'  Available non-hazardous landfill capacity  Total MSW and C&I waste sent direct to non-hazardous landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.247 0.000	N/A  2.437 2.437 2.437 2.437 2.437 0.685  0.000 0.000 0.242	N/A  1.440 1.416 1.348 1.421 1.370 0.666 -0.242 -0.266 0.237	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479 -0.528 0.232	-0.503 -0.579 -0.802 -0.564 -0.731 0.622 -0.711 -0.787 0.227	-1.447 -1.552 -1.861 -1.531 -1.763 0.598 -0.937 -1.043 0.221	-2.370 -2.507 -2.507 -2.908 -2.480 -2.780 0.562 -1.159 -1.295 0.214	N/A -3.255 -3.427 -3.933 -3.3772 0.522 -1.372 -1.545 0.206	-4.097 -4.309 -4.933 -4.267 -4.735 0.481 -1.578 -1.791 0.198	N/A  -4.895 -5.153 -5.908 -5.101 -5.668 0.454  -1.776 -2.033 0.190  0.000	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422 -1.966 -2.273 0.182	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148 -2.508 0.177	N/A  -7.111 -7.527 -8.746 -7.444 -8.358 0.386  -2.325 -2.741 0.172	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367 -2.497 -2.970 0.167	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 0.348 -2.664 -3.196 0.161	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328 -2.825 -3.418 0.156	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323 -2.982 -3.638 0.151	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319 -3.133 -3.851 0.146	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314 -3.278 -4.059 0.141	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309 -3.419 -4.261 0.135	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456 0.130
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty'  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous landfill capacity  Total hazardous landfill capacity  Total hazardous landfill capacity  Total hazardous landfill capacity	0.247 0.000	N/A  2.437 2.437 2.437 2.437 2.437 0.685  0.000 0.000 0.242	N/A  1.440 1.416 1.348 1.421 1.370 0.666 -0.242 -0.266 0.237	N/A  0.459 0.411 0.268 0.420 0.314 0.644  -0.479 -0.528 0.232	-0.503 -0.579 -0.802 -0.564 -0.731 0.622 -0.711 -0.787 0.227	-1.447 -1.552 -1.861 -1.531 -1.763 0.598 -0.937 -1.043 0.221	-2.370 -2.507 -2.507 -2.908 -2.480 -2.780 0.562 -1.159 -1.295 0.214	N/A -3.255 -3.427 -3.933 -3.3772 0.522 -1.372 -1.545 0.206	-4.097 -4.309 -4.933 -4.267 -4.735 0.481 -1.578 -1.791 0.198	N/A  -4.895 -5.153 -5.908 -5.101 -5.668 0.454  -1.776 -2.033 0.190  0.000	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422 -1.966 -2.273 0.182	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148 -2.508 0.177	N/A  -7.111 -7.527 -8.746 -7.444 -8.358 0.386  -2.325 -2.741 0.172	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 0.367 -2.497 -2.970 0.167	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 0.348 -2.664 -3.196 0.161	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328 -2.825 -3.418 0.156	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323 -2.982 -3.638 0.151	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319 -3.133 -3.851 0.146	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314 -3.278 -4.059 0.141	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309 -3.419 -4.261 0.135	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456 0.130
Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by TRDF'  Available non-hazardous landfill capacity  Total MSW and C&I waste sent direct to non-hazardous landfill  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')  Total C&D waste sent direct to inert landfill (excludes residues from MSW and C&I recovery)  Hazardous landfill  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill  Other	0.247 0.000 N	2.437 2.437 2.437 2.437 2.437 0.685 0.000 0.000 0.242	N/A  1.440 1.416 1.348 1.421 1.370 0.666 -0.242 -0.266 0.237 0.000  I/A N	0.459 0.411 0.268 0.420 0.314 0.644 -0.479 -0.528 0.232	-0.503 -0.579 -0.802 -0.564 -0.731 0.622 -0.711 -0.787 0.227 -0.000 A	-1.447 -1.552 -1.861 -1.531 -1.763 0.598 -0.937 -1.043 0.221 -0.000 A N/	-2.370 -2.507 -2.507 -2.908 -2.480 -2.780 0.562 -1.159 -1.295 0.214 0.000 A	N/A  -3.255 -3.427 -3.933 -3.393 -3.792 0.522 -1.372 -1.545 0.206  0.000  /A  N.	-4.097 -4.309 -4.933 -4.267 -4.735 0.481 -1.578 -1.791 0.198	N/A  -4.895 -5.153 -5.908 -5.101 -5.668 0.454 -1.776 -2.033 0.190  0.000 /A N/	N/A N/A -5.663 -5.969 -6.869 -5.908 -6.582 0.422 -1.966 -2.273 0.182 0.000 A	N/A -6.395 -6.755 -7.811 -6.683 -7.475 0.404 -2.148 -2.508 0.177  0.000 A N/	-7.111 -7.527 -8.746 -7.444 -8.358 0.386 -2.325 -2.741 0.172 	N/A N/A -7.813 -8.286 -9.672 -8.191 -9.231 -0.367 -2.497 -2.970 -0.167 -0.000 A	N/A N/A -8.498 -9.030 -10.590 -8.924 -10.094 -0.348 -2.664 -3.196 0.161 0.000	N/A N/A -9.166 -9.760 -11.500 -9.641 -10.946 0.328 -2.825 -3.418 0.156	N/A N/A -9.818 -10.474 -12.399 -10.343 -11.787 0.323 -2.982 -3.638 0.151	N/A N/A -10.467 -11.186 -13.295 -11.042 -12.624 0.319 -3.133 -3.851 0.146	N/A N/A -11.115 -11.895 -14.185 -11.739 -13.456 0.314 -3.278 -4.059 0.141 0.000 N/A N	N/A N/A -11.760 -12.602 -15.070 -12.433 -14.285 0.309 -3.419 -4.261 0.135	N/A N/A -12.403 -13.305 -15.951 -13.125 -15.109 0.304 -3.554 -4.456 0.130 0.000 /A

<sup>(1)</sup> ERM has assumed that 20% of the total "transfer' capacity will deliver recycling capacity (2) ERM has assumed that 5% of the total "transfer' capacity will deliver recycling capacity (3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001) Landfill capacity data for 2005 were adapted from Table R in the ERM data template for each sub-region

Total hazardous waste recycling and recovery residue sent to hazardous landfill

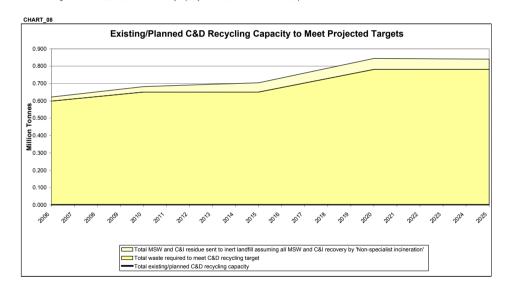
: RESIDUE RATES (%) Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																				
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	10	5	5	5	5	10	5	5	5	5	5	5	5	5	- 10	5	10
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Other																				
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored Closed	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with					IVA	IVA	IWA	1975	IV/A	1975	IVA	N/A	IVA	IVA	IVA	INA	NA	IVA	IVA	147
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2017	2010	2010	2020	LULI	LULL	LOLO	
MSW and C&I incineration (non-specialist) - bottom ash	0.043	0.047	0.051	0.054	0.059	0.063	0.071	0.080	0.090	0.098	0.107	0.111	0.115	0.118	0.122	0.126	0.125	0.124	0.122	0.120
MSW and C&I incineration (non-specialist) - fly ash	0.004	0.005	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.011	0.012	0.012	0.013	0.013	0.012	0.012	0.012
MSW and C&I to MBT	0.085	0.003	0.003	0.003	0.000	0.124	0.141	0.008	0.009	0.010	0.210	0.011	0.225	0.012	0.012	0.013	0.013	0.012	0.012	0.012
	0.065	0.092	0.099	0.107		0.124	0.141	0.156	0.177	0.193	0.210	0.216	0.225	0.233		0.249	0.246	0.243	0.240	
MSW and C&I to RDF					0.023										0.049					0.048
MSW and C&I treatment - non-hazardous	0.065	0.070	0.076	0.082	0.088	0.094	0.107	0.121	0.135	0.147	0.161	0.166	0.172	0.178	0.184	0.190	0.188	0.185	0.183	0.181
MSW and C&I treatment - hazardous	0.007	0.008	0.008	0.009	0.010	0.010	0.012	0.013	0.015	0.016	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.021	0.020	0.020
Hazardous waste recovery	N/A N	V/A N	1/A	V/A N	/A N	I/A N	/A N/	/A N	/A N/	A N	'A N/	A N/.	'A N/	/A N/	A N	I/A N	I/A N	I/A N	I/A N	I/A
Recycling residues (of waste managed):																				
MSW and C&I recycling and composting	0.073	0.079	0.085	0.091	0.098	0.105	0.111	0.117	0.123	0.128	0.133	0.137	0.142	0.147	0.152	0.157	0.161	0.166	0.170	0.17
C&D recycling	0.059	0.060	0.061	0.062	0.064	0.065	0.065	0.065	0.065	0.065	0.065	0.068	0.070	0.073	0.076	0.078	0.078	0.078	0.078	0.078
Hazardous waste recycling						I/A N			/A N/											I/A
TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.131	0.139	0.146	0.154	0.162	0.170	0.176	0.182	0.188	0.193	0.198	0.205	0.212	0.220	0.227	0.235	0.239	0.244	0.249	0.25
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																				0.060
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022 0.022	0.023 0.023	0.025 0.025	0.027 0.027	0.029 0.029	0.031	0.036	0.040	0.045	0.049 0.049	0.054	0.055 0.055	0.057 0.057	0.059 0.059	0.061 0.061	0.063 0.063	0.063 0.063	0.062 0.062	0.061 0.061	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'																				
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	0.060
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2- Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill																				0.060
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.022 0.085	0.023	0.025	0.027	0.029 0.115	0.031 0.124	0.036 0.141	0.040	0.045	0.049 0.193	0.054	0.055 0.218	0.057 0.225	0.059	0.061	0.063 0.249	0.063 0.246	0.062 0.243	0.061 0.240	0.060
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	0.060
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	0.022 0.085 0.017	0.023 0.092 0.019	0.025 0.099 0.020	0.027 0.107 0.022	0.029 0.115 0.023	0.031 0.124 0.025	0.036 0.141 0.029	0.040 0.158 0.032	0.045 0.177 0.036	0.049 0.193 0.039	0.054 0.210 0.043	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.022 0.085 0.017 0.065	0.023 0.092 0.019 0.070	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218	0.057 0.225	0.059	0.061	0.063 0.249	0.063 0.246	0.062 0.243	0.061 0.240	0.060 0.237 0.048
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.022 0.085 0.017 0.065 undfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060 0.237 0.048
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.022 0.085 0.017 0.065 undfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060 0.237 0.048
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Totatement' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites	0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060 0.237 0.048
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (5) TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haza landfill' (1) C&D reused on landfill sites sent to 'non-haza landfill'	0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060 0.237 0.048
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (5) TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haza landfill' (1) C&D reused on landfill sites sent to 'non-haza landfill'	0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060 0.237 0.048
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) CNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.022 0.085 0.017 0.065 undfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076 el assumptio	0.027 0.107 0.022 0.082 ons develope	0.029 0.115 0.023 0.088 ad MEL 50%	0.031 0.124 0.025 0.094 6 was assur	0.036 0.141 0.029 0.107 ned to go to	0.040 0.158 0.032 0.121 C&D recycl	0.045 0.177 0.036 0.135 ling, rather th	0.049 0.193 0.039 0.147 han to inert	0.054 0.210 0.043 0.161	0.055 0.218 0.044 0.166	0.057 0.225 0.046 0.172	0.059 0.233 0.047 0.178	0.061 0.241 0.049 0.184	0.063 0.249 0.051 0.190	0.063 0.246 0.050 0.188	0.062 0.243 0.049 0.185	0.061 0.240 0.049 0.183	0.060 0.237 0.048 0.181
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (2) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (5) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) (3) It was assumed that 50% is sent to inert lated (1) (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) (3) It was on landfill sites on to 'non-hazardous landfill (1) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.092 0.019 0.070 original mode	0.025 0.099 0.020 0.076	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.031 0.124 0.025 0.094	0.036 0.141 0.029 0.107	0.040 0.158 0.032 0.121	0.045 0.177 0.036 0.135	0.049 0.193 0.039 0.147	0.054 0.210 0.043 0.161	0.055 0.218 0.044	0.057 0.225 0.046	0.059 0.233 0.047	0.061 0.241 0.049	0.063 0.249 0.051	0.063 0.246 0.050	0.062 0.243 0.049	0.061 0.240 0.049	0.060 0.237 0.048 0.181
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.022 0.085 0.017 0.065 undfill. In the o	0.023 0.092 0.019 0.070 riginal mode % % % %	0.025 0.099 0.020 0.076 el assumptio	0.027 0.107 0.022 0.082 ons develope	0.029 0.115 0.023 0.088 ed MEL 50%	0.031 0.124 0.025 0.094 6 was assur	0.036 0.141 0.029 0.107 ned to go to	0.040 0.158 0.032 0.121 C&D recycl	0.045 0.177 0.036 0.135 ling, rather th	0.049 0.193 0.039 0.147 han to inert	0.054 0.210 0.043 0.161	0.055 0.218 0.044 0.166	0.057 0.225 0.046 0.172	0.059 0.233 0.047 0.178	0.061 0.241 0.049 0.184	0.063 0.249 0.051 0.190	0.063 0.246 0.050 0.188	0.062 0.243 0.049 0.185	0.061 0.240 0.049 0.183	0.060 0.237 0.048
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) 2) Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  CINNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'	0.022 0.085 0.017 0.065 andfill. In the o 39 9 61 9 30 9 70 9 2005 0.055	0.023 0.092 0.019 0.070 riginal mode % % % %	0.025 0.099 0.020 0.076 el assumptio	0.027 0.107 0.022 0.082 ons develope 2008 0.052	0.029 0.115 0.023 0.088 0.088 0.088 2009 0.051	0.031 0.124 0.025 0.094 6 was assur	0.036 0.141 0.029 0.107 ned to go to	0.040 0.158 0.032 0.121 C&D recycl	0.045 0.177 0.036 0.135 0.135 liing, rather th	0.049 0.193 0.039 0.147 than to inert	0.054 0.210 0.043 0.161 landfi 2015 0.055	0.055 0.218 0.044 0.166 2016 0.052	0.057 0.225 0.046 0.172	0.059 0.233 0.047 0.178 2018 0.047	0.061 0.241 0.049 0.184 2019 0.045	0.063 0.249 0.051 0.190 2020 0.042	0.063 0.246 0.050 0.188 2021 0.043	0.062 0.243 0.049 0.185	0.061 0.240 0.049 0.183 2023 0.044	0.06 0.23 0.04 0.18
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (3) Total MSW and C&I residue sent on-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  Total reused C&D on inert landfill	0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.092 0.019 0.070 riginal mode % % % %	0.025 0.099 0.020 0.076 el assumptio	0.027 0.107 0.022 0.082 ons develope	0.029 0.115 0.023 0.088 ed MEL 50%	0.031 0.124 0.025 0.094 6 was assur	0.036 0.141 0.029 0.107 ned to go to	0.040 0.158 0.032 0.121 C&D recycl	0.045 0.177 0.036 0.135 ling, rather th	0.049 0.193 0.039 0.147 han to inert	0.054 0.210 0.043 0.161 landfi	0.055 0.218 0.044 0.166	0.057 0.225 0.046 0.172 2017 0.050	0.059 0.233 0.047 0.178	0.061 0.241 0.049 0.184	0.063 0.249 0.051 0.190	0.063 0.246 0.050 0.188	0.062 0.243 0.049 0.185	0.061 0.240 0.049 0.183	0.060 0.237 0.048 0.184
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Trastment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused C&D on inert landfill'  Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on land non-hazardous landfill is not included within the charts because it has been assumed that data is	0.022 0.085 0.017 0.065 andfill. In the orange of the	0.023 0.092 0.019 0.070 riginal mode % % % % % %	0.025 0.099 0.020 0.076 el assumptio	0.027 0.107 0.022 0.082 ons develope 2008 0.052 0.121	0.029 0.115 0.023 0.088 d MEL 50% 2009 0.051 0.119	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117	0.036 0.141 0.029 0.107 ned to go to 2011 0.051 0.119	0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.177 0.036 0.135 0.135 liing, rather th	0.049 0.193 0.039 0.147 than to inert	0.054 0.210 0.043 0.161 landfi 2015 0.055	0.055 0.218 0.044 0.166 2016 0.052	0.057 0.225 0.046 0.172 2017 0.050	0.059 0.233 0.047 0.178 2018 0.047	0.061 0.241 0.049 0.184 2019 0.045	0.063 0.249 0.051 0.190 2020 0.042	0.063 0.246 0.050 0.188 2021 0.043	0.062 0.243 0.049 0.185	0.061 0.240 0.049 0.183 2023 0.044	0.060 0.237 0.048 0.181
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'Tratient' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused C&D on inert landfill'  Total C&D reused on on-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data is	0.022 0.085 0.017 0.065 Indfill. In the o 39 9 61 9 30 9 70 9 2005 0.055 0.127	0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 ons develope 2008 0.052 0.121 unted for C&	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 ned to go to  2011 0.051 0.119 ing material	0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.177 0.036 0.135 0.135 ling, rather th	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125	0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.218 0.044 0.166 2016 0.052 0.122	0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188 0.188	0.062 0.243 0.049 0.185	0.061 0.240 0.049 0.183 0.183	0.060 0.237 0.048 0.181 2024 0.048 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "Teatment" (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused C&D on inert landfill'  Total Tc&D reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL	0.022 0.085 0.017 0.065 0.0ffil. In the o	0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 ons develope 2008 0.052 0.121	0.029 0.115 0.023 0.088 0.088 0.086 0.051 0.119 0.051 0.119	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117	0.036 0.141 0.029 0.107 0.107 0.0051 0.0119 0.0119	0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.177 0.036 0.135 0.135 liing, rather th	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125	0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.218 0.044 0.166 2016 0.052 0.122	0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188 2021 0.043 0.100	0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.237 0.048 0.181 2024 0.048 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat (1) CNAD reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) CAD reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (4) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (6) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (8) C&D reused on landfill sites sent to 'non-hazardous landfill' (8) C&D reused on landfill sites sent to 'non-hazardous landfill' (9) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (2) C&D reused on landfill sites sent to 'non-hazardous landfill' (3) C&D reused on	0.022 0.085 0.017 0.065 0.0ffil. In the o	0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 ons develope 2008 0.052 0.121 unted for C&	0.029 0.115 0.023 0.088 0.088 0.086 0.051 0.119 0.051 0.119	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 0.107 0.0051 0.0119 0.0119	0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.177 0.036 0.135 0.135 ling, rather th	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125	0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.218 0.044 0.166 2016 0.052 0.122	0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188 2021 0.043 0.100	0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.237 0.048 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late ToNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s'  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfilli	0.022 0.085 0.017 0.065 0.017 0.065 0.017 0.065 0.097 0.097 0.095 0.055 0.127 0.005 0.055 0.127	0.023 0.092 0.019 0.070 0.070 rriginal mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumptio 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C&	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 D reuse as	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 0.017 0.020 0.107 0.020 0.107 0.051 0.119 0.119 0.011 0.051 0.119	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121 I.  2012 A N	0.045 0.177 0.036 0.135 ling, rather th  2013 0.053 0.123	0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.218 0.044 0.166 2016 0.052 0.122 2016 A N/	0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188 2021 0.043 0.100	0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.237 0.048 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused and landfill sites sent to 'non-haz landfill' Total reused C&D on inert landfill' (1) C&D reused on landfill sites sent to 'non-haz and sumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data is TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.022 0.085 0.017 0.065 0.0ffil. In the o	0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 ons develope 2008 0.052 0.121 unted for C&	0.029 0.115 0.023 0.088 0.088 0.086 0.051 0.119 0.051 0.119	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 0.107 0.0051 0.0119 0.0119	0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.177 0.036 0.135 0.135 ling, rather th	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125	0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.218 0.044 0.166 2016 0.052 0.122	0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188 2021 0.043 0.100	0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' () Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Tvantemen' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lation (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lation (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill'  Total C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.022 0.085 0.017 0.065 0.017 0.065 0.065 0.127 2005 0.127 supplied by each	0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C& 2008 N/A N,	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 D reuse as 2009	0.031 0.124 0.025 0.094 6 was assur  2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 ned to go to  2011 0.051 0.119  ing material 2011 //A N/	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121 I.  2012 //A N	0.045 0.177 0.036 0.135 0.135 ling, rather th  2013 0.053 0.123	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 A N/	0.054  0.210  0.043  0.161  landfi  2015  0.055  0.127  2015  A N/	0.055 0.218 0.044 0.166 2016 0.052 0.122 2016 A N/	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 A No.	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 A N/	0.061 0.241 0.049 0.184 2019 0.045 0.105 2019 A N	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021  2021  2021  2021	0.062 0.243 0.049 0.185  2022 0.044 0.102	0.061 0.240 0.049 0.183  2023 0.044 0.103	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill to 'Non-Nazardous landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill in not included within the charts because it has been assumed that data is Total MSW and C&I residue sent to hazardous landfill is not included within the charts because it has been assumed that data is Total MSW and C&I residue sent to hazardous landfill in colored landfill sent total recovery to pron-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumption (based on total recovery by 'Non-specialist incineration' total residue sent by Non-specialist incineration' total residue sent by Non-specialist incin	0.022 0.085 0.017 0.065 0.017 0.065 0.017 0.065 0.097 0.097 0.095 0.055 0.127 0.005 0.055 0.127	0.023 0.092 0.019 0.070 0.070 rriginal mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumptio 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C&	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 D reuse as	0.031 0.124 0.025 0.094 6 was assur 2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 0.017 0.020 0.107 0.020 0.107 0.051 0.119 0.119 0.051 0.119 0.051 0.119	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121 I.  2012 A N	0.045 0.177 0.036 0.135 ling, rather th  2013 0.053 0.123	0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.218 0.044 0.166 2016 0.052 0.122 2016 A N/	0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188 2021 0.043 0.100	0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Trantemen' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated to the control of the contro	0.022 0.085 0.017 0.065 0.017 0.065 0.065 0.127 2005 0.127 supplied by each	0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C& 2008 N/A N,	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 i.D reuse as 2009	0.031 0.124 0.025 0.094 6 was assur  2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 ned to go to  2011 0.051 0.119  ing material 2011 //A N/	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  I.  2012 //A N	0.045 0.177 0.036 0.135 0.135 ling, rather th  2013 0.053 0.123	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 A N/	0.054  0.210  0.043  0.161  landfi  2015  0.055  0.127  2015  A N/	0.055 0.218 0.044 0.166 2016 0.052 0.122 2016 A N/	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 A No.	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 A N/	0.061 0.241 0.049 0.184 2019 0.045 0.105 2019 A N	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021  2021  2021  2021	0.062 0.243 0.049 0.185  2022 0.044 0.102	0.061 0.240 0.049 0.183  2023 0.044 0.103	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Trastment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Trastment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's Total RSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I recycling and composting residue sent to hazardous landfill recovery is by 'Non-specialist incineration' (based on total recovery by Non-specialist incineration' SC	0.022 0.085 0.017 0.065 0.017 0.065 0.065 0.127 2005 0.127 supplied by each	0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumption 2007 0.053 0.123 on has acco	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C& 2008 N/A N,	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 i.D reuse as 2009	0.031 0.124 0.025 0.094 6 was assur  2010 0.050 0.117 an enginee	0.036 0.141 0.029 0.107 ned to go to  2011 0.051 0.119  ing material 2011 //A N/	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  I.  2012 //A N	0.045 0.177 0.036 0.135 0.135 ling, rather th  2013 0.053 0.123	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 A N/	0.054  0.210  0.043  0.161  landfi  2015  0.055  0.127  2015  A N/	0.055 0.218 0.044 0.166 2016 0.052 0.122 2016 A N/	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 A No.	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 A N/	0.061 0.241 0.049 0.184 2019 0.045 0.105 2019 A N	0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021  2021  2021  2021	0.062 0.243 0.049 0.185  2022 0.044 0.102	0.061 0.240 0.049 0.183  2023 0.044 0.103	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery landfill and 50% is sent to inert landfill  Total reused on landfill sites  (SCENARIO 6 - RECOVERY SENT TO HAZARDOUS AND INERT LANDFILL (Million Tonnes)  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that data is total landfill and some sent to hazardous landfill is not included within the charts because it has been assumed that data is total landfill and the landfill is not included within the charts because it has been assumed that data is total landfill and the landfill is not included within the charts because it has been assumed that data is total landfill and the landfill is not included within the charts because it has been assumed that data is total landfill and land	0.022 0.085 0.017 0.065 0.016il. In the o 39 9 61 9 30 9 70 9 2005 0.055 0.127  Supplied by eac	0.023 0.092 0.019 0.070 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco 2007 0.005	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C& 2008 N/A N/A 0.052	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 D reuse as 2009 0.061 0.000	0.031 0.124 0.025 0.094 6 was assur  2010 0.050 0.117 an enginee 2010 VA N 2010	0.036 0.141 0.029 0.107 ned to go to  2011 0.051 0.119 ing material 2011 //A N/	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121 I.  2012 II.  2012 0.008	0.045 0.177 0.036 0.135 0.135 liing, rather th  2013 0.053 0.123  2013 0.023	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 A N/	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 A N/ 2017	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.047 0.110  2018 0.012	0.061 0.241 0.049 0.184  2019 0.045 0.105  2019 A N  2019 0.012	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 U/A N 2020 0.013	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021  UA N.	0.062 0.243 0.049 0.185  2022 0.044 0.102  2022 U/A N  2022 0.012	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 4/A N 2023 0.012	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tvantmen' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (SCENARIO 4 - Assumes all recovery is by 'Tvantmen' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (I) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  (I) C&D reused on landfill sites  (I) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused OAD on inert landfill'  Total C&D reused C&D on inert landfill  (I) C&D reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that data set of the control of the control of the charts o	0.022 0.085 0.017 0.065 0.017 0.065 0.061 0.07 0.085 0.09 0.095 0.095 0.095 0.127 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.095 0.096 0.006	0.023 0.092 0.019 0.070 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.000	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco 2007 0.065 0.005	0.027 0.107 0.022 0.082 0.082 0.082 0.052 0.121 unted for C& 2008 N/A N/A 0.005 0.005	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 d) reuse as 2009 0.051 0.109 0.000	0.031 0.124 0.025 0.094 6 was assure  2010 0.050 0.117 an enginee 2010 UA N 2010 0.006	0.036 0.141 0.029 0.107 0.107 0.051 0.119 2011 2011 2011 0.007 0.000	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  2012 VA N 2012 0.008 0.000	0.045 0.177 0.036 0.135 0.135 1ing, rather th  2013 0.053 0.123  2013 0.000 0.000	0.049 0.193 0.039 0.147 than to inert  2014 0.054 0.125  2014 0.010 0.000	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011 0.000	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011 0.000	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 0.011 0.000	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.012 0.000	0.061 0.241 0.049 0.184 2019 0.045 0.005 2019 0.012 0.000	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 0.042 0.099 2020 0.013	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021 0.013 0.000	0.062 0.243 0.049 0.185 2022 0.044 0.102 2022 0.012 0.000	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 0.012 0.000	0.060 0.237 0.048 0.181  2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  TOTAL MSW and C&I residue sent to 'non-hazardous landfill (scenario assumed to landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill'  Total C&D reused on inert landfill'  Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's COTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill is not included within the charts because it has been assumed that data's COTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capac	0.022 0.085 0.017 0.065 0.016il. In the o 39 9 61 9 30 9 70 9 2005 0.055 0.127  Supplied by eac	0.023 0.092 0.019 0.070 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco 2007 0.005	0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C& 2008 N/A N/A 0.052	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 D reuse as 2009 0.061 0.000	0.031 0.124 0.025 0.094 6 was assur  2010 0.050 0.117 an enginee 2010 VA N 2010	0.036 0.141 0.029 0.107 ned to go to  2011 0.051 0.119 ing material 2011 //A N/	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121 I.  2012 II.  2012 0.008	0.045 0.177 0.036 0.135 0.135 liing, rather th  2013 0.053 0.123  2013 0.023	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 A N/	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 A N/ 2017	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.047 0.110  2018 0.012	0.061 0.241 0.049 0.184  2019 0.045 0.105  2019 A N  2019 0.012	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 U/A N 2020 0.013	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021  UA N.	0.062 0.243 0.049 0.185  2022 0.044 0.102  2022 U/A N  2022 0.012	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 4/A N 2023 0.012	0.060 0.237 0.046 0.181 0.181 2024 0.045 0.105
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused C&D on inert landfill'  Total C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECYCENY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery to Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery to Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' (base	0.022 0.085 0.017 0.065 0.065 0.017 0.065 0.055 0.055 0.127 0.055 0.127 0.055 0.055 0.127 0.005 0.005 0.000	0.023 0.092 0.019 0.070 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.000	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco 2007 0.005 0.005 0.000	0.027 0.107 0.022 0.082 0.082 0.082 0.052 0.121 unted for C& 2008 0.052 0.121 0.000 0.000	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 d) reuse as 2009 0.066 0.000	0.031 0.124 0.025 0.094 6 was assure  2010 0.050 0.117 an enginee 2010 0.006 0.000 0.000	0.036 0.141 0.029 0.107 0.107 0.051 0.119 0.051 0.119 2011 0.007 0.000 0.000	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  2012 0.008 0.000 0.000	0.045 0.177 0.036 0.135 0.135 1ing, rather th  2013 0.053 0.123  2013 0.009 0.000 0.000	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 0.010 0.000 0.000	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011 0.000 0.000	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011 0.000 0.000	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 0.011 0.000 0.000	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.012 0.000 0.000	0.061 0.241 0.049 0.184 0.184 2019 0.045 0.105 2019 0.012 0.000 0.000	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 0.013 0.000 0.000	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021 0.013 0.000 0.000	0.062 0.243 0.049 0.185 2022 0.044 0.102 2022 2022 0.044 0.102 0.000 0.000	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 0.012 0.000 0.000	0.060 0.237 0.044 0.181 2024 0.045 0.105 2024 0.012 0.012
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  Total C&D reuse are sets based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill sond incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardou	0.022 0.085 0.017 0.065 0.065 0.017 39 9 61 9 30 9 70 9 2005 0.055 0.127  2005 N/A N 2005 0.004 0.000 0.000	0.023 0.092 0.019 0.070 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.005 0.000	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco  2007 0.005 0.005 0.000 0.000	0.027 0.107 0.022 0.082 0.082 0.082 0.052 0.121 unted for C& 2008 0.052 0.121 0.000 0.000 0.000	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 d) reuse as 2009 0.051 0.109 0.000	0.031 0.124 0.025 0.094 6 was assure  2010 0.050 0.117 an enginee 2010 UA N 2010 0.006	0.036 0.141 0.029 0.107 0.107 0.051 0.119 2011 2011 2011 0.007 0.000	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  2012 VA N 2012 0.008 0.000	0.045 0.177 0.036 0.135 0.135 1ing, rather th  2013 0.053 0.123  2013 0.000 0.000	0.049 0.193 0.039 0.147 than to inert  2014 0.054 0.125  2014 0.010 0.000	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011 0.000	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011 0.000	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 0.011 0.000	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.012 0.000	0.061 0.241 0.049 0.184 2019 0.045 0.005 2019 0.012 0.000	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 0.042 0.099 2020 0.013	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021 0.013 0.000	0.062 0.243 0.049 0.185 2022 0.044 0.102 2022 0.012 0.000	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 0.012 0.000	0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022 0.085 0.017 0.065 0.065 0.017 39 9 61 9 30 9 70 9 2005 0.055 0.127  supplied by each 0.005 0.000 0.000 0.000 0.0007 0.007	0.023 0.092 0.019 0.070 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.005 0.000	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco  2007 0.005 0.005 0.000 0.000	0.027 0.107 0.022 0.082 0.082 0.082 0.052 0.121 unted for C& 2008 0.052 0.121 0.000 0.000 0.000	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 d) reuse as 2009 0.066 0.000	0.031 0.124 0.025 0.094 6 was assure  2010 0.050 0.117 an enginee 2010 0.006 0.000 0.000	0.036 0.141 0.029 0.107 0.107 0.051 0.119 0.051 0.119 2011 0.007 0.000 0.000	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  2012 0.008 0.000 0.000	0.045 0.177 0.036 0.135 0.135 1ing, rather th  2013 0.053 0.123  2013 0.009 0.000 0.000	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 0.010 0.000 0.000	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011 0.000 0.000	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011 0.000 0.000	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 0.011 0.000 0.000	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.012 0.000 0.000	0.061 0.241 0.049 0.184 0.184  2019 0.045 0.105  2019 0.045 0.105  0.001 0.000 0.000	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 0.013 0.000 0.000	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021 0.013 0.000 0.000	0.062 0.243 0.049 0.185 2022 0.044 0.102 2022 2022 0.044 0.102 0.000 0.000	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 0.012 0.000 0.000	0.06 0.23 0.04 0.18 0.18 2022 0.04 0.10 0.00 0.00 0.00
Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Tevatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Tevatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill scenarios assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill it was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (C&I) reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' Total C&I reused on non-hazardous landfill and sites sent to 'non-hazardous landfill' Total C&I reused on inert and non-hazardous landfill' Total C&I reused on inert and non-hazardous landfill sont included within the charts because it has been assumed that data so DTAL MSW and C&I recipiting and composting residue sent to hazardous landfill sont included within the charts because it has been assumed that data so DTAL MSW and C&I recipiting and composting residue sent to hazardous landfill sont included within the charts because it has been assumed that data so DTAL MSW and C&I recipiting and composting residue sent to hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MSP' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MSP' (based on total recovery capacity) Total MSW and C&I	0.022 0.085 0.017 0.065 0.065 0.017 39 9 61 9 30 9 70 9 2005 0.055 0.127  supplied by each 0.005 0.000 0.000 0.000 0.0007 0.007	0.023 0.092 0.019 0.070 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.005 0.000	0.025 0.099 0.020 0.076 el assumptio  2007 0.053 0.123 on has acco  2007 0.005 0.005 0.000 0.000	0.027 0.107 0.022 0.082 0.082 0.082 0.052 0.121 unted for C& 2008 0.052 0.121 0.000 0.000 0.000	0.029 0.115 0.023 0.088 ed MEL 50% 2009 0.051 0.119 d) reuse as 2009 0.066 0.000	0.031 0.124 0.025 0.094 6 was assure  2010 0.050 0.117 an enginee 2010 0.006 0.000 0.000	0.036 0.141 0.029 0.107 0.107 0.051 0.119 0.051 0.119 2011 0.007 0.000 0.000	0.040 0.158 0.032 0.121 C&D recycl  2012 0.052 0.121  2012 0.008 0.000 0.000	0.045 0.177 0.036 0.135 0.135 1ing, rather th  2013 0.053 0.123  2013 0.009 0.000 0.000	0.049 0.193 0.039 0.147 han to inert  2014 0.054 0.125  2014 0.010 0.000 0.000	0.054 0.210 0.043 0.161 landfi  2015 0.055 0.127  2015 0.011 0.000 0.000	0.055 0.218 0.044 0.166  2016 0.052 0.122  2016 A N/ 2016 0.011 0.000 0.000	0.057 0.225 0.046 0.172  2017 0.050 0.116  2017 0.011 0.000 0.000	0.059 0.233 0.047 0.178  2018 0.047 0.110  2018 0.012 0.000 0.000	0.061 0.241 0.049 0.184 0.184  2019 0.045 0.105  2019 0.045 0.105  0.001 0.000 0.000	0.063 0.249 0.051 0.190 2020 0.042 0.099 2020 0.013 0.000 0.000	0.063 0.246 0.050 0.188  2021 0.043 0.100  2021 0.013 0.000 0.000	0.062 0.243 0.049 0.185 2022 0.044 0.102 2022 2022 0.044 0.102 0.000 0.000	0.061 0.240 0.049 0.183  2023 0.044 0.103  2023 0.012 0.000 0.000	0.06 0.23 0.04 0.18 0.18 2022 0.04 0.10 0.00 0.00 0.00

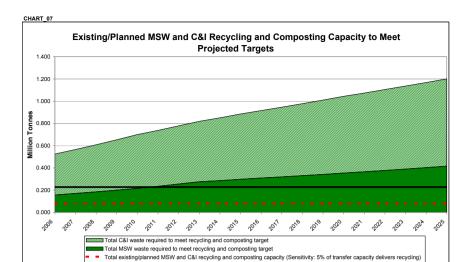
## **West Sussex**



Existing/planned MSW and C&I recovery capacity includes 'Non-specialist incineration', 'MSW recovery' and 'Other biological treatment' but excludes 'Chemical/physico treatment' NOTE: This capacity does not represent the quantity of material that is recovered.

NOTE: The original MEL model assumes that 'MSW recovery' capacity is incineration - but this is not made explicit.

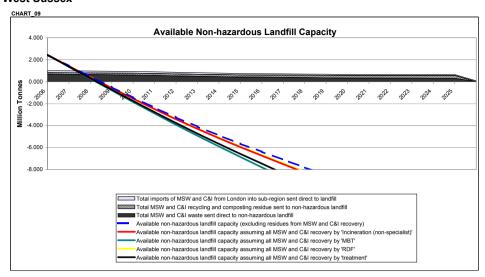


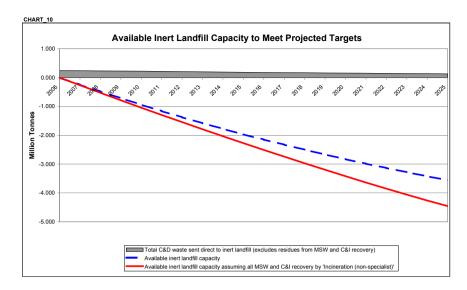


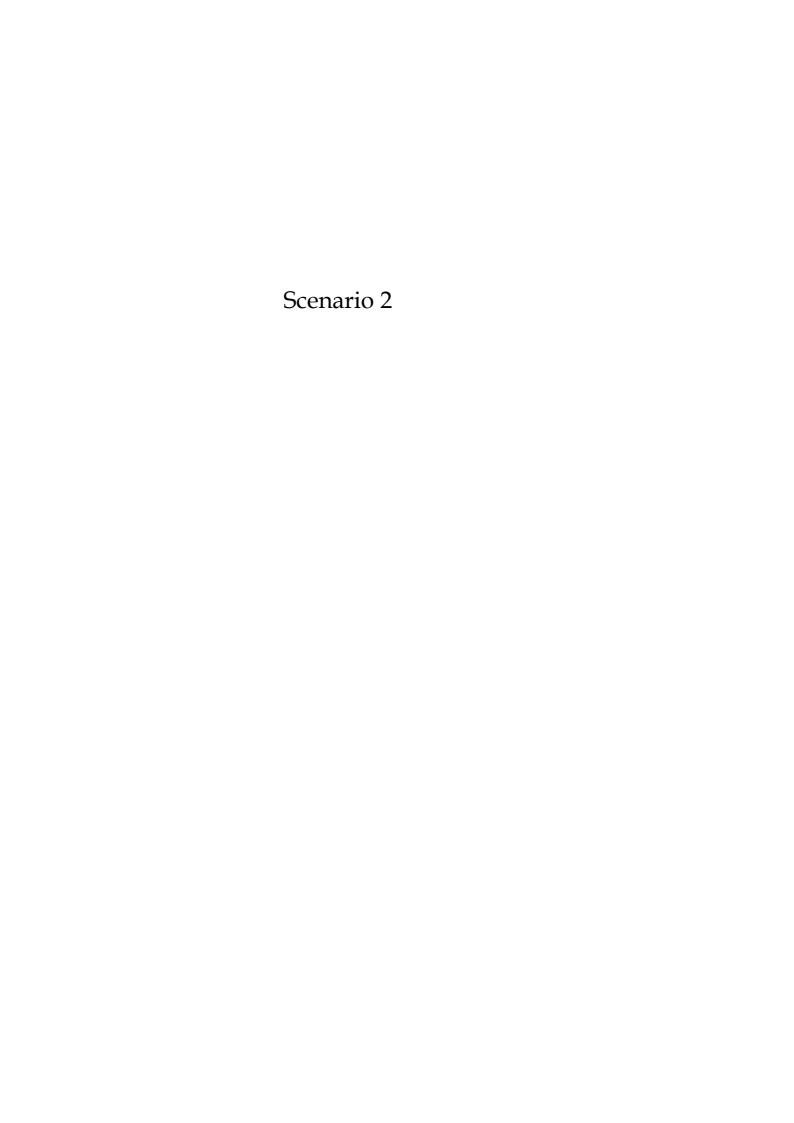
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)

Existing/planned MSW and C&I recycling capacity includes 'MRF', 'Other metal recovery' and 'Vehicle dismantling', but excludes 'Other physical treatment' (because this category includes CA sites)
NOTE: This capacity does not represent the quantity of material that is recycled and composted.

## **West Sussex**







#### SUMMARY DATA AND RESULTS FOR SE REGION

MANAGED	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	VASTE USED TO GENERATE RESULTS (MINIOTI TOTILIES)		4.886	5.008	5.133	5.261	5.393	5.501	5.611	5.723	5.837	5.954	6.043	6.134	6.226	6.319	6.414	6.510	6.608	6.707	6.808	6.910
	s from london that are sent direct to non-hazardous landfill		0.703	0.685	0.667	0.649	0.631	0.596	0.560	0.525	0.490	0.455	0.436	0.417	0.398	0.379	0.360	0.353	0.346	0.339	0.331	0.324
&i			8.206	8.411	8.621	8.837	9.058	9.239	9.423	9.612	9.804	10.000	10.150	10.302	10.457	10.614	10.773	10.881	10.990	11.100	11.211	11.323
&I - imports &d	from london that are sent direct to non-hazardous landfill		1.011 12.134	0.985 12.134	0.960 12.134	0.934 12.134	0.908 12.134	0.857 12.134	0.806 12.134	0.756 12.134	0.705 12.134	0.654 12.134	0.627 12.134	0.600 12.134	0.573 12.134	0.546 12.134	0.519 12.134	0.506 12.134	0.493 12.134	0.481 12.134	0.468 12.134	0.456
azardous			0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
id <u>L</u> didddd			0.100	0.101	0.010	0.022	0.000	0.010	0.001	0.000	0.070	0.001	0.000	0.000	0.010	0.027	0.001	0.010	0.000	0.000	0.000	0.00
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
nsw	LATS shortfall (how much extra is landfilled above LATS target)		-0.180	-0.142	-0.073	0.024	0.151	0.201	0.245	0.283	0.181	0.073	0.061	0.047	0.030	0.012	-0.008	-0.006	-0.004	-0.002	0.000	0.002
	Recycling and composting target Recovery target		1.563 0.313	1.703 0.391	1.848 0.472	2.018 0.563	2.274 0.682	2.460 0.843	2.646 1.010	2.832 1.182	2.927 1.317	3.026 1.453	3.123 1.519	3.221 1.586	3.320 1.654	3.421 1.723	3.528 1.796	3.646 1.771	3.767 1.745	3.890 1.717	4.017 1.688	4.14 1.65
	Non-hazardous landfill		3.010	2 914	2.813	2 680	2.437	2.197	1.010	1.709	1.517	1.475	1.402	1.300	1.054	1.723	1.790	1.771	1.743	1.100	1.103	1.10
&i	Recycling and composting target		3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.36
	Recovery target		1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.15
	Non-hazardous landfill		3.594	3.499	3.397	3.287	3.170	3.049	2.921	2.787	2.647	2.500	2.416	2.328	2.238	2.144	2.047	2.002	1.956	1.909	1.861	1.81
&d	Recycling target		5.582 4.295	5.703 4.223	5.824 4.150	5.946 4.077	6.067 4.004	6.067 4.077	6.067 4.150	6.067 4.223	6.067	6.067 4.368	6.310 4.174	6.552 3.980	6.795 3.786	7.038 3.592	7.280	7.280 3.446	7.280 3.495	7.280 3.543	7.280 3.592	7.28 3.64
	Recovery target Inert landfill		2 257	2 208	2 160	2 111	2.004	1 990	1 917	1 844	4.295 1.772	1 699	1.650	1 602	1.553	1 505	3.397 1.456	1.446	1 359	1 310	1 262	1.2
zardous	Hazardous waste		0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.6
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the mo	odel assume	es that this e	extra waste	is recycled/	composted	and recover	ed at the sa	me ratio as	the regiona	I targets for	recycling/o	composting a	and recover	y for that ye	ar.						
VICTING/DI	ANNIED CARACITY FOR RECYCLING RECOVERY AND LANDERLING AND TOTAL WASTE TONNACES TO FACIL DISPOSE	AL DOUTE	(M:III: T-																			
XISTING/PI	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSA	AL ROUTE	2006	nnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
SW and C8	recovery		2000	2007	2006	2009	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	2022	2023	2024	202
	Total existing/planned MSW and C&I recovery capacity		3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.07
	Surplus/deficit capacity		1.599	1.475	1.346	1.206	1.036	0.755	0.464	0.164	-0.103	-0.376	-0.492	-0.611	-0.731	-0.854	-0.982	-0.936	-0.888	-0.838	-0.787	-0.73
SW and C8	recycling and composting	<u></u>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.923 8.193	9.9: 8.1:
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		4.913	4.520	4.109	3.663	3.121	2.751	2.377	1.997	1.702	1.397	1.116	0.830	0.193	0.240	-0.069	-0.360	-0.657	-0.960	-1.268	-1.5
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		3.183	2.790	2.379	1.933	1.391	1.021	0.647	0.267	-0.028	-0.334	-0.614	-0.900	-1.192	-1.490	-1.799	-2.090	-2.387	-2.690	-2.999	-3.3
&D recyclin																						
	Total existing/planned C&D recycling capacity		0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.30
0 · · · ·	Surplus/deficit capacity		-5.273	-5.394	-5.515	-5.637	-5.758	-5.758	-5.758	-5.758	-5.758	-5.758	-6.001	-6.243	-6.486	-6.729	-6.971	-6.971	-6.971	-6.971	-6.971	-6.97
D recover	/ REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.30
	Surplus/deficit capacity		-2.502	-2.512	-2.523	-2 533	-2.544	-2.638	-2.731	-2.825	-2.919	-3.012	-2 849	-2 687	-2 524	-2.361	-2.198	-2.226	-2.253	-2.281	-2.309	-2.33
azardous w	aste recycling																					
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
azardous w	aste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.00 N/
on-hazardo			1471	1471	1671	1671	1471	1071	1471	14// (	14// 1	1071	1671	1471	14071	1071	14071	14071	1071	1071		
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		62.728	53.101	43.636	34.346	25.263	16.490	8.109	0.128	-7.445	-14.720	-21.690	-28.522	-35.214	-41.762	-48.163	-54.407	-60.632	-66.839	-73.028	-79.19
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		62.672	52.822	43.118	33.568	24.204	15.125	6.396	-1.977	-9.986	-17.738	-25.226	-32.594	-39.839	-46.958	-53.949	-60.801	-67.628	-74.430	-81.206	-87.9
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		62.506	52.007	41.597	31.286	21.099	11.122	1.371	-8.151	-17.442	-26.593	-35.600	-44.538	-53.405	-62.200	-70.920	-79.558	-88.151	-96.697	-105.195	-113.64
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		62.683 62.559	52.878 52.266	43.221 42.081	33.723 32.012	24.416 22.087	15.398 12.396	6.739 2.970	-1.556 -6.186	-9.478 -15.069	-17.135 -23.776	-24.519 -32.299	-31.779 -40.737	-38.914 -49.089	-45.919 -57.350	-52.792 -65.520	-59.522 -73.590	-66.229 -81.621	-72.912 -89.612	-79.571 -97.562	-86.20
ert landfill	Available non-mazardous fandiiii capacity assuming an work and our recovery by treatment		02.000	32.200	72.001	JZ.012	22.007	12.000	2.310	-0.100	-10.000	-20.770	-32.233	-40.737	-43.003	-07.000	-03.320	-70.000	-01.021	-03.012	-37.302	-100.41
	Available inert landfill capacity		70.832	68.576	66.367	64.207	62.096	60.033	58.043	56.126	54.282	52.510	50.812	49.162	47.560	46.007	44.502	43.046	41.639	40.280	38.969	37.70
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		70.776	68.297	65.849	63.429	61.038	58.669	56.331	54.022	51.740	49.492	47.275	45.090	42.935	40.811	38.716	36.652	34.642	32.689	30.791	28.95
azardous la																						
	Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.		3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.30
	Note. The model does not contain data for the management of nazardous waste.																					
ATA 01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
ISW	Arisings of MSW in baseline year																					
	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5
(1	Forecast regional level growth rate of MSW - cumulative (%)				5 133		5 393	5 501		5 723	5.837									6 707		
	Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)	4.766 2.0%	4.886	5.008	2.0%	5.261 2.0%	2.0%	2.0%	5.611 2.0%	2.0%	2.0%	5.954 2.0%	6.043 1.5%	6.134 1.5%	6.226 1.5%	6.319 1.5%	6.414 1.5%	6.510 1.5%	6.608 1.5%	1.5%	6.808	6.91 1.5
	) Forecast sub-regional level growth rate of MSW - cumulative (%)	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5
(.	Total arisings of MSW using sub-regional growth forecasts	4.747	4.862	4.976	5.088	5.202	5.312	5.409	5.499	5.591	5.685	5.779	5.857	5.935	6.015	6.085	6.162	6.240	6.320	6.400	6.482	6.56
ki	Arisings of C&I in baseline year																					
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
(1	) Forecast regional level growth rate of C&I - cumulative (%)					8 837					9 804							10.881				11.33
	Total arisings of C&I using regional growth forecasts	8.006	8.206	8.411	8.621		9.058	9.239	9.423	9.612		10.000	10.150	10.302	10.457	10.614	10.773		10.990	11.100	11.211	
	) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
(1	Total arisings of C&I using sub-regional growth forecasts	7.903	8.080	8.256	8.437	8.622	8.806	8.961	9.118	9.279	9.443	9.598	9.719	9.842	9.967	10.093	10.214	10.297	10.380	10.464	10.550	10.6
	Arisings of hazardous waste in baseline year																					
(2	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
	Forecast regional level growth rate of hazardous waste - cumulative (%)																					
	Total arisings of hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.6
(2	) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
	Forecast sub regional level growth rate of nazardous waste - cumulative (%)  Total arisings of hazardous waste	0.471	0.481	0.493	0.504	0.516	0.527	0.537	0.547	0.557	0.567	0.578	0.586	0.594	0.602	0.610	0.618	0.624	0.629	0.635	0.641	0.6
kd	Total managed C&D in baseline year																					
(3	Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
	Forecast regional-level growth rate of managed C&D - cumulative (%)																					
(3	Total managed of C&D for the sub-region	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.80

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

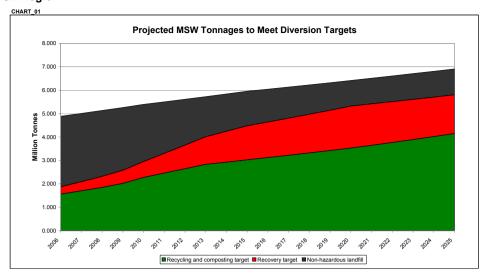
DATA_02:	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c8	i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	1.760	1.716	1.672	1.628	1.584	1.540	1.454	1.368	1.282	1.196	1.110	1.064	1.018	0.972	0.926	0.880	0.860	0.840	0.820	0.800	0.780
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%	38%	38%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.657	0.640	0.624	0.608	0.591	0.575	0.543	0.511	0.478	0.446	0.414	0.397	0.380	0.363	0.346	0.328	0.322	0.315	0.309	0.302	0.296
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.660	0.645	0.629	0.612	0.596	0.579	0.547	0.515	0.482	0.449	0.417	0.400	0.383	0.366	0.348	0.331	0.325	0.318	0.311	0.304	0.298
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%	62%	62%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	1.103	1.076	1.048	1.020	0.993	0.965	0.911	0.857	0.804	0.750	0.696	0.667	0.638	0.609	0.580	0.552	0.538	0.525	0.511	0.498	0.484
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	1.100	1.071	1.043	1.016	0.988	0.961	0.907	0.853	0.800	0.747	0.693	0.664	0.635	0.606	0.578	0.549	0.535	0.522	0.509	0.496	0.482

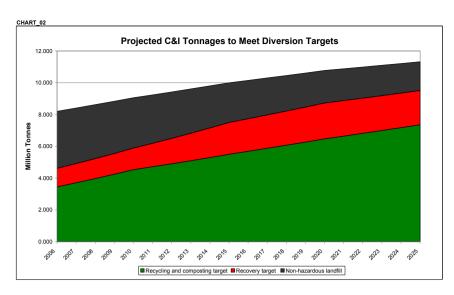
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloadable from www.southeast-ra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_sep\_d( Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I waste.

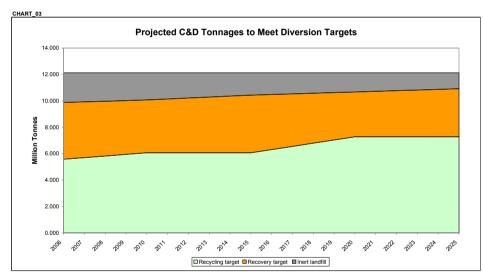
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		4.766	4.886	5.008	5.133	5.261	5.393	5.501	5.611	5.723	5.837	5.954	6.043	6.134	6.226	6.319	6.414	6.510	6.608	6.707	6.808	6.910
msw - impo	orts from london that are sent direct to non-hazardous landfill	0.721	0.703	0.685	0.667	0.649	0.631	0.596	0.560	0.525	0.490	0.455	0.436	0.417	0.398	0.379	0.360	0.353	0.346	0.339	0.331	0.324
c&i		8.006	8.206	8.411	8.621	8.837	9.058	9.239	9.423	9.612	9.804	10.000	10.150	10.302	10.457	10.614	10.773	10.881	10.990	11.100	11.211	11.323
c&I - impor	ts from london that are sent direct to non-hazardous landfill	1.037	1.011	0.985	0.960	0.934	0.908	0.857	0.806	0.756	0.705	0.654	0.627	0.600	0.573	0.546	0.519	0.506	0.493	0.481	0.468	0.456
c&d		12,134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134
hazardous		0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
DATA 04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	2.295	2.226	2.123	1.986	1.815	1.609	1.430	1.251	1.072	1.026	0.980	0.934	0.888	0.842	0.796	0.750	0.750	0.750	0.750	0.750	0.750
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

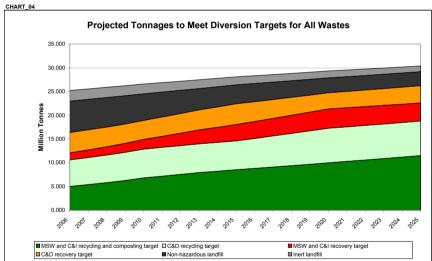
DATA\_02 calculates if there is a LATS shortfall or surplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and recovered at the same ratio as the regional targets for recycling/composting and recovery for that year. If there is a LATS surplus (ie more can be landfilled than is needed to meet regional diversion targets) then the model assumes that regional diversion targets are met (ie less unoted in the diversible than 1.5 vell selful.) Social selful for information and the properties of the diversion targets are met (ie less unoted is interestibled than 1.5 vell selful.)

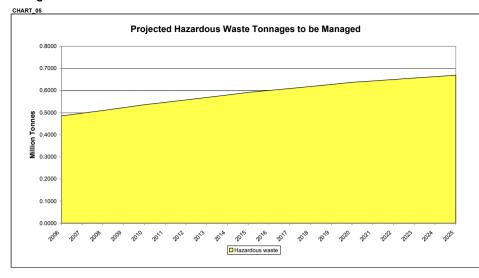
	landfilled than is needed to meet regional diversion targets) then the model assumes that regional diversion targets are met (ie																					
	less waste is landfilled than LATS will allow). 'Red italic' text indicates where there is a shortfall.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	1.668	1.876	2.093	2.320	2.557	2.804	3.102	3.411	3.731	4.063	4.406	4.581	4.760	4.943	5.131	5.324	5.417	5.511	5.607	5.705	5.804
	Total MSW not-diverted by targets	3.098	3.010	2.914	2.813	2.704	2.589	2.398	2.199	1.992	1.775	1.548	1.462	1.374	1.283	1.188	1.090	1.094	1.097	1.100	1.103	1.106
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	2.107	2.046	1.982	1.913	1.839	1.760	1.631	1.496	1.354	1.207	1.053	0.994	0.934	0.872	0.808	0.741	0.744	0.746	0.748	0.750	0.752
	LATS shortfall (how much extra is landfilled above LATS target)	-0.188	-0.180	-0.142	-0.073	0.024	0.151	0.201	0.245	0.283	0.181	0.073	0.061	0.047	0.030	0.012	-0.008	-0.006	-0.004	-0.002	0.000	0.002
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.005	0.035	0.051	0.068	0.083	0.056	0.024	0.020	0.015	0.010	0.004	0.000	0.000	0.000	0.000	0.000	0.001
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.019	0.116	0.150	0.177	0.199	0.125	0.049	0.041	0.031	0.020	0.008	0.000	0.000	0.000	0.000	0.000	0.001
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	1.430	1.563	1.703	1.848	2.018	2.274	2.460	2.646	2.832	2.927	3.026	3.123	3.221	3.320	3.421	3.528	3.646	3.767	3.890	4.017	4.147
	Recovery target	0.238	0.313	0.391	0.472	0.563	0.682	0.843	1.010	1.182	1.317	1.453	1.519	1.586	1.654	1.723	1.796	1.771	1.745	1.717	1.688	1.659
	Non-hazardous landfill	3.098	3.010	2.914	2.813	2.680	2.437	2.197	1.954	1.709	1.593	1.475	1.402	1.327	1.252	1.176	1.090	1.094	1.097	1.100	1.103	1.104
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	3,202	3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.360
oui	Recovery target	1.121	1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.151
	Non-hazardous landfill	3.683	3.594	3.499	3.397	3.287	3.170	3.049	2.921	2.787	2.647	2.500	2.416	2.328	2.238	2.144	2.047	2.002	1.956	1.909	1.861	1.812
	NOTHIBEZIOUS BITOINI CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	G.Ed. God. Et (stidal at 2016)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	Recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
DATA OC.	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_06:	MSW and C&I recycling and composting target	4.632	5.010	5.403	5.814	6.260	6.802	7.172	7.546	7.926	8.221	8.526	8.807	9.093	9.385	9.683	9.992	10.283	10.580	10.883	11.191	2025 11.507
		5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	C&D recycling target	1.359						2.322												3.915		3.810
	MSW and C&I recovery target		1.478	1.602	1.731	1.871	2.041		2.612	2.912	3.180	3.453	3.569	3.687	3.808	3.931	4.058	4.012	3.964		3.863	
	C&D recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Non-hazardous landfill	6.781	6.604	6.413	6.210	5.967	5.607	5.246	4.876	4.496	4.241	3.975	3.817	3.656	3.490	3.320	3.137	3.096	3.053	3.009	2.964	2.915
	Inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
	Hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669









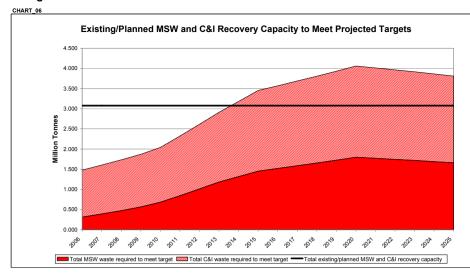


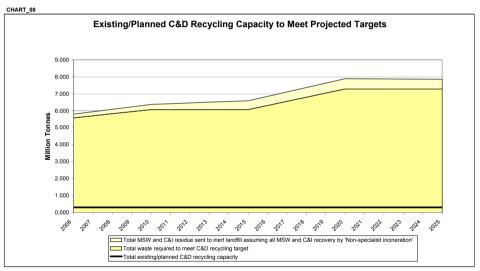
DATA 07: EXISTING/DI ANNED CADACITY EOD DECYCLINI	G. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

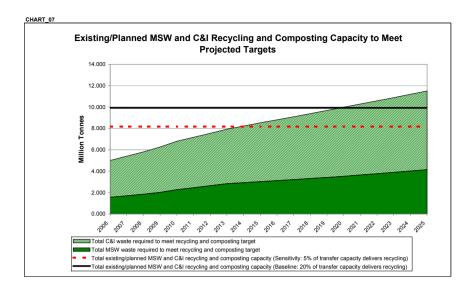
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490
MSW and C&I treatment	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587	2.587
Total existing/planned MSW and C&I recovery capacity	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077	3.077
Total MSW waste required to meet target	0.238	0.313	0.391	0.472	0.563	0.682	0.843	1.010	1.182	1.317	1.453	1.519	1.586	1.654	1.723	1.796	1.771	1.745	1.717	1.688	1.659
Total C&I waste required to meet target	1.121	1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.151
Surplus/deficit capacity	1.718	1.599	1.475	1.346	1.206	1.036	0.755	0.464	0.164	-0.103	-0.376	-0.492	-0.611	-0.731	-0.854	-0.982	-0.936	-0.888	-0.838	-0.787	-0.734
MSW and C&I recycling and composting																					
MSW and C&I recycling	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140	7.140
MSW and C&I transfer	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534	11.534
Total existing/planned MSW and C&I composting capacity	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476	0.476
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923	9.923
Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193	8.193
Total MSW waste required to meet recycling and composting target	1.430	1.563	1.703	1.848	2.018	2.274	2.460	2.646	2.832	2.927	3.026	3.123	3.221	3.320	3.421	3.528	3.646	3.767	3.890	4.017	4.147
Total C&I waste required to meet recycling and composting target	3.202	3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.360
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	5.291	4.913	4.520	4.109	3.663	3.121	2.751	2.377	1.997	1.702	1.397	1.116	0.830	0.538	0.240	-0.069	-0.360	-0.657	-0.960	-1.268	-1.584
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	3.561	3.183	2.790	2.379	1.933	1.391	1.021	0.647	0.267	-0.028	-0.334	-0.614	-0.900	-1.192	-1.490	-1.799	-2.090	-2.387	-2.690	-2.999	-3.314
C&D recycling																					
Total existing/planned C&D recycling capacity	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309
Total waste required to meet C&D recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
Surplus/deficit capacity	-5.151	-5.273	-5.394	-5.515	-5.637	-5.758	-5.758	-5.758	-5.758	-5.758	-5.758	-6.001	-6.243	-6.486	-6.729	-6.971	-6.971	-6.971	-6.971	-6.971	-6.971
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
Surplus/deficit capacity	-2.491	-2.502	-2.512	-2.523	-2.533	-2.544	-2.638	-2.731	-2.825	-2.919	-3.012	-2.849	-2.687	-2.524	-2.361	-2.198	-2.226	-2.253	-2.281	-2.309	-2.336
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		62.728	53.101	43.636	34.346	25.263	16.490	8.109	0.128	-7.445	-14.720	-21.690	-28.522	-35.214	-41.762	-48.163	-54.407	-60.632	-66.839	-73.028	-79.198
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		62.672	52.822	43.118	33.568	24.204	15.125	6.396	-1.977	-9.986	-17.738	-25.226	-32.594	-39.839	-46.958	-53.949	-60.801	-67.628	-74.430	-81.206	-87.955
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		62.506	52.007	41.597	31.286	21.099	11.122	1.371	-8.151	-17.442	-26.593	-35.600	-44.538	-53.405	-62.200	-70.920	-79.558	-88.151		-105.195	-113.644
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		62.683	52.878	43.221	33.723	24.416	15.398	6.739	-1.556	-9.478	-17.135	-24.519	-31.779	-38.914	-45.919	-52.792	-59.522	-66.229	-72.912	-79.571	-86.204
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		62.559	52.266	42.081	32.012	22.087	12.396	2.970	-6.186	-15.069	-23.776	-32.299	-40.737	-49.089	-57.350	-65.520	-73.590	-81.621	-89.612	-97.562	-105.471
Total MSW and C&I waste sent direct to non-hazardous landfill		6.604	6.413	6.210	5.967	5.607	5.246	4.876	4.496	4.241	3.975	3.817	3.656	3.490	3.320	3.137	3.096	3.053	3.009	2.964	2.915
Inert landfill																					
Available inert landfill capacity		70.832	68.576	66.367	64.207	62.096	60.033	58.043	56.126	54.282	52.510	50.812	49.162	47.560	46.007	44.502	43.046	41.639	40.280	38.969	37.707
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		70.776	68.297	65.849	63.429	61.038	58.669	56.331	54.022	51.740	49.492	47.275	45.090	42.935	40.811	38.716	36.652	34.642	32.689	30.791	28.950
Total C&D waste sent direct to inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
Hazardous landfill																					
Available hazardous landfill capacity		3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309
Total hazardous waste sent direct to hazardous landfill	Ī	N/A 1	1/A /	1/A 1	I/A N	/A N	I/A N	I/A N	I/A N	1/A N	1 A/J	N/A N	I/A N	I/A N	1/A N	N/A					
Other																					
Metal/ELV facility	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720	3.720
Ignored	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674	7.674
Closed	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518	1.518

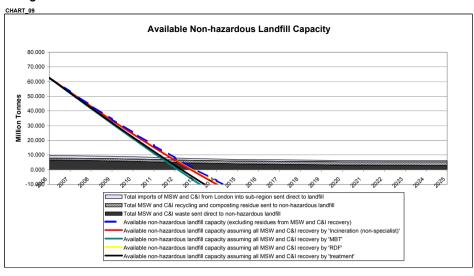
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for CAD recovery for Ind

DATA 00: B	ESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_00. K	Recovery residues (% by weight)	2003	2000	2007	2006	2009	2010	2011	2012	2013	2014	2015	2010	2017	2010	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59
	MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
	MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	C&D recycling	10 5	10	10	10	10	10 5	10 5	10 5	10	10 5	10 5	10 5	10 5	10	10	10 5	10 5	10	10 5	10 5	10 5
	Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	the self-suffic	ciency requi	rements of	PPS10																	
			,																			
DATA_09: T	OTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recovery residues (of waste managed):	0.408	0.443	0.481	0.540	0.561	0.612	0.000	0.704	0.874	0.954	1.000	4.074	1.106	1.142	1.179	4.047	4.004	1.189	1 174	1 159	1.143
	MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash	0.408	0.443	0.481	0.519 0.052	0.561	0.612	0.696 0.070	0.784 0.078	0.874	0.954	1.036 0.104	1.071 0.107	0.111	0.114	0.118	1.217 0.122	1.204 0.120	0.119	0.117	0.116	0.114
	MSW and C&I to MBT	0.802	0.872	0.945	1.021	1.104	1.204	1.370	1.541	1.718	1.876	2.037	2.106	2.176	2.247	2.319	2.394	2.367	2.339	2.310	2.279	2.248
	MSW and C&I to RDF	0.163	0.177	0.192	0.208	0.224	0.245	0.279	0.313	0.349	0.382	0.414	0.428	0.442	0.457	0.472	0.487	0.481	0.476	0.470	0.464	0.457
	MSW and C&I treatment - non-hazardous	0.612	0.665	0.721	0.779	0.842	0.918	1.045	1.176	1.310	1.431	1.554	1.606	1.659	1.714	1.769	1.826	1.806	1.784	1.762	1.738	1.715
	MSW and C&I treatment - hazardous Hazardous waste recovery	0.068 N/A N	0.074 N/A N	0.080 1/A A\1	0.087 I/A N	0.094	0.102 VA N	0.116 I/A N	0.131 /A N	0.146 /A N	0.159 /A N/	0.173 /A N/	0.178 A N/	0.184 A N	0.190 /A N/	0.197	0.203 /A N/	0.201 A N//	0.198 A N	0.196 A N/	0.193 A N/	0.191
	Recycling residues (of waste managed):	IN/A I	WA IN	WA I	W/A IN	M IN	WP4 11	UPA 190	A N	/A IN	/A IN/	/A 1N/	PA IN	A N	//A IN/	A 19	IN/	P4 19//	- 14	A IN/	PA 1977	`
	MSW and C&I recycling and composting	0.695	0.751	0.811	0.872	0.939	1.020	1.076	1.132	1.189	1.233	1.279	1.321	1.364	1.408	1.452	1.499	1.542	1.587	1.632	1.679	1.726
	C&D recycling	0.546	0.558	0.570	0.582	0.595	0.607	0.607	0.607	0.607	0.607	0.607	0.631	0.655	0.679	0.704	0.728	0.728	0.728	0.728		0.728
	Hazardous waste recycling	N/A N	N/A N	I/A N	I/A N	/A N	VA N	I/A N	/A N	/A N	A N	/A N/	A N	A N	/A N/	A N	/A N/	A N//	A N	/A N/	A N/	<u>-</u>
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	n the self-suffic	ciency requi	rements of	PPS10.																	
DATA_10: 11	DTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	1.241	1.310	1.381	1.454	1.534	1.627	1.682	1.739	1.796	1.840	1.886	1.952	2.019	2.087	2.156	2.227	2.270	2.315	2.360	2.407	2.454
DATA_11: T	OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million	Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
(1	Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.204	0.222	0.240	0.260	0.281	0.306	0.348	0.392	0.437	0.477	0.518	0.535	0.553	0.571	0.590	0.609	0.602	0.595	0.587	0.579	0.572
(1	Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.204	0.222	0.240	0.260	0.281	0.306	0.348	0.392	0.437	0.477	0.518	0.535	0.553	0.571	0.590	0.609	0.602	0.595	0.587	0.579	0.572
	Total MSW and C&I residue sent to non-hazardous landfill	0.802	0.872	0.945	1.021	1.104	1.204	1.370	1.541	1.718	1.876	2.037	2.106	2.176	2.247	2.319	2.394	2.367	2.339	2.310	2.279	2.248
	SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to non-hazardous landfill	0.163	0.177	0.192	0.208	0.224	0.245	0.279	0.313	0.349	0.382	0.414	0.428	0.442	0.457	0.472	0.487	0.481	0.476	0.470	0.464	0.457
	SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.612	0.665	0.721	0.779	0.842	0.918	1.045	1.176	1.310	1.431	1.554	1 606	1.659	1.714	1 769	1 826	1 806	1.784	1 762	1.738	1.715
	Total WOTY and Out residue sent to non-nazardous landiii	0.012	0.000	0.721	0.113	0.042	0.510	1.043	1.170	1.510	1.401	1.554	1.000	1.000	1,714	1.703	1.020	1.000	1.704	1.702	1.750	1.713
	) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	ndfill. In the or	riginal mode	el assumptio	ns develope	d MEL 50%	6 was assur	med to go to	C&D recycl	ling, rather t	han to inert	landfi										
	1 C&D reused on landfill sites	39 %	%																			—
(1	C&D reused on exempt sites	61 9																				
	) C&D reused on landfill sites sent to 'non-haz landfill'	30 9																				
(1	C&D reused on landfill sites sent to 'inert landfill'	70 9	%																			
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Total C&D reused on non-hazardous landfill	0.508	0.500	0.491	0.483	0.474	0.466	0.474	0.483	0.491	0.500	0.508	0.486	0.463	0.441	0.418	0.395	0.401	0.407	0.412	0.418	0.424
	Total reused C&D on inert landfill	1.186	1.166	1.147	1.127	1.107	1.087	1.107	1.127	1.147	1.166	1.186	1.133	1.081	1.028	0.975	0.923	0.936	0.949	0.962	0.975	0.988
(1	C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	upplied by eac	ch sub-regio	n has acco	unted for C&	D reuse as	an enginee	ring material	l.													
DATA_13: T	OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total MSW and C&I recycling and composting residue sent to hazardous landfill	N/A N	V/A N	I/A N	I/A N	/A N	VA N	I/A N	/A N	/A N	/A N/	/A N/	A N	A N	/A N/	A N	/A N/	A N//	A N	/A N/.	A N/	Ā
DATA_14: T	OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
-	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.041	0.044	0.048	0.052	0.056	0.061	0.070	0.078	0.087	0.095	0.104	0.107	0.111	0.114	0.118	0.122	0.120	0.119	0.117	0.116	0.114
	SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill	0.068	0.074	0.080	0.087	0.094	0.102	0.116	0.131	0.146	0.159	0.173	0.178	0.184	0.190	0.197	0.203	0.201	0.198	0.196	0.193	0.191
	NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of model.		versus avai	ilable capad	city.																	
DATA_15: T	OTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To																					
	Total hazardous waste recycling and recovery residue sent to hazardous landfill	2005 N/A N	2006 N/A N	2007 I/A N	2008 I/A N	2009 /A N	2010 I/A N	2011 I/A N	2012 /A N	2013 /A N	2014 /A N/	2015 /A N/	2016 A N/	2017 A N	2018 /A N/	2019 'A N	2020 /A N/	2021 A N//	2022 A N	2023 A N/	2024 A N/	2025

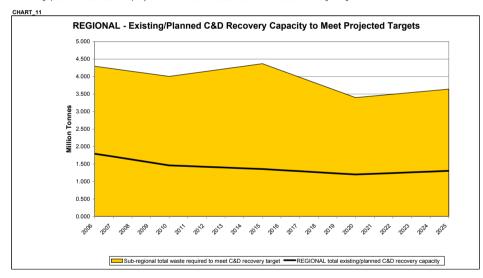


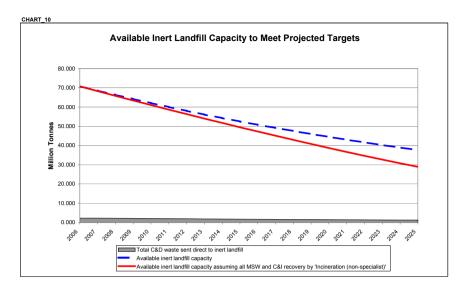






NOTE: The graph assumes that the baseline capacity for non-hazardous landfill has accounted for C&D reuse as a landfill engineering material.





#### SUMMARY DATA AND RESULTS FOR BERKSHIRE

MANAGED	NASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
nsw	NASTE USED TO GENERATE RESULTS (MILITOTTINES)		0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579	0.588	0.597	0.606	0.615	0.624	0.633	0.643	0.652	0.662	0.6
	s from london that are sent direct to non-hazardous landfill		0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.0
\$i			0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.0
&I - imports &d	from london that are sent direct to non-hazardous landfill		0.091 1.801	0.088 1.801	0.086 1.801	0.084 1.801	0.082 1.801	0.077 1.801	0.072 1.801	0.068 1.801	0.063 1.801	0.059 1.801	0.056 1.801	0.054 1.801	0.051 1.801	0.049 1.801	0.047 1.801	0.045 1.801	0.044 1.801	0.043 1.801	0.042 1.801	0.0
azardous			0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.0
azaraoao			0.000	0.010	0.011	0.012	0.010	0.011	0.010	0.010	0.011	0.010	0.010	0.010	0.000	0.001	0.001	0.002	0.002	0.000	0.000	0.0
	REAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
nsw	LATS shortfall (how much extra is landfilled above LATS target)		-0.072 0.152	-0.064 0.166	-0.052 0.180	-0.036 0.194	-0.015 0.210	-0.007 0.225	0.001 0.241	0.008 0.261	-0.001 0.273	-0.011 0.290	-0.011 0.300	-0.012 0.310	-0.013 0.321	-0.014 0.332	-0.015 0.343	-0.014 0.355	-0.014 0.366	-0.014 0.378	-0.014 0.391	-0.0 0.4
	Recycling and composting target Recovery target		0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.4
	Non-hazardous landfill		0.000	0.030	0.274	0.054	0.252	0.077	0.032	0.105	0.123	0.153	0.142	0.134	0.100	0.107	0.175	0.172	0.170	0.107	0.107	0.1
&i	Recycling and composting target		0.329	0.354	0.379	0.405	0.433	0.450	0.468	0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686	0.7
	Recovery target		0.111	0.116	0.120	0.125	0.130	0.141	0.153	0.165	0.178	0.191	0.196	0.201	0.206	0.211	0.216	0.214	0.212	0.210	0.208	0.2
	Non-hazardous landfill		0.343	0.334	0.325	0.314	0.303	0.291	0.279	0.266	0.253	0.239	0.231	0.222	0.214	0.205	0.196	0.191	0.187	0.182	0.178	0.1
&d	Recycling target		0.829 0.638	0.847 0.627	0.865 0.616	0.883 0.605	0.901 0.594	0.901 0.605	0.901 0.616	0.901 0.627	0.901 0.638	0.901 0.649	0.937 0.620	0.973 0.591	1.009 0.562	1.045 0.533	1.081 0.504	1.081 0.512	1.081 0.519	1.081 0.526	1.081 0.533	1.0
	Recovery target		0.036	0.027	0.010	0.003	0.394	0.005	0.010	0.027	0.038	0.049	0.020	0.331	0.302	0.333	0.504	0.512	0.319	0.320	0.555	0.5
zardous	Hazardous waste		0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.0
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	es that this	extra waste	is recycled/	composted	and recover	ed at the sa	me ratio as	the regiona	I targets for	recycling/co	omposting a	and recover	y for that ye	ar.						
VICTINO/D	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL DOUTE	/A4:III: T-																			
KISTING/P	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TOWNAGES TO EACH DISPOS	SAL KUUTE (	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
SW and C8	kl recovery		2000	2007	2000	2003	2010	2011	2012	2010	2014	2010	2010	2017	2010	2013	2020	2021	2022	2020	2024	
	Total existing/planned MSW and C&I recovery capacity		0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.2
	Surplus/deficit capacity		0.078	0.066	0.054	0.041	0.027	0.002	-0.025	-0.054	-0.081	-0.110	-0.122	-0.134	-0.146	-0.158	-0.171	-0.166	-0.162	-0.157	-0.152	-0.1
SW and C8	kl recycling and composting		0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.8
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.8
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.358	0.321	0.281	0.240	0.197	0.165	0.131	0.007	0.061	0.025	-0.003	-0.032	-0.061	-0.091	-0.121	-0.149	-0.178	-0.207	-0.236	-0.2
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.206	0.168	0.128	0.087	0.044	0.012	-0.022	-0.061	-0.091	-0.128	-0.156	-0.184	-0.214	-0.243	-0.274	-0.302	-0.330	-0.360	-0.389	-0.
kD recyclin																						
	Total existing/planned C&D recycling capacity		0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	-1.0
D recover	Surplus/deficit capacity		-0.764	-0.782	-0.800	-0.818	-0.836	-0.836	-0.836	-0.836	-0.836	-0.836	-0.872	-0.908	-0.944	-0.980	-1.016	-1.016	-1.016	-1.016	-1.016	-1.0
Diecover	y REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.3
	Surplus/deficit capacity		1.156	1.083	1.011	0.938	0.866	0.834	0.802	0.771	0.739	0.707	0.705	0.702	0.700	0.697	0.695	0.709	0.722	0.736	0.750	0.
zardous w	aste recycling																					
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
azardous w	raste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	N/A	0.000 N/A	N/A	N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	N/A	N/A	0.000 N/A	0.000 N/A	0.000 N/A	N/A	N/A	N/A	N/A	N/A	0.0
n-hazardo	us landfill																					
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.055	-0.882	-1.805	-2.711	-3.601	-4.473	-5.313	-6.118	-6.882	-7.616	-8.312	-8.996	-9.666	-10.323	-10.967	-11.595	-12.222	-12.848	-13.472	-14.0
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.055	-0.903	-1.849	-2.781	-3.698	-4.599	-5.471	-6.313	-7.117	-7.897	-8.642	-9.377	-10.101	-10.813	-11.513	-12.200	-12.885	-13.568	-14.249	-14.9
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.055	-0.966 -0.899	-1.979 -1.840	-2.984 -2.767	-3.980 -3.678	-4.965 -4.574	-5.934 -5.439	-6.883 -6.274	-7.809 -7.070	-8.720 -7.840	-9.611 -8.576	-10.496 -9.301	-11.376 -10.014	-12.249 -10.715	-13.115 -11.403	-13.974 -12.079	-14.829 -12.753	-15.680 -13.424	-16.527 -14.094	-17. -14.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.055	-0.899	-1.938	-2.707	-3.676	-4.849	-5.786	-6.702	-7.589	-8 458	-9.303	-10.140	-10.014	-11.713	-12 605	-13.410	-14.211	-15.008	-15.802	-16.5
ert landfill																						
	Available inert landfill capacity		0.091	-0.244	-0.572	-0.893	-1.206	-1.513	-1.808	-2.093	-2.366	-2.629	-2.882	-3.127	-3.364	-3.595	-3.818	-4.035	-4.244	-4.445	-4.640	-4.8
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.091	-0.266	-0.617	-0.962	-1.302	-1.638	-1.966	-2.287	-2.602	-2.910	-3.212	-3.508	-3.799	-4.085	-4.365	-4.639	-4.906	-5.165	-5.417	-5.0
azardous la	Indfill  Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.
	• • • • • • • • • • • • • • • • • • • •																					
ATA_01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
SW	Arisings of MSW in baseline year																					
	) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5% 141%	1.5%	1.5%	1.5% 147%	1.5% 149%	1.5% 152%	1.
(1	) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts	106%	109%	111% 0.487	114% 0.499	117% 0.512	120% 0.525	122%	125% 0.546	127%	130%	133%	135% 0.588	137%	139% 0.606	0.615	143% 0.624	145%	0.643	0.652	0.662	15 0.0
(1	) Forecast sub-regional growth rate of MSW - per year (%)	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1
	) Forecast sub-regional level growth rate of MSW - cumulative (%)	104%	106%	108%	110%	113%	115%	117%	120%	122%	124%	127%	129%	131%	133%	135%	137%	139%	141%	143%	145%	14
	Total arisings of MSW using sub-regional growth forecasts	0.455	0.464	0.473	0.482	0.492	0.502	0.512	0.522	0.533	0.543	0.554	0.563	0.571	0.580	0.588	0.597	0.606	0.615	0.624	0.634	0.0
i	Arisings of C&I in baseline year																					/ ·
	) Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.
(1	) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts	117% 0.765	120% 0.784	123% 0.804	126% 0.824	130% 0.844	133% 0.865	136% 0.883	138% 0.900	141% 0.918	144% 0.937	147% 0.956	149% 0.970	151% 0.984	153% 0.999	156% 1.014	158% 1.029	160% 1.040	161% 1.050	163% 1.061	164% 1.071	1
(1	) Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
	) Forecast sub-regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	1
		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1
(1	Total arisings of C&I using sub-regional growth forecasts												1.5%									
(1 zardous	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year							2.0%	2.0%	2.0%	2.0%	2.0%									1.0%	
ardous (1	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%							1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%		
(1 ardous	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year ) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	
ardous (2	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year I crecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste  Total arisings of hazardous waste																					1
ardous (2	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year ) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	107% 0.038	109% 0.039	112% 0.040	115% 0.041	118% 0.042	121% 0.043	123% 0.044	126% 0.045	128% 0.046	131% 0.047	133% 0.048	135% 0.048	137% 0.049	139% 0.050	141% 0.051	144% 0.051	145% 0.052	146% 0.052	148% 0.053	149% 0.053	0
ardous (2	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year  Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	107% 0.038 3.3%	109% 0.039 2.5%	112% 0.040 2.5%	115% 0.041 2.5%	118% 0.042 2.5%	121% 0.043 2.5%	123% 0.044 2.0%	126% 0.045 2.0%	128% 0.046 2.0%	131% 0.047 2.0%	133% 0.048 2.0%	135% 0.048 1.5%	137% 0.049 1.5%	139% 0.050 1.5%	141% 0.051 1.5%	144% 0.051 1.5%	145% 0.052 1.0%	146% 0.052 1.0%	148% 0.053 1.0%	149% 0.053 1.0%	15 0. 1
zardous (2	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year P Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&B in baseline year	107% 0.038 3.3% 107% 0.038	109% 0.039 2.5% 109% 0.039	112% 0.040 2.5% 112% 0.040	115% 0.041 2.5% 115% 0.041	118% 0.042 2.5% 118% 0.042	121% 0.043 2.5% 121% 0.043	123% 0.044 2.0% 123% 0.044	126% 0.045 2.0% 126% 0.045	128% 0.046 2.0% 128% 0.046	131% 0.047 2.0% 131% 0.047	133% 0.048 2.0% 133% 0.048	135% 0.048 1.5% 135% 0.048	137% 0.049 1.5% 137% 0.049	139% 0.050 1.5% 139% 0.050	141% 0.051 1.5% 141% 0.051	144% 0.051 1.5% 144% 0.051	145% 0.052 1.0% 145% 0.052	146% 0.052 1.0% 146% 0.052	148% 0.053 1.0% 148% 0.053	149% 0.053 1.0% 149% 0.053	15 0. 1 15 0.
zardous (2	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year Forecast regional-level growth rate of managed C&D - per year (%)	107% 0.038 3.3% 107% 0.038	109% 0.039 2.5% 109% 0.039	112% 0.040 2.5% 112% 0.040	115% 0.041 2.5% 115% 0.041	118% 0.042 2.5% 118% 0.042 0.0%	121% 0.043 2.5% 121% 0.043	123% 0.044 2.0% 123% 0.044 0.0%	126% 0.045 2.0% 126% 0.045	128% 0.046 2.0% 128% 0.046	131% 0.047 2.0% 131% 0.047	133% 0.048 2.0% 133% 0.048	135% 0.048 1.5% 135% 0.048	137% 0.049 1.5% 137% 0.049	139% 0.050 1.5% 139% 0.050	141% 0.051 1.5% 141% 0.051	144% 0.051 1.5% 144% 0.051	145% 0.052 1.0% 145% 0.052	146% 0.052 1.0% 146% 0.052	148% 0.053 1.0% 148% 0.053	149% 0.053 1.0% 149% 0.053	15 0. 1 15 0.
zardous (2 d (3	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year P Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&B in baseline year	107% 0.038 3.3% 107% 0.038	109% 0.039 2.5% 109% 0.039	112% 0.040 2.5% 112% 0.040	115% 0.041 2.5% 115% 0.041	118% 0.042 2.5% 118% 0.042	121% 0.043 2.5% 121% 0.043	123% 0.044 2.0% 123% 0.044	126% 0.045 2.0% 126% 0.045	128% 0.046 2.0% 128% 0.046	131% 0.047 2.0% 131% 0.047	133% 0.048 2.0% 133% 0.048	135% 0.048 1.5% 135% 0.048	137% 0.049 1.5% 137% 0.049	139% 0.050 1.5% 139% 0.050	141% 0.051 1.5% 141% 0.051	144% 0.051 1.5% 144% 0.051	145% 0.052 1.0% 145% 0.052	146% 0.052 1.0% 146% 0.052	148% 0.053 1.0% 148% 0.053	149% 0.053 1.0% 149% 0.053	1.0 151 0.0 1.0 151 0.0 0.0 100 1.8

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

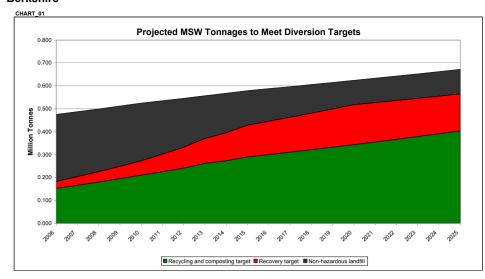
Figures in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

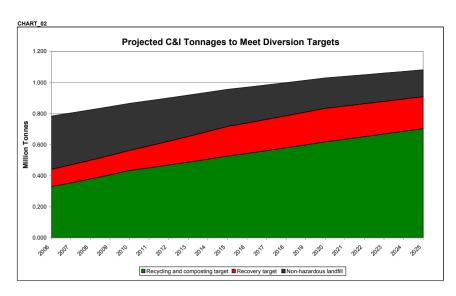
DATA_02: If	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
(1	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.150	0.146	0.142	0.138	0.135	0.131	0.124	0.116	0.109	0.102	0.094	0.090	0.087	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.066
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.056	0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.056	0.054	0.053	0.051	0.050	0.048	0.045	0.043	0.040	0.037	0.035	0.033	0.032	0.030	0.029	0.027	0.027	0.026	0.026	0.025	0.025
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.093	0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.094	0.092	0.089	0.087	0.085	0.083	0.078	0.074	0.069	0.064	0.060	0.057	0.055	0.052	0.050	0.047	0.046	0.045	0.044	0.043	0.042

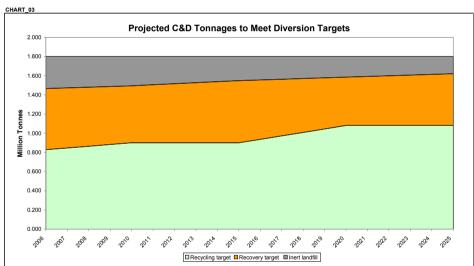
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

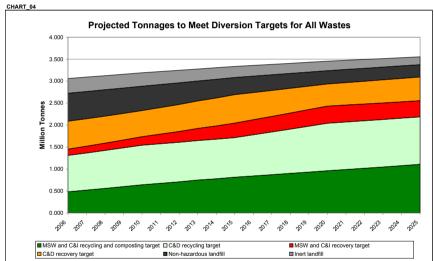
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.464	0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579	0.588	0.597	0.606	0.615	0.624	0.633	0.643	0.652	0.662	0.672
msw - impo	ts from london that are sent direct to non-hazardous landfill	0.056	0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
c&i		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.082
c&I - import	from london that are sent direct to non-hazardous landfill	0.093	0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
c&d		1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
hazardous		0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
DATA_04:	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	1) landfill (Mt)	0.281	0.271	0.257	0.238	0.215	0.186	0.165	0.145	0.124	0.119	0.113	0.108	0.103	0.097	0.092	0.087	0.087	0.087	0.087	0.087	0.087
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
	-,																					
DATA_05:	VASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

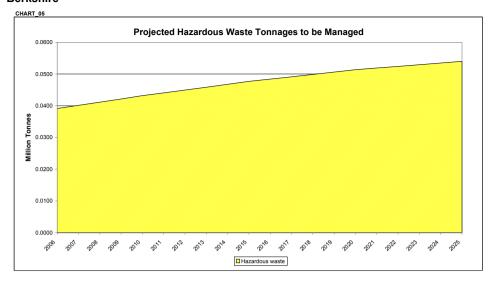
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	NASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.162	0.182	0.204	0.226	0.249	0.273	0.302	0.332	0.363	0.395	0.429	0.446	0.463	0.481	0.499	0.518	0.527	0.536	0.545	0.555	0.565
	Total MSW not-diverted by targets	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.214	0.194	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	Percentage of MSW that is biodegradable (% by weight) Total BMW not-diverted by targets	68 0.205	68	68	68	68 0.179	68 0.171	68 0.159	68 0.145	68 0.132	68 0.117	68	68	68	68	68	68	68	68 0.073	68 0.073	68	68 0.073
	LATS shortfall (how much extra is landfilled above LATS target)	-0.076	0.199 -0.072	0.193 -0.064	0.186 -0.052	-0.036	-0.015	-0.007	0.145	0.132	-0.001	0.102 -0.011	0.097 -0.011	0.091 -0.012	0.085 -0.013	0.079 -0.014	0.072 -0.015	0.072 -0.014	-0.014	-0.014	0.073 -0.014	-0.014
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
	The Section below in DATA_03 shows the tormages by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.139	0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
	Recovery target	0.023	0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
	Non-hazardous landfill	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.213	0.186	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i	Recycling and composting target	2005 0.306	2006 0.329	2007 0.354	2008 0.379	2009 0.405	2010 0.433	2011 0.450	2012 0.468	2013 0.487	2014 0.506	2015 0.526	2016 0.543	2017 0.561	2018 0.580	2019 0.598	2020 0.618	2021 0.634	2022 0.651	2023 0.668	2024 0.686	0.703
Coxi	Recovery target	0.306	0.329	0.354	0.379	0.405	0.433	0.450	0.466	0.467	0.506	0.526	0.543	0.201	0.206	0.596	0.016	0.034	0.051	0.000	0.000	0.703
	Non-hazardous landfill	0.352	0.343	0.334	0.325	0.314	0.303	0.291	0.133	0.266	0.253	0.239	0.130	0.222	0.214	0.205	0.196	0.191	0.187	0.182	0.178	0.173
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
	Recovery target Inert landfill	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616 0.285	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
	CHECK COUNTER (should be zero)	0.342	0.335	0.328	0.321	0.313	0.306	0.295	0.265	0.274	0.263	0.252	0.245	0.238	0.231	0.223	0.216 0.000	0.209	0.202	0.195 0.000	0.187	0.180
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.445	0.481	0.519	0.559	0.600	0.643	0.675	0.709	0.748	0.778	0.815	0.843	0.871	0.901	0.930	0.961	0.989	1.017	1.047	1.076	1.107
	C&D recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
	MSW and C&I recovery target	0.130	0.142	0.154	0.166	0.179	0.193	0.218	0.245	0.274	0.301	0.330	0.342	0.354	0.366	0.378	0.391	0.386	0.382	0.377	0.372	0.367
	C&D recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
	Non-hazardous landfill Inert landfill	0.653 0.342	0.636 0.335	0.618 0.328	0.598 0.321	0.577 0.313	0.555 0.306	0.525 0.295	0.492 0.285	0.452 0.274	0.426 0.263	0.389 0.252	0.373 0.245	0.356 0.238	0.339 0.231	0.320 0.223	0.302 0.216	0.298 0.209	0.294	0.289 0.195	0.285 0.187	0.281 0.180
	Hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.295	0.265	0.274	0.263	0.252	0.245	0.236	0.231	0.223	0.216	0.209	0.202	0.195	0.167	0.160
	Hazardous waste	0.036	0.008	0.040	0.041	0.042	0.043	0.044	0.040	0.040	0.047	0.040	0.040	0.048	0.000	0.001	0.001	0.002	0.002	0.000	0.000	0.004









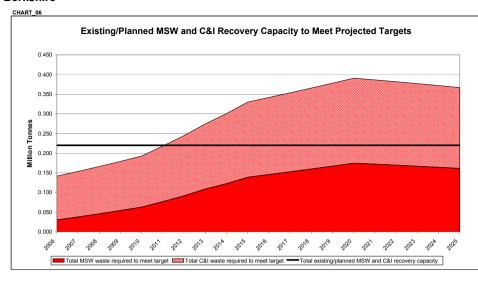


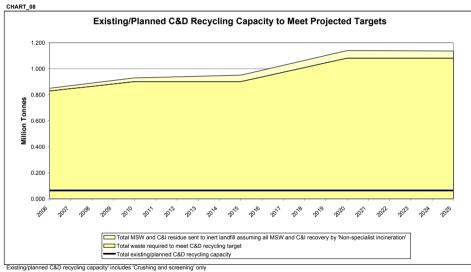
#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Total existing/planned MSW and C&I recovery capacity	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
Total MSW waste required to meet target	0.023	0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
Total C&I waste required to meet target	0.107	0.111	0.116	0.120	0.125	0.130	0.141	0.153	0.165	0.178	0.191	0.196	0.201	0.206	0.211	0.216	0.214	0.212	0.210	0.208	0.206
Surplus/deficit capacity	0.090	0.078	0.066	0.054	0.041	0.027	0.002	-0.025	-0.054	-0.081	-0.110	-0.122	-0.134	-0.146	-0.158	-0.171	-0.166	-0.162	-0.157	-0.152	-0.147
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601
MSW and C&I transfer	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019	1.019
Total existing/planned MSW and C&I composting capacity	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840
2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687	0.687
Total MSW waste required to meet recycling and composting target	0.139	0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
Total C&I waste required to meet recycling and composting target	0.306	0.329	0.354	0.379	0.405	0.433	0.450	0.468	0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686	0.703
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.395	0.358	0.321	0.281	0.240	0.197	0.165	0.131	0.091	0.061	0.025	-0.003	-0.032	-0.061	-0.091	-0.121	-0.149	-0.178	-0.207	-0.236	-0.267
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.242	0.206	0.168	0.128	0.087	0.044	0.012	-0.022	-0.061	-0.091	-0.128	-0.156	-0.184	-0.214	-0.243	-0.274	-0.302	-0.330	-0.360	-0.389	-0.420
C&D recycling																					
Total existing/planned C&D recycling capacity	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
Total waste required to meet C&D recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
Surplus/deficit capacity	-0.746	-0.764	-0.782	-0.800	-0.818	-0.836	-0.836	-0.836	-0.836	-0.836	-0.836	-0.872	-0.908	-0.944	-0.980	-1.016	-1.016	-1.016	-1.016	-1.016	-1.016
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
Surplus/deficit capacity	1.229	1.156	1.083	1.011	0.938	0.866	0.834	0.802	0.771	0.739	0.707	0.705	0.702	0.700	0.697	0.695	0.709	0.722	0.736	0.750	0.763
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.055	-0.882	-1.805	-2.711	-3.601	-4.473	-5.313	-6.118	-6.882	-7.616	-8.312	-8.996	-9.666	-10.323	-10.967	-11.595	-12.222	-12.848	-13.472	-14.095
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.055	-0.903	-1 849	-2.781	-3.698	-4.599	-5 471	-6.313	-7.117	-7 897	-8 642	-9.377	-10.101	-10.813	-11.513	-12.200	-12.885	-13.568	-14 249	-14.927
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.055	-0.966	-1.979	-2.984	-3.980	-4.965	-5.934	-6.883	-7.809	-8.720	-9.611	-10.496	-11.376	-12.249	-13.115	-13.974	-14.829	-15.680	-16.527	-17.369
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.055	-0.899	-1.840	-2 767	-3 678	-4 574	-5 439	-6 274	-7.070	-7 840	-8 576	-9.301	-10 014	-10 715	-11 403	-12 079	-12.753	-13 424	-14.094	-14.761
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.055	-0.946	-1.938	-2.919	-3.890	-4 849	-5.786	-6.702	-7.589	-8.458	-9.303	-10.140	-10.970	-11.792	-12.605	-13.410	-14.211	-15.008	-15.802	-16.592
Total MSW and C&I waste sent direct to non-hazardous landfill		0.636	0.618	0.598	0.577	0.555	0.525	0.492	0.452	0.426	0.389	0.373	0.356	0.339	0.320	0.302	0.298	0.294	0.289	0.285	0.281
Inert landfill		0.000	0.010	0.000	0.077	0.000	0.020	0.102	0.102	0.120	0.000	0.070	0.000	0.000	0.020	0.002	0.200	0.201	0.200	0.200	0.201
Available inert landfill capacity		0.091	-0.244	-0.572	-0.893	-1.206	-1.513	-1.808	-2 093	-2 366	-2 629	-2 882	-3.127	-3 364	-3.595	-3 818	-4 035	-4 244	-4 445	-4 640	-4 827
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.091	-0.266	-0.617	-0.962	-1.302	-1.638	-1.966	-2.287	-2.602	-2.910	-3.212	-3.508	-3.799	-4.085	-4.365	-4.639	-4.906	-5.165	-5.417	-5.660
Total C&D waste sent direct to inert landfill	0.342	0.335	0.328	0.321	0.313	0.306	0.295	0.285	0.274	0.263	0.252	0.245	0.238	0.231	0.223	0.216	0.209	0.202	0.195	0.187	0.180
Hazardous landfill	0.542	0.000	0.020	0.021	0.010	0.500	0.233	0.200	0.214	0.200	0.202	0.240	0.230	0.201	0.220	0.210	0.203	0.202	0.100	0.107	0.100
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Available Hazardous waste sent direct to hazardous landfill			V/A N		/A N					I/A N			I/A N						/A N		
Other	IN.				,, IN	,,, IN	,, IN	19		IN	,, IV	19	11	,, IN					11	,, IN	
Metal/ELV facility	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088
Ignored	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525
Closed	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640	0.640
Ciosco	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040

(1) ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

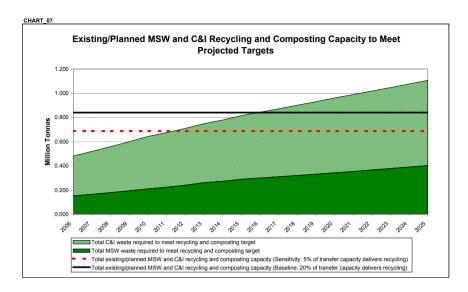
DATA 08	RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recovery residues (% by weight)																					
	MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	59	3 59	59	3 59	3 59	59	59	3 59	3 59	59	59	59	3 59	3 59	59	59	59	3 59	3 59	59	3 59
	MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
	MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Recycling residues (% by weight) MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince wit	h the self-suffi	iciency requi	irements of	PPS10.																	
ΠΔΤΔ 09	TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DAIA_03	Recovery residues (of waste managed):	2003	2000	2007	2000	2003	2010	2011	2012	2013	2014	2013	2010	2017	2010	2013	2020	2021	2022	2020	2024	2023
	MSW and C&I incineration (non-specialist) - bottom ash	0.039	0.043	0.046	0.050	0.054	0.058	0.065	0.073	0.082	0.090	0.099	0.103	0.106	0.110	0.113	0.117	0.116	0.115	0.113	0.112	0.110
	MSW and C&I incineration (non-specialist) - fly ash	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.011	0.011	0.011	0.011
	MSW and C&I to MBT MSW and C&I to RDF	0.077 0.016	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	0.231	0.228	0.225	0.222	0.220	0.216
	MSW and C&I treatment - non-hazardous	0.016	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045	0.044
	MSW and C&I treatment - hazardous	0.007	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.017	0.018	0.018	0.019	0.020	0.019	0.019	0.019	0.019	0.018
	Hazardous waste recovery	N/A N	N/A N	1 A/V	N/A N	I/A N	I/A N	V/A N	/A N	I/A N	/A N	/A N/	A N	A N	/A N/	A N	/A N	/A N/	A N	/A N/	A N/	Α.
	Recycling residues (of waste managed):	0.067	0.072	0.078	0.084	0.090	0.096	0.101	0.106	0.112	0.117	0.122	0.126	0.131	0.135	0.140	0.144	0.148	0.153	0.157	0.161	0.166
	MSW and C&I recycling and composting C&D recycling	0.081	0.072	0.076	0.086	0.090	0.090	0.090	0.100	0.112	0.117	0.122	0.126	0.131	0.101	0.140	0.144	0.148	0.108	0.108		0.108
	Hazardous waste recycling							1/A N				/A N/					/A N			/A N/		
DATA_10	TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005 0.148	2006 0.155	2007 0.163	2008 0.170	2009	2010 0.186	2011 0.191	2012 0.196	2013	2014	2015 0.212	2016 0.220	2017 0.228	2018	2019 0.244	2020 0.252	2021 0.256	2022	2023 0.265	2024 0.270	2025
	Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.148	0.155	0.163	0.170	0.178	0.186	0.191	0.196	0.202	0.207	0.212	0.220	0.228	0.236	0.244	0.252	0.256	0.261	0.265	0.270	0.274
DATA_11	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio	n Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.020	0.021	0.023	0.025	0.027	0.029	0.033	0.037	0.041	0.045	0.050	0.051	0.053	0.055	0.057	0.059	0.058	0.057	0.057	0.056	0.055
	(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.020	0.021	0.023	0.025	0.027	0.029	0.033	0.037	0.041	0.045	0.050	0.051	0.053	0.055	0.057	0.059	0.058	0.057	0.057	0.056	0.055
	SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.020	0.021	0.020	0.020	0.021	0.020	0.000	0.001	0.011	0.010	0.000	0.001	0.000	0.000	0.007	0.000	0.000	0.001	0.007	0.000	0.000
	Total MSW and C&I residue sent to non-hazardous landfill	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	0.231	0.228	0.225	0.222	0.220	0.216
	SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.016	0.017	0.040	0.020	0.022	0.000	0.026	0.000	0.033	0.036	0.040	0.044	0.042	0.044	0.045	0.047	0.040	0.046	0.045	0.045	0.044
	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.016	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045	0.044
	Total MSW and C&I residue sent to non-hazardous landfill	0.059	0.064	0.069	0.075	0.081	0.087	0.098	0.110	0.124	0.135	0.149	0.154	0.159	0.165	0.170	0.176	0.174	0.172	0.170	0.167	0.165
	(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la	ndfill. In the o	riginal mode	el assumptio	ons develope	ed MEL 50%	6 was assur	med to go to	C&D recyc	ling, rather t	han to inert	landfi										
DATA_12	TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)																					
	(1) C&D reused on landfill sites	39 %																				
	(1) C&D reused on exempt sites	61 9 30 9																				
	(1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'	70 9																				
	(1) out loaded on anomalic on the mortalism	,,,,	,,,																			
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Total C&D reused on non-hazardous landfill	0.075 0.176	0.074 0.173	0.073 0.170	0.072 0.167	0.070 0.164	0.069 0.161	0.070 0.164	0.072	0.073	0.074	0.075 0.176	0.072	0.069	0.065	0.062 0.145	0.059	0.060 0.139	0.060 0.141	0.061 0.143	0.062 0.145	0.063 0.147
	Total reused C&D on inert landfill	0.176	0.173	0.170	0.107	0.104	0.101	0.104	0.167	0.170	0.173	0.176	0.100	0.100	0.153	0.145	0.137	0.139	0.141	0.143	0.145	0.147
	(1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	upplied by ead	ch sub-regio	n has acco	unted for C&	D reuse as	an enginee	ering materia	I.													
B			3				•	- '														
DATA_13	TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total MSW and C&I recycling and composting residue sent to hazardous landfill	N/A N	1/A N	1/A	V/A N	I/A N	I/A N	I/A N	/A N	I/A N	/A N	/A N	A N	A N	/A N/	A N	/A N	/A N/	A N	/A N	A N/	4
DATA_14	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.011	0.011	0.011	0.011
	SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill	0.007	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.017	0.018	0.018	0.019	0.020	0.019	0.019	0.019	0.019	0.018
	NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of m	anaged waste	versus ava	ilable capa	city.																	
DATA_15	TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To	nnes)																				
	Total hazardous waste recycling and recovery residue sent to hazardous landfill	2005	2006 V/A N	2007 N/A	2008 N/A N	2009 I/A N	2010 I/A N	2011 VA N	2012 /A N	2013 I/A N	2014 /A N	2015 /A N/	2016 A N/	2017 A N	2018 /A N/	2019 /A N	2020 /A N	2021 A N/	2022 A N	2023 /A N/	2024 A N/	2025
	. S		I'		18		1	N	18	IN	IN	11/	. 11/	18	111/	IN	180	19//	IN	11/	1977	

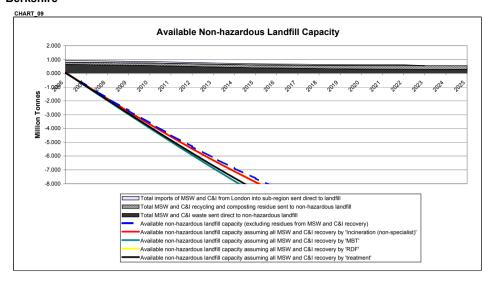




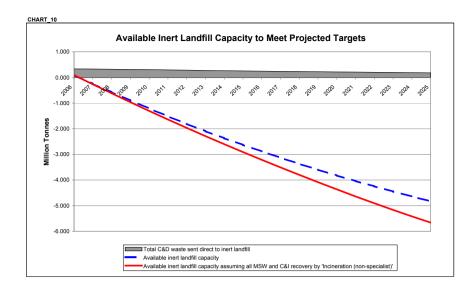
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









#### SUMMARY DATA AND RESULTS FOR BUCKINGHAMSHIRE

Teleports from london that are sent direct to non-hazardous landfill of the control of the contr	ANAGED W	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
The state of the s	SW SW	ACTE COLD TO CEREIATE RECOLT (MILLION TOTALES)																				
Part		from london that are sent direct to non-hazardous landfill																				
Section   Sect	d																					
Part		rom london that are sent direct to non-hazardous landfill																				
Property of the property of	d zordous																					
Part	zardous			0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
Part	ASTE STRE	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Part				-0.006	-0.004	-0.002		0.008	0.011	0.014	0.016		0.003			0.001						-0.001
Part		Recycling and composting target		0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250
Part																						
Part																						
Part																						
Part																						
Part																						
Part																						
The control of the co		, ,																				
Uniform Process (1988)	ardous	Hazardous waste		0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
Part		Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	es that this e	extra waste	is recycled/o	composted	and recover	ed at the sa	me ratio as t	he regional	targets for i	recycling/co	mposting a	nd recovery	for that ye	ar.					
Part																						
The Conting of Conting	ISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE			0000	0000	0040	0044	0040	0040	0044	0045	0040	0047	0040	0040	0000	0004	0000	0000	0004
The contemporation of Mine contemporation of	M and CRI	TORRING!		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Progression of the composition o				0.196	0.196	0.106	0.106	0.106	0.196	0.196	0.196	0.106	0.106	0.106	0.106	0.196	0.106	0.106	0.106	0.106	0.196	0.106
The contribution of the co																						
The interpresent Meritan of Circ (organize) and compression (Secolar Circ) of partner composing opensity (Secolar Circ) of partner composity (Secolar Circ) of partner composi				0.000	0.020	0.010	0.001	0.000	0.002	0.000	0.001	0.100	0.120	0.100	0.110	0.100	0.100	0.100	0.170	0.172	0.100	0.100
The statistic polium of Marriery Set of Marrie				0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
The properties of the properti				0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293
Processor   Proc																						
The statistic plane plane of the statistic plane plane of the statistic plane plane of the statistic plane p		Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.192	-0.229	-0.268	-0.310	-0.357	-0.389	-0.422	-0.455	-0.484	-0.513	-0.540	-0.567	-0.595	-0.624	-0.654	-0.680	-0.708	-0.736	-0.764
Secure Security Secure Security Secure Security Secure Sec	recycling																					
Part		Total existing/planned C&D recycling capacity																				
Part   1794   1794   1794   1794   1897   1897   1894   1490   1490   1490   1490   1390   1291		Surplus/deficit capacity		-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	-0.427
Separate programment placent p		PEGIONAL total existing/planned C&D recovery canacity		1 70/	1 710	1 627	1 544	1.460	1 // 30	1 // 18	1 308	1 377	1 356	1 325	1 203	1 262	1 231	1 100	1 220	1 2/11	1 262	1 283
Toll existinglement hazerdous waster recycling capacity   100   10																						
Process   Proc				1.042	1.400	1.504	1.000	1.220	1.200	1.173	1.150	1.120	1.100	1.000	1.000	1.040	1.020	1.000	1.010	1.000	1.004	1.072
Segment of the purple of the p				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total control/patients recovery (spoch)**  Total control patients re		Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A		N/A		N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		
Supplication Companies (PM No																						
Available non-hazardous lamfli capacity (excluding residues from MSW and CAI recovery by frommersion (non-specialist)  Available non-hazardous lamfli capacity (excluding residues from MSW and CAI recovery by frommersion (non-specialist)  1 0,500 0,515 0,547 7,590 6,672 5,770 4,607 4,603 3,299 2,548 1,831 1,131 0,447 4,020 1,089 -1,499 2,105 2,274 3,385 4,384 4,114 4,144 1,444					0.000				0.000			0.000										0.000
Available non-hazardous bardiffil capacity (excluding residues from MSW) and Call recovery by Thermaterion (non-specialist)  Available non-hazardous bardiffil capacity sasturing all MSW and Call recovery by Thermaterion (non-specialist)  10,500  3,407  3,707  3				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Available non-hazardous lamiful (quagody assuming all MSW and Call recovery by Truchmenton (non-specialisty)  Available non-hazardous lamiful (quagody assuming all MSW and Call recovery by Truchmenton (non-specialisty)  10,500 9,447 8,408 9,473 6,208 9,473 8,208 2				40.500	0.545	0.547	7 500	6.670	E 770	4.007	4.000	2 200	0.540	4 004	4 424	0.447	0.000	0.000	4 400	0.405	0.747	2.205
Available non-hazardous landfill capacity assuming all MSW and CAI recovery by NETP 15.50 8.467 8.516 6.280 5.284 7.746 8.280 5.285 1.730 5.284 0.283 1.440 0.537 0.355 1.238 2.280 5.280 5.281 0.220 3.204 3.204 0.201																						
A valiable non-hazardous landfill capacity assuming all MSW and C64 recovery by Teacher 10500 0,447 8,570 0,447 8,570 7,584 6,92 1,085 1,082 1,085 0,237 1,580 0,2																						
A plit Arabbe inent landiff capacity assuming all MSW and CAI recovery by Treatment																						
Available inert landfill capacity   Available inert landfill cap																						
A valiable inert landfill capacity assuming all MSW and C&I recovery by Trioneration (non-specialist)  A valiable hazardous landfill capacity Available hazardous waste.  A pl. 1.ASISHNGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  A pl. 1.ASISHNGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  3006 2058 2058 2558 2558 2558 2558 2058 2058																						
Available hazardous landfil capacity Note: The model does not cortain data for the management of hazardous waste.  A 61: RAISINGS AD GROWTH RATES OF MSW. CEAH MAH AZARDOUS WASTE (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024  Arisings of MSW in baseline year  (1) Forecast regional level growth rate of MSV. per year (%)  1006 112% 115% 115% 115% 115% 125% 125% 125%		Available inert landfill capacity		25.700									24.626									
A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous waste.  A disable hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  A disable hazardous waste.  A				25.700	25.545	25.392	25.239	25.088	24.938	24.789	24.640	24.492	24.344	24.198	24.052	23.908	23.765	23.624	23.484	23.347	23.213	23.084
Note: The model does not contain data for the management of hexardous waste.  A OF: ARISINGS AND GROWTH RATES Of MSW, CAI AND HAZARDOUS WASTE (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2018 2017 2018 2019 2020 2021 2022 2023 2024  Arisings of MSW in baseline year  (1) Forecast regional level growth rate of MSW- per year (%)  2007 2018 102% 112% 112% 112% 112% 122% 2018 2019 2019 2020 2021 2022 2023 2024  Arisings of MSW in Dasselland Regional level growth rate of MSW- per year (%)  2008 2019 2019 2019 2019 2020 2021 2022 2023 2024  Arisings of MSW in Dasselland Regional level growth rate of MSW- per year (%)  2008 2019 112% 112% 112% 112% 112% 112% 112% 11																						
A disagned MSW in baseline year  (i) Forecast regional level growth rate of MSW - per year (%)  (i) Forecast regional level growth rate of MSW - cumulative (%)  (i) Forecast regional growth processts  (ii) Forecast regional growth rate of MSW - cumulative (%)  (iii) Forecast regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - cumulative (%)  (iii) Forecast sub-regional growth rate of MSW - private (%)  (iii) Forecast sub-regional grow				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Arisings of MSW in baseline year (i) Forecast regional level growth rate of MSW - per year (%) (i) Forecast regional level growth rate of MSW - cumulative (%) (i) Forecast regional level growth rate of MSW - cumulative (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (i) Forecast sub-regional growth rate of MSW - per year (%) (ii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional gr		Note: The model does not contain data for the management of hazardous waste.																				
Arisings of MSW haseline year (i) Forecast regional level growth rate of MSW - per year (k) (i) Forecast regional level growth rate of MSW - cumulative (k) (i) Forecast regional level growth rate of MSW - cumulative (k) (i) Forecast sub-regional growth forecasts (ii) Forecast sub-regional growth rate of MSW - cumulative (k) (ii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast sub-regional growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (k) (iii) Forecast sub-regional level growth rate of MSW - cumulative (	A 04: AE	DICINICS AND CHOWTH DATES OF MSW. CSI AND HAZADDONS WASTE (Million Toppes)	2005	2006	2007	2000	2000	2040	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2021	2022	2022	2024
(1) Forecast regional level growth rate of MSV - cumulative (%) (5) Forecast regional level growth rate of MSV - cumulative (%) (5) Forecast regional level growth rate of MSV - cumulative (%) (6) Forecast sub-regional growth forecasts (7) Forecast sub-regional growth forecasts (8) 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5%			2005	2000	2007																	
(1) Forceast regional level growth rate of AISW - cumulative (%)  1096 112% 115% 118% 124% 126% 129% 131% 134% 136% 139% 141% 143% 145% 147% 149% 151% 151% 158% 159% (151% 158% 159% (151% 151% 151% 151% 151% 151% 151% 15								2010	2011	2012	2010	2014	2010						2021	2022	2020	2024
Total arisings of MSW using regional growth forecasts but-epional growth rate of MSW - per year (%)  1, Forecast sub-regional level growth rate of MSW - cumulative (%)  1, Forecast sub-regional growth rate of MSW - cumulative (%)  1, Forecast sub-regional level growth rate of MSW - cumulative (%)  1, Forecast sub-regional level growth rate of MSW - cumulative (%)  1, Forecast sub-regional level growth rate of MSW - cumulative (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional level growth rate of C&I - per year (%)  1, Forecast sub-regional le			3.0%	2.5%	2.5%	2.5%												1.5%				
(i) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth forecasts (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth forecasts (1) Forecast sub-regional growth rate of C&I - per year (%) (1) Forecast sub-regional growth forecasts (1) Forecast sub-regio	(1)	Forecast regional level growth rate of MSW - per year (%)					2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%		1.5%	1.5%	1.5%	1.5%
Total arisings of KSW using sub-regional growth forecasts (1) Forecast regional level growth rate of C&I - per year (%) (2) Forecast sub-regional growth forecasts (3) Forecast regional level growth rate of C&I - per year (%) (3) Forecast regional level growth rate of C&I - per year (%) (3) Forecast regional level growth rate of C&I - per year (%) (4) Forecast regional level growth rate of C&I - per year (%) (5) Forecast sub-regional growth forecasts (6) Forecast sub-regional growth forecasts (7) Forecast sub-regional growth forecasts (8) Forecast regional growth forecasts (8) Forecast regional growth forecasts (8) Forecast sub-regional growth forecasts (8) Forecast regional growth forecasts (9) Forecast regional growth forecasts	(1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	2.5% 121%	2.5% 124%	2.0% 126%	2.0% 129%	2.0% 131%	2.0% 134%	2.0% 136%	1.5% 139%	1.5% 141%	1.5% 143%	1.5% 145%	147%	1.5% 149%	1.5% 151%	1.5% 154%	1.5% 156%
Arisings of C&I in baseline year (i) Forecast regional level growth rate of C&I - per year (%) (i) Forecast strepional level growth rate of C&I - per year (%) (ii) Forecast strepional level growth rate of C&I - per year (%) (iii) Forecast strepional level growth rate of C&I - per year (%) (iii) Forecast strepional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional growth forecasts (iii) Forecast stub-regional level growth rate of C&I - per year (%) (iii) Forecast stub-regional growth forecasts (iii) Forec	(1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts	109% 0.297	112% 0.304	115% 0.312	118% 0.320	2.5% 121% 0.328	2.5% 124% 0.336	2.0% 126% 0.343	2.0% 129% 0.350	2.0% 131% 0.357	2.0% 134% 0.364	2.0% 136% 0.371	1.5% 139% 0.377	1.5% 141% 0.382	1.5% 143% 0.388	1.5% 145% 0.394	147% 0.400	1.5% 149% 0.406	1.5% 151% 0.412	1.5% 154% 0.418	1.5% 156% 0.424
(1) Forecast regional level growth rate of C&I - per year (%) (5) Forecast regional level growth rate of C&I - cumulative (%) (17) Forecast regional level growth rate of C&I - cumulative (%) (17) Forecast regional level growth rate of C&I - cumulative (%) (18) Forecast regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional growth forecasts (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - per year (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast sub-regional level growth rate of C&I - cumulative (%) (19) Forecast regional level growth rate of C&I - cumulative (%) (25) Forecast regional level growth rate of hazardous waste - per year (%) (25) Forecast regional level growth rate of hazardous waste - cumulative (%) (26) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) (27) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) (28) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) (29) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) (29) Forecast regional level growth rate of hazardous waste - cumulative (%) (29) Forecast regional level growth rate of hazardous waste - cumulative (%) (29) Forecast regional level growth rate of hazardous waste - cumulative (%) (20) Forecast regional level growth rate of hazardous waste - cumulative (%) (20) Forecast regional level growth rate of hazardous waste - cumulative (%	(1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%)	109% 0.297 3.0% 109%	112% 0.304 2.5% 112%	115% 0.312 2.5% 115%	118% 0.320 2.5% 118%	2.5% 121% 0.328 2.5% 121%	2.5% 124% 0.336 2.5% 124%	2.0% 126% 0.343 2.0% 126%	2.0% 129% 0.350 2.0% 129%	2.0% 131% 0.357 2.0% 131%	2.0% 134% 0.364 2.0% 134%	2.0% 136% 0.371 2.0% 136%	1.5% 139% 0.377 1.5% 139%	1.5% 141% 0.382 1.5% 141%	1.5% 143% 0.388 1.5% 143%	1.5% 145% 0.394 1.5% 145%	147% 0.400 1.5% 147%	1.5% 149% 0.406 1.5% 149%	1.5% 151% 0.412 1.5% 151%	1.5% 154% 0.418 1.5% 154%	1.5% 156% 0.424 1.5% 156%
(1) Forecast regional level growth rate of C&I - cumulative (%)  117% 120% 123% 128% 130% 130% 130% 130% 130% 141% 144% 147% 147% 149% 151% 153% 150% 160% 161% 163% 164% 147% 149% 151% 153% 150% 150% 164% 164% 147% 149% 151% 153% 150% 150% 164% 164% 147% 149% 151% 153% 150% 150% 164% 164% 147% 149% 151% 153% 150% 150% 150% 164% 164% 147% 149% 151% 150% 150% 150% 150% 150% 150% 150	(1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts	109% 0.297 3.0% 109%	112% 0.304 2.5% 112%	115% 0.312 2.5% 115%	118% 0.320 2.5% 118%	2.5% 121% 0.328 2.5% 121%	2.5% 124% 0.336 2.5% 124%	2.0% 126% 0.343 2.0% 126%	2.0% 129% 0.350 2.0% 129%	2.0% 131% 0.357 2.0% 131%	2.0% 134% 0.364 2.0% 134%	2.0% 136% 0.371 2.0% 136%	1.5% 139% 0.377 1.5% 139%	1.5% 141% 0.382 1.5% 141%	1.5% 143% 0.388 1.5% 143%	1.5% 145% 0.394 1.5% 145%	147% 0.400 1.5% 147%	1.5% 149% 0.406 1.5% 149%	1.5% 151% 0.412 1.5% 151%	1.5% 154% 0.418 1.5% 154%	1.5% 156% 0.424 1.5% 156%
Total arisings of C&I using regional growth forecasts ub-regional growth forecast sub-regional level growth rate of C&I - per year (%)  (f) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast sub-regional level growth rate of C&I - per year (%)  (g) Forecast regional level growth rate of Azardous waste - per year (%)  (g) Forecast regional level growth rate of Azardous waste - per year (%)  (g) Forecast regional level growth rate of Azardous waste - per year (%)  (g) Forecast regional level growth rate of Azardous waste - per year (%)  (g) Forecast sub-regional level growth rate of Azardous waste - per year (%)  (g) Forecast sub-regional level growth rate of Azardous waste - per year (%)  (g) Forecast sub-regional level growth rate of Azardous waste - per year (%)  (g) Forecast sub-regional level growth rate of Azardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Forecast sub-regional level growth rate of hazardous waste - per year (%)  (g) Fo	(1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year	109% 0.297 3.0% 109% 0.297	112% 0.304 2.5% 112% 0.304	115% 0.312 2.5% 115% 0.312	118% 0.320 2.5% 118% 0.320	2.5% 121% 0.328 2.5% 121% 0.328	2.5% 124% 0.336 2.5% 124% 0.336	2.0% 126% 0.343 2.0% 126% 0.343	2.0% 129% 0.350 2.0% 129% 0.350	2.0% 131% 0.357 2.0% 131% 0.357	2.0% 134% 0.364 2.0% 134% 0.364	2.0% 136% 0.371 2.0% 136% 0.371	1.5% 139% 0.377 1.5% 139% 0.377	1.5% 141% 0.382 1.5% 141% 0.382	1.5% 143% 0.388 1.5% 143% 0.388	1.5% 145% 0.394 1.5% 145% 0.394	147% 0.400 1.5% 147% 0.400	1.5% 149% 0.406 1.5% 149% 0.406	1.5% 151% 0.412 1.5% 151% 0.412	1.5% 154% 0.418 1.5% 154% 0.418	1.5% 156% 0.424 1.5% 156% 0.424
(1) Forecast sub-regional level growth rate of C&I - per year (%) (25% 2.5% 2.5% 2.5% 2.5% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.5% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0	(1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arinisgo of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	109% 0.297 3.0% 109% 0.297	112% 0.304 2.5% 112% 0.304 2.5%	115% 0.312 2.5% 115% 0.312 2.5%	118% 0.320 2.5% 118% 0.320 2.5%	2.5% 121% 0.328 2.5% 121% 0.328	2.5% 124% 0.336 2.5% 124% 0.336	2.0% 126% 0.343 2.0% 126% 0.343	2.0% 129% 0.350 2.0% 129% 0.350	2.0% 131% 0.357 2.0% 131% 0.357	2.0% 134% 0.364 2.0% 134% 0.364	2.0% 136% 0.371 2.0% 136% 0.371	1.5% 139% 0.377 1.5% 139% 0.377	1.5% 141% 0.382 1.5% 141% 0.382	1.5% 143% 0.388 1.5% 143% 0.388	1.5% 145% 0.394 1.5% 145% 0.394	147% 0.400 1.5% 147% 0.400	1.5% 149% 0.406 1.5% 149% 0.406	1.5% 151% 0.412 1.5% 151% 0.412	1.5% 154% 0.418 1.5% 154% 0.418	1.5% 156% 0.424 1.5% 156% 0.424
(1) Forecast sub-regional level growth rate of C&l - cumulative (%)  117% 120% 123% 126% 130% 133% 136% 138% 141% 141% 147% 149% 151% 150% 150% 150% 160% 161% 163% 164% 164% 164% 164% 164% 164% 164% 164	(1) (1) (1) (1) (1) (1)	Forecast regional level growth rate of MSV - per year (%) Forecast regional level growth rate of MSV - comutative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSV - per year (%) Forecast sub-regional level growth rate of MSV - comutative (%) Total arisings of MSW using sub-regional growth forecasts Ansings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%)	109% 0.297 3.0% 109% 0.297 3.3% 117%	112% 0.304 2.5% 112% 0.304 2.5% 120%	115% 0.312 2.5% 115% 0.312 2.5% 123%	118% 0.320 2.5% 118% 0.320 2.5% 126%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151%	1.5% 143% 0.388 1.5% 143% 0.388 1.5%	1.5% 145% 0.394 1.5% 145% 0.394 1.5%	147% 0.400 1.5% 147% 0.400 1.5% 158%	1.5% 149% 0.406 1.5% 149% 0.406 1.0%	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161%	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163%	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164%
Total arisings of Call using sub-regional growth forecasts 0,900 0,922 0,945 0,969 0,993 1,018 1,059 1,080 1,102 1,124 1,141 1,158 1,175 1,193 1,210 1,223 1,255 1,247 1,260 1	(1) (1) (1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CBI in baseline year Forecast sub-regional level growth rate of CBI - per year (%) Forecast regional level growth rate of CBI - cumulative (%) Total arisings of CBI using regional growth forecasts	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 1.5% 1.5%	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 1.56% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260
Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of hazardous waste - per year (%)  Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of hazardous waste - per year (%)  Arisings of hazardous waste - cumulative (%)  Arisings of hazardous waste - cumulative (%)  Arisings of hazardous waste - per year (%)  Arisings of hazardous waste - cumulative (%)  Aris	(1) (1) (1) (1) (1) (1)	Forecast regional level growth rate of MSV - per year (%) Forecast regional level growth rate of MSV - comunative (%) Total artisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CBI in baseline year Forecast regional level growth rate of CBI - per year (%) Forecast regional level growth rate of CBI - cumulative (%) Total arisings of CBI using regional growth forecasts Forecast using-gional level growth rate of CBI - per year (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3%	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5%	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0%
(2) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 118% 118% 123% 128% 129% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.5% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0	(1) (1) (1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CBI in baseline year Forecast sub-regional level growth rate of CBI - per year (%) Forecast regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117%	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123%	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 141% 1.102 2.0% 144%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153%	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5%	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0%	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163%	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0%
Forecast regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 115% 118% 121% 123% 126% 128% 131% 138% 135% 137% 139% 141% 144% 145% 146% 148% 149% 1001a phazardous waste - cumulative (%)  107% 109% 1012 0.012 0.013 0.013 0.013 0.013 0.013 0.013 0.013 0.014 0.014 0.014 0.014 0.015 0.015 0.015 0.015 0.016	(1) (1) (1) (1) (1) (1)	Forecast regional level growth rate of MSV - per year (%) Forecast regional level growth rate of MSV - comutative (%) Total arisings of MSV using regional growth forecasts Forecast sub-regional growth rate of MSV - cumulative (%) Forecast sub-regional level growth rate of MSV - cumulative (%) Total arisings of MSV using sub-regional growth forecasts Arisings of CBI in baseline year Forecast regional level growth rate of CBI - per year (%) Forecast general level growth rate of CBI - cumulative (%) Total arisings of CBI using regional growth forecasts Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rote of CBI - cumulative (%) Total arisings of CBI using using regional growth forecasts Forecast sub-regional level growth rate of CBI - cumulative (%) Total arisings of CBI using using regional growth forecasts	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117%	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123%	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 141% 1.102 2.0% 144%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153%	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5%	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158%	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0%	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163%	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0%
Total arisings of hazardous waste (2) Forecast sub-regional level growth rate of hazardous waste - per year (%)  104	(1) (1) (1) (1) (1) (1) (1)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - gen year (%) Forecast sub-regional level growth rate of C&I - gen year (%) Forecast sub-regional level growth rate of C&I - gen year (%) Forecast sub-regional level growth rate of C&I - gen year (%) Forecast sub-regional level growth rate of C&I - gen year (%) Forecast sub-regional level growth rate of C&I - gen year (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.55% 149% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5%	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 1.53% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 160% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0%
(2) Forecast sub-regional level growth rate of hazardous waste - per year (%)  3.3% 2.5% 2.5% 2.5% 2.5% 2.5% 2.0% 2.0% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.5% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0	(1) (1) (1) (1) (1) (1) (1) (dous	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - comutative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CBI in baseline year Forecast regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - cumulative (%) Total arisings of CBI using regional growth forecasts Forecast sub-regional level growth rate of CBI - cumulative (%) Forecast sub-regional level growth rate of CBI - cumulative (%) Forecast sub-regional level growth rate of CBI - cumulative (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast sub-regional level growth rate of CBI - per year (%) Forecast signal rate of the zardous waste - per year (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 1.018 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 1.038 2.0%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 1.5% 1.158 1.5% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.55% 1.175 1.55% 1.175 1.55% 1.175	1.5% 0.394 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210	1.5% 0.406 0.406 1.5% 149% 0.406 1.0% 1.00% 1.223 1.0% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 1.235	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247	1.5% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0%
Forecast sub regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 115% 118% 121% 125% 126% 128% 131% 133% 135% 137% 139% 141% 144% 145% 146% 149% 149% 149% 149% 149% 149% 149% 149	(1) (1) (1) (1) (1) (1) (1) (dous (2)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of Asardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112%	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.49% 1.141	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.55% 1.158 1.5% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 1.210 1.5% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 146%	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247	1.5% 156% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0% 1.260
Total arisings of hazardous waste 0.011 0.012 0.012 0.012 0.012 0.013 0.013 0.013 0.013 0.013 0.014 0.014 0.014 0.014 0.015 0.015 0.015 0.015 0.016 0.016 0.016 0.016 0.016  Total managed C&D in baseline year (3) Forecast regional-level growth rate of managed C&D - per year (%) Forecast regional-level growth rate of managed C&D - cumulative (%)  100% 100% 100% 100% 100% 100% 100% 100	(1) (1) (1) (1) (1) (1) (1) (1) dous (2)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I in growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 0.900 3.3% 117% 0.900	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 123% 0.945	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.012	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 130% 0.993	2.5% 124% 0.336 2.5% 1247 0.336 2.5% 133% 1.018 2.5% 1338 1.018 2.5% 121% 0.013	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 1.038 2.0%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 1.059 2.0%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 141% 1.080	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 1.124 2.0% 1.33% 0.014	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141 1.5% 135% 0.014	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 1.175 1.5% 1.39% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.193 1.5% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.240 0.015	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 1.223 1.0% 145% 0.016	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0%	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0%	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.260
Total managed C&D in baseline year  (s) Forecast regional-level growth rate of managed C&D - per year (%)  6) Forecast regional-level growth rate of managed C&D - per year (%)  100% 100% 100% 100% 100% 100% 100% 100	(1) (1) (1) (1) (1) (1) (1) (1) (1) (2)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - comulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I using sub-regional growth forecasts Arisings of C&I using regional growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.912 2.5% 109% 0.012 2.5%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 10.945 0.945	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 100% 0.969	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.093	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 121% 0.013 2.5%	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 1.059	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0%	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0%	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0%	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141 1.5% 135% 0.014 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.5% 1.37% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 1.9% 1.9%	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 1.56% 1.193 1.5% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 160% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235	1.5% 0.418 1.5% 1.5% 1.5% 1.247 1.0% 163% 1.247 1.0% 183% 1.247	1.5% 0.424 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.0% 1.0%
Forecast regional-level growth rate of managed C&D - cumulative (%) 100% 100% 100% 100% 100% 100% 100% 10	(1) (1) (1) (1) (1) (1) (1) (1) rdous (2)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - preyear (%) Forecast sub-regional growth rate of MSW - preyear (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of macardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.901 3.3% 107% 0.011 3.3%	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109%	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5%	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 115% 0.912 2.5% 115%	2.5% 121% 0.328 2.5% 121% 0.328 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013 2.5%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 126% 0.013 2.0%	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0% 128%	2.0% 134% 0.364 2.0% 134% 0.364 1.102 2.0% 1.102 2.0% 1.102 2.0% 1.102 2.0% 1.102	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0%	1.5% 1.39% 0.377 1.5% 139% 0.377 1.5% 1.49% 1.141 1.5% 1.49% 1.141 1.5% 1.35% 0.014 1.5%	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.37% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 1.175 1.5% 1.175 1.5% 1.175 1.5% 1.175 1.9% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 1.210 1.5% 144% 0.015 1.5%	1.5% 0.406 1.5% 0.406 1.5% 0.406 1.0% 1.00% 1.223 1.0% 1.00% 1.223 1.0% 1.223 1.0% 1.223	1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0% 146% 0.016	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 148% 0.016 1.0%	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0% 149% 0.016 1.0%
	(1) (1) (1) (1) (1) (1) (1) (1) (rdous (2)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of C&I - cumulative (%) Forecast regional level growth rate of heardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109% 0.012	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5%	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.012 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 1.318 1.21% 0.013	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 123% 0.013 2.0%	2.0% 129% 0.350 2.0% 1.29% 0.350 2.0% 138% 1.059 2.0% 138% 1.059 2.0% 1.26% 0.013	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.55% 1.141 1.5% 1.5% 1.5% 0.014	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 137% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 1.75 1.5% 1.5% 1.75 1.5% 1.9% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210 1.5% 144% 0.015	1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.223 1.0% 1.223 1.0% 1.45% 0.016	1.5% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0% 146% 0.016	1.5% 154% 0.418 1.5% 0.418 1.0% 163% 1.247 1.0% 148% 0.016	1.5% 156% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0% 149% 0.016
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - comunative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - compared (%) Forecast sub-regional level growth rate of MSW - comunative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CAI in baseline year Forecast regional level growth rate of CAI - per year (%) Forecast regional level growth rate of CAI - comunative (%) Total arisings of CAI using regional growth forecasts Forecast sub-regional level growth rate of CAI - per year (%) Forecast sub-regional level growth rate of CAI - cumulative (%) Total arisings of CAI using regional growth forecasts Forecast sub-regional level growth rate of CAI - cumulative (%) Forecast sub-regional level growth rate of CAI - cumulative (%) Forecast sub-regional level growth rate of CAI - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast regional-level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast regional-level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional-level growth rate of hazardous waste - cumulative (%) Forecast sub-regional-level growth rate of hazardous waste - cumulative (%)	109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 13.3% 107% 0.011	112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109% 0.012	115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5% 112% 0.012	118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.012 2.5%	2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013 2.5%	2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.018 2.5% 121% 0.013 2.5% 121% 0.013	2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 123% 0.013 2.0%	2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 126% 0.013 2.0% 126% 0.013	2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 141% 0.014 2.0% 128% 0.014 0.014	2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0% 131% 0.014	2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133% 0.014	1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 149% 1.141 1.5% 0.014 1.5% 0.014	1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 151% 1.158 1.5% 1.158 1.5% 1.158 1.5% 0.015	1.5% 143% 0.388 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 153% 1.175 1.5% 139% 0.015 1.39% 0.015	1.5% 145% 0.394 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 156% 1.193 1.5% 141% 0.015	147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210 1.5% 144% 0.015 1.5% 1.4%	1.5% 149% 0.406 1.5% 0.406 1.6% 1.223 1.0% 160% 1.223 1.0% 160% 1.223 1.0% 1.0% 1.25% 0.016 1.0% 0.016	1.5% 0.412 1.5% 0.412 1.5% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0% 161% 0.016 1.0% 0.016	1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 188% 0.016	1.5% 0.424 1.5% 0.424 1.5% 0.424 1.260 1.0% 1.260 1.0% 1.260 1.0% 1.260 0.016 1.0% 1.29% 0.016

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

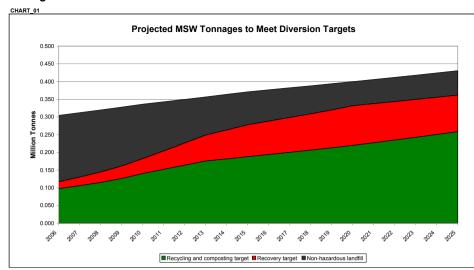
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

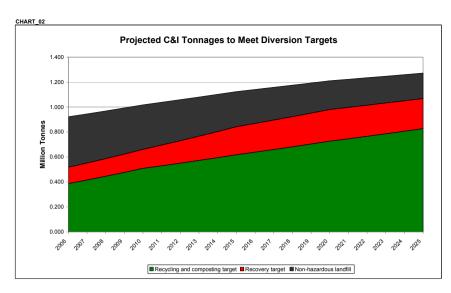
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

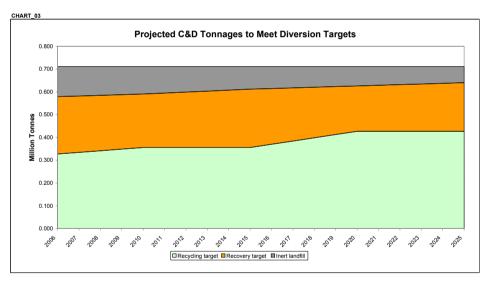
DATA_02: IN	TER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%
(1)	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.296	0.288	0.281	0.274	0.266	0.259	0.244	0.230	0.215	0.201	0.186	0.179	0.171	0.163	0.156	0.148	0.144	0.141	0.138	0.134	0.131
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098

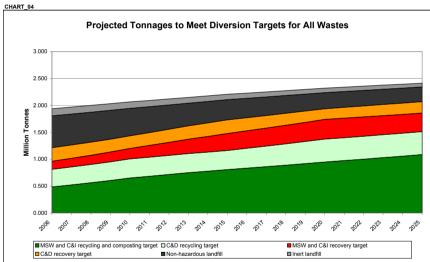
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloadable from http://www.southeast-ra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_s
Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seorrate waste streams of MSW and C&I was solit according to formace arisings of MSW and C&I waste.

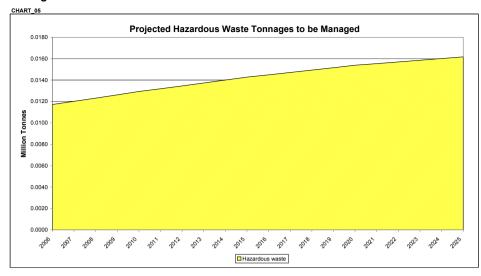
	ANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
nsw - imports	from london that are sent direct to non-hazardous landfill	0.297 0.073	0.304 0.072	0.312 0.070	0.320 0.068	0.328 0.066	0.336 0.064	0.343 0.061	0.350 0.057	0.357 0.053	0.364 0.050	0.371 0.046	0.377 0.044	0.382 0.042	0.388 0.041	0.394 0.039	0.400 0.037	0.406 0.036	0.412 0.035	0.418 0.035	0.424	0.431 0.033
&i		0.900	0.922	0.945	0.969	0.993	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260	1.272
	rom london that are sent direct to non-hazardous landfill	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
&d		0.711 0.011	0.711	0.711	0.711	0.711	0.711	0.711	0.711 0.013	0.711 0.014	0.711 0.014	0.711 0.014	0.711 0.014	0.711	0.711	0.711 0.015	0.711	0.711	0.711 0.016	0.711	0.711	0.711
azardous		0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
ATA_04: TA	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ISW (1	landfill (Mt)	0.137	0.133	0.128	0.121	0.112	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.048
	recovered (%)	5	6.4	7.8	9.2	10.6	12 40	14.4	16.8 44.0	19.2	21.6	24 50	24.8	25.6	26.4	27.2	28 55	27.2	26.4	25.6	24.8	24 60
d	recycled and composted (%) recovered (%)	30 14	32.0 14.2	34.0 14.4	36.0 14.6	38.0 14.8	15	42.0 16.0	17.0	46.0 18.0	48.0 19.0	20	51.0 20.2	52.0 20.4	53.0 20.6	54.0 20.8	21	56.0 20.6	57.0 20.2	58.0 19.8	59.0 19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
zardous	landfill (%)	N/A N/A	N/A N/A	N/A N/A																		
	recovered (%) recycled (%)	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A										
	individual (iv)	1071	1471	1477	1671	1071	1071	1471	1471	1477	1477	1471	1071	14074	1471	1671	14071	1471	1671	1471	1477	147
(1	ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
A_05: W	ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
,		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total MSW to be recovered and recycled/composted to meet target	0.104 0.193	0.117 0.188	0.130	0.145 0.175	0.159	0.175 0.161	0.193 0.149	0.213 0.137	0.233	0.253	0.275 0.096	0.285 0.091	0.297 0.086	0.308	0.320	0.332	0.338	0.343	0.349	0.356	0.362
	Total MSW not-diverted by targets Percentage of MSW that is biodegradable (% by weight)	0.193	0.188	0.182 68	0.175	0.169 68	0.161	0.149	0.137	0.124	0.111 68	0.096	0.091	0.086	0.080	0.074	0.068	0.068	0.068	68	0.069 68	0.069
	Total BMW not-diverted by targets	0.131	0.128	0.124	0.119	0.115	0.110	0.102	0.093	0.084	0.075	0.066	0.062	0.058	0.054	0.050	0.046	0.046	0.046	0.047	0.047	0.047
	LATS shortfall (how much extra is landfilled above LATS target)	-0.005	-0.006	-0.004	-0.002	0.002	0.008	0.011	0.014	0.016	0.010	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.00
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	299
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.002	0.006	0.008	0.010	0.012	0.007	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227 0.110	0.235	0.242	0.250	0.258
	Recovery target Non-hazardous landfill	0.015 0.193	0.019 0.188	0.024 0.182	0.029 0.175	0.035 0.166	0.042 0.154	0.052 0.139	0.063 0.123	0.073	0.082	0.090	0.094	0.098 0.084	0.103	0.107 0.074	0.112	0.110	0.109	0.107	0.105	0.103
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.009	0.009	0.00
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling and composting target	0.360 0.126	0.387	0.416 0.136	0.446 0.141	0.477	0.509 0.153	0.529 0.166	0.551 0.180	0.572 0.194	0.595 0.209	0.618 0.225	0.639 0.230	0.660 0.236	0.681 0.242	0.704 0.248	0.726 0.254	0.746 0.252	0.766 0.249	0.786 0.247	0.806	0.827
	Recovery target Non-hazardous landfill	0.126	0.131 0.404	0.136	0.141	0.147 0.369	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244	0.24
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.427
	Recovery target Inert landfill	0.256 0.135	0.252 0.132	0.247 0.129	0.243 0.127	0.239 0.124	0.235 0.121	0.239 0.117	0.243 0.112	0.247	0.252 0.104	0.256 0.100	0.245 0.097	0.233 0.094	0.222	0.211	0.199 0.085	0.202	0.205 0.080	0.208	0.211	0.213
	THER MINIMI CHECK COUNTER (should be zero)	0.000	0.132	0.129	0.000	0.124	0.000	0.000	0.112	0.000	0.104	0.000	0.000	0.094	0.000	0.000	0.000	0.002	0.000	0.000	0.074	0.00
	CITEDIA CODIALEA (alliquid de Zeio)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
rdous	Hazardous waste	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
A 06: T	OTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.449	0.485	0.522	0.561	0.603	0.649	0.682	0.714	0.748	0.776	0.806	0.833	0.860	0.888	0.916	0.946	0.973	1.000	1.028	1.056	1.085
	C&D recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.42
	MSW and C&I recovery target	0.141	0.150	0.160	0.171	0.182	0.195	0.218	0.243	0.268	0.291	0.315	0.325	0.335	0.345	0.355	0.366	0.362	0.358	0.354	0.350	0.345
	C&D recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211	0.213
	Non-hazardous landfill Inert landfill	0.607 0.135	0.591 0.132	0.575 0.129	0.557 0.127	0.536 0.124	0.510 0.121	0.481 0.117	0.451 0.112	0.421 0.108	0.398 0.104	0.374 0.100	0.360 0.097	0.345 0.094	0.330 0.091	0.315 0.088	0.298 0.085	0.293 0.082	0.288	0.283	0.278	0.272
	Hazardous waste	0.135	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.000	0.065	0.062	0.016	0.017	0.074	0.071
	Hazardous waste	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.013	0.013	0.015	0.010	0.010	0.010	0.010	0.010	0.0









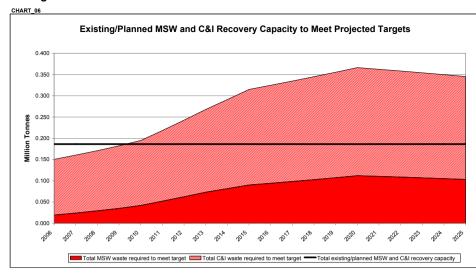


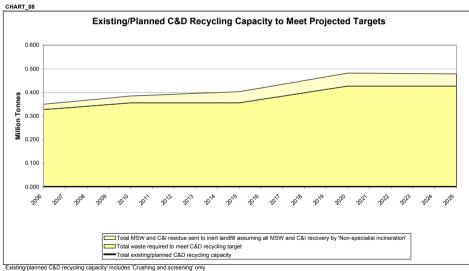
DATA 07: EXISTING/DI ANNED CADACITY FOR RECYCI INC	DECOVERY AND LANDEILLING AND TOTAL	I WASTE TONNAGES TO EACH DISDOSAL	POLITE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
Total existing/planned MSW and C&I recovery capacity	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
Total MSW waste required to meet target	0.015	0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	0.105	0.103
Total C&I waste required to meet target	0.126	0.131	0.136	0.141	0.147	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244	0.242
Surplus/deficit capacity	0.046	0.036	0.026	0.016	0.004	-0.008	-0.032	-0.056	-0.081	-0.105	-0.128	-0.138	-0.148	-0.158	-0.169	-0.180	-0.176	-0.172	-0.168	-0.163	-0.159
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221
MSW and C&I transfer	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379
Total existing/planned MSW and C&I composting capacity	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293	0.293
Total MSW waste required to meet recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250	0.258
Total C&I waste required to meet recycling and composting target	0.360	0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	0.806	0.827
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.099	-0.135	-0.172	-0.211	-0.253	-0.300	-0.332	-0.365	-0.399	-0.427	-0.456	-0.483	-0.510	-0.538	-0.567	-0.597	-0.624	-0.651	-0.679	-0.707	-0.736
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.156	-0.192	-0.229	-0.268	-0.310	-0.357	-0.389	-0.422	-0.455	-0.484	-0.513	-0.540	-0.567	-0.595	-0.624	-0.654	-0.680	-0.708	-0.736	-0.764	-0.793
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.427
Surplus/deficit capacity	-0.320	-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	-0.427	-0.427
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211	0.213
Surplus/deficit capacity	1.621	1.542	1.463	1.384	1.305	1.225	1.200	1.175	1.150	1.125	1.100	1.080	1.060	1.040	1.020	1.000	1.018	1.036	1.054	1.072	1.090
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		10.500	9.515	8.547	7.599	6.672	5.770	4.907	4.083	3.299	2.548	1.831	1.131	0.447	-0.220	-0.869	-1.499	-2.125	-2.747	-3.365	-3.979
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.492	8.501	7.527	6.572	5.641	4.745	3.885	3.061	2.266	1.502	0.753	0.019	-0.699	-1.402	-2.087	-2.768	-3.443	-4.114	-4.780
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		10.500	9.426	8.364	7.315	6.280	5.264	4.272	3.305	2.363	1.440	0.537	-0.355	-1.236	-2.106	-2.965	-3.811	-4.651	-5.484	-6.311	-7.131
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		10.500	9.497	8.510	7.541	6.592	5.667	4.778	3.925	3.108	2.323	1.568	0.829	0.105	-0.603	-1.295	-1.969	-2.639	-3.304	-3.964	-4.620
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		10.500	9.447	8.408	7.382	6.373	5.384	4.422	3.489	2.585	1.703	0.844	-0.002	-0.837	-1.658	-2.467	-3.263	-4.052	-4.835	-5.612	-6.383
Total MSW and C&I waste sent direct to non-hazardous landfill  Inert landfill		0.591	0.575	0.557	0.536	0.510	0.481	0.451	0.421	0.398	0.374	0.360	0.345	0.330	0.315	0.298	0.293	0.288	0.283	0.278	0.272
Available inert landfill capacity		25.700	25.568	25.438	25.312	25.188	25.067	24.950	24 838	24 730	24.626	24.527	24.430	24.336	24.245	24.157	24 071	23.989	23 909	23.832	23.758
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		25.700	25.545	25.392	25.239	25.088	24.938	24.789	24.640	24.492	24.344	24.198	24.052	23.908	23.765	23.624	23.484	23.347	23.213	23.084	22.957
Total C&D waste sent direct to inert landfill	0.135	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.080	0.077	0.074	0.071
Total Cab waste sent unext to ment landing	0.133	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.100	0.104	0.100	0.031	0.034	0.091	0.000	0.000	0.002	0.000	0.011	0.074	0.071
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Available leazardous and illi capacity Total hazardous waste sent direct to hazardous landfill							I/A N			√A N				I/A N				I/A N		I/A N	
Other		!										.,,				.,,					
Other Metal/ELV facility	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Ignored	0.030	0.137	0.137	0.137	0.137	0.137	0.030	0.030	0.030	0.137	0.030	0.030	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137	0.137
ignored Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Glosed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

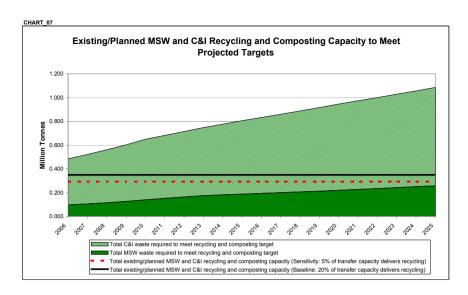
Second content of the property of the proper	RESIDUE RATES (%)  Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
See the section of th	MSW and C&I incineration (non-specialist) - bottom ash	30	30	30		30	30	30	30	30	30	30	30	30		30	30	30	30	30	30
Marie   Mari	MSW and C&I incineration (non-specialist) - fly ash	3	3	3		3	3	3	3	3	3	3	3	3		3	3	3	3	3	3
Manual Content of the content of t																					
Part																					
Segretaria servicial segretaria s	MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Marine Ma	Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Recycling residues (% by weight)																				
Marie   Mari																					
March   Marc																					
Section 1. The property of the																					
Selection 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											5					5			10	10	
Seminary 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		3	3		3	,	,	3	3	3		3	3		3	3	,	3	,	3	
Section 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
The contribution of the co																					N/A
Marie   Mari	Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marie   Mari	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	the self-suffice	ciency requir	ements of F	PPS10.																
Part						2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	2022	2023	2024
Marie   Mari		2005	2006	2007	2006	2009	2010	2011	2012	2013	2014	2015	2010	2017	2010	2019	2020	2021	2022	2023	2024
Mathematic properties of the		0.042	0.045	0.048	0.051	0.055	0.058	0.065	0.073	0.080	0.087	0.094	0.097	0.100	0.103	0.107	0.110	0.109	0.107	0.106	0.105
Mode to the latting of the latting o																					
14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MSW and C&I to MBT																				
Marke			0.018	0.019	0.021	0.022	0.023		0.029	0.032	0.035	0.038	0.039	0.040	0.041	0.043	0.044	0.043	0.043	0.042	0.042
Marked Ma	MSW and C&I treatment - non-hazardous																				
The section of the se	MSW and C&I treatment - hazardous																				
Mary Mary Mary Mary Mary Mary Mary Mary		N/A N	/A N	/A N	I/A N/	/A N/	/A N	/A N/	A N	/A N/	A N/	A N/.	A N//	A N/	A N/	A N	/A N	I/A N	/A N	I/A N	/A N
Column   C	Recycling residues (of waste managed):	0.00=	0.070	0.070	0.004	0.000	0.007	0.400	0.407	0.440	0.110	0.404	0.405	0.400	0.400	0.407	0.446	0.440	0.455	0.454	0.455
Section   Part	MSW and C&I recycling and composting																				
No. All residuals are calculated on the amount of wester string cot on the mount of leasted planting cot of leasted planting cot on the mount of leasted planting cot of leasted plant	Hazardous waste recycling																				
The WAND CALE RESIDUE FROM RECVICAGE SENT TO MANAFAZOROUS LANGHLAND CAREFOLD 1988 1988 2018 2018 2018 2018 2018 2018 2018 20	· · · · · · · · · · · · · · · · · · ·	17	190	19	18/	(W	IN	1977	. 19/	19/	(N/		. 1477	. 19/	19//	. 19.	19	180	19	18	
Part	Total more and our response and composing residue cent to non-nazarades aritims		0.100	0.112	0.110	0.120	0.100	0.100	0.110	0.110	0.102	0.100	0.102	0.101	0.110	0.110	0.100	0.100	0.100	0.101	0.201
Company   Technology   Techno																					
	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million		2006	2007	2008	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	2022	2023	2024
Total Michigan Collination and Collination and Collination plant Michigan and Collination P			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total May and Call register genits one-hazardocks landfill 1 more production of the state of the production of the state of the production	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005																			
Section   Sect	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.021	0.023	0.024	0.026	0.027	0.029	0.033	0.036	0.040	0.044	0.047	0.049	0.050	0.052	0.053	0.055	0.054	0.054	0.053	0.052
Total Mark and Call residues earth from histandous landfill in ord in control programme and recovery is by breatment (Based on Indian Recovery capacity):    Total Mark and Call residues earth from histandous landfill and 50% is sent to non-histandous landfill and 50% is sent to inert landfill. In the ciljinal and 10% is sent to inert landfill. In the ciljinal a	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.021 0.021	0.023 0.023	0.024 0.024	0.026 0.026	0.027 0.027	0.029 0.029	0.033 0.033	0.036 0.036	0.040 0.040	0.044 0.044	0.047 0.047	0.049 0.049	0.050 0.050	0.052 0.052	0.053 0.053	0.055 0.055	0.054 0.054	0.054 0.054	0.053 0.053	0.052 0.052
Section   Sect	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.021 0.021	0.023 0.023	0.024 0.024	0.026 0.026	0.027 0.027	0.029 0.029	0.033 0.033	0.036 0.036	0.040 0.040	0.044 0.044	0.047 0.047	0.049 0.049	0.050 0.050	0.052 0.052	0.053 0.053	0.055 0.055	0.054 0.054	0.054 0.054	0.053 0.053	0.052 0.052
Total New series for non-hazardous landfill and 50% is serie to inent landfill. In the original model assumptions of cerebing from hone-against line incineration is series to non-hazardous landfill and 50% is serie to inent landfill. In the original model assumptions of cerebing from hone-against line incineration is series to non-hazardous landfill and 50% is series to inent landfill. In the original model assumptions of control or the control or th	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCEMARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCEMARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)	0.021 0.021 0.021	0.023 0.023 0.089	0.024 0.024 0.095	0.026 0.026 0.101	0.027 0.027 0.107	0.029 0.029 0.115	0.033 0.033 0.129	0.036 0.036 0.143	0.040 0.040 0.158	0.044 0.044 0.172	0.047 0.047 0.186	0.049 0.049 0.192	0.050 0.050 0.197	0.052 0.052 0.203	0.053 0.053 0.210	0.055 0.055 0.216	0.054 0.054 0.214	0.054 0.054 0.211	0.053 0.053 0.209	0.052 0.052 0.206
Column   C	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.021 0.021 0.021	0.023 0.023 0.089	0.024 0.024 0.095	0.026 0.026 0.101	0.027 0.027 0.107	0.029 0.029 0.115	0.033 0.033 0.129	0.036 0.036 0.143	0.040 0.040 0.158	0.044 0.044 0.172	0.047 0.047 0.186	0.049 0.049 0.192	0.050 0.050 0.197	0.052 0.052 0.203	0.053 0.053 0.210	0.055 0.055 0.216	0.054 0.054 0.214	0.054 0.054 0.211	0.053 0.053 0.209	0.052 0.052 0.206
Column   C	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MSP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'MSP' (based on total recovery capacity)	0.021 0.021 0.021 0.083 0.017	0.023 0.023 0.089 0.018	0.024 0.024 0.095 0.019	0.026 0.026 0.101 0.021	0.027 0.027 0.107 0.022	0.029 0.029 0.115 0.023	0.033 0.033 0.129 0.026	0.036 0.036 0.143 0.029	0.040 0.040 0.158 0.032	0.044 0.044 0.172 0.035	0.047 0.047 0.186 0.038	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
1	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.021 0.021 0.021 0.083 0.017	0.023 0.023 0.089 0.018 0.068	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.033 0.033 0.129 0.026 0.098	0.036 0.036 0.143 0.029 0.109	0.040 0.040 0.158 0.032 0.120	0.044 0.044 0.172 0.035 0.131	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
Cold prised on cempt alies   61 %   62 Private on cempt alies   61 %   62 Private on cempt alies   61 %   62 Private on cell alies sent to friend a familiar session and familia	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill	0.021 0.021 0.021 0.083 0.017	0.023 0.023 0.089 0.018 0.068	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.033 0.033 0.129 0.026 0.098	0.036 0.036 0.143 0.029 0.109	0.040 0.040 0.158 0.032 0.120	0.044 0.044 0.172 0.035 0.131	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
17	SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCEMARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCEMARIO 3 - Assumes all recovery is by 'MSP (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCEMARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.021 0.021 0.083 0.017 0.063	0.023 0.023 0.089 0.018 0.068	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.033 0.033 0.129 0.026 0.098	0.036 0.036 0.143 0.029 0.109	0.040 0.040 0.158 0.032 0.120	0.044 0.044 0.172 0.035 0.131	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
Total C&D reused on non-hazardous landfill on contiguing model assumptions developed MEL.  ***********************************	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites	0.021 0.021 0.021 0.083 0.017 0.063 addill. In the or	0.023 0.023 0.089 0.018 0.068	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.033 0.033 0.129 0.026 0.098	0.036 0.036 0.143 0.029 0.109	0.040 0.040 0.158 0.032 0.120	0.044 0.044 0.172 0.035 0.131	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
Total (150b) results of 100b) results of	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar FONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  (4) C&D reused on landfill sites sent to 'non-haz landfill'	2005 0.021 0.021 0.083 0.017 0.063 addill. In the or	0.023 0.023 0.089 0.018 0.068 iginal model	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.033 0.033 0.129 0.026 0.098	0.036 0.036 0.143 0.029 0.109	0.040 0.040 0.158 0.032 0.120	0.044 0.044 0.172 0.035 0.131	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
Total Cal Provision for International Standing   0.039   0.029   0.029   0.029   0.029   0.029   0.028   0.029	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites 1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 0.021 0.021 0.083 0.017 0.063 addill. In the or	0.023 0.023 0.089 0.018 0.068 iginal model	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.033 0.033 0.129 0.026 0.098	0.036 0.036 0.143 0.029 0.109	0.040 0.040 0.158 0.032 0.120	0.044 0.044 0.172 0.035 0.131	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039	0.050 0.050 0.197 0.040	0.052 0.052 0.203 0.041	0.053 0.053 0.210 0.043	0.055 0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.052 0.206 0.042
Total reside CAD on inert landfill on only and assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NOTE: CAD results a tasked and original monohal assumptions developed MEL. NoTE: CAD results a tasked and original monohal assumptions developed MEL. NoTE: CAD results a tasked and original monohal results at the second ori	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to incert hadfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - SCENAR	2005 0.021 0.021 0.083 0.017 0.063 0.063 39 9 61 9 30 9 70 9	0.023 0.023 0.089 0.018 0.068	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077 ns develope	0.027 0.027 0.107 0.022 0.082 d MEL 50%	0.029 0.029 0.115 0.023 0.088 was assun	0.033 0.033 0.129 0.026 0.098 ned to go to (	0.036 0.036 0.143 0.029 0.109 C&D recycl	0.040 0.040 0.158 0.032 0.120 0.120	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142	0.049 0.049 0.192 0.039 0.146	0.050 0.050 0.197 0.040 0.151	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160	0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.052 0.206 0.042 0.157
Color research assumed the color reginal model assumptions developed MEL NOTE: CaD reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that data supplied by each reginal product of the charts because it has been assumed that assumed that assumed that assumed that assumed that the charts because it has been assumed that assumed that assumed that assumed that assumed that assumed that the charts because it has been assumed that assu	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to incent hadfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lan DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  ) C&D reused on landfill sites (C&D reused on landfill sites sent to 'non-haz landfil' (C&D reused on landfill sites sent to 'non-haz landfil' (C&D reused on landfill sites sent to 'non-haz landfil' (C&D reused on landfill sites sent to 'non-haz landfil'	2005 0.021 0.021 0.083 0.017 0.063 0.063 4dfill. In the or of the	0.023 0.023 0.089 0.018 0.068 iginal model	0.024 0.024 0.095 0.019 0.072	0.026 0.026 0.101 0.021 0.077 ns develope	0.027 0.027 0.107 0.022 0.082 d MEL 50%	0.029 0.029 0.115 0.023 0.088 was assun	0.033 0.033 0.129 0.026 0.098 need to go to (	0.036 0.036 0.143 0.029 0.109 C&D recycl	0.040 0.040 0.158 0.032 0.120 ing, rather th	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi	0.049 0.049 0.192 0.039 0.146	0.050 0.050 0.197 0.040 0.151	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160	0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.052 0.206 0.042 0.157
NOTE: C8D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data supplied by each sub-region has accounted for C&D reuse as an engineering material.  **TOTAL MSW AND C8I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)**  **TOTAL MSW AND C8I RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Milli	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to incent hadfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inent lar  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  ( C&D reused on landfill sites sent to 'non-haz landfill' ) ( C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'	2005  0.021 0.021 0.083  0.017  0.063  andfill. In the or	0.023 0.023 0.089 0.018 0.068 iginal model	0.024 0.024 0.095 0.019 0.072 assumption	0.026 0.026 0.101 0.021 0.077 ons develope	0.027 0.027 0.107 0.022 0.082 d MEL 50%	0.029 0.029 0.115 0.023 0.088 was assun	0.033 0.033 0.129 0.026 0.098 need to go to 6	0.036 0.036 0.143 0.029 0.109 C&D recycl	0.040 0.040 0.158 0.032 0.120 ing, rather th	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi	0.049 0.049 0.192 0.039 0.146	0.050 0.050 0.197 0.040 0.151	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160	0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.052 0.206 0.042 0.157
2005   2006   2007   2008   2009   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019   2020   2021   2022   2023   2024   2025	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill and 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill capacity in landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) Total C&D reused on non-hazardous landfill	2005  0.021 0.021 0.083  0.017  0.063  andfill. In the or	0.023 0.023 0.089 0.018 0.068 iginal model	0.024 0.024 0.095 0.019 0.072 assumption	0.026 0.026 0.101 0.021 0.077 ons develope	0.027 0.027 0.107 0.022 0.082 d MEL 50%	0.029 0.029 0.115 0.023 0.088 was assun	0.033 0.033 0.129 0.026 0.098 need to go to 6	0.036 0.036 0.143 0.029 0.109 C&D recycl	0.040 0.040 0.158 0.032 0.120 ing, rather th	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi	0.049 0.049 0.192 0.039 0.146	0.050 0.050 0.197 0.040 0.151	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160	0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.052 0.206 0.042 0.157
2005   2005   2007   2008   2009   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019   2020   2021   2022   2023   2024   2025	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total reused C&D on inert landfill Total reused C&D on inert landfill Total reused C&D on inert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused on londfill sites sent to onert landfill 1) C&D reused rets based on original model assumptions developed MEL	2005 0.021 0.021 0.083 0.017 0.063 0.063 39 9 61 9 70 9 2005 0.030 0.070	0.023 0.023 0.023 0.089 0.018 0.068 isiginal model	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067	0.026 0.026 0.101 0.021 0.077 ons developed	0.027 0.027 0.107 0.022 0.082 d MEL 50%	0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064	0.033 0.033 0.129 0.026 0.098 ned to go to 0	0.036 0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.040 0.158 0.032 0.120 ing, rather th	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi	0.049 0.049 0.192 0.039 0.146	0.050 0.050 0.197 0.040 0.151	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160	0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.052 0.206 0.042 0.157
SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  SCENARIO 2 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl recovery capacity by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl recovery capacity by 'MST' (based on total recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl recovery capacity by 'MST' (based on total recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl recovery capacity)  Total MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and Câl residue sent to hazardous landfill assuming all MSW and	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill  Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill sont included within the charts because it has been assumed that data su	2005  0.021 0.021 0.083 0.017 0.063  ddfill. In the or	0.023 0.023 0.023 0.089 0.018 0.068 diginal model	0.024 0.024 0.095 0.019 0.072 assumption	0.026 0.026 0.026 0.101 0.021 0.077 ns developed 2008 0.028 0.066	0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065	0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064	0.033 0.033 0.129 0.026 0.098 need to go to (	0.036 0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.040 0.158 0.032 0.120 ing, rather th	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.192 0.039 0.146	0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159	0.052 0.052 0.206 0.042 0.157
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity is the control of the control	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert handfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'MSP' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to 'non-haz	2005  0.021 0.083 0.017 0.063 0.017 0.063 addill. In the or	0.023 0.023 0.089 0.018 0.068 0.068 0.029 0.068 th sub-region	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067	0.026 0.026 0.101 0.021 0.077 ns developes 2008 0.028 0.066	0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065	0.029 0.029 0.115 0.023 0.088 . was assun 2010 0.027 0.064 an engineer	0.033 0.033 0.129 0.026 0.098 need to go to 6	0.036 0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.040 0.158 0.032 0.120 ing, rather the	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.206 0.042 0.157
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and Cal recovery by "Non-specialist incineration" 0.04 0.05 0.05 0.05 0.05 0.05 0.05 0.05	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incineration' (assum) and MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent	2005  0.021 0.083 0.017 0.063 0.017 0.063 addill. In the or	0.023 0.023 0.089 0.018 0.068 0.068 0.029 0.068 th sub-region	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067	0.026 0.026 0.101 0.021 0.077 ns developes 2008 0.028 0.066	0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065	0.029 0.029 0.115 0.023 0.088 . was assun 2010 0.027 0.064 an engineer	0.033 0.033 0.129 0.026 0.098 need to go to 6	0.036 0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.040 0.158 0.032 0.120 ing, rather the	0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155	0.053 0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.055 0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.206 0.042 0.157
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  10al MSW and C8 i residue sent to hazardous landfill  10al MSW and C8 i residue sent to hazardous waste capacity figures to generate a chart of managed waste v=rus available care.  205 206 207 208 209 201 201 201 201 201 201 201 201 201 201	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  OTAL MSW AND C&I recycling and composting residue sent to hazardous Landfill  Total MSW AND C&I recycling and composting residue sent to hazardous Landfill  Total MSW AND C&I recycling and composting residue sent to hazardous Landfill  Total MSW AND C&I recycling and composting residue sent to hazardous Landfill (Million Tonnes)	2005  0.021 0.021 0.083 0.017 0.063  ddfill. In the order of the control of the c	0.023 0.023 0.023 0.089 0.018 0.068 iriginal model 0.029 0.068 0.029 0.068	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067	0.026 0.026 0.101 0.021 0.077 ons developed 2008 0.028 0.066	0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065 D reuse as a	0.029 0.029 0.0115 0.023 0.088 was assun 2010 0.027 0.064 an engineer	0.033 0.033 0.033 0.129 0.026 0.098 ned to go to (1) 0.028 0.065 ring material.	0.036 0.036 0.143 0.029 0.109 0.28D recycl 2012 0.028 0.066	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.172 0.035 0.131 0.131 0.013 0.029 0.068	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.053 0.210 0.043 0.160 0.160 2019 0.024 0.057	0.055 0.055 0.055 0.216 0.044 0.165 2020 0.023 0.054	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.206 0.042 0.042 0.157
Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity converged converge	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to incon-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Rteatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  () C&D reused on nandfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  () C&D reused on inert landfill  () C&D reused capacity is sent to 'non-hazardous landfill'  () C&D reused rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data so  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005  0.021 0.021 0.083 0.017 0.063 0.017 0.063 10 10 10 10 10 10 10 10 10 10 10 10 10 1	0.023 0.023 0.023 0.089 0.018 0.068 iiginal model 6 6 6 6 6 6 6 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.024 0.024 0.095 0.019 0.072 1 assumption 2007 0.029 0.067	0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 unted for C&I	0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065 D reuse as a	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 an engineer	0.033 0.033 0.129 0.026 0.098 need to go to (10,000) 2011 0.028 0.065 ring material.	0.036 0.036 0.143 0.029 0.109 0.8D recycl 2012 0.028 0.066	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.192 0.039 0.146 0.028 0.066	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.053 0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.055 0.055 0.216 0.044 0.165 0.065 0.023 0.054 2020 /A N	0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.206 0.042 0.157 0.157 2024 0.025 0.057
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&l residue sent to hazardous landfill  Onc	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill on ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  ( C&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  Total reused C&D on inert landfill saturations developed MEL.  NOTE: C&D reuse on lent and non-hazardous landfill in ont included within the charts because it has been assumed that data so OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005  0.021 0.021 0.083 0.017 0.063 0.017 0.063 10 10 10 10 10 10 10 10 10 10 10 10 10 1	0.023 0.023 0.023 0.089 0.018 0.068 iiginal model 6 6 6 6 6 6 6 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.024 0.024 0.095 0.019 0.072 1 assumption 2007 0.029 0.067	0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 unted for C&I	0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065 D reuse as a	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 an engineer	0.033 0.033 0.129 0.026 0.098 need to go to (10,000) 2011 0.028 0.065 ring material.	0.036 0.036 0.143 0.029 0.109 0.8D recycl 2012 0.028 0.066	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.192 0.039 0.146 0.028 0.066	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.053 0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.055 0.055 0.216 0.044 0.165 0.065 0.023 0.054 2020 /A N	0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.206 0.042 0.157 0.157 2024 0.025 0.057
Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  Total MSW and C&l residue sent to hazardous landfill convery capacity)  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  2004  2005  2006  2006  2007  2008  2009  2010  2010  2011  2011  2012  2013  2014  2015  2016  2010  20	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to incin-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) C&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on exempt sites ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  Total C&D reuse on inert and non-hazardous landfill  Total reused C&D on inert landfill  OCAD reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data so  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by	2005  0.021 0.021 0.083 0.017 0.063 0.016 1. In the or 1. 10	0.023 0.023 0.023 0.089 0.018 0.068 0.068 0.029 0.068 h sub-region 2006 0.029	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 unted for C&I	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065 D reuse as a 2009 //A N/	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 an engineer 2010 /A N	0.033 0.033 0.033 0.129 0.026 0.098 need to go to 6 2011 0.028 0.065 ring material. 2011 2011 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 precycl 0.028 0.066 2012 4 N.	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N//	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.053 0.210 0.043 0.160 0.024 0.057 2019 2019 2019 2019	0.055 0.055 0.055 0.216 0.044 0.165 2020 0.023 0.054 2020 /A N	0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056 VA N	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.052 0.042 0.042 0.157 2024 0.057
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total KNW and C&I residue sent to hazardous landfill  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  **TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  2005 2006 2007 2008 2009 210 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - CAB REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites sent to 'non-haz landfill')  (C&D reused on landfill sites sent to 'non-haz landfill')  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total MSW and C&I residue sent to hazardous landfill saturations' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes a	2005  0.021 0.021 0.083 0.017 0.063 0.016 1. In the or 1. 10	0.023 0.023 0.023 0.089 0.018 0.068 0.068 0.029 0.068 h sub-region 2006 0.029	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 unted for C&I	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50% 2009 0.028 0.065 D reuse as a 2009 //A N/	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 an engineer 2010 /A N	0.033 0.033 0.033 0.129 0.026 0.098 need to go to 6 2011 0.028 0.065 ring material. 2011 2011 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 precycl 0.028 0.066 2012 4 N.	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert	0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N//	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.053 0.210 0.043 0.160 0.024 0.057 2019 2019 2019 2019	0.055 0.055 0.055 0.216 0.044 0.165 2020 0.023 0.054 2020 /A N	0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056 VA N	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.052 0.052 0.042 0.042 0.157 2024 0.057
Total MSW and C&I residue sent to hazardous landfill 0.007 0.08 0.08 0.09 0.09 0.09 0.00 0.01 0.01 0.012 0.013 0.015 0.016 0.016 0.017 0.017 0.018 0.0	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) C&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill so to induded within the charts because it has been assumed that data so  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist inci	2005  0.021 0.021 0.083 0.017 0.063 0.017 0.063 19 19 19 2005 0.030 0.070 2005 0.030 0.070 2005 0.030 0.070	0.023 0.023 0.023 0.089 0.018 0.068 0.029 0.068 0.029 0.068 h sub-region 2006 0.029	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	0.026 0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 unted for C&I	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50%  2009 0.028 0.065 0.005 0.005	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 2010 2010 0.006	0.033 0.033 0.033 0.129 0.026 0.098 need to go to (1) 0.028 0.065 ring material. 2011 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 recycl 0.028 0.066 0.066	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert 2014 0.029 0.068 2014 A N/ 2014 0.009	0.047 0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070 2015 A N/	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N// 2016 0.010	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.063 2017 2017 0.010 0.010	0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/	0.053 0.053 0.210 0.043 0.160 0.160 0.024 0.057 2019 2019 0.024 N. N. N	0.055 0.055 0.056 0.216 0.044 0.165 0.023 0.023 0.054 0.024 0.023 0.054	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.055	0.054 0.054 0.043 0.161 0.043 0.161 0.024 0.056 0.024 0.056 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000	0.052 0.052 0.052 0.206 0.042 0.157 2024 0.057 2024 0.057
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  DTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lard DNA SCENARIO 5 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) C&D reused on landfill sites sent to 'non-haz landfill' O c&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill Total reused C&D on inert and non-hazardous landfill source on inert and non-hazardous landfill source on landfill sites sent to 'non-hazardous landfill source on landfill sites sent to 'non-hazardous landfill source on landfill sites sent to 'non-hazardous landfill source on landfill sent and non-hazardous landfill source on landfill sent to hazardous landfill source on landfill source on landfill source on landfill so	2005  0.021 0.021 0.083 0.017 0.063 0.017 0.063 19 19 19 2005 0.030 0.070 2005 0.030 0.070 2005 0.030 0.070	0.023 0.023 0.023 0.089 0.018 0.068 0.029 0.068 0.029 0.068 h sub-region 2006 0.029	0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	0.026 0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 unted for C&I	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50%  2009 0.028 0.065 0.005 0.005	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 2010 2010 0.006	0.033 0.033 0.033 0.129 0.026 0.098 need to go to (1) 0.028 0.065 ring material. 2011 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 recycl 0.028 0.066 0.066	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert 2014 0.029 0.068 2014 A N/ 2014 0.009	0.047 0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070 2015 A N/	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N// 2016 0.010	0.050 0.050 0.050 0.197 0.040 0.151 2017 0.063 2017 2017 0.010 0.010	0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/	0.053 0.053 0.210 0.043 0.160 0.160 0.024 0.057 2019 2019 0.024 N. N. N	0.055 0.055 0.056 0.216 0.044 0.165 0.023 0.023 0.054 0.024 0.023 0.054	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.055	0.054 0.054 0.043 0.161 0.043 0.161 0.024 0.056 0.024 0.056 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000	0.052 0.052 0.052 0.206 0.042 0.157 2024 0.057 2024 0.057
OTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  ORAD reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert and non-hazardous landfill and inert landfill'  ORAD reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is Dy 'Non-specia	2005  0.021 0.021 0.083 0.017 0.063 ddfill. In the or 2005 0.030 0.070 2005 0.030 0.070 2005 0.030 0.070 0.000	0.023 0.023 0.023 0.089 0.018 0.068 0.029 0.068 0.029 0.068 h sub-region 2006 0.029 0.068	0.024 0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	0.026 0.026 0.026 0.101 0.021 0.077 ns develope 2008 0.028 0.066 2008 U/A N/ 2008 0.005 0.000	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50%  2009 0.028 0.065 0.005 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 2010 2010 0.006 0.000	0.033 0.033 0.033 0.129 0.026 0.098 med to go to (1) 0.028 0.065 ring material. 2011 0.007 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 c.028 0.066 2012 2012 2012 0.000 0.000	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067 2013 0.008 0.008	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert 0.029 0.068 2014 A N/ 2014 0.009 0.000	0.047 0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070 2015 A N/ 2015 0.099 0.000	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N// 2016 0.010 0.000	0.050 0.050 0.050 0.197 0.040 0.151 0.151 2017 0.063 2017 2017 0.010 0.000 0.000	0.052 0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/.	0.053 0.053 0.210 0.043 0.160 0.044 0.057 0.024 0.057 2019 0.024 N.000 0.011	0.055 0.055 0.056 0.216 0.044 0.165 0.023 0.054 0.023 0.054 0.023 0.054 0.011 0.000 0.000	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.011 0.000 0.000	0.054 0.054 0.043 0.161 0.043 0.161 0.024 0.056 0.024 0.056 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000 0.000	0.052 0.052 0.052 0.206 0.042 0.157 2024 0.057 2024 0.010 0.000 0.000
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 4) C&D reused on landfill sites sent to 'non-haz landfill' 4) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 6) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-haz landfill' 8) C&D reused on landfill sites sent to 'non-haz landfill' 9) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent	2005  0.021 0.021 0.083 0.017 0.063 addill. In the or 2005 0.030 0.070 2005 0.030 0.070 2005 0.000 0.000 0.000	0.023 0.023 0.023 0.089 0.018 0.068 0.029 0.068 th sub-region 2006 0.029 0.068 0.029 0.068	0.024 0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	2008 0.026 0.101 0.021 0.077 uns develope  2008 0.028 0.028 0.066  2008 0.066 0.000 0.000 0.000	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50%  2009 0.028 0.065 0.005 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 2010 2010 0.006 0.000	0.033 0.033 0.033 0.129 0.026 0.098 med to go to (1) 0.028 0.065 ring material. 2011 0.007 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 c.028 0.066 2012 2012 2012 0.000 0.000	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067 2013 0.008 0.008	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert 0.029 0.068 2014 A N/ 2014 0.009 0.000	0.047 0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070 2015 A N/ 2015 0.099 0.000	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N// 2016 0.010 0.000	0.050 0.050 0.090 0.197 0.040 0.151 0.151 2017 0.063 2017 2017 0.010 0.000 0.000	0.052 0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/.	0.053 0.053 0.210 0.043 0.160 0.044 0.057 0.024 0.057 2019 0.024 N.000 0.011	0.055 0.055 0.056 0.216 0.044 0.165 0.023 0.054 0.023 0.054 0.023 0.054 0.011 0.000 0.000	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.011 0.000 0.000	0.054 0.054 0.043 0.161 0.043 0.161 0.024 0.056 0.024 0.056 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000 0.000	0.052 0.052 0.052 0.206 0.042 0.157 2024 0.057 2024 0.010 0.000 0.000
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) C&D reused on exempt sites  1 C&D reused on landfill sites sent to 'non-haz landfill'  1 C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill and incineration' landfill sites sent landfill'  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery by 'Non-specialist incineration' SECNARIO 4 - Assumes all recovery is by 'Mon-specialist incineration' dased on total recovery by 'Non-specialist incineration' SCENARIO 4 - Assumes all recovery is by 'M	2005  0.021 0.021 0.083 0.017 0.063 addill. In the or 2005 0.030 0.070 2005 0.030 0.070 2005 0.000 0.000 0.000	0.023 0.023 0.023 0.089 0.018 0.068 0.029 0.068 th sub-region 2006 0.029 0.068 0.029 0.068	0.024 0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	2008 0.026 0.101 0.021 0.077 uns develope  2008 0.028 0.028 0.066  2008 0.066 0.000 0.000 0.000	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50%  2009 0.028 0.065 0.005 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 2010 2010 0.006 0.000	0.033 0.033 0.033 0.129 0.026 0.098 med to go to (1) 0.028 0.065 ring material. 2011 0.007 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 c.028 0.066 2012 2012 2012 0.000 0.000	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067 2013 0.008 0.008	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert 0.029 0.068 2014 A N/ 2014 0.009 0.000	0.047 0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070 2015 A N/ 2015 0.099 0.000	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N// 2016 0.010 0.000	0.050 0.050 0.090 0.197 0.040 0.151 0.151 2017 0.063 2017 2017 0.010 0.000 0.000	0.052 0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/.	0.053 0.053 0.210 0.043 0.160 0.044 0.057 0.024 0.057 2019 0.024 N.000 0.011	0.055 0.055 0.056 0.216 0.044 0.165 0.023 0.054 0.023 0.054 0.023 0.054 0.011 0.000 0.000	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.011 0.000 0.000	0.054 0.054 0.043 0.161 0.043 0.161 0.024 0.056 0.024 0.056 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000 0.000	0.052 0.052 0.052 0.206 0.042 0.157 2024 0.057 2024 0.010 0.000 0.000
Total hazardous waste recycling and recovery residue sent to hazardous landfill N/A	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill ) C&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'WBT' (based on total recovery capacity)  Total MSW and C&I residue sent	2005 0.021 0.021 0.083 0.017 0.063 0.017 0.063 0.017 0.063 0.070 2005 0.030 0.070 0.004 0.000 0.000 0.007 0.007 0.007 0.007 0.007 0.007 0.007	0.023 0.023 0.023 0.089 0.018 0.068 0.029 0.068 th sub-region 2006 0.029 0.068 0.029 0.068	0.024 0.024 0.024 0.095 0.019 0.072 assumption 2007 0.029 0.067 h has accou	2008 0.026 0.101 0.021 0.077 uns develope  2008 0.028 0.028 0.066  2008 0.066 0.000 0.000 0.000	0.027 0.027 0.027 0.107 0.022 0.082 d MEL 50%  2009 0.028 0.065 0.005 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 was assun 2010 0.027 0.064 2010 2010 0.006 0.000	0.033 0.033 0.033 0.129 0.026 0.098 med to go to (1) 0.028 0.065 ring material. 2011 0.007 0.007	0.036 0.036 0.143 0.029 0.109 0.109 0.28 c.028 0.066 2012 2012 2012 0.000 0.000	0.040 0.040 0.040 0.158 0.032 0.120 ing, rather th 2013 0.029 0.067 2013 0.008 0.008	0.044 0.044 0.044 0.172 0.035 0.131 nan to inert 0.029 0.068 2014 A N/ 2014 0.009 0.000	0.047 0.047 0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070 2015 A N/ 2015 0.099 0.000	0.049 0.049 0.049 0.192 0.039 0.146 0.028 0.066 2016 A N// 2016 0.010 0.000	0.050 0.050 0.090 0.197 0.040 0.151 0.151 2017 0.063 2017 2017 0.010 0.000 0.000	0.052 0.052 0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/.	0.053 0.053 0.210 0.043 0.160 0.044 0.057 0.024 0.057 2019 0.024 N.000 0.011	0.055 0.055 0.056 0.216 0.044 0.165 0.023 0.054 0.023 0.054 0.023 0.054 0.011 0.000 0.000	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.011 0.000 0.000	0.054 0.054 0.043 0.161 0.043 0.161 0.024 0.056 0.024 0.056 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000 0.000	0.052 0.052 0.052 0.206 0.042 0.157 2024 0.057 2024 0.010 0.000 0.000

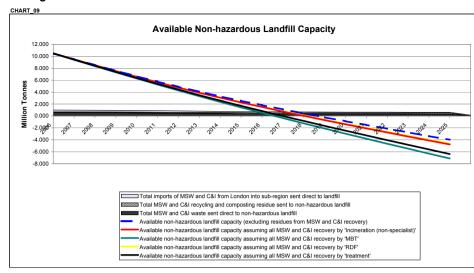




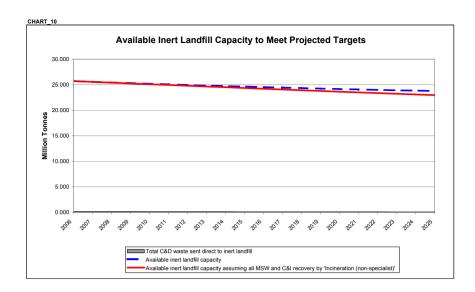
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









#### SUMMARY DATA AND RESULTS FOR EAST SUSSEX

	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
sw sw - import:	s from london that are sent direct to non-hazardous landfill		0.419 0.073	0.429 0.071	0.440 0.069	0.451 0.067	0.462 0.065	0.472 0.061	0.481 0.058	0.491 0.054	0.500 0.051	0.510 0.047	0.518 0.045	0.526 0.043	0.534 0.041	0.542 0.039	0.550 0.037	0.558 0.036	0.567 0.036	0.575 0.035	0.584 0.034
d Limporto	from london that are sent direct to non-hazardous landfill		0.414	0.424	0.435 0.068	0.445 0.066	0.457 0.064	0.466 0.061	0.475 0.057	0.485 0.054	0.494	0.504 0.046	0.512 0.044	0.519 0.042	0.527 0.041	0.535	0.543 0.037	0.548 0.036	0.554 0.035	0.559 0.034	0.565
id - imports	nom london that are sent direct to non-nazardous fandilli		0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370
zardous			0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033
ASTE STR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW	LATS shortfall (how much extra is landfilled above LATS target)		0.054	0.052	0.050	0.049	0.049	0.049	0.049	0.048	0.038	0.028	0.026	0.024	0.021	0.019	0.016	0.016	0.016	0.017	0.017
	Recycling and composting target		0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313 0.159	0.323	0.334	0.345	0.356
	Recovery target Non-hazardous landfill		0.036	0.043	0.051	0.059	0.067	0.060	0.094	0.108	0.120	0.132	0.137	0.142	0.146	0.154	0.159	0.157	0.155	0.152	0.150
i	Recycling and composting target		0.174	0.187	0.200	0.214	0.228	0.238	0.247	0.257	0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362
	Recovery target		0.059	0.061	0.063	0.066	0.068	0.075	0.081	0.087	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110
	Non-hazardous landfill Recycling target		0.181	0.176	0.171	0.166	0.160	0.154	0.147	0.141	0.133	0.126	0.122	0.117	0.113	0.108	0.103	0.101	0.099	0.096	0.094
1	Recovery target		0.170	0.174	0.176	0.101	0.105	0.105	0.105	0.105	0.165	0.105	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.108	0.222
	Inert landfill		0.069	0.067	0.066	0.064	0.063	0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038
ardous	Hazardous waste		0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033
STING/PI	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n  ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSE.				is recycled/	composted	and recover	ed at the sa	ime ratio as	tne regiona	i targets for	recycling/co	mposting a	na recovery	for that ye	ar.					
N and CR	. I recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
r anu Co	in recovery Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		0.307 0.212	0.307 0.203	0.307 0.193	0.307 0.182	0.307 0.172	0.307 0.152	0.307 0.132	0.307 0.111	0.307 0.093	0.307 0.074	0.307 0.067	0.307 0.059	0.307 0.050	0.307 0.042	0.307 0.034	0.307 0.037	0.307 0.040	0.307 0.044	0.307 0.048
and C8	I recycling and composting		0.055	0.055	0.055	0.055	0.055	0.055	0.050	0.055	0.050	0.050	0.050	0.050	0.055	0.055	0.05-	0.055	0.055	0.055	0.05-
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.359	0.359	0.359	0.359	0.359 0.112	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.112	-0.015	-0.039	-0.064	-0.092	-0.112	-0.135	-0.112	-0.174	-0.192	-0.209	-0.226	-0.244	-0.262	-0.280	-0.299	-0.318	-0.338	-0.359
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.240	-0.262	-0.286	-0.311	-0.339	-0.360	-0.382	-0.404	-0.421	-0.439	-0.456	-0.473	-0.491	-0.508	-0.527	-0.546	-0.565	-0.585	-0.606
recyclin			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		0.000 -0.170	0.000 -0.174	0.000 -0.178	0.000 -0.181	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.192	0.000 -0.200	0.000 -0.207	0.000 -0.215	0.000 -0.222	0.000 -0.222	0.000 -0.222	0.000 -0.222	0.000 -0.222
ecover			0.170	0.171	0.110	0.101	0.100	0.100	0.100	0.100	0.100	0.100	0.102	0.200	0.201	0.210	U.LLL	U.LLL	U.LLL	U.LLL	U.LLL
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.663	1.582	1.500	1.419	1.338	1.315	1.292	1.269	1.246	1.223	1.197	1.172	1.147	1.121	1.096	1.115	1.135	1.154	1.173
dous w	aste recycling Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
dous w	aste recovery																				
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
azardo	us landfill		IN/A	IN/A	INA	IWA	IN/A	IN/A	IWA	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IVA	IN/A	IN/A	IN/A	IN/A	IN/A
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.825	0.226	-0.363	-0.940	-1.503	-2.051	-2.573	-3.067	-3.534	-3.980	-4.405	-4.820	-5.225	-5.619	-6.002	-6.375	-6.747	-7.117	-7.487
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.825 0.825	0.211	-0.393 -0.480	-0.987 -1.124	-1.568 -1.761	-2.137 -2.389	-2.682 -3.002	-3.203 -3.600	-3.699 -4.182	-4.177 -4.754	-4.637 -5.316	-5.088 -5.873	-5.530 -6.424	-5.962 -6.970	-6.386 -7.510	-6.799 -8.044	-7.211 -8.575	-7.622 -9.103	-8.031 -9.628
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.825	0.170	-0.480	-0.977	-1.761	-2.369 -2.120	-2.660	-3.176	-3.666	-4.138	-5.516 -4.591	-5.034	-5.469	-5.894	-6.309	-6.714	-0.575 -7.119	-9.103 -7.521	-9.026 -7.922
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.825	0.183	-0.452	-1.080	-1.700	-2.309	-2.900	-3.473	-4.028	-4.571	-5.100	-5.623	-6.140	-6.649	-7.152	-7.648	-8.141	-8.632	-9.120
landfill																					
	Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.069 -0.083	-0.136 -0.166	-0.202 -0.249	-0.266 -0.332	-0.329 -0.415	-0.390 -0.499	-0.448 -0.584	-0.505 -0.669	-0.559 -0.756	-0.611 -0.842	-0.661 -0.929	-0.710 -1.015	-0.757 -1.100	-0.803 -1.186	-0.847 -1.272	-0.890 -1.355	-0.932 -1.436	-0.972 -1.516
ırdous la			0.000	-0.083	-0.166	-0.249	-0.332	-0.415	-0.499	-0.584	-0.669	-0.756	-0.842	-0.929	-1.015	-1.100	-1.186	-1.2/2	-1.355	-1.436	-1.516
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																				
	) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1	) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	106% 0.409	109% 0.419	111% 0.429	114% 0.440	117% 0.451	120% 0.462	122% 0.472	125% 0.481	127% 0.491	130% 0.500	133% 0.510	135% 0.518	137% 0.526	139% 0.534	141% 0.542	143% 0.550	145% 0.558	147% 0.567	149% 0.575	152% 0.584
(1	Forecast sub-regional growth rate of MSW - per year (%)	2.0%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.481	0.491	0.5%	0.510	0.516	0.520	0.534	0.542	0.5%	0.538	0.507	0.575	0.584
	Forecast sub-regional level growth rate of MSW - cumulative (%)	104%	106%	107%	108%	109%	110%	112%	112%	113%	113%	114%	114%	115%	115%	116%	117%	117%	118%	118%	119%
	Total arisings of MSW using sub-regional growth forecasts	0.401	0.409	0.413	0.417	0.421	0.425	0.430	0.432	0.434	0.436	0.438	0.440	0.443	0.445	0.447	0.449	0.452	0.454	0.456	0.458
/1	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	) Forecast regional level growth rate of C&I - cumulative (%)	114%	117%	119%	122%	126%	129%	131%	134%	137%	139%	142%	144%	146%	149%	151%	153%	155%	156%	158%	159%
(-	Total arisings of C&I using regional growth forecasts	0.404	0.414	0.424	0.435	0.445	0.457	0.466	0.475	0.485	0.494	0.504	0.512	0.519	0.527	0.535	0.543	0.548	0.554	0.559	0.565
/1	Forecast sub-regional level growth rate of C&I - per year (%)	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%
	) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts	103% 0.365	104% 0.367	104% 0.370	105% 0.373	106% 0.375	106% 0.378	107% 0.380	108% 0.383	109% 0.386	109% 0.388	110% 0.391	111% 0.394	112% 0.397	113% 0.399	113% 0.402	114% 0.405	115% 0.408	116% 0.411	117% 0.414	117% 0.417
		0.300	0.307	0.370	0.373	0.375	0.378	0.360	0.303	U.300	U.300	0.391	0.394	0.397	0.399	0.402	0.405	0.408	0.411	0.414	0.417
(1	Arisings of hazardous waste in baseline year	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(1 dous	Arisings of hazardous waste in baseline year ) Forecast regional level growth rate of hazardous waste - per year (%)				115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%
(1 dous	Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%									0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033
rdous (2	) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	107% 0.023	0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029				0.70/					
rdous (2	Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%)	107% 0.023 0.7%	0.024 0.7%	0.025	0.025	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7% 112%	0.7%	0.7%	0.7%	0.7%	0.7% 116%
rdous (2	) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	107% 0.023	0.024	0.025	0.025											0.7% 112% 0.024					0.7% 116% 0.025
rdous (2	Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year	107% 0.023 0.7% 101% 0.022	0.024 0.7% 102% 0.022	0.025 0.7% 103% 0.023	0.025 0.7% 104% 0.023	0.7% 104% 0.023	0.7% 105% 0.023	0.7% 106% 0.023	0.7% 106% 0.023	0.7% 107% 0.023	0.7% 108% 0.024	0.7% 109% 0.024	0.7% 109% 0.024	0.7% 110% 0.024	0.7% 111% 0.024	112% 0.024	0.7% 113% 0.025	0.7% 113% 0.025	0.7% 114% 0.025	0.7% 115% 0.025	116% 0.025
rdous (2	Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste	107% 0.023 0.7% 101%	0.024 0.7% 102%	0.025 0.7% 103%	0.025 0.7% 104%	0.7% 104%	0.7% 105%	0.7% 106%	0.7% 106%	0.7% 107%	0.7% 108%	0.7% 109%	0.7% 109%	0.7% 110%	0.7% 111%	112%	0.7% 113%	0.7% 113%	0.7% 114%	0.7% 115%	116%

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

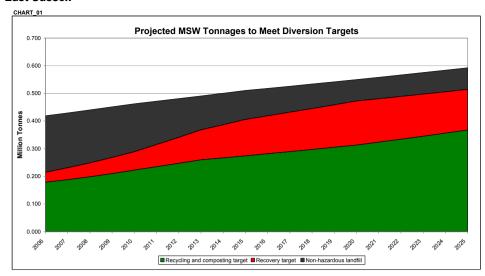
NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

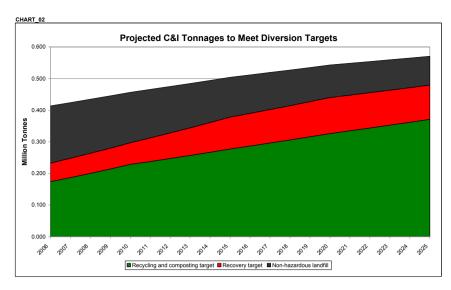
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

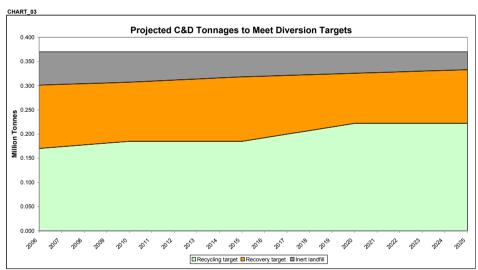
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	51%	51%	51%	51%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.074	0.073	0.071	0.069	0.067	0.065	0.061	0.058	0.054	0.051	0.047	0.045	0.043	0.041	0.039	0.037	0.036	0.036	0.035	0.034	0.033
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	52%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	52%	52%	52%	52%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.077	0.076	0.074	0.072	0.070	0.069	0.065	0.061	0.057	0.053	0.049	0.047	0.045	0.043	0.041	0.039	0.038	0.037	0.036	0.035	0.034
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	49%	49%	49%	49%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.054	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.034	0.033	0.032
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	48%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	48%	48%	48%	48%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.070	0.068	0.066	0.065	0.063	0.061	0.057	0.054	0.051	0.047	0.044	0.042	0.040	0.039	0.037	0.035	0.034	0.034	0.033	0.032	0.031

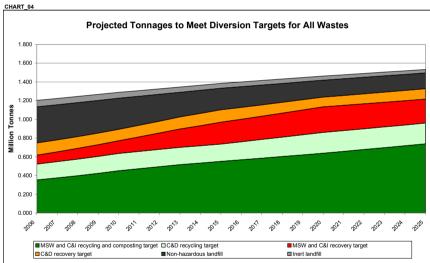
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the SEERA Plan. http://www.southeast-ra.gov.uk/southeast-ra.gov.uk/southeast-plan/march\_2006/core\_document/009\_seera\_sep\_d06.pdf
Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was solit according to tonnage arisings of MSW and C&I in the sub-region.

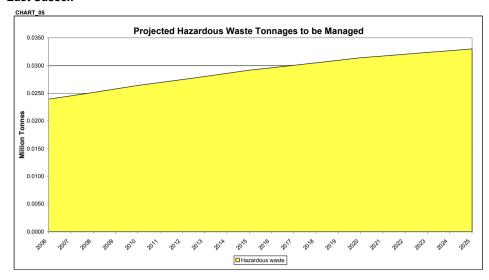
	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
SW impo	to from landan that are part direct to non hazardous landfill	0.409 0.074	0.419 0.073	0.429 0.071	0.440 0.069	0.451 0.067	0.462 0.065	0.472 0.061	0.481 0.058	0.491 0.054	0.500 0.051	0.510 0.047	0.518 0.045	0.526 0.043	0.534 0.041	0.542 0.039	0.550 0.037	0.558 0.036	0.567 0.036	0.575 0.035	0.584 0.034	0.59
i - Impo	ts from london that are sent direct to non-hazardous landfill	0.074	0.073	0.071	0.069	0.067	0.065	0.466	0.056	0.054	0.051	0.504	0.045	0.043	0.527	0.039	0.037	0.036	0.036	0.035	0.034	0.0
	from london that are sent direct to non-hazardous landfill	0.404	0.414	0.424	0.433	0.066	0.457	0.460	0.475	0.465	0.494	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.034	0.003	0.0
I	North British Bulk die Sont Greek to North Nazardodo Bardini	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.3
ardous		0.023	0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0.03
	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	1) landfill (Mt)	0.124	0.122	0.118	0.114	0.109	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.04
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	0.0
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	
	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	
	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0 N/A	
dous	landfill (%) recovered (%)	N/A N/A	7																			
	recycled (%)	N/A	N																			
	1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
_05:	VASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Total MSW to be recovered and recycled/composted to meet target	0.143	0.161	0.179	0.199	0.219	0.240	0.266	0.292	0.320	0.348	0.378	0.393	0.408	0.424	0.440	0.456	0.464	0.472	0.481	0.489	0.4
	Total MSW not-diverted by targets	0.266	0.258	0.250	0.241	0.232	0.222	0.206	0.189	0.171	0.152	0.133	0.125	0.118	0.110	0.102	0.093	0.094	0.094	0.094	0.095	0.0
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	
	Total BMW not-diverted by targets  LATS shortfall (how much extra is landfilled above LATS target)	0.181 0.057	0.175 0.054	0.170 0.052	0.164 0.050	0.158 0.049	0.151 0.049	0.140 0.049	0.128 0.049	0.116 0.048	0.103 0.038	0.090 0.028	0.085 0.026	0.080 0.024	0.075 0.021	0.069	0.064 0.016	0.064	0.064 0.016	0.064 0.017	0.064 0.017	0.0
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	2
	Extra MSW 'recovery' needed due to LATS shortfall	0.008	0.009	0.010	0.010	0.011	0.011	0.013	0.014	0.014	0.012	0.009	0.009	0.008	0.007	0.006	0.005	0.005	0.005	0.005	0.005	0.0
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.049	0.045	0.042	0.040	0.038	0.038	0.037	0.035	0.034	0.026	0.019	0.018	0.016	0.014	0.012	0.011	0.011	0.011	0.011	0.012	0.0
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
	Recycling and composting target	0.171	0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313	0.323	0.334	0.345	0.356	0.3
	Recovery target	0.029	0.036	0.043	0.051	0.059	0.067	0.080	0.094	0.108	0.120	0.132	0.137	0.142	0.148	0.154	0.159	0.157	0.155	0.152	0.150	0.1
	Non-hazardous landfill CHECK COUNTER (should be zero)	0.209 0.000	0.204	0.198 0.000	0.191 0.000	0.183	0.173 0.000	0.156 0.000	0.140	0.123	0.114	0.105	0.099	0.094	0.089	0.083	0.077	0.078	0.078	0.078	0.078	0.0
	CITECK COUNTER (slibble de Zelo)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	0.3
	Recycling and composting target	0.161 0.056	0.174 0.059	0.187 0.061	0.200 0.063	0.214 0.066	0.228 0.068	0.238 0.075	0.247 0.081	0.257 0.087	0.267 0.094	0.277 0.101	0.287	0.296 0.106	0.306 0.109	0.316 0.111	0.326 0.114	0.335 0.113	0.343 0.112	0.352 0.111	0.362 0.110	0.3
	Recovery target Non-hazardous landfill	0.056	0.059	0.061	0.063	0.166	0.066	0.075	0.061	0.067	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110	0.0
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	0.0
	Describes beaut	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
	Recycling target	0.167 0.133	0.170 0.131	0.174 0.129	0.178 0.127	0.181 0.124	0.185 0.122	0.185 0.124	0.185 0.127	0.185 0.129	0.185 0.131	0.185 0.133	0.192 0.127	0.200 0.121	0.207 0.115	0.215 0.110	0.222 0.104	0.222 0.105	0.222 0.107	0.222 0.108	0.222 0.110	0.2
	Recovery target Inert landfill	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.1
	CHECK COUNTER (should be zero)	0.000	0.009	0.000	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.049	0.000	0.000	0.000	0.000	0.000	0.040	0.000	0.0
dous	Hazardous waste	2005 0.023	2006 0.024	2007 0.025	2008 0.025	2009 0.026	2010 0.026	2011 0.027	2012 0.027	2013 0.028	2014 0.029	2015 0.029	2016 0.030	2017 0.030	2018 0.030	2019 0.031	2020 0.031	2021 0.032	2022 0.032	2023 0.032	0.033	0.03
Δ 06-	OTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20:
00:	MSW and C&I recycling and composting target	0.333	0.353	0.374	0.398	0.424	0.451	0.472	0.494	0.516	0.534	0.551	0.568	0.585	0.603	0.621	0.639	0.658	0.678	0.697	0.718	0.7
	C&D recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.2
	MSW and C&I recovery target	0.085	0.095	0.104	0.114	0.124	0.135	0.155	0.175	0.196	0.214	0.232	0.240	0.248	0.257	0.265	0.273	0.270	0.267	0.263	0.259	0.2
	C&D recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.1
	Non-hazardous landfill	0.394	0.385	0.375	0.362	0.348	0.333	0.310	0.287	0.263	0.247	0.231	0.221	0.211	0.201	0.191	0.181	0.178	0.176	0.174	0.172	0.1
	Inert landfill Hazardous waste	0.070 0.023	0.069 0.024	0.067 0.025	0.066 0.025	0.064 0.026	0.063 0.026	0.061 0.027	0.058 0.027	0.056 0.028	0.054 0.029	0.052	0.050	0.049	0.047 0.030	0.046 0.031	0.044	0.043	0.041 0.032	0.040 0.032	0.038	0.03









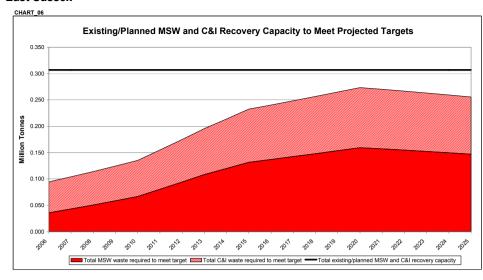


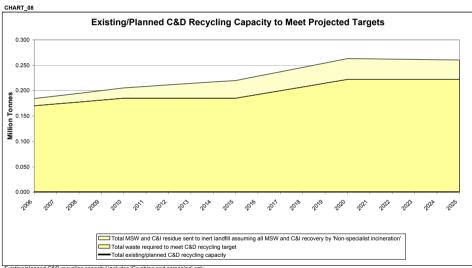
3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

Existing Exists of Activities to the Control of the	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010		LULI		LULU	LULI	
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306	0.306
Total existing/planned MSW and C&I recovery capacity	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307
Total MSW waste required to meet target	0.029	0.036	0.043	0.051	0.059	0.067	0.080	0.094	0.108	0.120	0.132	0.137	0.142	0.148	0.154	0.159	0.157	0.155	0.152	0.150	0.147
Total C&I waste required to meet target	0.056	0.059	0.061	0.063	0.066	0.068	0.075	0.081	0.087	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110	0.108
Surplus/deficit capacity	0.222	0.212	0.203	0.193	0.182	0.172	0.152	0.132	0.111	0.093	0.074	0.067	0.059	0.050	0.042	0.034	0.037	0.040	0.044	0.048	0.051
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646	1.646
Total existing/planned MSW and C&I composting capacity	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.359
Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112	0.112
Total MSW waste required to meet recycling and composting target	0.171	0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313	0.323	0.334	0.345	0.356	0.368
Total C&I waste required to meet recycling and composting target	0.161	0.174	0.187	0.200	0.214	0.228	0.238	0.247	0.257	0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362	0.371
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.026	0.007	-0.015	-0.039	-0.064	-0.092	-0.113	-0.135	-0.157	-0.174	-0.192	-0.209	-0.226	-0.244	-0.262	-0.280	-0.299	-0.318	-0.338	-0.359	-0.379
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.220	-0.240	-0.262	-0.286	-0.311	-0.339	-0.360	-0.382	-0.404	-0.421	-0.439	-0.456	-0.473	-0.491	-0.508	-0.527	-0.546	-0.565	-0.585	-0.606	-0.626
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.222
Surplus/deficit capacity	-0.167	-0.170	-0.174	-0.178	-0.181	-0.185	-0.185	-0.185	-0.185	-0.185	-0.185	-0.192	-0.200	-0.207	-0.215	-0.222	-0.222	-0.222	-0.222	-0.222	-0.222
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1 460	1.439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.111
Surplus/deficit capacity	1.744	1.663	1.582	1.500	1 419	1.338	1.315	1.292	1.269	1.246	1.223	1.197	1.172	1.147	1.121	1.096	1.115	1.135	1.154	1.173	1.193
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.825	0.226	-0.363	-0.940	-1.503	-2.051	-2.573	-3.067	-3.534	-3.980	-4.405	-4.820	-5.225	-5.619	-6.002	-6.375	-6.747	-7.117	-7.487	-7.856
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.825	0.211	-0.393	-0.987	-1.568	-2.137	-2.682	-3.203	-3.699	-4.177	-4.637	-5.088	-5.530	-5.962	-6.386	-6.799	-7.211	-7.622	-8.031	-8.439
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.825	0.170	-0.480	-1.124	-1.761	-2.389	-3.002	-3.600	-4.182	-4.754	-5.316	-5.873	-6.424	-6.970	-7.510	-8.044	-8.575	-9.103	-9.628	-10.149
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.825	0.214	-0.387	-0.977	-1.555	-2.120	-2.660	-3.176	-3.666	-4.138	-4.591	-5.034	-5 469	-5.894	-6.309	-6.714	-7.119	-7.521	-7.922	-8.322
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.825	0.183	-0.452	-1.080	-1.700	-2.309	-2.900	-3.473	-4.028	-4.571	-5.100	-5.623	-6.140	-6.649	-7.152	-7.648	-8.141	-8.632	-9.120	-9.605
Total MSW and C&I waste sent direct to non-hazardous landfill		0.385	0.375	0.362	0.348	0.333	0.310	0.287	0.263	0.247	0.231	0.221	0.211	0.201	0.191	0.181	0.178	0.176	0.174	0.172	0.169
Inert landfill																					
Available inert landfill capacity		0.000	-0.069	-0.136	-0.202	-0.266	-0.329	-0.390	-0.448	-0.505	-0.559	-0.611	-0.661	-0.710	-0.757	-0.803	-0.847	-0.890	-0.932	-0.972	-1.010
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.083	-0.166	-0.249	-0.332	-0.415	-0.499	-0.584	-0.669	-0.756	-0.842	-0.929	-1.015	-1.100	-1.186	-1.272	-1.355	-1.436	-1.516	-1.593
Total C&D waste sent direct to inert landfill	0.070	0.069	0.067	0.066	0.064	0.063	0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038	0.037
Hazardous landfill	0.070	0.000	0.007	0.000	0.001	0.000	0.001	0.000	0.000	0.001	0.002	0.000	0.010	0.011	0.010	0.011	0.010	0.011	0.010	0.000	0.001
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill			I/A N				I/A N			I/A N			I/A N								I/A
Other		"		"				"										"			
Metal/ELV facility	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Indicated Indica	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Ignoreu Closed	0.002	0.000	0.002	0.002	0.002	0.002	0.032	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.000	0.002	0.032	0.002
Olosed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

RESIDUE RATES (%)  Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT MSW and C&I to RDF	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)	15	45	45	45	45	15	45	15	45	15	15	15	45	45	45	45	45	15	45	45
MSW and C&I recycling MSW and C&I transfer	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																				
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored Closed	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
					IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	INA	N/A	IN/A	N/A	IN/A	IN/A	N/A	IN/A	IVA	IN/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	the self-suffic	ciency requir	ements of F	PS10.																
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):																				
MSW and C&I incineration (non-specialist) - bottom ash	0.026	0.028	0.031	0.034	0.037	0.041	0.046	0.053	0.059	0.064	0.070	0.072	0.075	0.077	0.079	0.082	0.081	0.080	0.079	0.078
MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	0.003 0.050	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006 0.115	0.006 0.126	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008
MSW and C&I to MBT	0.050	0.056	0.061	0.067	0.073	0.080	0.091	0.103	0.115	0.126	0.137	0.142	0.147	0.151	0.156	0.161	0.159	0.157	0.155	0.153
MSW and C&I treatment - non-hazardous	0.010	0.011	0.012	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.026	0.029	0.030	0.031	0.032	0.033	0.032	0.032	0.032	0.031
MSW and C&I treatment - hazardous	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.030	0.012	0.012	0.012	0.013	0.013	0.014	0.014	0.013	0.013	0.013
Hazardous waste recovery		/A N															I/A N		I/A N	
Recycling residues (of waste managed):																				
MSW and C&I recycling and composting	0.050 0.017	0.053	0.056 0.017	0.060	0.064	0.068	0.071 0.019	0.074 0.019	0.077 0.019	0.080 0.019	0.083 0.019	0.085 0.019	0.088	0.090 0.021	0.093	0.096 0.022	0.099 0.022	0.102 0.022	0.105 0.022	0.108 0.022
C&D recycling Hazardous waste recycling		/A N																	0.022 I/A N	
Hazardous waste recycling	IN/A IN	/A IN	A IN	A 19//	A IN	A IN	A 19/A	1 19/	A IN	A 18/	A 19/	F1 11//	- 1W	A IN/	- 11	/A IN	UPA IN	/A IN	UPA IN	A IN
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.067	0.070	0.074	0.077	0.082	0.086	0.089	0.093	0.096	0.099	0.101	0.104	0.108	0.111	0.115	0.118	0.121	0.124	0.127	0.130
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million		2006	2007	2000	2000	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2024	2022	2022	2024
	Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 0.041	2021 0.041	2022 0.040	2023 0.039	0.039
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005																			
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.013 0.013	0.014 0.014	0.016 0.016	0.017 0.017	0.019 0.019	0.020 0.020	0.023 0.023	0.026 0.026	0.029 0.029	0.032 0.032	0.035 0.035	0.036 0.036	0.037 0.037	0.038 0.038	0.040 0.040	0.041 0.041	0.041 0.041	0.040 0.040	0.039 0.039	0.039 0.039
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.013	0.014	0.016	0.017	0.019	0.020	0.023	0.026	0.029	0.032	0.035	0.036	0.037	0.038	0.040	0.041	0.041	0.040	0.039	0.039
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and c&I residue sent to inert landfill assuming all MSW and c&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.013 0.013 0.050	0.014 0.014 0.056	0.016 0.016 0.061	0.017 0.017 0.067	0.019 0.019 0.073	0.020 0.020 0.080	0.023 0.023 0.091	0.026 0.026 0.103	0.029 0.029 0.115	0.032 0.032 0.126	0.035 0.035 0.137	0.036 0.036 0.142	0.037 0.037 0.147	0.038 0.038 0.151	0.040 0.040 0.156	0.041 0.041 0.161	0.041 0.041 0.159	0.040 0.040 0.157	0.039 0.039 0.155	0.039 0.039 0.153
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfili assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.013 0.013	0.014 0.014	0.016 0.016	0.017 0.017	0.019 0.019	0.020 0.020	0.023 0.023	0.026 0.026	0.029 0.029	0.032 0.032	0.035 0.035	0.036 0.036	0.037 0.037	0.038 0.038	0.040 0.040	0.041 0.041	0.041 0.041	0.040 0.040	0.039 0.039	0.039 0.039
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and c&I residue sent to inert landfill assuming all MSW and c&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.013 0.013 0.050	0.014 0.014 0.056	0.016 0.016 0.061	0.017 0.017 0.067	0.019 0.019 0.073	0.020 0.020 0.080	0.023 0.023 0.091	0.026 0.026 0.103	0.029 0.029 0.115	0.032 0.032 0.126	0.035 0.035 0.137	0.036 0.036 0.142	0.037 0.037 0.147	0.038 0.038 0.151	0.040 0.040 0.156	0.041 0.041 0.161	0.041 0.041 0.159	0.040 0.040 0.157	0.039 0.039 0.155	0.039 0.039 0.153
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.013 0.013 0.050 0.010 0.038	0.014 0.014 0.056 0.011 0.043	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to linert landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to linert landfill	0.013 0.013 0.050 0.010 0.038	0.014 0.014 0.056 0.011 0.043	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lant TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 4 - Assumes all recovery is by 'teatment' (based on total recovery capacity) (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill and 50	2005  0.013 0.013 0.050  0.010  0.038  dfill. In the or	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lant  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 39 % 61 % 30 %	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lant TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005  0.013 0.013 0.050  0.010  0.038  dfill. In the or	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incent hadful assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 3 - Assumes all recovery is by 'Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (SAD reused on landfill sites sent to 'non-haz landfill') 1) It was assumed that sent to 'non-haz landfill'	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 61 % 30 % 70 %	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047 assumptior	0.017 0.017 0.067 0.014 0.051 as developed	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061 was assum	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to incent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'ROP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'ROP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  ) C&D reused on landfill sites  ( C&D reused on landfill sites sent to 'non-haz landfill' ) ( C&D reused on landfill sites sent to 'non-haz landfill' ) ( C&D reused on landfill sites sent to 'non-haz landfill'	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 39 % 61 % 30 %	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047 assumption	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I recive sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill'	2005  0.013 0.013  0.050  0.010  0.038  dfill. In the or 61 % 30 % 70 % 2005	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047 assumptior	0.017 0.017 0.067 0.014 0.051 as developed	0.019 0.019 0.073 0.015 0.056 d MEL 50%	0.020 0.020 0.080 0.016 0.061 was assurr	0.023 0.023 0.091 0.091 0.019 0.070 eled to go to C	0.026 0.026 0.103 0.021 0.079 C&D recycli	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to incent hadfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill	2005  0.013 0.013 0.050  0.010  0.038  dfill. In the or 39 % 61 % 30 % 70 %	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.012 0.047 assumption	0.017 0.017 0.067 0.014 0.051 us developed	0.019 0.019 0.073 0.015 0.056 1 MEL 50%	0.020 0.020 0.080 0.016 0.061 was assur	0.023 0.023 0.091 0.091 0.070 0.070 eled to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycli	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lant TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on inadfill istes sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 61 % 39 % 70 % 2005 0.016 0.036	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.061 0.062 0.047 assumption 2007 0.015 0.035	0.017 0.017 0.067 0.014 0.051 0.051 0.051 0.015 0.015	0.019 0.019 0.073 0.015 0.056 1 MEL 50% 2009 0.014 0.034	0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033	0.023 0.023 0.091 0.019 0.070 0.070 ued to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycli	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incent and ill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on on on on on on one one of the control of the control one	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or 139 % 2005 0.016 0.036	0.014 0.014 0.056 0.011 0.043 iginal model 0.05 0.05 0.05 0.015 0.036	0.016 0.016 0.016 0.012 0.047 assumption 2007 0.015 0.035	0.017 0.017 0.067 0.014 0.051 0.051 as developed	0.019 0.019 0.073 0.015 0.056 d MEL 50% 2009 0.014 0.034	0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033	0.023 0.023 0.091 0.019 0.070 0.070 eved to go to C	0.026 0.026 0.103 0.021 0.079 C&D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incin-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Hostment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Hostment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) C&D reused on landfill sites 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 61 % 30 % 70 % 2005 0.016 0.036	0.014 0.014 0.056 0.011 0.043 iginal model	0.016 0.016 0.016 0.061 0.012 0.047 assumption 2007 0.015 0.035	0.017 0.017 0.067 0.014 0.051 as developed	0.019 0.019 0.073 0.015 0.056 0.056 d MEL 50%  2009 0.014 0.034 D reuse as a	0.020 0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 an engineer	0.023 0.023 0.091 0.019 0.070 0.070 ued to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 0.105 dandfi	0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to ineri hadful assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Robr' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land 0/NNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to 'non-haz landfill' 4) C&D reused on landfill sites sent to 'non-haz landfill' 4) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 6) C&D reused on landfill sites sent to 'non-haz landfill' 7) C&D reused on landfill sites sent to 'non-h	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 61 % 30 % 70 % 2005 0.016 0.036	0.014 0.014 0.0156 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 h sub-regior	0.016 0.016 0.016 0.061 0.012 0.047 assumption 2007 0.015 0.035	0.017 0.017 0.067 0.014 0.051 as developed	0.019 0.019 0.073 0.015 0.056 0.056 d MEL 50%  2009 0.014 0.034 D reuse as a	0.020 0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033 an engineer	0.023 0.023 0.091 0.019 0.070 eed to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 0.8D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122 0.122	0.040 0.040 0.157 0.032 0.120 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Robr' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by 'Robr' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Robr' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 7 - Assumes all recovery is by 'Robr' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on inert landfill Total reused C&D on inert landfill Total reused C&D on inert landfill Total reused C&D on inert landfill inert landfill to the charts because it has been assumed that data su OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 0.013 0.013 0.050 0.010 0.038 dfill. In the or 61 % 30 % 70 % 2005 0.016 0.036	0.014 0.014 0.056 0.011 0.043 iginal model 0.015 0.036 h sub-regior	0.016 0.016 0.016 0.061 0.012 0.047 assumption 2007 0.015 0.035	0.017 0.017 0.067 0.014 0.051 as developed	0.019 0.019 0.073 0.015 0.056 0.056 d MEL 50%  2009 0.014 0.034 D reuse as a	0.020 0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 an engineer	0.023 0.023 0.091 0.019 0.070 eved to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 0.105 dandfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122 0.122	0.040 0.040 0.157 0.032 0.120 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to incin-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MEP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) (twas assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  () C&D reused on landfill sites sent to 'non-haz landfill' ) (c&D reused on landfill sites sent to 'non-haz landfill' ) (c&D reused on inadfill sites sent to 'non-hazardous landfill' ) (c&D reused rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill in not included within the charts because it has been assumed that data su  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by eac	0.014 0.014 0.056 0.011 0.043 iginal model 0.015 0.036 0.015 0.036	0.016 0.016 0.016 0.061 0.012 0.047 assumption  2007 0.015 0.035 1 has accou	0.017 0.017 0.067 0.014 0.051 as developed 0.015 0.034 1008 1008 1008 1008 1008 1008 1008 100	0.019 0.019 0.073 0.015 0.056 d MEL 50%  2009 0.014 0.034  O reuse as a 2009 A N/	0.020 0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033 an engineer 2010	0.023 0.023 0.091 0.019 0.070 eted to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th 2013 0.015 0.035	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.137 0.028 0.105 0.105 dandfi 2015 0.016 0.036	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115 0.115 2018 0.013 0.031	0.040 0.040 0.040 0.156 0.032 0.119 0.013 0.030	0.041 0.041 0.041 0.161 0.033 0.123 0.012 0.012 0.028	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.040 0.157 0.032 0.120 0.012 0.029	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill 2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land (SAD reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on landfill' 2) C&D reuse on landfill' 3) C&D reuse on landfill' 3) C&D reuse on landfill' 3) C&D reuse on landfill' 4) C&D reuse on landfill' 5) C&D reuse on landfill' 5) C&D reuse on lan	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or 39 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by eac	0.014 0.014 0.0156 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 h sub-regior	0.016 0.016 0.016 0.061 0.012 0.047 assumption 2007 0.015 0.035	0.017 0.017 0.067 0.014 0.051 as developed 2008 0.015 0.034 nted for C&E	0.019 0.019 0.073 0.015 0.056 0.056 dt MEL 50% 2009 0.014 0.034 0 reuse as a	0.020 0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033 an engineer	0.023 0.023 0.091 0.019 0.070 eed to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 0.8D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th	0.032 0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031	0.040 0.040 0.156 0.032 0.119 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123 0.123	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.157 0.032 0.120 0.120 2022 0.012 0.029	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reuse and on original model assumptions developed MEL 1) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su 1) OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) 2) SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration'	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by eac	0.014 0.014 0.056 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 h sub-regior 2006 /A N.	0.016 0.016 0.016 0.061 0.012 0.047 assumption 2007 0.015 0.035 n has accou	0.017 0.017 0.017 0.067 0.014 0.051 as developed 0.015 0.034 2008 (A N//	0.019 0.019 0.073 0.015 0.056 d MEL 50%  2009 0.014 0.034  D reuse as a 2009 A N/	0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033 an engineer 2010 A N.	0.023 0.023 0.091 0.019 0.070 eted to go to C	0.026 0.026 0.0026 0.103 0.021 0.079 0.079 0.015 0.034 2012 2012 0.005	0.029 0.029 0.0115 0.023 0.088 ing, rather th 2013 0.015 0.035	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.035 0.137 0.028 0.105 dandfi 2015 0.016 0.036	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035 2016 A N//	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 4 N/	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 2019 0.003 2019 2019 2019 0.008	0.041 0.041 0.041 0.161 0.033 0.123 2020 0.012 0.028 2020 0.008	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 /A N	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.043 0.029	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.030 2024 0.008
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to incent half ill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 5 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill in It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill in It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill in Connection of the sent to non-hazardous landfill in Colar reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reuse rates based on original model assumptions developed MEL.  NOTE: C&D reuse on inert landfill'  Total reused C&D on inert landfill'  Total MSW and C&I residue sent to absolute and the control of the charts because it has been assumed that data su 'OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumining all MSW and C&I recovery by 'Non-specialist inc	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by eac	0.014 0.014 0.056 0.011 0.043 iginal model 0.015 0.036 0.015 0.036	0.016 0.016 0.016 0.061 0.012 0.047 assumption  2007 0.015 0.035 1 has accou	0.017 0.017 0.067 0.014 0.051 as developed 0.015 0.034 1008 1008 1008 1008 1008 1008 1008 100	0.019 0.019 0.073 0.015 0.056 d MEL 50%  2009 0.014 0.034  O reuse as a 2009 A N/	0.020 0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033 an engineer 2010	0.023 0.023 0.091 0.019 0.070 eted to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycli 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather th 2013 0.015 0.035	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.137 0.028 0.105 0.105 dandfi 2015 0.016 0.036	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115 0.115 2018 0.013 0.031	0.040 0.040 0.040 0.156 0.032 0.119 0.013 0.030	0.041 0.041 0.041 0.161 0.033 0.123 0.012 0.012 0.028	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.040 0.157 0.032 0.120 0.012 0.029	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 0.117
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to incineration' assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  Total C&D reused on inert landfill  Total reused C&D on inert landfill  1) C&D reuse are tase based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I reciping and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST 'Cased on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by eac	0.014 0.014 0.056 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 h sub-regior 2006 /A N.	0.016 0.016 0.016 0.061 0.012 0.047 assumption 2007 0.015 0.035 n has accou	0.017 0.017 0.017 0.067 0.014 0.051 as developed 0.015 0.034 2008 (A N//	0.019 0.019 0.073 0.015 0.056 d MEL 50%  2009 0.014 0.034  D reuse as a 2009 A N/	0.020 0.020 0.080 0.016 0.061 was assur 2010 0.014 0.033 an engineer 2010 A N.	0.023 0.023 0.091 0.019 0.070 eted to go to C	0.026 0.026 0.0026 0.103 0.021 0.079 0.079 0.015 0.034 2012 2012 0.005	0.029 0.029 0.0115 0.023 0.088 ing, rather th 2013 0.015 0.035	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.035 0.137 0.028 0.105 dandfi 2015 0.016 0.036	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035 2016 A N//	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 4 N/	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 2019 0.003 2019 2019 2019 0.008	0.041 0.041 0.041 0.161 0.033 0.123 2020 0.012 0.028 2020 0.008	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 /A N	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.043 0.029	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.030 2024 0.008
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1. C&D reused on exempt sites 1. C&D reused on landfill sites sent to 'non-haz landfill' 1. C&D reused on landfill sites sent to 'non-haz landfill' 1. C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  OTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by Pon-specialist incineration' SCENARIO 2 - Assumes all recovery is	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  1 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	0.014 0.014 0.016 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 h sub-regior 2006 0.003	2007 0.015 0.035 0.003 0.003 0.000	0.017 0.017 0.017 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.015 0.034 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 0.056 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.023 0.023 0.091 0.019 0.070 end to go to G	0.026 0.026 0.0026 0.103 0.021 0.079 0.08D recycli 2012 2012 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather th  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.006 0.000	0.035 0.035 0.035 0.137 0.028 0.105 landfi  2015 0.016 0.036  2015 A N/. 2015 0.007 0.000 0.000	0.036 0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000	0.037 0.037 0.147 0.030 0.112 0.112 2017 0.014 0.033 2017 2017 0.000 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008	0.041 0.041 0.161 0.033 0.123 0.123 0.123 0.028 0.012 0.028 0.000 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.012 0.029 0.029 0.008 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.029 0.012 0.029 0.009	0.039 0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.008 0.008	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030 2024 0.008 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 3 - Assumes all recovery is by 'The MSW and C&I recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill 2 SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill 3 SCENARIO 5 - Assumes all recovery is by 'treatment' (based on total recovery capacity) 1 (but was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill 3 (but was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 4 (but was assumed to landfill sites sent to 'non-hazardous landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill sites sent to 'non-haz landfill' 5 (baD reused on landfill') 6 (baD reused on landfill') 7 (baD reus	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  139 % 61 % 30 % 70 % 2005 0.016 0.036  pplied by eac  2005 N/A N 2005 0.003	0.014 0.014 0.016 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 h sub-regior 2006 0.003	2007 0.015 0.035 0.003 0.003 0.000	0.017 0.017 0.017 0.067 0.014 0.051 as developed 0.015 0.034 2008 (A N// 2008 0.003 0.003	0.019 0.019 0.073 0.015 0.056 0.056 0.014 0.034 0.014 0.034 0.009 0.014 0.000	2010 0.020 0.080 0.016 0.061 was assure 2010 0.014 0.033 an engineer 2010 0.004	0.023 0.023 0.023 0.091 0.019 0.070 eted to go to C	0.026 0.026 0.103 0.021 0.079 0.08D recycli 2012 2012 2012 2012 2012 0.005	0.029 0.029 0.015 0.023 0.088 ing, rather th  2013 0.015 0.035  2013 0.006 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 2014 0.006	0.035 0.035 0.035 0.137 0.028 0.105 dandfi 2015 0.016 0.036 2015 A N/	0.036 0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 A N// 2016 0.007	0.037 0.037 0.147 0.030 0.112 0.112 2017 0.014 0.033 2017 2017 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.030 0.030 0.000	0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.012 0.028 0.008 0.000	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029 2021 0.008 0.008	0.040 0.040 0.157 0.032 0.120 0.120 0.029 0.012 0.029 0.029	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.008 0.008	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030 2024 0.008
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill ); It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assume	2005  0.013 0.013 0.050 0.010 0.038  dfill. In the or  10 2005 0.016 0.030 0.006 0.003 0.000 0.0004	0.014 0.014 0.014 0.016 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 A N. 2006 0.003 0.000 0.000	2007 0.015 0.005 0.000 0.000 0.000 0.000 0.000	2008 0.015 0.034 2008 0.015 0.034 2008 0.015 0.034 2008 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 0.056 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.023 0.023 0.091 0.019 0.070 end to go to G	0.026 0.026 0.0026 0.103 0.021 0.079 0.08D recycli 2012 2012 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather th  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.006 0.000	0.035 0.035 0.035 0.137 0.028 0.105 landfi  2015 0.016 0.036  2015 A N/. 2015 0.007 0.000 0.000	0.036 0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000	0.037 0.037 0.147 0.030 0.112 0.112 2017 0.014 0.033 2017 2017 0.000 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008	0.041 0.041 0.161 0.033 0.123 0.123 0.123 0.028 0.012 0.028 0.000 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.012 0.029 0.029 0.008 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.029 0.012 0.029 0.009	0.039 0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.008 0.008	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030 2024 0.008 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to '	2005  0.013 0.013 0.050 0.010 0.038 dfill. In the or  10	0.014 0.014 0.014 0.016 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 A N. 2006 0.003 0.000 0.000	2007 0.015 0.005 0.000 0.000 0.000 0.000 0.000	2008 0.015 0.034 2008 0.015 0.034 2008 0.015 0.034 2008 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 0.056 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.023 0.023 0.091 0.019 0.070 end to go to G	0.026 0.026 0.0026 0.103 0.021 0.079 0.08D recycli 2012 2012 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather th  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.006 0.000	0.035 0.035 0.035 0.137 0.028 0.105 landfi  2015 0.016 0.036  2015 A N/. 2015 0.007 0.000 0.000	0.036 0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000	0.037 0.037 0.147 0.030 0.112 0.112 2017 0.014 0.033 2017 2017 0.000 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008	0.041 0.041 0.161 0.033 0.123 0.123 0.123 0.028 0.012 0.028 0.000 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.012 0.029 0.029 0.008 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.029 0.012 0.029 0.009	0.039 0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.008 0.008	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030 2024 0.008 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity) 1 Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on exempt sites 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 2) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent to 'non-haz landfill' 3) C&D reused on landfill sites sent landfill' 4) C&D reuse rates based on original model assumptions developed MEL 4) NOTE: C&D reus	2005  0.013 0.013 0.050 0.010 0.038 dfill. In the or  10	0.014 0.014 0.014 0.016 0.011 0.043 iginal model 0.015 0.036 0.015 0.036 A N. 2006 0.003 0.000 0.000	2007 0.015 0.005 0.000 0.000 0.000 0.000 0.000	2008 0.015 0.034 2008 0.015 0.034 2008 0.015 0.034 2008 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 0.056 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.023 0.023 0.091 0.019 0.070 end to go to G	0.026 0.026 0.0026 0.103 0.021 0.079 0.08D recycli 2012 2012 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather th  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.006 0.000	0.035 0.035 0.035 0.137 0.028 0.105 landfi  2015 0.016 0.036  2015 A N/. 2015 0.007 0.000 0.000	0.036 0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000	0.037 0.037 0.147 0.030 0.112 0.112 2017 0.014 0.033 2017 2017 0.000 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008	0.041 0.041 0.161 0.033 0.123 0.123 0.123 0.028 0.012 0.028 0.000 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.012 0.029 0.029 0.008 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.029 0.029 0.029 0.009	0.039 0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 0.008 0.008	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030 2024 0.008 0.000 0.000

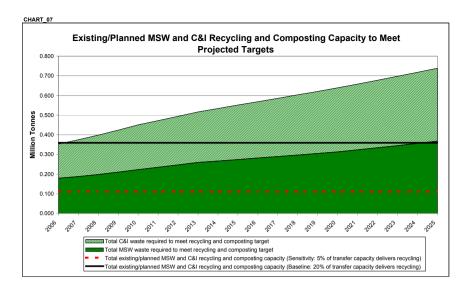


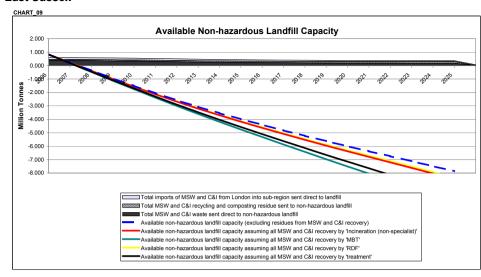


Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

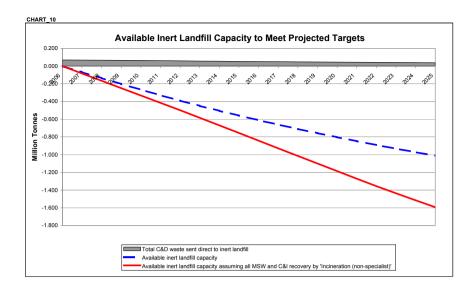
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









## Hampshire

#### SUMMARY DATA AND RESULTS FOR HAMPSHIRE

	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw - imports	from london that are sent direct to non-hazardous landfill		0.958 0.053	0.982 0.051	1.007 0.050	1.032 0.049	1.058 0.047	1.079 0.045	1.101 0.042	1.123 0.039	1.145 0.037	1.168 0.034	1.185 0.033	1.203 0.031	1.221 0.030	1.240 0.028	1.258 0.027	1.277 0.027	1.296 0.026	1.316 0.025	1.335 0.025	1.355
c&i			1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265	2.287
c&I - imports f	rom london that are sent direct to non-hazardous landfill		0.091 2.148	0.089 2.148	0.087 2.148	0.084 2.148	0.082 2.148	0.077 2.148	0.073 2.148	0.068 2.148	0.064 2.148	0.059 2.148	0.057 2.148	0.054 2.148	0.052 2.148	0.049 2.148	0.047 2.148	0.046 2.148	0.045 2.148	0.043 2.148	0.042 2.148	0.041 2.148
hazardous			0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
WASTE STRE	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	LATS shortfall (how much extra is landfilled above LATS target)		0.039	0.042	0.049	0.060	0.075	0.080	0.083	0.086	0.064	0.042	0.038	0.034	0.030	0.025	0.020	0.020	0.020	0.021	0.021	0.022
	Recycling and composting target		0.340	0.368	0.401	0.439 0.122	0.481 0.144	0.513 0.176	0.545 0.208	0.577 0.241	0.594 0.267	0.612 0.294	0.630	0.649 0.319	0.667 0.332	0.686	0.705 0.359	0.729 0.354	0.753	0.778	0.803 0.337	0.829
	Recovery target Non-hazardous landfill		0.066	0.084	0.103	0.122	0.144	0.176	0.206	0.241	0.284	0.294	0.307	0.319	0.332	0.208	0.359	0.354	0.349	0.343	0.337	0.195
c&i	Recycling and composting target		0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
	Recovery target		0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
.&d	Non-hazardous landfill  Population torget		0.726	0.707 1.010	0.686 1.031	0.664 1.053	0.640 1.074	0.616	0.590 1.074	0.563	0.535	0.505	0.488	0.470 1.160	0.452 1.203	0.433 1.246	0.413 1.289	0.404 1.289	0.395	0.386	0.376 1.289	0.366 1.289
Joku .	Recycling target Recovery target		0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
	Inert landfill		0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223	0.215
azardous	Hazardous waste  Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	model accume	0.173 e that this s	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220 y for that ye	0.223	0.227	0.229	0.231	0.234	0.236	0.238
					is recycleure	composicu	and recover	cu at the se	anic ratio as	tile regione	ii taigets ioi	recyclingro	Jilipostilig e	and recover	y ioi tilat ye	ai.						
XISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (	Million To 2006	nnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ISW and C&																						
	Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		1.542 1.239	1.542 1.213	1.542 1.185	1.542 1.155	1.542 1.123	1.542 1.068	1.542 1.010	1.542 0.952	1.542 0.898	1.542 0.844	1.542 0.821	1.542 0.798	1.542 0.774	1.542 0.750	1.542 0.726	1.542 0.735	1.542 0.745	1.542 0.755	1.542 0.765	1.542 0.776
SW and C&	recycling and composting		1.238	1.213	1.100	1.100	1.123	1.000	1.010	0.502	0.030	0.044	0.021	0.130	0.774	0.750	0.120	0.133	0.740	0.705	0.703	0.110
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		4.329 3.657	4.329 3.576	4.329 3.490	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329 2.914	4.329	4.329	4.329 2.741	4.329	4.329 2.623	4.329	4.329	4.329 2.440	4.329
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling) Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		3.557	3.576	3.490	3.396 3.033	3.296 2.933	3.228 2.864	3.158 2.794	3.086 2.723	3.029 2.665	2.969 2.605	2.550	2.857 2.494	2.800 2.437	2.741	2.682 2.318	2.623	2.563 2.200	2.502 2.139	2.440	2.377 2.013
D recycling	Carpatanana apating (constant). On a name apating attractive of constant		0.200	0.210	0.120	0.000	2.000	2.001	2.701	2.720	2.000	2.000	2.000	2.101	2.107	2.070	2.010	2.200	2.200	2.100	2.077	2.010
	Total existing/planned C&D recycling capacity		0.072 -0.916	0.072	0.072	0.072	0.072	0.072 -1.002	0.072 -1.002	0.072 -1.002	0.072 -1.002	0.072 -1.002	0.072 -1.045	0.072 -1.088	0.072	0.072 -1.174	0.072 -1.217	0.072	0.072	0.072	0.072 -1.217	0.072
&D recovery	Surplus/deficit capacity		-0.916	-0.936	-0.959	-0.961	-1.002	-1.002	-1.002	-1.002	-1.002	-1.002	-1.045	-1.000	-1.131	-1.174	-1.217	-1.217	-1.217	-1.217	-1.217	-1.217
,	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
	Surplus/deficit capacity		1.033	0.963	0.892	0.822	0.751	0.717	0.684	0.650	0.616	0.583	0.586	0.589	0.592	0.595	0.598	0.610	0.622	0.635	0.647	0.659
azardous wa	iste recycling Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
azardous wa	ste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
on-hazardou																						
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"		-1.014 -1.056	-2.689 -2.777	-4.335 -4.471	-5.944 -6.134	-7.511 -7.759	-9.030 -9.341	-10.486 -10.868	-11.877 -12.339	-13.201 -13.751	-14.476 -15.124	-15.702 -16.454	-16.907 -17.767	-18.089 -19.061	-19.249 -20.335	-20.385 -21.591	-21.498 -22.825	-22.608 -24.057	-23.717 -25.285	-24.824 -26.510	-25.929 -27.732
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		-1.179	-3.033	-4.471	-6.692	-8.488	-9.341	-11.989	-12.339	-15.751	-15.124	-18.659	-20.289	-19.061	-20.535	-21.591	-22.625	-24.057	-25.265	-20.510	-33.020
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		-1.048	-2.759	-4.444	-6.096	-7.710	-9.279	-10.792	-12.246	-13.641	-14.994	-16.304	-17.595	-18.866	-20.118	-21.349	-22.560	-23.767	-24.971	-26.173	-27.371
ert landfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		-1.140	-2.951	-4.745	-6.515	-8.256	-9.963	-11.633	-13.262	-14.852	-16.418	-17.957	-19.486	-21.003	-22.508	-24.001	-25.480	-26.954	-28.421	-29.882	-31.337
ert iariuiiii	Available inert landfill capacity		1.735	1.335	0.944	0.562	0.188	-0.177	-0.529	-0.869	-1.195	-1.509	-1.810	-2.102	-2.385	-2.660	-2.927	-3.184	-3.434	-3.674	-3.906	-4.130
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.693	1.248	0.807	0.372	-0.060	-0.488	-0.912	-1.331	-1.746	-2.156	-2.561	-2.962	-3.357	-3.747	-4.132	-4.512	-4.882	-5.242	-5.592	-5.932
azardous lar	ldfill Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	NAMED AND ADDRESS OF MANY AND AND HAZARDOUGH MARTE (MINE AT AND	2005	0000	2007	2008	2009	2010	2011	2012	2013	2014	2015	2012	0047	2018	2019	2020	2021	2022	2023	2024	0005
AIA_U1: AF	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1)	Forecast regional level growth rate of MSW - cumulative (%)	106% 0.935	109% 0.958	111% 0.982	114% 1.007	117% 1.032	120% 1.058	122% 1.079	125% 1.101	127% 1.123	130% 1.145	133% 1.168	135% 1.185	137% 1.203	139% 1 221	141% 1.240	143% 1.258	145% 1.277	147% 1.296	149% 1.316	152% 1.335	154% 1.355
(1)	Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.5%	1.335	1.355
(1)	Forecast sub-regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%	154%
	Total arisings of MSW using sub-regional growth forecasts	0.935	0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335	1.355
	Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
	Forecast regional level growth rate of C&I - cumulative (%)	110%	113%	116%	119%	122%	125%	127%	130%	132%	135%	138%	140%	142%	144%	146%	148%	150%	151%	153%	154%	156%
. ,	Total arisings of C&I using regional growth forecasts	1.617	1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265	2.287
	Forecast sub-regional level growth rate of C&I - per year (%)	3.3% 110%	2.5% 113%	2.5% 116%	2.5% 119%	2.5% 122%	2.5% 125%	2.0% 127%	2.0% 130%	2.0% 132%	2.0% 135%	2.0% 138%	1.5% 140%	1.5% 142%	1.5% 144%	1.5% 146%	1.5% 148%	1.0%	1.0% 151%	1.0% 153%	1.0% 154%	1.0% 156%
(1)	Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts	1.617	113%	1.699	1742	1.785	1.830	1.866	1.904	1.942	1.981	2 020	2.050	2.081	2 112	2 144	2.176	2.198	2.220	2.242	2.265	2.287
azardous	Arisings of hazardous waste in baseline year	1.017	1.000	1.000	1.772	1.700	1.000	1.000	1.304	1.342	1.301	2.020	2.000	2.001	2.112	2.177	2.170	2.130	2.220	2.272	2.200	2.201
	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0%
	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	107% 0.168	109%	112% 0.177	115% 0.181	118% 0.186	121% 0.191	123% 0.194	126% 0.198	128% 0.202	131% 0.206	133% 0.210	135% 0.214	137% 0.217	139% 0.220	141% 0.223	144% 0.227	145% 0.229	146% 0.231	148% 0.234	149% 0.236	151%
(2)	Forecast sub-regional level growth rate of hazardous waste - per year (%)	0.168 3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	0.238
	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	151%
&d	Total arisings of hazardous waste	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
	Total managed C&D in baseline year Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Total managed of C&D for the sub-region	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

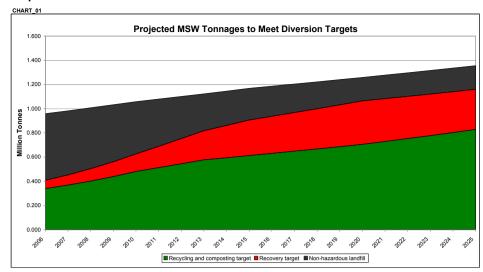
DATA_02: I	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041

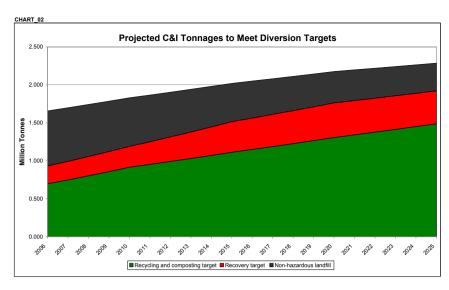
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

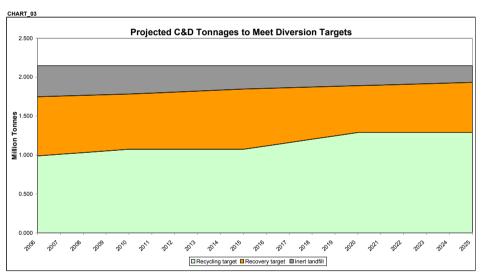
DATA 03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2046	2017	2018	2019	2020	2021	2022	2023	2024	2025
		2006	2007	2006		2010	2011	2012	2013		2015	2016	2017	2016	2019	2020	2021	2022			
msw	0.935	0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335	1.355
msw - imports from london that are sent direct to non-hazardous landfill	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
c&i	1.617	1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265	2.287
c&I - imports from london that are sent direct to non-hazardous landfill	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041
c&d	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148
hazardous	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
DATA 04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.372	0.362	0.347	0.326	0.301	0.270	0.240	0.210	0.180	0.172	0.165	0.157	0.149	0.141	0.134	0.126	0.126	0.126	0.126	0.126	0.126
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	26	35.4	34.8	34.2	33.6	22	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	20.6	20	28.4	28.8	29.2	29.6	30
recycled (%)	30 4E	46.0	47.0	49.D	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	29.0 E9.0	60	60.0	60.0	60.0	60.0	60
	40		47.0	40.0	49.0	30	30.0	30.0	30.0		30	32.0	34.0	30.0	36.0	00	00.0	00.0	00.0		00
hazardous landfill (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
recovered (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
recycled (%)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

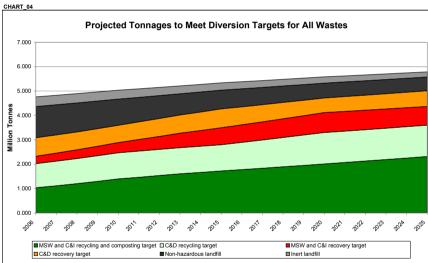
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.327	0.368	0.411	0.455	0.502	0.550	0.609	0.669	0.732	0.797	0.864	0.899	0.934	0.970	1.007	1.044	1.063	1.081	1.100	1.119	1.139
	Total MSW not-diverted by targets	0.608 68	0.590 68	0.572 68	0.552 68	0.530 68	0.508 68	0.470 68	0.431 68	0.391 68	0.348	0.304	0.287 68	0.270 68	0.252 68	0.233 68	0.214	0.215 68	0.215	0.216 68	0.216 68	0.217 68
	Percentage of MSW that is biodegradable (% by weight) Total BMW not-diverted by targets	0.413	0.401	0.389	0.375	0.361	0.345	0.320	0.293	0.266	68 0.237	68 0.206	0.195	0.183	0.171	0.158	68 0.145	0.146	0.146	0.147	0.147	0.147
	LATS shortfall (how much extra is landfilled above LATS target)	0.413	0.401	0.369	0.049	0.060	0.075	0.080	0.293	0.266	0.237	0.206	0.195	0.163	0.171	0.156	0.020	0.020	0.020	0.147	0.147	0.147
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.006	0.007	0.008	0.010	0.013	0.017	0.020	0.023	0.025	0.020	0.014	0.013	0.011	0.010	0.008	0.007	0.007	0.006	0.006	0.006	0.006
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.035	0.033	0.034	0.039	0.047	0.058	0.059	0.060	0.060	0.044	0.028	0.026	0.023	0.020	0.017	0.013	0.013	0.014	0.014	0.015	0.015
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.316	0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803	0.829
	Recovery target	0.053	0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337	0.331
	Non-hazardous landfill	0.567	0.551	0.530	0.503	0.471	0.433	0.391	0.348	0.305	0.284	0.262	0.249	0.235	0.222	0.208	0.194	0.195	0.195	0.195	0.195	0.195
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.647	0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
	Recovery target	0.226	0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
	Non-hazardous landfill	0.744	0.726	0.707	0.686 0.000	0.664	0.640	0.616 0.000	0.590	0.563	0.535	0.505	0.488	0.470 0.000	0.452	0.433	0.413 0.000	0.404	0.395	0.386	0.376	0.366
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
	Recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
	Inert landfill	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223	0.215
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.963	1.036	1.116	1.203	1.296	1.396	1.464	1.534	1.606	1.664	1.723	1.779	1.835	1.892	1.951	2.011	2.069	2.129	2.190	2.252	2.315
	C&D recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
	MSW and C&I recovery target	0.279	0.303	0.329	0.357	0.387	0.419	0.474	0.532	0.590	0.644	0.698	0.721	0.744	0.767	0.791	0.816	0.807	0.797	0.787	0.777	0.766
	C&D recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644 0.561
	Non-hazardous landfill Inert landfill	1.311 0.408	1.277 0.400	1.236 0.391	1.189 0.382	1.135 0.374	1.073 0.365	1.007 0.352	0.938	0.868 0.327	0.818 0.314	0.767 0.301	0.737 0.292	0.706 0.284	0.674 0.275	0.641 0.266	0.608 0.258	0.599 0.249	0.590 0.241	0.581 0.232	0.571 0.223	0.561
	Hazardous waste	0.408	0.400	0.391	0.362	0.374	0.365	0.352	0.339	0.202	0.206	0.301	0.292	0.204	0.275	0.200	0.256	0.249	0.241	0.232	0.223	0.215
	mazaruuus waste	0.100	0.173	0.177	0.101	0.100	0.191	0.194	0.196	0.202	0.200	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.230	0.230

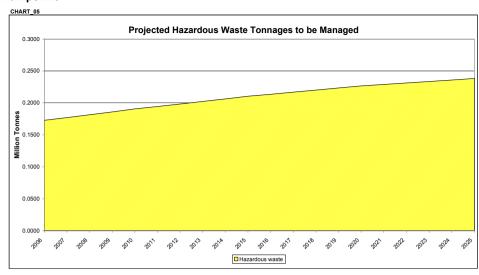
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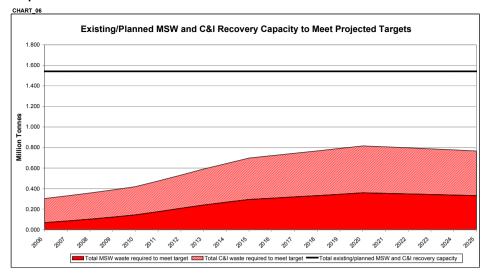


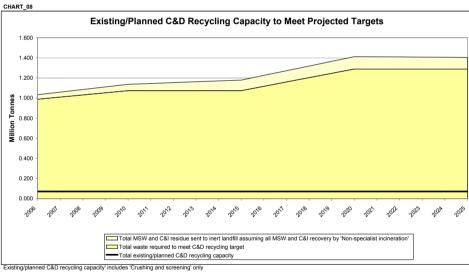
DATA 07: EXISTING/DI ANNED CADACITY EOD DECYCLINI	G. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

AISTINGIFLANNED CAFACITT FOR RECTCLING, RECOVERT AND LANDFILLING AND TOTAL WASTE TOWNAGES TO EA	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.48
MSW and C&I treatment	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061	1.061
Total existing/planned MSW and C&I recovery capacity	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542	1.542
Total MSW waste required to meet target	0.053	0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337	0.331
Total C&I waste required to meet target	0.226	0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
Surplus/deficit capacity	1.263	1.239	1.213	1.185	1.155	1.123	1.068	1.010	0.952	0.898	0.844	0.821	0.798	0.774	0.750	0.726	0.735	0.745	0.755	0.765	0.776
MSW and C&I recycling and composting																					
MSW and C&I recycling	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068	4.068
MSW and C&I transfer	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423	2.423
Fotal existing/planned MSW and C&I composting capacity	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692	4.692
Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329
Total MSW waste required to meet recycling and composting target	0.316	0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803	0.829
Total C&I waste required to meet recycling and composting target	0.647	0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	3.730	3.657	3.576	3.490	3.396	3.296	3.228	3.158	3.086	3.029	2.969	2.914	2.857	2.800	2.741	2.682	2.623	2.563	2.502	2.440	2.377
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	3.366	3.293	3.213	3.126	3.033	2.933	2.864	2.794	2.723	2.665	2.605	2.550	2.494	2.437	2.378	2.318	2.259	2.200	2.139	2.077	2.013
C&D recycling																					
Total existing/planned C&D recycling capacity	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Total waste required to meet C&D recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
Surplus/deficit capacity	-0.895	-0.916	-0.938	-0.959	-0.981	-1.002	-1.002	-1.002	-1.002	-1.002	-1.002	-1 045	-1.088	-1.131	-1.174	-1.217	-1.217	-1.217	-1.217	-1.217	-1.217
C&D recovery	0.000	0.010	0.000	0.000	0.001	1.002	1.002	1.002	1.002	1.002	1.002	1.010	1.000	1.101							
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1 460	1 439	1 418	1.398	1.377	1.356	1.325	1 293	1,262	1.231	1.199	1.220	1.241	1,262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
Surplus/deficit capacity	1.104	1.033	0.963	0.892	0.822	0.751	0.717	0.684	0.650	0.616	0.583	0.586	0.589	0.592	0.595	0.598	0.610	0.622	0.635	0.647	0.659
Hazardous waste recycling	1.104	1.000	0.303	0.032	0.022	0.751	0.717	0.004	0.000	0.010	0.505	0.500	0.000	0.002	0.555	0.000	0.010	0.022	0.000	0.047	0.000
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery	1475	1975	14/75	100	107	14075	1407	1407	1975	14//	100	1475	14/75	1000	100	14/75	1975	INA	14075	14/75	14/7
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill	1075	14/75	14/73	10/5	INA	TW/A	14075	INA	14/75	14/23	14/74	1073	14/73	1975	INA	14/75	14/75	INA	1073	11075	1975
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)	0.538	-1.014	-2.689	-4.335	-5.944	-7.511	-9.030	-10.486	-11.877	-13.201	-14 476	-15.702	-16.907	-18.089	-19.249	-20.385	-21.498	-22.608	-23.717	-24 824	-25.929
Available non-hazardous landfill capacity (excluding residues non-hiovy and out recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	0.538	-1.056	-2.777	-4 471	-6.134	-7.759	-9.341	-10.468	-12.339	-13.751	-15.124	-16.454	-17.767	-19.061	-20.335	-21.591	-22.825	-24.057	-25.285	-26.510	-27.732
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'	0.538	-1.179	-3.033	-4.872	-6.692	-8.488	-10.254	-11.989	-13.694	-15.751	-17.021	-18.659	-20.289	-21.910	-23.523	-25.126	-26.719	-24.037	-29.885	-31 456	-33.020
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'	0.538	-1.048	-2.759	-4.444	-6.096	-7.710	-9.279	-10.792	-12.246	-13.641	-14.994	-16.304	-17.595	-18.866	-20.118	-21.349	-20.719	-23.767	-24.971	-26.173	-27.371
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Rbr'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'	0.538	-1.140	-2.759	-4.745	-6.515	-8.256	-9.279	-11.633	-13.262	-14.852	-16.418	-17.957	-17.595	-21.003	-22.508	-24.001	-25.480	-26.954	-24.971	-20.173	-31.337
Total MSW and C&I waste sent direct to non-hazardous landfill	1.311	1.277	1.236	1.189	1.135	1.073	1.007	0.938	0.868	0.818	0.767	0.737	0.706	0.674	0.641	0.608	0.599	0.590	0.581	0.571	0.561
Inert landfill	1.311	1.277	1.230	1.109	1.135	1.073	1.007	0.930	0.000	0.010	0.767	0.737	0.706	0.074	0.041	0.000	0.599	0.590	0.561	0.571	0.561
Available inert landfill capacity	2.143	1.735	1.335	0.944	0.562	0.188	0.477	-0.529	-0.869	-1.195	-1.509	-1 810	-2.102	-2.385	-2.660	-2.927	-3.184	-3.434	-3.674	-3.906	-4.130
Available ment landilli capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	2.143	1.693	1.248	0.807	0.372	-0.060	-0.177 -0.488	-0.529	-1.331	-1.746	-2.156	-2.561	-2.102	-2.365	-2.000	-2.927 -4.132	-3.104 -4.512	-4.882	-5.242	-5.592	-5.932
Available their landilli capacity assuming all MSVV and C&Frecovery by incineration (non-specialist)  Total C&D waste sent direct to inert landfill	0.408	0.400	0.391		0.372		0.466	0.912							0.266	0.258			0.232		0.215
Hazardous landfill	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223	0.215
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Available hazardous landfill capacity	0.000	0.000	0.000 I/A N	0.000	0.000	0.000	0.000	0.000	0.000 VA N	0.000 I/A N	0.000	0.000	0.000	0.000 VA N		0.000	0.000	000.0 4 A/L	0.000		0.000 J/A
Total hazardous waste sent direct to hazardous landfill	N	/A N	ua N	/A N	/A N	/A N	/A N	WA N	MW D	wa N	/A N	I/A N	I/A N	/A N	WA N	ua N	I/A N	WA P	I/A N	WA P	W/A
Other	0.045	0.046	0.046	0.046	0.046	0.046	0.045	0.046	0.046	0.045	0.046	0.046	0.046	0.045	0.046	0.046	0.046	0.045	0.045	0.045	0.0:-
Metal/ELV facility	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840	0.840
Ignored	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330
Closed	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

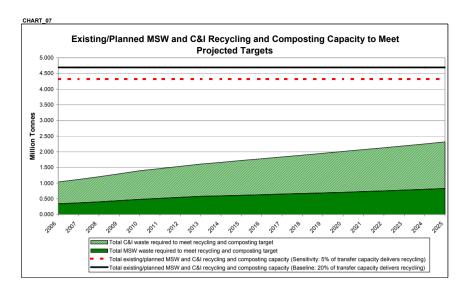
ATA_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	3
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	5
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	1:
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	4
MSW and C&I treatment - hazardous Hazardous waste recovery	5 5	5	5	5	5 5	5 5	5	5	5	5 5	5	5	5	5 5	5 5	5	5	5	5	5	
Recycling residues (% by weight)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	1:
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	1:
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	1
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Other Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	th the self-suffic	ciency requi	rements of I	PPS10.																	
TA_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
Recovery residues (of waste managed):	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL	LULU	LULI	
MSW and C&I incineration (non-specialist) - bottom ash	0.084	0.091	0.099	0.107	0.116	0.126	0.142	0.159	0.177	0.193	0.209	0.216	0.223	0.230	0.237	0.245	0.242	0.239	0.236	0.233	0.23
MSW and C&I incineration (non-specialist) - fly ash	0.008	0.009	0.010	0.011	0.012	0.013	0.014	0.016	0.018	0.019	0.021	0.022	0.022	0.023	0.024	0.024	0.024	0.024	0.024	0.023	0.02
MSW and C&I to MBT	0.165	0.179	0.194	0.211	0.228	0.247	0.280	0.314	0.348	0.380	0.412	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.48
MSW and C&I to RDF	0.033	0.036	0.039	0.043	0.046	0.050	0.057	0.064	0.071	0.077	0.084	0.086	0.089	0.092	0.095	0.098	0.097	0.096	0.094	0.093	0.09
MSW and C&I treatment - non-hazardous	0.126	0.136	0.148	0.161	0.174	0.188	0.213	0.239	0.266	0.290	0.314	0.324	0.335	0.345	0.356	0.367	0.363	0.359	0.354	0.350	0.3
MSW and C&I treatment - hazardous	0.014 N/A N	0.015	0.016 I/A N	0.018 /A N/	0.019 A N/	0.021 A N	0.024 'A N/	0.027 A N	0.030 'A N/	0.032	0.035 'A N/	0.036	0.037 A N/	0.038 A N/	0.040	0.041 /A N	0.040	0.040 /A N	0.039 I/A N	0.039 A N	0.03
Hazardous waste recovery  Recycling residues (of waste managed):	IN/A D	N/A N	um N	m N/	A N/	A N	A N/	- N/	n N/	A N	n N/	A N/	n N/	A N/	~ N	va N	I/A N	/A N	I/A N	A N	/A
MSW and C&I recycling and composting	0.144	0.155	0.167	0.180	0.194	0.209	0.220	0.230	0.241	0.250	0.259	0.267	0.275	0.284	0.293	0.302	0.310	0.319	0.329	0.338	0.34
C&D recycling	0.097	0.099	0.101	0.103	0.105	0.107	0.107	0.107	0.107	0.107	0.107	0.112	0.116	0.120	0.125	0.129	0.129	0.129	0.129	0.129	0.1
Hazardous waste recycling	N/A N	1/A N	I/A N	/A N/				A N				A N/	A N						I/A N	A N	/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	th the self-suffic	ciency requi	rements of I	PPS10.																	
_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.241	0.254	0.268	0.283	0.300	0.317	0.327	0.338	0.348	0.357	0.366	0.378	0.391	0.404	0.417	0.430	0.439	0.448	0.457	0.467	0.4
A_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (MIIIIo	on Tonnes)																				
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.042	0.045	0.049	0.054	0.058	0.063	0.071	0.080	0.089	0.097	0.105	0.108	0.112	0.115	0.119	0.122	0.121	0.120	0.118	0.117	0.1
								0.080												0.117	0.1
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.042	0.045	0.049	0.054	0.058	0.063	0.071	0.000	0.089	0.097	0.105	0.108	0.112	0.115	0.119	0.122	0.121	0.120	0.118	0.117	
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.042																				
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill		0.045	0.049	0.054	0.058	0.063	0.071	0.314	0.089	0.380	0.105	0.108	0.112	0.115	0.119	0.122	0.121	0.120	0.118	0.458	
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.042 0.165	0.179	0.194	0.211	0.228	0.247	0.280	0.314	0.348	0.380	0.412	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.4
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.042																				0.48
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.042 0.165	0.179	0.194	0.211	0.228	0.247	0.280	0.314	0.348	0.380	0.412	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.45
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	0.042 0.165 0.033 0.126	0.179 0.036 0.136	0.194 0.039 0.148	0.211 0.043 0.161	0.228 0.046 0.174	0.247 0.050 0.188	0.280 0.057 0.213	0.314 0.064 0.239	0.348 0.071 0.266	0.380 0.077 0.290	0.412 0.084 0.314	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.45
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.042 0.165 0.033 0.126 andfill. In the or	0.179 0.036 0.136 riginal mode	0.194 0.039 0.148	0.211 0.043 0.161	0.228 0.046 0.174	0.247 0.050 0.188	0.280 0.057 0.213	0.314 0.064 0.239	0.348 0.071 0.266	0.380 0.077 0.290	0.412 0.084 0.314	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.45
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by YMBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'tratment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites	0.042 0.165 0.033 0.126 andfill. In the or	0.179 0.036 0.136 riginal mode	0.194 0.039 0.148	0.211 0.043 0.161	0.228 0.046 0.174	0.247 0.050 0.188	0.280 0.057 0.213	0.314 0.064 0.239	0.348 0.071 0.266	0.380 0.077 0.290	0.412 0.084 0.314	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.45
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YRDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.042 0.165 0.033 0.126 andfill. In the or	0.179 0.036 0.136 riginal mode	0.194 0.039 0.148	0.211 0.043 0.161	0.228 0.046 0.174	0.247 0.050 0.188	0.280 0.057 0.213	0.314 0.064 0.239	0.348 0.071 0.266	0.380 0.077 0.290	0.412 0.084 0.314	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.45
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'trading landfill SCENARIO 4 - Assumes all recovery laby 'trading landfill (t) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (t) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (t) C&D reused on landfill sites (t) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 30 9	0.179 0.036 0.136 riginal mode	0.194 0.039 0.148	0.211 0.043 0.161	0.228 0.046 0.174	0.247 0.050 0.188	0.280 0.057 0.213	0.314 0.064 0.239	0.348 0.071 0.266	0.380 0.077 0.290	0.412 0.084 0.314	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458	0.4
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (b) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late.  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites	0.042 0.165 0.033 0.126 andfill. In the or	0.179 0.036 0.136 riginal mode	0.194 0.039 0.148	0.211 0.043 0.161 ns developed	0.228 0.046 0.174 d MEL 50%	0.247 0.050 0.188 was assum	0.280 0.057 0.213	0.314 0.064 0.239 C&D recycl	0.348 0.071 0.266 ing, rather th	0.380 0.077 0.290 man to inert	0.412 0.084 0.314	0.425 0.086 0.324	0.439 0.089 0.335	0.453 0.092 0.345	0.467 0.095 0.356	0.481 0.098 0.367	0.476 0.097 0.363	0.470 0.096 0.359	0.464 0.094 0.354	0.458 0.093 0.350	0.4
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill' (i) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 30 9 70 9	0.179 0.036 0.136 riginal mode % % %	0.194 0.039 0.148 dl assumptio	0.211 0.043 0.161 ns developed	0.228 0.046 0.174 d MEL 50%	0.247 0.050 0.188 was assum	0.280 0.057 0.213 and to go to 0	0.314 0.064 0.239 C&D recycl	0.348 0.071 0.266 ing, rather th	0.380 0.077 0.290 nan to inert	0.412 0.084 0.314 landfi	0.425 0.086 0.324	0.439 0.089 0.335	0.453 0.092 0.345	0.467 0.095 0.356	0.481 0.098 0.367	0.476 0.097 0.363	0.470 0.096 0.359	0.464 0.094 0.354	0.458 0.093 0.350	0.44
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (b) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (c) C&D reused on landfill sites (d) C&D reused on landfill sites sent to 'non-haz landfill' (d) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 30 9 70 9	0.179 0.036 0.136 riginal mode % % % % % 2006 0.088	0.194 0.039 0.148 el assumptio	0.211 0.043 0.161 ns developed	0.228 0.046 0.174 d MEL 50%	0.247 0.050 0.188 was assum	0.280 0.057 0.213 tied to go to 0	0.314 0.064 0.239 C&D recycl 2012 0.085	0.348 0.071 0.266 ing, rather th	0.380 0.077 0.290 nan to inert	0.412 0.084 0.314 landfi	0.425 0.086 0.324 2016 0.086	0.439 0.089 0.335	0.453 0.092 0.345 2018 0.078	0.467 0.095 0.356 2019 0.074	0.481 0.098 0.367	0.476 0.097 0.363	0.470 0.096 0.359	0.464 0.094 0.354 0.354	0.458 0.093 0.350 2024 0.074	0.4 0.0 0.3
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill' (i) C&D reused on landfill sites sent to 'non-haz landfill'	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 30 9 70 9	0.179 0.036 0.136 riginal mode % % %	0.194 0.039 0.148 dl assumptio	0.211 0.043 0.161 ns developed	0.228 0.046 0.174 d MEL 50%	0.247 0.050 0.188 was assum	0.280 0.057 0.213 and to go to 0	0.314 0.064 0.239 C&D recycl	0.348 0.071 0.266 ing, rather th	0.380 0.077 0.290 nan to inert	0.412 0.084 0.314 landfi	0.425 0.086 0.324	0.439 0.089 0.335	0.453 0.092 0.345	0.467 0.095 0.356	0.481 0.098 0.367	0.476 0.097 0.363	0.470 0.096 0.359	0.464 0.094 0.354	0.458 0.093 0.350	0.48 0.09 0.34
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'troatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	0.042 0.165 0.033 0.126 andfill. In the or 39 % 61 % 30 % 70 %	0.179 0.036 0.136 riginal mode % % % % %	0.194 0.039 0.148 al assumptio	0.211 0.043 0.161 ons developed 2008 0.085 0.199	0.228 0.046 0.174 d MEL 50% 2009 0.084 0.196	0.247 0.050 0.188 was assum 2010 0.082 0.192	0.280 0.057 0.213 seed to go to (	0.314 0.064 0.239 C&D recycl 2012 0.085	0.348 0.071 0.266 ing, rather th	0.380 0.077 0.290 nan to inert	0.412 0.084 0.314 landfi	0.425 0.086 0.324 2016 0.086	0.439 0.089 0.335	0.453 0.092 0.345 2018 0.078	0.467 0.095 0.356 2019 0.074	0.481 0.098 0.367	0.476 0.097 0.363	0.470 0.096 0.359	0.464 0.094 0.354 0.354	0.458 0.093 0.350 2024 0.074	0.48 0.09 0.34 0.34
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (Based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YBD' (Based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (1) C&D reuse on landfill sites sent to 'non-haz landfill'  Total C&D reused on onn-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	0.042 0.165 0.033 0.126 0.	0.179 0.036 0.136 0.136 riginal mode % % % % 0.088 0.206 ch sub-regio	0.194 0.039 0.148 el assumptio 2007 0.087 0.203	0.211 0.043 0.161 ns developed 2008 0.085 0.199	0.228 0.046 0.174 d MEL 50% 2009 0.084 0.196 D reuse as a	0.247 0.050 0.188 was assum 2010 0.082 0.192 an engineer	0.280  0.057  0.213  eled to go to 6  2011  0.084  0.196  ing material.	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.348 0.071 0.266 ing, rather th	0.380 0.077 0.290 nan to inert 2014 0.088 0.206	0.412 0.084 0.314 landfi 2015 0.090 0.210	0.425 0.086 0.324 2016 0.086 0.201	0.439 0.089 0.335 2017 0.082 0.191	0.453 0.092 0.345 2018 0.078 0.182	0.467 0.095 0.356 2019 0.074 0.173	0.481 0.098 0.367 2020 0.070 0.163	0.476 0.097 0.363 2021 0.071 0.166	0.470 0.096 0.359 0.359	0.464 0.094 0.354 0.354	0.458 0.093 0.350 2024 0.074 0.173	0.45 0.09 0.34
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (Based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YBD' (Based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (1) C&D reuse on landfill sites sent to 'non-haz landfill'  Total C&D reused on onn-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 0.136 riginal mode % % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 el assumptio 2007 0.087 0.203 n has accou	0.211 0.043 0.161 ons developed 2008 0.085 0.199	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a	0.247 0.050 0.188 was assum 2010 0.082 0.192 an engineer	0.280 0.057 0.213 eed to go to 6	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.348 0.071 0.266 ing, rather the state of the state o	0.380 0.077 0.290 nan to inert 2014 0.088 0.206	0.412 0.084 0.314 landfi 2015 0.090 0.210	0.425 0.086 0.324 2016 0.086 0.201	0.439 0.089 0.335 0.335 2017 0.082 0.191	0.453 0.092 0.345 2018 0.078 0.182	0.467 0.095 0.356 0.356 2019 0.074 0.173	0.481 0.098 0.367 2020 0.070 0.163	0.476 0.097 0.363 2021 0.071 0.166	0.470 0.096 0.359 0.359 2022 0.072 0.168	0.464 0.094 0.354 0.354	0.458 0.093 0.350 2024 0.074 0.173	0.48 0.09 0.34 0.34 202 0.07 0.17
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (b) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (c) C&D reused on landfill sites (c) C&D reused on landfill sites (c) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (c) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse and that of the second sec	0.042 0.165 0.033 0.126 0.126 andfill. In the or 39 9 61 9 30 9 70 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 riginal mode % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 0.148 assumption of the sample of the	0.211 0.043 0.161 ns developed  2008 0.085 0.199  inted for C&E	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196  D reuse as a	0.247 0.050 0.188 was assure  2010 0.082 0.192 an engineer 2010 A N.	0.280 0.057 0.213 end to go to 6  2011 0.084 0.196  ing material.	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A No	0.348 0.071 0.266 ing, rather the state of t	0.380 0.077 0.290 nan to inert  2014 0.088 0.206	0.412 0.084 0.314 landfi 2015 0.090 0.210	0.425 0.086 0.324 2016 0.086 0.201	0.439 0.089 0.335 0.335 2017 0.082 0.191	0.453 0.092 0.345 2018 0.078 0.182	0.467 0.095 0.356 0.356 2019 0.074 0.173	0.481 0.098 0.367 2020 0.070 0.163	0.476 0.097 0.363 0.363 2021 0.071 0.166	0.470 0.096 0.359 0.359 2022 0.072 0.168	0.464 0.094 0.354 0.354 2023 0.073 0.170	0.458 0.093 0.350 0.350 2024 0.074 0.173	0.48 0.09 0.34 0.07 0.07 0.17
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'tradment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (ii) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (i) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data so to the control of	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 0.136 riginal mode % % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 el assumptio 2007 0.087 0.203 n has accou	0.211 0.043 0.161 ns developed 2008 0.085 0.199 unted for C&E	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a	0.247 0.050 0.188 was assum 2010 0.082 0.192 an engineer	0.280 0.057 0.213 eted to go to 6	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199	0.348 0.071 0.266 ing, rather the state of the state o	0.380 0.077 0.290 nan to inert 2014 0.088 0.206	0.412 0.084 0.314 landfi 2015 0.090 0.210	0.425 0.086 0.324 2016 0.086 0.201	0.439 0.089 0.335 0.335 2017 0.082 0.191	0.453 0.092 0.345 2018 0.078 0.182	0.467 0.095 0.356 0.356 2019 0.074 0.173	0.481 0.098 0.367 2020 0.070 0.163	0.476 0.097 0.363 2021 0.071 0.166	0.470 0.096 0.359 0.359 2022 0.072 0.168	0.464 0.094 0.354 0.354 2023 0.073 0.170	0.458 0.093 0.350 2024 0.074 0.173	0.44 0.09 0.3 0.0 0.0 0.1
(i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by WBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YRDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (ii) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated.  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill  (ii) C&D reused on inert landfill  (iii) C&D reused c&D on inert landfill  Total reused C&D on inert landfill  (iii) C&D reused rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so total recovery capacity is by 'Non-specialist incineration' (based on total recovery capacity)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 30 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 0.136 riginal mode % % % % % % % 2006 0.088 0.206 ch sub-regic	0.194 0.039 0.148 el assumptio 2007 0.087 0.203 n has accou	0.211 0.043 0.161 ns developed  2008 0.085 0.199 inted for C&C	0.228 0.046 0.174 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/	0.247 0.050 0.188 was assur  2010 0.082 0.192 an engineer 2010 A N	0.280 0.057 0.213 0.213 eled to go to 6  2011 0.084 0.196 0.196 1.084 0.197 2011 A N/A	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A No	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203	0.380 0.077 0.290 nan to inert  2014 0.088 0.206	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/	0.425 0.086 0.324 2016 0.086 0.201 2016 A N/	0.439 0.089 0.335 0.335 2017 0.082 0.191 2017 A N/	0.453 0.092 0.345 2018 0.078 0.182 2018 A N/	0.467 0.095 0.356 0.356 2019 0.074 0.173	0.481 0.098 0.367 0.070 0.163	0.476 0.097 0.363 0.071 0.071 0.166	0.470 0.096 0.359  2022 0.072 0.168	0.464 0.094 0.354 0.354 2023 0.073 0.170	0.458 0.093 0.350 0.350 2024 0.074 0.173	0.4 0.0 0.3 20 0.0 0.1 20 0/A
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YRDF (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yandrament' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yandrament' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill 14: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.042 0.165 0.033 0.126 0.126 andfill. In the or 39 9 61 9 30 9 70 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 riginal mode % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 0.148 assumption of the sample of the	0.211 0.043 0.161 ns developed  2008 0.085 0.199  inted for C&E	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196  D reuse as a	0.247 0.050 0.188 was assure  2010 0.082 0.192 an engineer 2010 A N.	0.280 0.057 0.213 end to go to 6  2011 0.084 0.196  ing material.	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A No	0.348 0.071 0.266 ing, rather the state of t	0.380 0.077 0.290 nan to inert  2014 0.088 0.206	0.412 0.084 0.314 landfi 2015 0.090 0.210	0.425 0.086 0.324 2016 0.086 0.201	0.439 0.089 0.335 0.335 2017 0.082 0.191	0.453 0.092 0.345 2018 0.078 0.182	0.467 0.095 0.356 0.356 2019 0.074 0.173	0.481 0.098 0.367 2020 0.070 0.163	0.476 0.097 0.363 0.363 2021 0.071 0.166	0.470 0.096 0.359 0.359 2022 0.072 0.168	0.464 0.094 0.354 0.354 2023 0.073 0.170	0.458 0.093 0.350 0.350 2024 0.074 0.173	0.4 0.0 0.3 0.3 20 0.0 0.1
(i) Total MSW and C&I residue sent to inert landfill assuming all MSV and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YRDF (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill assumed in Company is sent to inert landfill assumed on exempt sites (i) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  Total C&D reused on non-hazardous landfill'  (c) C&D reuse capacity in the landfill'  (d) C&D reuse capacity in the landfill'  (e) C&D reuse capacity in the landfill'  (e) C&D reuse capacity in the landfill'  (e) C&D reuse capacity in the landfill'  (f) C&D reuse capacity in the landfill'  (g) C&D reuse capacity in the landfill'	0.042 0.165 0.033 0.126 0.126 andfill. In the or 39 9 61 9 30 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 riginal mode % % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 el assumptio  2007 0.087 0.203 n has accou	0.211 0.043 0.161 ns developed  2008 0.085 0.199 inted for C&E 2008 //A N//	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/ 2009	0.247 0.050 0.188 was assum  2010 0.082 0.192 an engineer 2010 A N. 2010 0.013	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196 0.196 ing material. 2011 2011 0.014	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A N/	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 A N/ 2013 0.018	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021	0.425 0.086 0.324 2016 0.086 0.201 2016 A N/	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/ 2017 0.022	0.453 0.092 0.345 2018 0.078 0.182 2018 4 N/ 2018	0.467 0.095 0.356 0.356 2019 0.074 0.173 2019 A N	0.481 0.098 0.367 2020 0.070 0.163 2020 1/A N	0.476 0.097 0.363  2021 0.071 0.166  2021 UA N 2021 0.024	0.470 0.096 0.359  2022 0.072 0.168  2022 /A N	0.464 0.094 0.354 0.354 2023 0.073 0.170 2023 0.024	0.458 0.093 0.350 2024 0.074 0.173 2024 A N. 2024 0.023	0.4 0.0 0.3 0.3 0.0 0.1 20 0.0 0.1
(i) Total MSW and C&I residue sent to inert landfill assuming all MSV and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YRDF (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by Yamethernt' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yamethernt' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lad 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill' (i) C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (i) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data's 13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill 14: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill sesuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.042 0.165 0.033 0.126 andfill. In the or 39 9 61 9 30 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 0.136 riginal mode % % % % % % % 2006 0.088 0.206 ch sub-regic	0.194 0.039 0.148 el assumptio  2007 0.087 0.203 n has accou	0.211 0.043 0.161 ns developed  2008 0.085 0.199 inted for C&C	0.228 0.046 0.174 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/	0.247 0.050 0.188 was assur  2010 0.082 0.192 an engineer 2010 A N	0.280 0.057 0.213 0.213 eled to go to 6  2011 0.084 0.196 0.196 1.084 0.197 2011 A N/A	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A No	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203	0.380 0.077 0.290 nan to inert  2014 0.088 0.206	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/	0.425 0.086 0.324 2016 0.086 0.201 2016 A N/ 2016 0.022	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/	0.453 0.092 0.345 2018 0.078 0.182 2018 A N/	0.467 0.095 0.356 0.356 2019 0.074 0.173	0.481 0.098 0.367 0.070 0.163	0.476 0.097 0.363 0.071 0.071 0.166	0.470 0.096 0.359  2022 0.072 0.168	0.464 0.094 0.354 0.354 2023 0.073 0.170	0.458 0.093 0.350 0.350 2024 0.074 0.173	0.4 0.1 0.1 0.1 0.1 0.1
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill' Total C&D reused on on-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse nates based on original model assumptions developed MEL NOTE: C&D reuse nates based on original model assumptions developed MEL NOTE: C&D reuse nates based on original model assumptions developed MEL NOTE: C&D reuse nates based on original model assumptions developed MEL Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  4: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I recyclus sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - A	0.042 0.165 0.033 0.126 0.126 andfill. In the or 39 9 61 9 30 9 2005 0.090 0.210 supplied by eac	0.179 0.036 0.136 riginal mode % % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 el assumptio  2007 0.087 0.203 n has accou	0.211 0.043 0.161 ns developed  2008 0.085 0.199 inted for C&E 2008 //A N//	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/ 2009	0.247 0.050 0.188 was assum  2010 0.082 0.192 an engineer 2010 A N. 2010 0.013	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196 0.196 ing material. 2011 2011 0.014	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A N/	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 A N/ 2013 0.018	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021	0.425 0.086 0.324 2016 0.086 0.201 2016 A N/ 2016 0.022	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/ 2017 0.022	0.453 0.092 0.345 2018 0.078 0.182 2018 4 N/ 2018	0.467 0.095 0.356 0.356 2019 0.074 0.173 2019 A N	0.481 0.098 0.367 2020 0.070 0.163 2020 1/A N	0.476 0.097 0.363  2021 0.071 0.166  2021 UA N 2021 0.024	0.470 0.096 0.359  2022 0.072 0.168  2022 /A N	0.464 0.094 0.354 0.354 2023 0.073 0.170 2023 0.024	0.458 0.093 0.350 2024 0.074 0.173 2024 A N. 2024 0.023	0.4 0.1 0.3 0.3 20 0.1 0.1 0.1
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'PRDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (3) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reuse rates based on non-hazardous landfill' (2) C&D reuse rates based on original model assumptions developed MEL (3) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that data so that it is not included within the charts because it has been assumed that d	0.042 0.165 0.033 0.126	0.179 0.036 0.136 riginal mode % % % % 2006 0.088 0.206 2006 2006 2006 0.009 0.000	0.194 0.039 0.148	2008 2008 2008 2008 2008 2008 2008 2008	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000	2010 0.082 0.192 2010 2010 2010 0.082 0.192 2010 0.013 0.000 0.000	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196  2011 A N/ 2011 0.014 0.000 0.000	0.314 0.064 0.239 2012 0.085 0.199 2012 2012 2012 0.016 0.000	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000 0.000	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019 0.000	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000 0.000	2016 0.086 0.324 2016 0.086 0.201 2016 0.022 0.000 0.000	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/ 0.022 0.000 0.000	0.453 0.092 0.345  2018 0.078 0.182  2018 0.023 0.000 0.000	0.467 0.095 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000	0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.0024 0.000 0.000	0.476 0.097 0.363  2021 0.071 0.166  2021 4/A 0.024 0.000 0.000	0.470 0.096 0.359 0.359 2022 0.072 0.168 2022 2022 0.024 0.000 0.000	0.464 0.094 0.354  2023 0.073 0.170  2023 I//A N  2023 0.024 0.000 0.000	0.458 0.093 0.350 0.350 0.350 0.073 0.073 0.003 0.000 0.000	0.4 0.0 0.3 0.3 20 0.0 0.1 20 0.0 0.0 0.0
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill'  Total reused C&D on inert landfill'  Total reused C&D on inert landfill'  Total RSW and C&I recycling and composting residue sent to hazardous landfill (1) C&D reuse and retrain and non-hazardous landfill is not included within the charts because it has been assumed that data is TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  4: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'MOn-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill scenarios (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill scenarios (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assume	0.042 0.165 0.033 0.126	0.179 0.036 0.136 riginal mode % % % % % 2006 0.088 0.206 ch sub-regio	0.194 0.039 0.148 0.148 0.039 0.148 0.148 0.148 0.148 0.148 0.2007 0.203 0.203 0.203 0.2007 0.2007 0.010 0.000	0.211 0.043 0.161 ns developed  2008 0.085 0.199 inted for C&E  2008 /A N/  2008 0.011 0.000	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/ 2009 0.012	0.247 0.050 0.188 was assum  2010 0.082 0.192 an engineer 2010 A N 2010 0.013	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196 ing material. 2011 A N/ 2011 0.014 0.000	0.314 0.064 0.239 C&D recycl 2012 0.085 0.199 2012 A N/ 2012 0.016 0.000	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 A N/ 2013 0.018	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000	0.425 0.086 0.324  2016 0.086 0.201  2016 A N/ 2016 0.022 0.000	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/ 0.022 0.000	0.453 0.092 0.345  2018 0.078 0.182  2018  2018 0.023 0.000	0.467 0.095 0.356 0.356 0.074 0.173 2019 0.024 0.024	0.481 0.098 0.367  2020 0.070 0.163  2020  0.024 0.000	0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000	0.470 0.096 0.359  2022 0.072 0.168  2022 /A N 2022 0.024 0.000	0.464 0.094 0.354 0.354 2023 0.073 0.170 2023 0.024 0.000	0.458 0.093 0.350  2024 0.074 0.173  2024 0.023 0.000	0.4 0.0 0.3 0.3 20 0.0 0.1 20 0.0 0.1 0.0 0.0
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YRDF (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill'  Total C&D reused on non-hazardous landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data set of the control of the contr	0.042 0.165 0.033 0.126 0.126 0.061 0.070 0.090 0.210 0.090 0.210 0.000 0.000 0.000 0.014	0.179 0.036 0.136 riginal mode % % % % 2006 0.088 0.206 2006 2006 0.009 0.000 0.015	0.194 0.039 0.148	2008 2008 0.011 2008 0.085 0.199 0.085 0.199 0.011 0.000 0.000 0.018	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000	2010 0.082 0.192 2010 2010 2010 0.082 0.192 2010 0.013 0.000 0.000	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196  2011 A N/ 2011 0.014 0.000 0.000	0.314 0.064 0.239 2012 0.085 0.199 2012 2012 2012 0.016 0.000	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000 0.000	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019 0.000	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000 0.000	2016 0.086 0.324 2016 0.086 0.201 2016 0.022 0.000 0.000	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/ 0.022 0.000 0.000	0.453 0.092 0.345  2018 0.078 0.182  2018 0.023 0.000 0.000	0.467 0.095 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000	0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.0024 0.000 0.000	0.476 0.097 0.363  2021 0.071 0.166  2021 4/A 0.024 0.000 0.000	0.470 0.096 0.359 0.359 2022 0.072 0.168 2022 2022 0.024 0.000 0.000	0.464 0.094 0.354  2023 0.073 0.170  2023 I//A N  2023 0.024 0.000 0.000	0.458 0.093 0.350 0.350 0.350 0.073 0.073 0.003 0.000 0.000	0.4 0.0 0.3 0.3 20 0.0 0.1 20 0.0 0.1 0.0 0.0
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by WBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by YBD' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yroettment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on inandfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill'  (1) C&D reuse rates based on on-hazardous landfill' Total C&D reuse on inert and non-hazardous landfill in tot included within the charts because it has been assumed that data self-landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data self-landfill'  (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data self-landfill'  (3) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by Non-specialist incineration' SECNARIO 1 - Assumes all recovery is by 'MBT' (based	0.042 0.165 0.033 0.126 0.126 0.061 0.07 0.07 0.090 0.210 0.2005 0.090 0.210 0.000 0.000 0.000 0.014 0.004	0.179 0.036 0.136 riginal mode % % % % 2006 0.088 0.206 2006 2006 0.009 0.000 0.015	0.194 0.039 0.148	2008 2008 0.011 2008 0.085 0.199 0.085 0.199 0.011 0.000 0.000 0.018	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000	2010 0.082 0.192 2010 2010 2010 0.082 0.192 2010 0.013 0.000 0.000	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196  2011 A N/ 2011 0.014 0.000 0.000	0.314 0.064 0.239 2012 0.085 0.199 2012 2012 2012 0.016 0.000	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 0.018 0.018 0.000 0.000	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019 0.000	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.021 0.000 0.000	2016 0.086 0.324 2016 0.086 0.201 2016 0.022 0.000 0.000	0.439 0.089 0.335  2017 0.082 0.191  2017 A N/ 0.022 0.000 0.000	0.453 0.092 0.345  2018 0.078 0.182  2018 0.023 0.000 0.000	0.467 0.095 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000	0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.0024 0.000 0.000	0.476 0.097 0.363  2021 0.071 0.166  2021 4/A 0.024 0.000 0.000	0.470 0.096 0.359 0.359 2022 0.072 0.168 2022 2022 0.024 0.000 0.000	0.464 0.094 0.354  2023 0.073 0.170  2023 I//A N  2023 0.024 0.000 0.000	0.458 0.093 0.350 0.350 0.350 0.073 0.073 0.003 0.000 0.000	200 0.01 0.03 0.03 0.00 0.01 0.01 0.00 0.00
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2. Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery is by NBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4. Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reuse rates based on on-hazardous landfill (1) C&D reuse rates based on on-hazardous landfill in total council landfill sent on inert landfill'  (2) C&D reuse rates based on on-hazardous landfill in total recovery capacity  Total MSW and C&I recycling and composting residue sent to hazardous landfill  (2) C&D reuse rates based on on-hazardous landfill is not included within the charts because it has been assumed that data's state of the landfill in the landfill'  (3) C&D reuse rates based on on-hazardous landfill is not included within the charts because it has been assumed that data's state of the landfill in the landfill in the charts because it has been assumed that data's state of the landfill in the landfill in the charts because it has been assumed that data's state of the landfill in the landfill	0.042 0.165 0.033 0.126 0.126 0.067 0.07 0.07 0.090 0.210 0.2005 0.090 0.210 0.000 0.000 0.000 0.001 0.014 nanaged waste	0.179 0.036 0.136 0.136 riginal mode % % % 2006 0.088 0.206 2006 4/A N 2006 0.009 0.000 0.015 versus ava	0.194 0.039 0.148	0.211 0.043 0.161 ns developed  2008 0.085 0.199  unted for C&E 2008 A N/A 0.011 0.000 0.000 0.018	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196  D reuse as a 2009 A N/ 2009 0.012 0.000 0.000	2010 0.082 0.192 2010 2010 0.082 0.192 2010 0.082 0.092 0.092 2010 0.001 0.001	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196 ing material. 2011 0.014 0.000 0.000 0.024	0.314 0.064 0.239 0.239 2012 0.085 0.199 2012 0.016 0.000 0.000	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 A N/ 2013 0.018 0.000 0.000	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A NA 2014 0.019 0.000 0.000	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.000 0.000 0.035	2016 0.086 0.324 2016 0.086 0.201 2016 A N/ 2016 0.002 0.000 0.000	0.439 0.089 0.335  2017 0.082 0.191  2017 A NM 2017 0.022 0.000 0.0037	0.453 0.092 0.345  2018 0.078 0.182  2018  2018 0.000 0.000 0.000 0.000	0.467 0.095 0.356 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000 0.000	0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.000 0.000 0.000	0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000 0.000 0.040	0.470 0.096 0.359 0.359  2022 0.072 0.168  2022 2022 0.024 0.000 0.000 0.000	0.464 0.094 0.354 0.354  2023 0.073 0.170  2023 V/A N 2023 0.024 0.000 0.000 0.039	0.458 0.093 0.350 0.350 0.074 0.073 0.073 0.000 0.003 0.000 0.003	0.45 0.05 0.34 0.07 0.17 0.17 202 /A 202 0.00 0.00 0.00
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reuse on inert landfill (1) C&D reuse on inert landfill (2) C&D reuse on inert and non-hazardous landfill into included within the charts because it has been assumed that data so the control of t	0.042 0.165 0.033 0.126 0.166 0.033 0.126 0.090 0.210 0.090 0.210 0.090 0.210 0.090 0.210 0.090 0.210 0.090 0.000 0.000 0.000 0.000 0.001 0.001 0.0014 nanaged waste	0.179 0.036 0.136 0.136 riginal mode % % % 2006 0.088 0.206 2006 4/A N 2006 0.009 0.000 0.015 versus ava	0.194 0.039 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0.2007 0.007 0.000 0.000 0.001 0.000 0.016	0.211 0.043 0.161 ns developed  2008 0.085 0.199  unted for C&E 2008 A N/A 0.011 0.000 0.000 0.018	0.228 0.046 0.174 d MEL 50%  2009 0.084 0.196  D reuse as a 2009 A N/ 2009 0.012 0.000 0.000	2010 0.082 0.192 2010 2010 0.082 0.192 2010 0.082 0.092 0.092 2010 0.001 0.001	0.280 0.057 0.213 ed to go to 6  2011 0.084 0.196 ing material. 2011 0.014 0.000 0.000 0.024	0.314 0.064 0.239 0.239 2012 0.085 0.199 2012 0.016 0.000 0.000	0.348 0.071 0.266 ing, rather th  2013 0.087 0.203  2013 A N/ 2013 0.018 0.000 0.000	0.380 0.077 0.290 nan to inert  2014 0.088 0.206  2014 A N/ 2014 0.019 0.000 0.002	0.412 0.084 0.314 landfi  2015 0.090 0.210  2015 A N/ 2015 0.000 0.000 0.035	2016 0.086 0.324 2016 0.086 0.201 2016 A N/ 2016 0.002 0.000 0.000	0.439 0.089 0.335  2017 0.082 0.191  2017 A NM 2017 0.022 0.000 0.0037	0.453 0.092 0.345  2018 0.078 0.182  2018  2018 0.000 0.000 0.000 0.000	0.467 0.095 0.356 0.356 0.356 0.074 0.173 2019 0.024 0.000 0.000 0.000	0.481 0.098 0.367 2020 0.070 0.163 2020 0.024 0.000 0.000 0.000	0.476 0.097 0.363  2021 0.071 0.166  2021 0.024 0.000 0.000 0.040	0.470 0.096 0.359 0.359  2022 0.072 0.168  2022 2022 0.024 0.000 0.000 0.000	0.464 0.094 0.354 0.354  2023 0.073 0.170  2023  0.024 0.000 0.000 0.039	0.458 0.093 0.350 0.350 0.074 0.073 0.073 0.000 0.003 0.000 0.003	20.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.

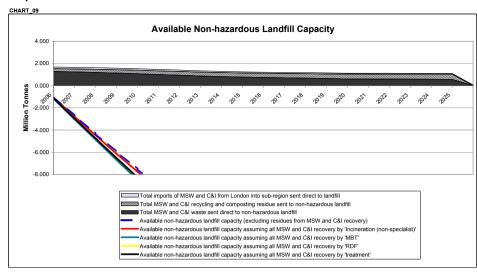




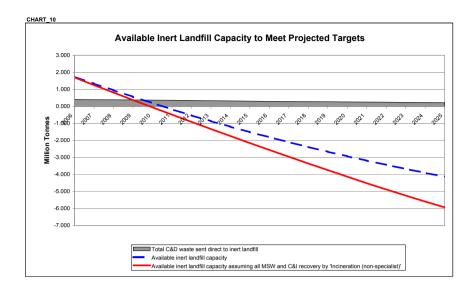
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)





NOTE: The graph assumes that the baseline capacity for non-hazardous landfill has accounted for C&D reuse as a landfill engineering material.



#### SUMMARY DATA AND RESULTS FOR ISLE OF WIGHT

W	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	NOTE OUR TO OUTSING THE NEEDS TO (MINION TOWNSO)		0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125
w - imports f	from london that are sent direct to non-hazardous landfill		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
			0.137	0.140	0.144	0.147	0.151	0.154	0.157	0.160	0.164	0.167	0.169	0.172	0.174	0.177	0.180	0.181	0.183	0.185	0.187
l - imports fro	om london that are sent direct to non-hazardous landfill		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ardous			0.171 0.003	0.171 0.003	0.171 0.003	0.171 0.003	0.171 0.003	0.171 0.003	0.171 0.003	0.171	0.171 0.003	0.171	0.171 0.004	0.171 0.004	0.171 0.004	0.171 0.004	0.171 0.004	0.171 0.004	0.171 0.004	0.171	0.171
ardous			0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
STE STRE	AM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	LATS shortfall (how much extra is landfilled above LATS target)		0.003	0.003	0.002	0.002	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Recycling and composting target		0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074
	Recovery target		0.006	0.008	0.009	0.011	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031
	Non-hazardous landfill		0.052	0.051	0.049	0.048	0.045	0.041	0.036	0.032	0.030	0.028	0.026	0.025	0.023	0.022	0.020	0.020	0.020	0.020	0.020
ī	Recycling and composting target		0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120
ŗ	Recovery target		0.019	0.020	0.021	0.022	0.023	0.025	0.027	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036
1	Non-hazardous landfill		0.060	0.058	0.057	0.055	0.053	0.051	0.049	0.046	0.044	0.042	0.040	0.039	0.037	0.036	0.034	0.033	0.033	0.032	0.031
F	Recycling target		0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102
F	Recovery target		0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051
- 1	Inert landfill		0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018
dous F	Hazardous waste		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
1	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	s that this e	extra waste	is recycled/o	composted	and recover	ed at the sa	me ratio as	the regional	targets for	recycling/co	mposting a	nd recovery	for that year	ir.					
ING/DI /	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL POLITE	(Million To	nnoe\																	
		DAL ROUTE (	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
and C&I r																					
	Total existing/planned MSW and C&I recovery capacity		0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
	Surplus/deficit capacity		0.054	0.052	0.050	0.047	0.045	0.040	0.035	0.029	0.025	0.020	0.018	0.016	0.014	0.012	0.009	0.010	0.011	0.012	0.013
	recycling and composting																				
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.019	-0.026	-0.032	-0.040	-0.047	-0.054	-0.061	-0.067	-0.072	-0.078	-0.082	-0.087	-0.092	-0.098	-0.103	-0.108	-0.113	-0.119	-0.124
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.033	-0.039	-0.046	-0.053	-0.061	-0.067	-0.074	-0.080	-0.086	-0.091	-0.096	-0.101	-0.106	-0.111	-0.116	-0.121	-0.127	-0.132	-0.137
ecycling																					
	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.078	-0.080	-0.082	-0.084	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.089	-0.092	-0.096	-0.099	-0.102	-0.102	-0.102	-0.102	-0.102
covery																					
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.733	1.651	1.569	1.486	1.404	1.382	1.360	1.338	1.316	1.294	1.266	1.237	1.209	1.180	1.152	1.172	1.192	1.212	1.232
	ste recycling																				
7	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surolus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
azardous			N/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	N/A	IN/A	IN/A	IN/A	IN/A	N/A	N/A	N/A	IN/A	IN/A
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.950	0.817	0.685	0.555	0.428	0.304	0.185	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.528	-0.621	-0.711	-0.801	-0.892	-0.983
	Available non-hazardous landfill capacity (excideng lesidaes non-move and oct recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950	0.813	0.677	0.543	0.411	0.281	0.156	0.036	-0.079	-0.191	-0.299	-0.407	-0.513	-0.617	-0.720	-0.821	-0.922	-1.023	-1.124
	Available non-nazardous randrill capacity assuming all WSVV and C&I recovery by Incineration (non-specialist)			0.801	0.677		0.411		0.156	-0.068	-0.079	-0.191	-0.299	-0.407			-1.012				
	Available non hazardous landfill canacity accuming all MSW and CRI receiver by 'MPT'					0.506													1 276		
F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.950			0.506		0.215			0.070	0.190	0.207	0.303	-0.745	-0.879		-1.144	-1.276	-1.407	-1.538
A	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.950	0.814	0.679	0.545	0.414	0.286	0.162	0.043	-0.070	-0.180	-0.287	-0.393	-0.497	-0.599	-0.700	-0.799	-0.898	-0.997	-1.096
# #											-0.070 -0.165	-0.180 -0.293	-0.287 -0.420	-0.393 -0.546							
A A Andfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.950 0.950	0.814 0.805	0.679 0.661	0.545 0.518	0.414 0.376	0.286 0.236	0.162 0.099	0.043 -0.035	-0.165	-0.293	-0.420	-0.546	-0.497 -0.671	-0.599 -0.796	-0.700 -0.919	-0.799 -1.041	-0.898 -1.163	-0.997 -1.285	-1.096 -1.406
A A Andfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity		0.950 0.950 0.000	0.814 0.805 -0.032	0.679 0.661 -0.063	0.545 0.518 -0.093	0.414 0.376 -0.123	0.286 0.236 -0.152	0.162 0.099 -0.180	0.043 -0.035 -0.207	-0.165 -0.233	-0.293 -0.258	-0.420 -0.282	-0.546 -0.305	-0.497 -0.671 -0.327	-0.599 -0.796 -0.349	-0.700 -0.919 -0.370	-0.799 -1.041 -0.391	-0.898 -1.163	-0.997 -1.285 -0.430	-1.096 -1.406
indfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950 0.950	0.814 0.805	0.679 0.661	0.545 0.518	0.414 0.376	0.286 0.236	0.162 0.099	0.043 -0.035	-0.165	-0.293	-0.420	-0.546	-0.497 -0.671	-0.599 -0.796	-0.700 -0.919	-0.799 -1.041	-0.898 -1.163	-0.997 -1.285	-1.096 -1.406
indfill  A  dous land	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  ffill		0.950 0.950 0.000 0.000	0.814 0.805 -0.032 -0.036	0.679 0.661 -0.063 -0.071	0.545 0.518 -0.093 -0.106	0.414 0.376 -0.123 -0.140	0.286 0.236 -0.152 -0.175	0.162 0.099 -0.180 -0.209	0.043 -0.035 -0.207 -0.242	-0.165 -0.233 -0.276	-0.293 -0.258 -0.309	-0.420 -0.282 -0.342	-0.546 -0.305 -0.374	-0.497 -0.671 -0.327 -0.407	-0.599 -0.796 -0.349 -0.438	-0.700 -0.919 -0.370 -0.470	-0.799 -1.041 -0.391 -0.501	-0.898 -1.163 -0.411 -0.531	-0.997 -1.285 -0.430 -0.561	-1.096 -1.406 -0.448 -0.589
andfill  A  A  A  A  A  A  A  A  A  A  A  A	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  dfill Available hazardous landfill capacity		0.950 0.950 0.000	0.814 0.805 -0.032	0.679 0.661 -0.063	0.545 0.518 -0.093	0.414 0.376 -0.123	0.286 0.236 -0.152	0.162 0.099 -0.180	0.043 -0.035 -0.207	-0.165 -0.233	-0.293 -0.258	-0.420 -0.282	-0.546 -0.305	-0.497 -0.671 -0.327	-0.599 -0.796 -0.349	-0.700 -0.919 -0.370	-0.799 -1.041 -0.391	-0.898 -1.163	-0.997 -1.285 -0.430	-1.096 -1.406
indfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  ffill		0.950 0.950 0.000 0.000	0.814 0.805 -0.032 -0.036	0.679 0.661 -0.063 -0.071	0.545 0.518 -0.093 -0.106	0.414 0.376 -0.123 -0.140	0.286 0.236 -0.152 -0.175	0.162 0.099 -0.180 -0.209	0.043 -0.035 -0.207 -0.242	-0.165 -0.233 -0.276	-0.293 -0.258 -0.309	-0.420 -0.282 -0.342	-0.546 -0.305 -0.374	-0.497 -0.671 -0.327 -0.407	-0.599 -0.796 -0.349 -0.438	-0.700 -0.919 -0.370 -0.470	-0.799 -1.041 -0.391 -0.501	-0.898 -1.163 -0.411 -0.531	-0.997 -1.285 -0.430 -0.561	-1.096 -1.406 -0.448 -0.589
andfill  A  dous land	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  dfill Available hazardous landfill capacity	2005	0.950 0.950 0.000 0.000	0.814 0.805 -0.032 -0.036	0.679 0.661 -0.063 -0.071	0.545 0.518 -0.093 -0.106	0.414 0.376 -0.123 -0.140	0.286 0.236 -0.152 -0.175	0.162 0.099 -0.180 -0.209	0.043 -0.035 -0.207 -0.242	-0.165 -0.233 -0.276	-0.293 -0.258 -0.309	-0.420 -0.282 -0.342	-0.546 -0.305 -0.374	-0.497 -0.671 -0.327 -0.407	-0.599 -0.796 -0.349 -0.438	-0.700 -0.919 -0.370 -0.470	-0.799 -1.041 -0.391 -0.501	-0.898 -1.163 -0.411 -0.531	-0.997 -1.285 -0.430 -0.561	-1.096 -1.406 -0.448 -0.589
indfill  A  dous land  A  N  01: ARI	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  dfill  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.	2005	0.950 0.950 0.000 0.000 0.000	0.814 0.805 -0.032 -0.036 0.000	0.679 0.661 -0.063 -0.071 0.000	0.545 0.518 -0.093 -0.106 0.000	0.414 0.376 -0.123 -0.140 0.000	0.286 0.236 -0.152 -0.175 0.000	0.162 0.099 -0.180 -0.209 0.000	0.043 -0.035 -0.207 -0.242 0.000	-0.165 -0.233 -0.276 0.000	-0.293 -0.258 -0.309 0.000	-0.420 -0.282 -0.342 0.000	-0.546 -0.305 -0.374 0.000	-0.497 -0.671 -0.327 -0.407	-0.599 -0.796 -0.349 -0.438	-0.700 -0.919 -0.370 -0.470 0.000	-0.799 -1.041 -0.391 -0.501	-0.898 -1.163 -0.411 -0.531 0.000	-0.997 -1.285 -0.430 -0.561 0.000	-1.096 -1.406 -0.448 -0.589
ndfill  Adous land  A  O1: ARI	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  dfill  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	0.950 0.950 0.000 0.000 0.000	0.814 0.805 -0.032 -0.036 0.000	0.679 0.661 -0.063 -0.071 0.000	0.545 0.518 -0.093 -0.106 0.000	0.414 0.376 -0.123 -0.140 0.000	0.286 0.236 -0.152 -0.175 0.000	0.162 0.099 -0.180 -0.209 0.000	0.043 -0.035 -0.207 -0.242 0.000	-0.165 -0.233 -0.276 0.000	-0.293 -0.258 -0.309 0.000	-0.420 -0.282 -0.342 0.000	-0.546 -0.305 -0.374 0.000	-0.497 -0.671 -0.327 -0.407	-0.599 -0.796 -0.349 -0.438	-0.700 -0.919 -0.370 -0.470 0.000	-0.799 -1.041 -0.391 -0.501	-0.898 -1.163 -0.411 -0.531 0.000	-0.997 -1.285 -0.430 -0.561 0.000	-1.096 -1.406 -0.448 -0.589
ndfill  A  dous land  N  01: ARI  (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available inert landfill capacity Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year		0.950 0.950 0.000 0.000 0.000	0.814 0.805 -0.032 -0.036 0.000	0.679 0.661 -0.063 -0.071 0.000	0.545 0.518 -0.093 -0.106 0.000	0.414 0.376 -0.123 -0.140 0.000	0.286 0.236 -0.152 -0.175 0.000	0.162 0.099 -0.180 -0.209 0.000	0.043 -0.035 -0.207 -0.242 0.000	-0.165 -0.233 -0.276 0.000	-0.293 -0.258 -0.309 0.000	-0.420 -0.282 -0.342 0.000	-0.546 -0.305 -0.374 0.000	-0.497 -0.671 -0.327 -0.407 0.000	-0.599 -0.796 -0.349 -0.438 0.000	-0.700 -0.919 -0.370 -0.470 0.000	-0.799 -1.041 -0.391 -0.501 0.000	-0.898 -1.163 -0.411 -0.531 0.000	-0.997 -1.285 -0.430 -0.561 0.000	-1.096 -1.406 -0.448 -0.589 0.000
ndfill  A  dous land  N  01: ARI  (1) F  (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' dfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	0.950 0.950 0.000 0.000 0.000 2006	0.814 0.805 -0.032 -0.036 0.000 2007	0.679 0.661 -0.063 -0.071 0.000 2008	0.545 0.518 -0.093 -0.106 0.000 2009	0.414 0.376 -0.123 -0.140 0.000 2010	0.286 0.236 -0.152 -0.175 0.000 2011 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012	0.043 -0.035 -0.207 -0.242 0.000 2013	-0.165 -0.233 -0.276 0.000 2014 2.0%	-0.293 -0.258 -0.309 0.000 2015 2.0%	-0.420 -0.282 -0.342 0.000 2016	-0.546 -0.305 -0.374 0.000 2017	-0.497 -0.671 -0.327 -0.407 0.000 2018	-0.599 -0.796 -0.349 -0.438 0.000 2019	-0.700 -0.919 -0.370 -0.470 0.000 2020	-0.799 -1.041 -0.391 -0.501 0.000 2021	-0.898 -1.163 -0.411 -0.531 0.000 2022	-0.997 -1.285 -0.430 -0.561 0.000 2023	-1.096 -1.406 -0.448 -0.589 0.000 2024
### ### ### ### ### ### ### ### #### ####	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty'  fill  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINOS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)	3.0% 106%	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5%	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127%	-0.165 -0.233 -0.276 0.000 2014 2.0% 130%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133%	-0.420 -0.282 -0.342 0.000 2016 1.5% 135%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137%	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 139%	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% 141%	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152%
ndfill  A  dous land  N  01: ARI  (1) F  (1) F  (1) F  (1) F  (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialist)'  dfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecasts sub-regional growth growth rate of MSW - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%)	3.0% 106% 0.088	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.090	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 139% 0.115	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% 141% 0.116	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125
ndfill  A  dous land  N  01: ARI  (1) F  (1) F  (1) F  (1) F  (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialist)'  dfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecasts sub-regional growth growth rate of MSW - per year (%) Forecast sub-regional growth forecasts Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%)	3.0% 106% 0.088 3.0%	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.090 2.5%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5%	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0%	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0%	-0.420 -0.282 -0.342 0.000 2016 1.5% 1.35% 0.111 1.5%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5%	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 139% 0.115 1.5%	-0.599 -0.796 -0.349 -0.438 -0.000 2019 1.5% 141% 0.116 1.5%	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125 1.5%
01: ARI (1) F (1) F (1) F	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfil capacity Available inert landfil capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' dfili  Available hazardous landfil capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per well Forecast signing level growth rate of MSW - per year (%) Forecast signing level growth rate of MSW - per year (%) Forecast signing level growth rate of MSW - per year (%)	3.0% 106% 0.088 3.0% 106%	0.950 0.950 0.000 0.000 0.000 2.006 2.5% 109% 0.990 2.5%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 111%	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5% 114%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 11778	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127%	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 133%	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 135%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5%	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 139% 0.115 1.5% 139%	-0.599 -0.796 -0.349 -0.438 -0.000 2019 1.5% 141% 0.116 1.55%	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.5%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 152%
01: ARI (1) F (1) F	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfil capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' dfil  Available hazardous landfil capacity  Available hazardous landfil capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate-perional growth forecasts	3.0% 106% 0.088 3.0% 106% 0.088	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.090 2.5% 0.090	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5%	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 0.097	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 1.20% 0.099	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105	-0.165 -0.233 -0.276 0.000  2014 2.0% 130% 0.107 2.0% 0.107	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 133% 0.110	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 0.111	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5%	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 139% 0.115 1.5% 139% 0.115	-0.599 -0.796 -0.349 -0.438 -0.000 2019 1.5% 141% 0.116 1.5%	-0.700 -0.919 -0.370 -0.470 -0.000 2020 1.5% 143% 0.118 1.5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.5% 0.120	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125
ndfill  /	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth orecasts  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year	3.0% 106% 0.088 3.0% 106% 0.088	0.950 0.950 0.000 0.000 0.000 2.006 2.5% 109% 0.090 2.5% 109%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 111% 0.092	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5% 114% 0.094	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.097	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105	-0.165 -0.233 -0.276 0.000  2014  2.0% 130% 0.107 2.0% 130% 0.107	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0%	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 135% 0.111	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 137% 0.113	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 1.39% 0.115 1.5% 1.39% 0.115	-0.599 -0.796 -0.349 -0.438 0.000 2019 1.5% 141% 0.116 1.5%	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5% 0.120	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125
01: ARI (1) F	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' dfil  Available hazardous landfili capacity  Available hazardous landfili capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - yer year (%)  Forecast sub-regional growth of MSW - with the companies of MSW using regional growth forecasts usb-regional growth rate of MSW - word (%)  Forecast sub-regional growth rate of MSW - word (%)  Forecast sub-regional growth rate of MSW - word (%)  Forecast sub-regional growth rate of MSW - word (%)  Forecast sub-regional growth rate of MSW - word (%)  Forecast sub-regional growth rate of MSW - growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)	3.0% 106% 0.088 3.0% 106% 0.088	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.090 2.5% 0.090	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5%	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.097 2.5% 130% 0.147	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 1.20% 0.099	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105	-0.165 -0.233 -0.276 0.000  2014 2.0% 130% 0.107 2.0% 0.107	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 133% 0.110	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 0.111	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5%	-0.497 -0.671 -0.327 -0.407 0.000 2018 1.5% 139% 0.115 1.5% 139% 0.115	-0.599 -0.796 -0.349 -0.438 -0.000 2019 1.5% 141% 0.116 1.5%	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.5% 0.120	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125
01: ARI (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  drill  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - unutative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts and the standard of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts and the standard of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts and the standard of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts and the standard of MSW - cumulative (%)  Forecast stouchall revel growth rate of C&I - per year (%)  Forecast stouchall evel growth rate of C&I - per year (%)  Forecast stouchall evel growth rate of C&I - cumulative (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117%	0.950 0.950 0.000 0.000 0.000 2.066 2.5% 109% 0.090 2.5% 10990 12.5%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 1111% 0.092	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.55% 1149 0.094	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.097	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 120	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141%	-0.165 -0.233 -0.276 0.000  2014  2.0% 130% 0.107 2.0% 0.107 2.0% 144%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 147%	-0.420 -0.282 -0.342 0.000  2016  1.5% 135% 0.111 1.5% 0.111 1.5% 149%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 0.113 1.5% 151%	-0.497 -0.671 -0.327 -0.407 -0.000 2018 -1.5% -1.39% -0.115 -1.5%	-0.599 -0.796 -0.349 -0.438 -0.000 2019 	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5% 143% 1.5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5% 0.120 1.5% 145% 0.120	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 0.122 1.5% 147% 0.122 1.0% 161%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.5% 0.125
01: ARI (1) F	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' dfil  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' dfil  Available hazardous landfili capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast stepional growth greed of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - word of MSW - word of MSW using sub-regional growth forecasts  Total arisings of MSW using very engional growth forecasts  Total arisings of MSW using very engional growth forecasts  Total arisings of C&I in baseline year  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134	0.950 0.950 0.000 0.000 0.000 0.000 2006 2.5% 109% 0.090 2.5% 109% 0.090 2.5% 109% 0.090	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 1119 0.092 2.5% 123% 0.140 2.5%	0.679 0.661 -0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5% 114% 0.094 2.5% 126% 0.144	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.097 2.5% 130% 0.147	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 133% 0.151	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.157 2.0% 138% 0.157 2.0%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141%	-0.165 -0.233 -0.276 0.000  2014	-0.293 -0.258 -0.309 0.000 2015	-0.420 -0.282 -0.342 0.000  2016  1.5% 135% 0.111 1.5% 149% 0.169 1.5% 149%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 137% 0.113 1.5% 151% 0.172	-0.497 -0.671 -0.327 -0.407 -0.000 	-0.599 -0.796 -0.349 -0.438 -0.000 -0.199 -0.116 -0.116 -0.116 -1.5% -1.	-0.700 -0.919 -0.370 -0.470 -0.0000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.0% 160% 0.181	-0.898 -1.163 -0.411 -0.531 0.000 	-0.997 -1.285 -0.430 -0.561 0.000 -0.561 0.000 -0.223 -1.5% -1.49% 0.123 -1.0% -1.63% 0.185 -1.0% -1.63% 0.185 -1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.0% 164% 0.187 1.0%
01: ARI (1) F	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' dfil  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' dfil  Available hazardous landfili capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast stepional growth greed of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - word of MSW - word of MSW using sub-regional growth forecasts  Total arisings of MSW using very engional growth forecasts  Total arisings of MSW using very engional growth forecasts  Total arisings of C&I in baseline year  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3%	0.950 0.950 0.000 0.000 0.000 0.000 2.006 2.5% 109% 0.090 2.5% 120% 0.137 2.5%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 1111% 0.092 2.5% 123% 0.140 2.5%	2.5% 114% 0.094 2.5% 126% 0.014 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.40% 0.30% 0.40% 0.50%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 133% 0.151 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103 2.0% 138% 0.153	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141% 0.105	-0.165 -0.233 -0.276 0.000  2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164 2.0%	-0.293 -0.258 -0.309 0.000  2015  2.0% 133% 0.110  2.0% 147% 0.167 2.0%	-0.420 -0.282 -0.342 0.000  2016 1.5% 0.111 1.5% 0.111 1.5% 149% 0.169 1.55%	-0.546 -0.305 -0.374 -0.000 2017	-0.497 -0.671 -0.327 -0.407 -0.000 2018 -1.5% -1.39% -0.115 -1.5%	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% 141% -0.116 -1.5% 156% -0.177 -1.5%	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5% 158% 0.188 0.180	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5% 0.120 1.0% 160% 0.18	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.0% 161% 0.183 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123 1.0% 163% 0.185	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125 1.5% 152% 0.125 1.0% 164% 0.185
01: ARI  (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Available inert landfill capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast segional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - preyear (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - preyear (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117%	0.950 0.950 0.000 0.000 0.000 0.000 2.006 2.5% 109% 0.990 2.5% 120% 0.137 2.5% 120%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 1119 0.092 2.5% 123% 0.140 2.5%	2.5% 114% 2.5% 114% 2.5% 1144 2.5% 0.144 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.97 2.5% 130% 0.147 2.5% 130%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.151 2.5% 133% 0.151 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.157 2.0% 138% 0.157 2.0%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141%	-0.165 -0.233 -0.276 0.000  2014	-0.293 -0.258 -0.309 0.000 2015	-0.420 -0.282 -0.342 0.000  2016  1.5% 135% 0.111 1.5% 149% 0.169 1.5% 149%	-0.546 -0.305 -0.374 -0.000 2017 -1.5% -0.113 -1.5% -0.113 -1.5% -0.172 -1.5% -0.172 -1.5% -0.172 -1.5% -0.15% -0.	-0.497 -0.671 -0.327 -0.407 -0.000 	-0.599 -0.796 -0.349 -0.438 -0.000 -0.199 -0.116 -0.116 -0.116 -1.5% -1.	-0.700 -0.919 -0.370 -0.470 -0.0000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.0% 160% 0.181 1.0%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 147% 0.128 1.0% 161% 0.183	-0.997 -1.285 -0.430 -0.561 0.000 -0.561 0.000 -0.223 -1.5% -1.49% 0.123 -1.0% -1.63% 0.185 -1.0% -1.63% 0.185 -1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.0% 164% 0.187 1.0%
01: ARI 01: ARI (1) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Ordination of the control of the control of the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117%	0.950 0.950 0.000 0.000 0.000 0.000 2.006 2.5% 109% 0.990 2.5% 120% 0.137 2.5% 120%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 1119 0.092 2.5% 123% 0.140 2.5%	2.5% 114% 2.5% 114% 2.5% 1144 2.5% 0.144 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.97 2.5% 130% 0.147 2.5% 130%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.151 2.5% 133% 0.151 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.157 2.0% 138% 0.157 2.0%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141%	-0.165 -0.233 -0.276 0.000  2014	-0.293 -0.258 -0.309 0.000 2015	-0.420 -0.282 -0.342 0.000  2016  1.5% 135% 0.111 1.5% 149% 0.169 1.5% 149%	-0.546 -0.305 -0.374 -0.000 2017 -1.5% -0.113 -1.5% -0.113 -1.5% -0.172 -1.5% -0.172 -1.5% -0.172 -1.5% -0.15% -0.	-0.497 -0.671 -0.327 -0.407 -0.000 	-0.599 -0.796 -0.349 -0.438 -0.000 -0.199 -0.116 -0.116 -0.116 -1.5% -1.	-0.700 -0.919 -0.370 -0.470 -0.0000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.000	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.0% 160% 0.181 1.0%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 147% 0.128 1.0% 161% 0.183	-0.997 -1.285 -0.430 -0.561 0.000 -0.561 0.000 -0.223 -1.5% -1.49% 0.123 -1.0% -1.63% 0.185 -1.0% -1.63% 0.185 -1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.0% 164% 0.187 1.0%
01: ARI  01: ARI  (1) F  (2) F  (3) F  (4) F  (4) F  (5) F  (6) F  (7) F  (7) F  (8) F  (9) F  (9) F  (10) F	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  On the control of the	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117% 0.134	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.990 2.5% 120% 0.137	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 111% 0.02 2.5% 123% 0.140	2.5% 114% 0.098 2.5% 114% 0.094 2.5% 114% 0.094 2.5% 114% 0.094 126% 0.144	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.147	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.151 33% 0.151	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 138% 0.157 2.0%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141% 0.160	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 147% 0.167 2.0%	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 135% 0.111 1.5% 149% 0.169	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 137% 0.113 1.5% 151% 0.172	-0.497 -0.671 -0.327 -0.407 -0.000 2018 -1.5% -1.39% -0.115 -1.5%	-0.599 -0.796 -0.349 -0.438 -0.000 	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5% 158% 0.118 0.180	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5% 0.120 1.0% 160% 0.181	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 147% 0.122 1.0% 161% 0.183	-0.997 -1.285 -0.430 -0.561 -0.000 2023 -1.5% -149% -0.123 -1.0% -163% -0.185 -1.0% -163% -0.185	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125 1.5% 0.125 1.0% 164% 0.187
### ### ### ### ### ### ### ### ### ##	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  drill  Available inert landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%) Forecast sub-regional growth proceasts  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)  Forecast stream and level growth rate of C&I - cumulative (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117% 0.134 3.3%	0.950 0.950 0.000 0.000 0.000 2.006 2.5% 109% 0.990 2.5% 109% 0.990 2.5% 120% 0.137 2.5% 0.137	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 123% 0.140 2.5% 123%	2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 1177 0.097 2.5% 130% 0.147 2.5% 0.147	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 133% 0.151 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136% 0.154	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103 2.0% 138% 0.157 2.0% 138% 0.157	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 0.105 2.0% 0.105 2.0% 141% 0.160 2.0% 141% 0.160	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130% 0.104 2.0% 144% 0.164 2.0% 144%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 147% 0.167 2.0% 147% 0.167	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 149% 0.169 1.55% 149% 0.169	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 151% 0.172 1.5% 0.172	-0.497 -0.671 -0.327 -0.407 -0.000 	-0.599 -0.796 -0.349 -0.438 -0.000 	-0.700 -0.919 -0.370 -0.470 0.000 2020 1.5% 143% 0.118 1.5% 158% 0.180 1.5% 158% 0.180	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5% 0.120 1.0% 160% 0.181 1.0%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 147% 0.122 1.0% 161% 0.183 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123 1.0% 163% 0.185 1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125 1.5% 152% 0.125 1.0% 164% 0.187 1.0%
# # # # # # # # # # # # # # # # # # #	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty'  drill  Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.  ISIINOS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - yer year (%)  Forecast sub-regional growth gord of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I in baseline year  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of Per year (%)  Forecast regional level growth rate of Per year (%)  Forecast regional level growth rate of Per year (%)  Forecast regional level growth rate of Per year (%)  Forecast regional level growth rate of Per year (%)  Forecast regional level growth rate of Per year (%)  Forecast regional level growth rate of Per year (%)  Forecast	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 1177% 0.134	0.950 0.950 0.000 0.000 0.000 2.006 2.5% 109% 0.99 2.5% 120% 0.137 2.5% 120% 0.137 2.5% 120% 0.139 120%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 1119 0.140 2.5% 123% 0.140 2.5% 123% 0.140 2.5%	2.5% 126% 0.091 2.5% 114% 0.094 2.5% 114% 0.094 2.5% 126% 0.144 2.5% 126% 126% 126% 126% 126%	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.147 2.5% 130% 0.147 2.5% 130% 13	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.151 2.5% 133% 0.151 2.5% 133% 0.151 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.154 136% 0.154 2.0% 136% 0.154 2.0% 136%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.153 3.20% 138% 0.157 2.0% 138% 0.158	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.160 141% 0.160 0.160 141% 0.160 0.16	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 144% 0.164 2.0% 144% 0.164 2.0% 131%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 147% 0.167 2.0% 147% 0.167 2.0% 147% 0.167 2.0%	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 149% 0.169 1.5% 149% 0.169 1.5%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 137% 0.113 1.5% 151% 0.172 1.5% 151% 0.172 1.5% 151%	-0.497 -0.671 -0.327 -0.407 -0.407 -0.000 	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% -1.16 -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.16 -1.5% -1.16 -1.5% -1.16 -1	-0,700 -0,919 -0,370 -0,470 -0,470 -0,000 2020 1,5% 143% 0,118 1,5% 143% 0,180 1,5% 158% 0,180 1,5% 144%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.0% 160% 0.181 1.0% 160% 0.181 1.0%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 147% 0.183 1.0% 161% 0.183 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.0% 163% 0.183 1.0% 163% 0.183 1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125 1.0% 164% 0.187 1.0% 164% 0.187
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  diffil  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - per year (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Arisings of C&I using regional growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast regional level growth rate of C&I - cumulative (%)  Forecast regional level growth rate of C&I - cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumulative (%)  Forecast regional level growth rate of ABI- cumul	3.0% 106% 0.088 3.0% 0.088 3.3% 117% 0.134 3.3% 117% 0.134 3.3% 107% 0.003	0.950 0.950 0.000 0.000 0.000 2.006 2.5% 1.09% 0.090 2.5% 1.20% 0.137 2.5% 1.20% 0.137 2.5% 1.20% 0.137	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 123% 0.140 2.5% 123% 0.140	2.5% 116% 0.04 2.5% 114% 0.094 2.5% 114% 0.094 2.5% 126% 0.144 2.5% 126% 0.144 0.144 0.144 0.144 0.145 0.145 0.145 0.156	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 117% 0.147 2.5% 130% 0.147 2.5% 130% 0.147	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 133% 0.151 2.5% 1313% 0.151	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136% 0.154	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 138% 0.157 2.0% 138% 0.157	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 141% 0.160	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164 2.0% 131% 0.164 2.0% 131% 0.104	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 147% 0.167 2.0% 147% 0.167	-0.420 -0.282 -0.342 0.000 2016 1.5% 135% 0.111 1.5% 1.5% 1.15% 1.5% 0.169 1.5% 1.5% 0.169	-0.546 -0.305 -0.374 0.000 2017 1.5% 0.173 0.113 1.5% 0.113 1.5% 0.172 1.5% 0.172 1.5% 0.172 1.5% 0.172	-0.497 -0.671 -0.327 -0.407 -0.000 2018 -1.5% -1.59% -0.115 -1.59% -0.115 -1.59% -0.174 -0.174 -0.17	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% -141% -0.116 -1.5% -1.56% -0.177 -1.56% -0.177 -1.55% -0.177 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0	-0,700 -0,919 -0,370 -0,470 0,000 2020 1,5% 143% 0,118 1,5% 1,5% 1,5% 0,180 1,5% 1,5% 1,5% 0,180 1,5% 1,5% 1,5% 1,5% 1,5% 1,5% 1,5% 1,5%	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 0.120 1.5% 0.120 1.0% 0.181 1.0% 0.181 1.0% 1.0%	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.0% 161% 0.183 1.0% 161% 0.183	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123 1.0% 163% 0.185 1.0% 143% 0.185	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 152% 0.125 1.5% 152% 0.125 1.0% 164% 0.187 1.0% 164% 0.187
### ### ### ### ### ### ### ### ### ##	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty'  dfili  Available hazardous landfili capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - yer year (%)  Forecast sub-regional growth growth forecasts  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using us-regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of Pazardous waste - per year (%)  Forecast regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of C@I onall per year year that of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117% 0.134 3.3% 107% 0.003 3.3%	0.950 0.950 0.950 0.000 0.000 0.000 2.006 2.5% 109% 0.99 2.5% 120% 0.137 2.5% 120% 0.137 2.5% 120% 0.000 0.000	0.814 0.805 -0.032 -0.036 -0.000 2007 2.5% 111% 0.092 2.5% 123% 0.140 2.5% 123% 0.140 2.5% 123% 0.140 2.5% 123% 0.000	2.5% 114% 0.094 2.5% 114% 0.094 2.5% 114% 0.144 2.5% 0.144 2.5% 0.145 0.145 0.145 0.145 0.145 0.145 0.145	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.147 2.5% 130% 0.147 2.5% 18% 0.003	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.151 2.5% 133% 0.151 2.5% 133% 0.151 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.154 136% 0.154 2.0% 136% 0.154 2.0% 136% 0.154 2.0%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103 2.0% 138% 0.157 2.0% 138% 0.157 2.0% 138% 0.157 2.0%	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 128% 0.000	-0.165 -0.233 -0.276 0.000  2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164 2.0% 131% 0.003 2.0%	-0.293 -0.258 -0.309 0.000 2015 2.0% 133% 0.110 2.0% 147% 0.167 2.0% 147% 0.167 2.0% 133% 0.003	-0.420 -0.282 -0.342 0.000  2016 1.5% 135% 0.111 1.5% 149% 0.169 1.55% 149% 0.169 1.55% 149% 0.169 1.55%	-0.546 -0.305 -0.374 0.000 2017 1.5% 137% 0.113 1.5% 151% 0.172 1.5% 151% 0.172 1.5% 137% 0.0.72	-0.497 -0.671 -0.327 -0.407 -0.407 -0.000 	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.5% -1.41% -1.5% -	-0,700 -0,919 -0,370 -0,470 -0,470 -0,000 2020 1,5% 143% 0,118 1,5% 158% 0,180 1,5% 158% 0,180 1,5% 144% 0,004	-0.799 -1.041 -0.391 -0.501 0.000 2021 1.5% 145% 0.120 1.0% 160% 0.120 1.0% 160% 0.181 1.0%	-0.898 -1.163 -0.411 -0.531 0.000  2022 1.5% 147% 0.122 1.0% 161% 0.183 1.0% 161% 0.184 0.184 0.184 0.185	-0.997 -1.285 -0.430 -0.561 -0.000 -0.561 -0.000 -0.223 -1.5% -1.5% -1.0% -1.63% -0.123 -1.0% -1.63% -0.185 -1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.0% 164% 0.187 1.0% 149% 0.004
01: ARI  01:	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  On the control of the	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117% 0.134 3.3% 107% 0.003	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.090 2.5% 120% 0.137 2.5% 109% 0.137 2.5% 109%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 123% 0.140 2.5% 123% 0.140 2.5% 112%	2.5% 114% 0.094 2.5% 1144 2.5% 0.144 2.5% 0.144 2.5% 0.144 2.5% 0.144 2.5% 0.144	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.147 2.5% 130% 0.147 2.5% 118%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 133% 0.151 2.5% 121% 0.003 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136% 0.154 2.0% 123% 0.103 2.0% 123%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 138% 0.157 2.0% 138% 0.157 2.0% 126% 0.157	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 141% 0.160	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164 2.0% 144% 0.164 2.0% 131% 0.003 2.0% 131%	-0.293 -0.258 -0.309 0.000 2015 -0.20% 133% 0.110 -0.20% 133% 0.110 -0.107 -0.167 -0.167 -0.167 -0.003 -0.0	-0.420 -0.282 -0.342 0.000  2016 1.5% 135% 0.111 1.5% 135% 0.111 1.5% 149% 0.169 1.5% 1.5% 0.169 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-0.546 -0.305 -0.374 0.000 2017 1.5% 0.113 1.5% 0.113 1.5% 0.113 1.5% 0.172 1.5% 0.172 1.5% 0.172 1.5% 0.172 1.5% 0.172	-0.497 -0.671 -0.327 -0.407 -0.000 -0.000 -0.000 -0.000 -0.115 -0.115 -0.115 -0.174 -0.174 -0.174 -0.174 -0.174 -0.174 -0.174 -0.174 -0.004 -0.004 -0.174 -0.004 -0.174 -0.174 -0.004 -0.174 -0.004 -0.174 -0	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% 141% 0.116 -1.5% 141% 0.177 -1.5% 0.177 -1.5% 0.177 -1.5% 0.177 -1.5% 1.5% 0.177	-0,700 -0,919 -0,370 -0,470 -0,470 -0,000 2020 1,5% 143% 0,118 1,5% 143% 0,118 1,5% 1,5% 1,5% 0,180 1,5% 1,5% 0,180 1,5% 1,5% 0,180 1,5% 1,5% 1,5% 1,5% 1,5% 1,5% 1,5% 1,5%	-0.799 -1.041 -0.391 -0.501 1.5% 145% 0.120 1.0% 160% 0.181 1.0% 160% 0.181 1.0% 160% 0.181	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 11.0% 161% 0.183 1.0% 146% 0.004 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123 1.0% 163% 0.185 1.0% 143% 0.185 1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.0% 0.187 1.0% 0.187 1.0% 164% 0.187
### ### ### ### ### ### ### ### #### ####	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty'  dfili  Available hazardous landfili capacity  Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - yer year (%)  Forecast sub-regional growth growth forecasts  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of MSW - yer year (%)  Forecast sub-regional growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using us-regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of Pazardous waste - per year (%)  Forecast regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of C@I onall per year year that of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117% 0.134 3.3% 107% 0.003	0.950 0.950 0.000 0.000 0.000 2006 2.5% 109% 0.090 2.5% 120% 0.137 2.5% 109% 0.137 2.5% 109%	0.814 0.805 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 123% 0.140 2.5% 123% 0.140 2.5% 112%	2.5% 114% 0.094 2.5% 1144 2.5% 0.144 2.5% 0.144 2.5% 0.144 2.5% 0.144 2.5% 0.144	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.147 2.5% 130% 0.147 2.5% 118%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.099 2.5% 120% 0.099 2.5% 133% 0.151 2.5% 121% 0.003 2.5%	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136% 0.154 2.0% 123% 0.103 2.0% 123%	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 138% 0.157 2.0% 138% 0.157 2.0% 126% 0.157	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 141% 0.160	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164 2.0% 144% 0.164 2.0% 131% 0.003 2.0% 131%	-0.293 -0.258 -0.309 0.000 2015 -0.20% 133% 0.110 -0.20% 133% 0.110 -0.107 -0.167 -0.167 -0.167 -0.003 -0.0	-0.420 -0.282 -0.342 0.000  2016 1.5% 135% 0.111 1.5% 135% 0.111 1.5% 149% 0.169 1.5% 1.5% 0.169 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-0.546 -0.305 -0.374 0.000 2017 1.5% 0.113 1.5% 0.113 1.5% 0.113 1.5% 0.172 1.5% 0.172 1.5% 0.172 1.5% 0.172 1.5% 0.172	-0.497 -0.671 -0.327 -0.407 -0.000 -0.000 -0.000 -0.000 -0.115 -0.115 -0.115 -0.174 -0.174 -0.174 -0.174 -0.174 -0.174 -0.174 -0.174 -0.004 -0.004 -0.174 -0.004 -0.174 -0.174 -0.004 -0.174 -0.004 -0.174 -0	-0.599 -0.796 -0.349 -0.438 -0.000 2019 -1.5% 141% 0.116 -1.5% 141% 0.177 -1.5% 0.177 -1.5% 0.177 -1.5% 0.177 -1.5% 1.5% 0.177	-0,700 -0,919 -0,370 -0,470 -0,470 -0,000 2020 1,5% 143% 0,118 1,5% 143% 0,118 1,5% 1,5% 1,5% 0,180 1,5% 1,5% 0,180 1,5% 1,5% 0,180 1,5% 1,5% 1,5% 1,5% 1,5% 1,5% 1,5% 1,5%	-0.799 -1.041 -0.391 -0.501 1.5% 145% 0.120 1.0% 160% 0.181 1.0% 160% 0.181 1.0% 160% 0.181	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.5% 11.0% 161% 0.183 1.0% 146% 0.004 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.5% 149% 0.123 1.0% 163% 0.185 1.0% 143% 0.185 1.0%	-1.096 -1.406 -0.448 -0.589 0.000 2024 1.5% 0.125 1.5% 0.125 1.0% 0.187 1.0% 0.187 1.0% 164% 0.187
### A	Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfil capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfil capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' dfili Available inert landfili capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' dfili Available hazardous landfili capacity Note: The model does not contain data for the management of hazardous waste.  ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - yer year (%) Forecast sub-regional growth part of MSW - yer year (%) Forecast sub-regional growth rate of MSW - yer year (%) Forecast sub-regional growth rate of MSW - yer year (%) Forecast sub-regional growth rate of MSW - yer year (%) Forecast sub-regional growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) For	3.0% 106% 0.088 3.0% 106% 0.088 3.3% 117% 0.134 3.3% 117% 0.134 107% 0.003 3.3%	0.950 0.950 0.000 0.000 0.000 2.006 2.5% 109% 0.990 2.5% 1.09% 0.990 2.5% 1.20% 0.137 2.5% 1.20% 0.137 2.5% 1.20% 0.137	0.814 0.803 -0.032 -0.036 0.000 2007 2.5% 111% 0.092 2.5% 123% 0.140 2.5% 123% 0.140 2.5% 123% 0.140 2.5% 112% 0.000	0.679 0.6679 0.063 -0.071 0.000 2008 2.5% 114% 0.094 2.5% 126% 0.144 2.5% 126% 0.144 2.5% 126% 0.144 2.5% 126% 0.145 126% 0.145 126% 0.145 126% 0.145 126% 0.016 0.016 126% 0.016 126% 0.016 126% 0.016 126% 0.016 126% 0.016 126% 0.016 126% 0.016 0.01	0.545 0.518 -0.093 -0.106 0.000 2009 2.5% 117% 0.097 2.5% 130% 0.147 2.5% 130% 0.147 2.5% 118% 0.003 2.5%	0.414 0.376 -0.123 -0.140 0.000 2010 2.5% 120% 0.99 2.5% 120% 0.99 2.5% 120% 0.151 2.5% 133% 0.151 2.5% 121% 0.003	0.286 0.236 -0.152 -0.175 0.000 2011 2.0% 122% 0.101 2.0% 122% 0.101 2.0% 136% 0.154 2.0% 136% 0.154 2.0% 136% 0.154 2.0% 0.154 2.0% 0.154 2.0% 0.154	0.162 0.099 -0.180 -0.209 0.000 2012 2.0% 125% 0.103 2.0% 125% 0.103 2.0% 138% 0.157 2.0% 138% 0.157 2.0% 126% 0.157 2.0% 126% 0.157 2.0% 126% 0.003	0.043 -0.035 -0.207 -0.242 0.000 2013 2.0% 127% 0.105 2.0% 127% 0.165 2.0% 141% 0.160 2.0% 141% 0.160 2.0% 141% 0.160	-0.165 -0.233 -0.276 0.000 2014 2.0% 130% 0.107 2.0% 130% 0.107 2.0% 144% 0.164 2.0% 131% 0.003 2.0% 131% 0.003	-0.293 -0.258 -0.309 0.000 2015 -0.20% 133% 0.110 -0.110 -0.110 -0.167 -0.167 -0.167 -0.003 -0.003 -0.003 -0.003	-0.420 -0.282 -0.342 -0.000 2016 1.5% 135% 0.111 1.5% 135% 1.5% 149% 0.169 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-0.546 -0.305 -0.374 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.0000 -0.00000 -0.00000 -0.00000000	-0.497 -0.671 -0.327 -0.407 -0.000 -0.000 -0.000 -0.115 -0.115 -0.115 -0.174 -0.174 -0.174 -0.174 -0.174 -0.004 -0.004 -0.004 -0.004 -0.004	0.599 -0.796 -0.349 -0.438 -0.000 2019 1.5% 141% 0.116 1.5% 156% 0.177 1.5% 1.15% 1.15% 1.15% 1.15% 1.15% 1.15% 1.15% 1.15%	-0,700 -0.919 -0.370 -0.470 -0.470 -0.000 2020 1.5% 143% 0.118 1.5% 158% 0.180 1.5% 1.5% 1.5% 0.180 1.5% 0.180	-0.799 -1.041 -0.391 -0.501 1.5% 145% 0.120 1.0% 1.10% 1.0% 0.181 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0	-0.898 -1.163 -0.411 -0.531 0.000 2022 1.5% 147% 0.122 1.0% 161% 0.183 1.0% 161% 0.183 1.0% 164% 0.004 1.0%	-0.997 -1.285 -0.430 -0.561 0.000 2023 1.5% 149% 0.123 1.0% 163% 0.185 1.0% 163% 0.185 1.0% 148% 0.185 1.0%	-1.096 -1.406 -1.406 -1.406 -1.406 -1.406 -1.406 -1.406 -1.406 -1.406 -1.406 -1.406 -1.506 -1

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

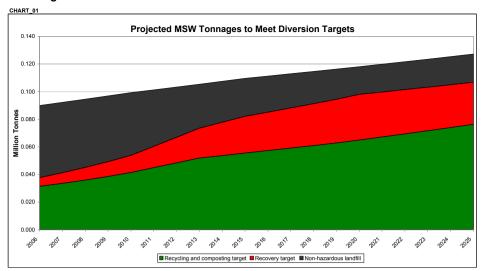
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

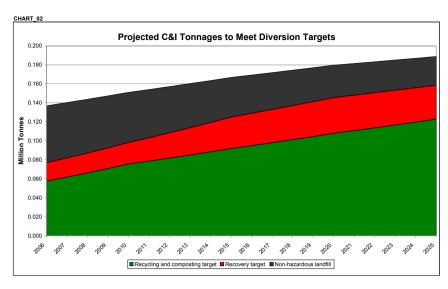
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

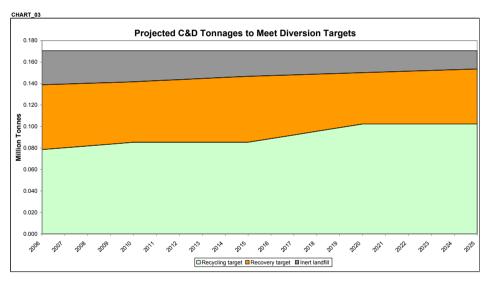
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

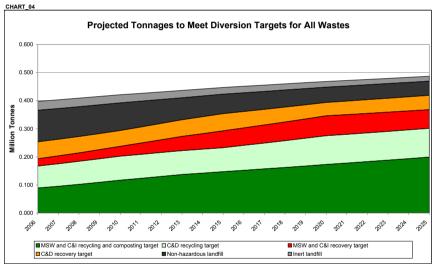
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	0.088	0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.127
msw - imports from london that are sent direct to non-hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i	0.134	0.137	0.140	0.144	0.147	0.151	0.154	0.157	0.160	0.164	0.167	0.169	0.172	0.174	0.177	0.180	0.181	0.183	0.185	0.187	0.189
c&l - imports from london that are sent direct to non-hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&d	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171
hazardous	0.003	0.003	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.004	0.004	0.004
nazaluous	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
DATA 04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
												2010				2020					
msw (1) landfill (Mt)	0.035	0.034	0.034	0.033	0.032	0.030	0.027	0.023	0.020	0.019	0.018	0.018	0.017	0.016	0.015	0.014	0.014	0.014	0.014	0.014	0.014
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA OF WARTE CIDEAM TONNACES TO MEET TARGETS (Million Tonnace)	2005	2000	2007	2000	2000	2040	2011	2042	2012	2014	2015	2046	2017	2040	2040	2020	2024	2022	2022	2024	2025

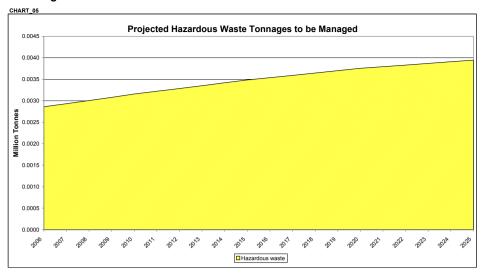
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target Total MSW not-diverted by targets Percentage of MSW that is biodegradable (% by weight) Total BMW not-diverted by targets LATS shortfall (how much extra is landfilled above LATS target)	0.031 0.057 68 0.039 0.004	0.035 0.055 68 0.038 0.003	0.039 0.054 68 0.036 0.003	0.043 0.052 68 0.035 0.002	0.047 0.050 68 0.034 0.002	0.052 0.048 68 0.032 0.002	0.057 0.044 68 0.030 0.003	0.063 0.040 68 0.028 0.004	0.069 0.037 68 0.025 0.005	0.075 0.033 68 0.022 0.003	0.081 0.028 68 0.019 0.001	0.084 0.027 68 0.018 0.001	0.088 0.025 68 0.017 0.001	0.091 0.024 68 0.016 0.000	0.094 0.022 68 0.015 0.000	0.098 0.020 68 0.014 0.000	0.100 0.020 68 0.014 0.000	0.101 0.020 68 0.014 0.000	0.103 0.020 68 0.014 0.000	0.105 0.020 68 0.014 0.000	0.107 0.020 68 0.014 0.000
	Ratio of 'recovered' to 'recycled/composted' for target (%) Extra MSW 'recoverly needed due to LATS shortfall Extra MSW 'recycling/composting' needed due to LATS shortfall	14% 0.001 0.003	17% 0.001 0.003	19% 0.001 0.002	20% 0.000 0.002	22% 0.000 0.002	23% 0.001 0.002	26% 0.001 0.002	28% 0.001 0.003	29% 0.001 0.003	31% 0.001 0.002	32% 0.000 0.001	33% 0.000 0.001	33% 0.000 0.000	33% 0.000 0.000	33% 0.000 0.000	34% 0.000 0.000	33% 0.000 0.000	32% 0.000 0.000	31% 0.000 0.000	30% 0.000 0.000	29% 0.000 0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target Recovery target Non-hazardous landfill CHECK COUNTER (should be zero)	0.030 0.005 0.053 0.000	0.031 0.006 0.052 0.000	0.034 0.008 0.051 0.000	0.036 0.009 0.049 0.000	0.039 0.011 0.048 0.000	0.041 0.012 0.045 0.000	0.045 0.015 0.041 0.000	0.048 0.018 0.036 0.000	0.052 0.022 0.032 0.000	0.054 0.024 0.030 0.000	0.055 0.027 0.028 0.000	0.057 0.028 0.026 0.000	0.059 0.029 0.025 0.000	0.061 0.030 0.023 0.000	0.063 0.032 0.022 0.000	0.065 0.033 0.020 0.000	0.067 0.033 0.020 0.000	0.069 0.032 0.020 0.000	0.072 0.032 0.020 0.000	0.074 0.031 0.020 0.000	0.076 0.031 0.020 0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target Recovery target Non-hazardous landfill CHECK COUNTER (should be zero)	0.053 0.019 0.061 0.000	0.057 0.019 0.060 0.000	0.062 0.020 0.058 0.000	0.066 0.021 0.057 0.000	0.071 0.022 0.055 0.000	0.076 0.023 0.053 0.000	0.079 0.025 0.051 0.000	0.082 0.027 0.049 0.000	0.085 0.029 0.046 0.000	0.088 0.031 0.044 0.000	0.092 0.033 0.042 0.000	0.095 0.034 0.040 0.000	0.098 0.035 0.039 0.000	0.101 0.036 0.037 0.000	0.104 0.037 0.036 0.000	0.108 0.038 0.034 0.000	0.111 0.037 0.033 0.000	0.114 0.037 0.033 0.000	0.117 0.037 0.032 0.000	0.120 0.036 0.031 0.000	0.123 0.036 0.030 0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target Recovery target Inert landfill CHECK COUNTER (should be zero)	0.077 0.061 0.032 0.000	0.078 0.060 0.032 0.000	0.080 0.059 0.031 0.000	0.082 0.058 0.030 0.000	0.084 0.057 0.030 0.000	0.085 0.056 0.029 0.000	0.085 0.057 0.028 0.000	0.085 0.058 0.027 0.000	0.085 0.059 0.026 0.000	0.085 0.060 0.025 0.000	0.085 0.061 0.024 0.000	0.089 0.059 0.023 0.000	0.092 0.056 0.023 0.000	0.096 0.053 0.022 0.000	0.099 0.051 0.021 0.000	0.102 0.048 0.020 0.000	0.102 0.048 0.020 0.000	0.102 0.049 0.019 0.000	0.102 0.050 0.018 0.000	0.102 0.051 0.018 0.000	0.102 0.051 0.017 0.000
hd	Hannedous wests	2005 0.003	2006 0.003	2007 0.003	2008	2009 0.003	2010	2011	2012 0.003	2013 0.003	2014 0.003	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 0.004
hazardous	Hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)  MSW and C&I recycling and composting target C&D recycling target MSW and C&I recovery target C&D recovery target Non-hazardous landfill Inert landfill Hazardous waste	2005 0.083 0.077 0.024 0.061 0.115 0.032 0.003	2006 0.089 0.078 0.026 0.060 0.112 0.032 0.003	2007 0.095 0.080 0.028 0.059 0.109 0.031 0.003	2008 0.102 0.082 0.030 0.058 0.106 0.030 0.003	2009 0.109 0.084 0.033 0.057 0.102 0.030 0.003	2010 0.117 0.085 0.035 0.056 0.098 0.029 0.003	2011 0.123 0.085 0.040 0.057 0.092 0.028 0.003	2012 0.130 0.085 0.045 0.058 0.085 0.027 0.003	2013 0.137 0.085 0.051 0.059 0.078 0.026 0.003	2014 0.142 0.085 0.055 0.060 0.074 0.025 0.003	2015 0.147 0.085 0.060 0.061 0.069 0.024 0.003	2016 0.152 0.089 0.062 0.059 0.066 0.023 0.004	2017 0.157 0.092 0.064 0.056 0.064 0.023 0.004	2018 0.162 0.096 0.066 0.053 0.061 0.022 0.004	2019 0.167 0.099 0.068 0.051 0.058 0.021 0.004	2020 0.173 0.102 0.071 0.048 0.054 0.020 0.004	2021 0.178 0.102 0.070 0.048 0.054 0.020 0.004	2022 0.183 0.102 0.069 0.049 0.053 0.019 0.004	2023 0.188 0.102 0.068 0.050 0.052 0.018 0.004	2024 0.194 0.102 0.067 0.051 0.051 0.018 0.004	2025 0.199 0.102 0.066 0.051 0.051 0.017 0.004









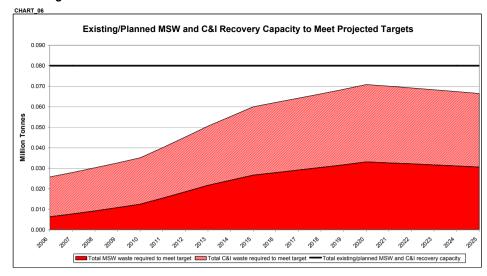


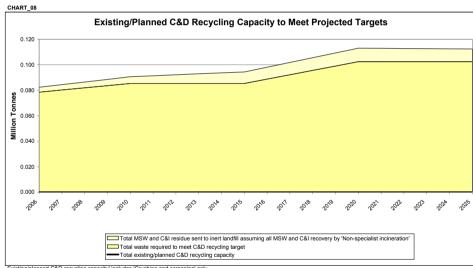
3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
Total existing/planned MSW and C&I recovery capacity	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
Total MSW waste required to meet target	0.005	0.006	0.008	0.009	0.011	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.031
Total C&I waste required to meet target	0.019	0.019	0.020	0.021	0.022	0.023	0.025	0.027	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.036
Surplus/deficit capacity	0.056	0.054	0.052	0.050	0.047	0.045	0.040	0.035	0.029	0.025	0.020	0.018	0.016	0.014	0.012	0.009	0.010	0.011	0.012	0.013	0.014
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088
Total existing/planned MSW and C&I composting capacity	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Total MSW waste required to meet recycling and composting target	0.030	0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074	0.076
Total C&I waste required to meet recycling and composting target	0.053	0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.123
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.013	-0.019	-0.026	-0.032	-0.040	-0.047	-0.054	-0.061	-0.067	-0.072	-0.078	-0.082	-0.087	-0.092	-0.098	-0.103	-0.108	-0.113	-0.119	-0.124	-0.129
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.027	-0.033	-0.039	-0.046	-0.053	-0.061	-0.067	-0.074	-0.080	-0.086	-0.091	-0.096	-0.101	-0.106	-0.111	-0.116	-0.121	-0.127	-0.132	-0.137	-0.143
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
Surplus/deficit capacity	-0.077	-0.078	-0.080	-0.082	-0.084	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.089	-0.092	-0.096	-0.099	-0.102	-0.102	-0.102	-0.102	-0.102	-0.102
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
Surplus/deficit capacity	1.816	1.733	1.651	1.569	1.486	1.404	1.382	1.360	1.338	1.316	1.294	1.266	1.237	1.209	1.180	1.152	1.172	1.192	1.212	1.232	1.252
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.950	0.817	0.685	0.555	0.428	0.304	0.185	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.528	-0.621	-0.711	-0.801	-0.892	-0.983	-1.073
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950	0.813	0.677	0.543	0.411	0.281	0.156	0.036	-0.079	-0.191	-0.299	-0.407	-0.513	-0.617	-0.720	-0.821	-0.922	-1.023	-1.124	-1.224
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.950	0.801	0.653	0.506	0.360	0.215	0.072	-0.068	-0.205	-0.341	-0.476	-0.611	-0.745	-0.879	-1.012	-1.144	-1.276	-1.407	-1.538	-1.668
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.950	0.814	0.679	0.545	0.414	0.286	0.162	0.043	-0.070	-0.180	-0.287	-0.393	-0.497	-0.599	-0.700	-0.799	-0.898	-0.997	-1.096	-1.194
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.950	0.805	0.661	0.518	0.376	0.236	0.099	-0.035	-0.165	-0.293	-0.420	-0.546	-0.671	-0.796	-0.919	-1.041	-1.163	-1.285	-1.406	-1.527
Total MSW and C&I waste sent direct to non-hazardous landfill		0.112	0.109	0.106	0.102	0.098	0.092	0.085	0.078	0.074	0.069	0.066	0.064	0.061	0.058	0.054	0.054	0.053	0.052	0.051	0.051
Inert landfill																					
Available inert landfill capacity		0.000	-0.032	-0.063	-0.093	-0.123	-0.152	-0.180	-0.207	-0.233	-0.258	-0.282	-0.305	-0.327	-0.349	-0.370	-0.391	-0.411	-0.430	-0.448	-0.466
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.036	-0.071	-0.106	-0.140	-0.175	-0.209	-0.242	-0.276	-0.309	-0.342	-0.374	-0.407	-0.438	-0.470	-0.501	-0.531	-0.561	-0.589	-0.617
Total C&D waste sent direct to inert landfill	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	N	1/A 1/1	N/A N	I/A N	/A N	/A N	/A N	/A N	I/A N	I/A N	/A N	I/A N	/A N	/A N	I/A N	N/A N	N/A N	I/A N	I/A N	/A N	/A
Other																					
Metal/ELV facility	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Ignored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

Marie and Color and Contention Contention Contention Color and C	DATA_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20:
Mary of the control process of the control pr	Recovery residues (% by weight)  MSW and C& incineration (non-specialist) - bottom ash	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	—
Michael Control Contro											30					30	30	30	30	30	30	
Medical Contention of the content of	MSW and C&I to MBT		59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	
Many Control Protection (Many Control Many Control Protection (Many Control Many Control Ma																						
Marie State Stat																						
Part			5		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3					3	3	3	3		,		,			3		,			
Mary 100	MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
Part	MSW and C&I transfer																					
Market   M																						
Section 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C&D recycling	10	10		10	10	10	10	10	10	10	10	10	10	10	10		10	10	10	10	
Mary   1	Hazarrous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Mary		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Section of control con		N/A																		N/A	N/A	
A PROBLEM STREET METERS AND THE PROB		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N.
Marie of the control of the contro	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	n the self-suffi	iciency requi	irements of F	PPS10.																	
Marie   Column   Co	ATA_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
Mile of Claim Compromotopositis fly of the control of the contro																						
March   Calculate   Calculat																						
Mary and Cale PEPE   Mary an	MSW and C&I incineration (non-specialist) - fly ash																					
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Mary 100   Column																						
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Mode All residues are calculated on the amount of capating watching to the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished watching. This is complished with the first of the amount of capating watching. This is complished with the first of the amount of capating watching. This is complished with	Hazardous waste recovery																					
Part	Recycling residues (of waste managed):																					
The plane in securing and content of the minural of agenting motion the minural of agenting m	MSW and C&I recycling and composting																					
Note: All resistants are contained on the amount of value arrange of on the mount of value arrange of one that the val																						
**************************************	Hazardous waste recycling	1000	10/13	./A IX	150	A 190	A 18	1107	1 10	110	rs 1977	1 19/	A 180	1 100	rs 19/	<u> </u>	/A 19	<i>U</i> /A 18	<i>I</i>	W/A 19	// 19	W/A
SCHAMOT   Assumes all recovery is by Two specialist incinentation (seeding of seeding	Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.020	0.021	0.022	0.024	0.025	0.026	0.027	0.028	0.029	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038	0.038	0.039	0.
Section   1	TA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million		2006	2007	2008	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	2022	2023	2024	20
1 Total MSW and C24 receives been to non-tracerious instanting all MSW and C24 receives been to contract in the same grant and MSV and C24 receives been to secure and an expension of the contract of the contract in the same grant and MSV and C24 receives been to secure and an expension of the contract in the same grant and make grant	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2000	2000	2007	2000	2009	2010	2011	2012	2013	2014	2010	2010	2017	2010	2019	2020	2021	2022	2023	2024	
1 Total MSW and CA instantanting in MSW and CA instantanti		0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.010	0.010	0.010	0.010	0.0
Part   May was Class residue sent non-hexaces loaned in convey capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity)   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity   SCHAMOL A. Assume as in recovery is by Tree floated on total recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovering in the recovery capacity   SCHAMOL A. Assume as incovery is by Tree floated on the recovery capacity   SCHAMOL A. Assume as incovery is by Tree floated on total recovery capacity   SCHAMOL A. Assume as incovery	<ol> <li>Total MSW and C&amp;I residue sent to inert landfill assuming all MSW and C&amp;I recovery by 'Non-specialist incineration'</li> </ol>	0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.010	0.010	0.010	0.010	0.0
September   1																						
Total NOW and CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war CA I residue sent to non-hearted based on total recovery capacity)   Total most war capacity   Total most war c		0.014	0.015	0.016	0.018	0.019	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.038	0.039	0.040	0.042	0.041	0.041	0.040	0.040	0.0
SECINATIO 4 - Assumant all recovery is by treatment (passed on total recovery capacity)   1		0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.0
Total MSW and CAI recorded sent to non-hazardous landfill so 10 cm 2 cm		0.000	0.000	0.000	0.001	0.001	0.001	0.000	0.000	0.000	0.001	0.001	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
1		0.011	0.012	0.013	0.014	0.015	0.016	0.018	0.020	0.023	0.025	0.027	0.028	0.029	0.030	0.031	0.032	0.031	0.031	0.031	0.030	0.0
1 CSD reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed to brow haze laundiff (1 CSD) reused on learned listles seed on learned listles see	(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar	ndfill. In the o	riginal mode		no dovolono	MEL 50%	was assun	ned to go to (	C&D recycli	ng rather th	nan to inert I	andfi										
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				assumptio	is developed																	
1 CAD reused on landfill siles sent to 'non-Aiz landfill' 1 CAD reused on landfill siles sent to 'non-Aiz landfill' 1 CAD reused on landfill siles sent to 'non-Aiz landfill' 1 CAD reused on landfill siles sent to 'non-Aiz landfill' 1 CAD reused on landfill siles sent to 'non-Aiz landfill' 1 CAD reused on landfill siles sent to 'non-Aiz landfill' 1 CAD reused on inon-Aiz landfill' 1 CAD reused on inon-Aiz landfill' 1 CAD reused on inon-Aiz landfill' 1 CAD reuse data on con-Aiz landfill' 2 CAD reuse data on con-Aiz landfill' 3 CAD reuse data on con-Aiz landfill' 4 CAD reuse data on con-Aiz landfil	ATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)			ei assumptio	ns develope																	
1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill siles sent to 'inert landfill' 1) CAD reused on landfill' 1) CAD reused o	ATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	39 %	%	ei assumptio	ns develope																	
Total C8D reused on non-hazardous landfill of 10 10 10 10 10 10 10 10 10 10 10 10 10	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on exempt sites	39 % 61 %	%	assumptio	is developed																	—
Total CaD reused ron-morthazardous landfill 0.007 0.008 0.00	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	39 9 61 9 30 9	% % %	ei assumptio	is developed																	
Total reused C&D on inert landfill  1. Total reused C&D on inert landfill  1. ORD reuse rates based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate based on original model assumptions developed MEL. NOTE: C&D reuse nate hereins material.  **NoTE: Total MSW and C&I recovery is DV reuse nate in bazardous landfill in original model assumption or problem.  **NoTE: Total MSW and C&I recovery ADM RECVCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  **SCENARIO 1- Assumes all recovery is DV reuse nate nate or total recovery capacity)  **Total MSW and C&I recovery is DV reuse nate nate nate nate nate nate nate nat	TA 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on exempt sites (1) C&D reused on inside listes sent to 'non-haz landfill'	39 9 61 9 30 9	% % %	ei assumptio	is developed																	
(1) CRD reuse rates based on original model assumptions developed MEL NOTE: CRD reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data supplied by each sub-region has accounted for CRD reuse as an eighering material.    A_13: TOTAL MSW AND CRI RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)   2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2024 2025 2024 2025 2025 2025	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on exempt sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'	39 9 61 9 30 9 70 9	% % %						2012			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data supplied by each sub-region has accounted for C&D reuse as an engineering material.    A_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on kampt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'ment landfill'  Total C&D reused on non-hazardous landfill	39 % 61 % 30 % 70 % 2005 0.007	% % % 2006 0.007	2007 0.007	2008 0.007	2009 0.007	2010 0.007	2011 0.007	0.007	2013 0.007	2014 0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.0
Table MSW and C&I recycling and composting residue sent to hazardous landfill or 10 name of 10 name	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on kampt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'ment landfill'  Total C&D reused on non-hazardous landfill	39 % 61 % 30 % 70 % 2005 0.007	% % % 2006 0.007	2007 0.007	2008 0.007	2009 0.007	2010 0.007	2011 0.007	0.007	2013 0.007	2014 0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.0
Total MSW and C&I recycling and composting residue sent to hazardous landfill    Total MSW and C&I recycling and composting residue sent to hazardous landfill   N/A   N	ATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL	39 9 61 9 30 9 70 9 2005 0.007 0.017	% % % 2006 0.007 0.016	2007 0.007 0.016	2008 0.007 0.016	2009 0.007 0.016	2010 0.007 0.015	2011 0.007 0.016	0.007	2013 0.007	2014 0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.0
A 4: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)    CECNARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity   SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity   SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity   SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity   SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity   SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity   SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)   Total MSW and C&I residue sent to hazardous landfill   SCENARIO 4 - Assumes all recovery is by 'MST' (based on total recovery capacity)   SCENARIO 4 - Assumes all recovery is by 'MST' (based on total recovery capacity)   SCENARIO 4 - Assumes all recovery is by 'MST' (based on total recovery capacity)   SCENARIO 4 - Assumes all recovery is by 'MST' (based on total recovery capacity)   SCENARIO 4 - Assumes all recovery is by 'MST' (based on total recovery capacity)   SCENARIO 4 - Assumes all recovery is by 'MST' (based on total recovery capacity)   SCENARIO 4 - SCENARIO 4 - SCENARIO 4 - SCENARIO 4 -	ATA 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'nont landfill'  d  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data significant in the charts becau	39 9 61 9 30 9 70 9 2005 0.007 0.017	% % % 2006 0.007 0.016	2007 0.007 0.016	2008 0.007 0.016	2009 0.007 0.016	2010 0.007 0.015	2011 0.007 0.016	0.007	2013 0.007	2014 0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.0
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' 0.001 0.0	ATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  1 Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  1) C&D reuse rates based on original model assumptions developed MEL. NOTE: C&D reuse on liert and non-hazardous landfill is not included within the charts because it has been assumed that data state.	39 9 61 9 30 9 70 9 2005 0.007 0.017	2006 0.007 0.016 ch sub-regio	2007 0.007 0.016 on has accou	2008 0.007 0.016 inted for C&I	2009 0.007 0.016 O reuse as a	2010 0.007 0.015 an engineer	2011 0.007 0.016 ring material.	0.007 0.016	2013 0.007 0.016	2014 0.007 0.016	0.007 0.017	0.007 0.016	0.007 0.015	0.006 0.014	0.006 0.014	0.006 0.013	0.006 0.013	0.006 0.013	0.006 0.014	0.006 0.014	0.00
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and CSI recovery by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and CSI residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and CSI residue sent to hazardous landfill  ONO 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'  d Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on landfill and non-hazardous landfill is not included within the charts because it has been assumed that data st	39 9 61 9 30 9 70 9 2005 0.007 0.017	2006 0.007 0.016 ch sub-regio	2007 0.007 0.016 on has accou	2008 0.007 0.016 inted for C&I	2009 0.007 0.016 O reuse as a	2010 0.007 0.015 an engineer	2011 0.007 0.016 ring material.	0.007 0.016	2013 0.007 0.016	2014 0.007 0.016	0.007 0.017	0.007 0.016	0.007 0.015	0.006 0.014	0.006 0.014	0.006 0.013	0.006 0.013	0.006 0.013	0.006 0.014	0.006 0.014	0.00
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Mon-specialist incineration of 0.001	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on exempt sites (1) C&D reused on inandfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed that data st	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by eac	% % % % % % % 2006 0.007 0.016 ch sub-regio 2006 N/A N	2007 0.007 0.016 on has accou	2008 0.007 0.016 unted for C&I	2009 0.007 0.016 O reuse as a 2009 A N/A	2010 0.007 0.015 an engineer 2010 A N	2011 0.007 0.016 ing material. 2011	0.007 0.016 2012	2013 0.007 0.016 2013 A N/	2014 0.007 0.016	0.007 0.017 2015	0.007 0.016 2016 A N/	0.007 0.015	0.006 0.014 2018 A N/	0.006 0.014 2019 A N	0.006 0.013 2020 /A N	0.006 0.013 2021 I/A N	0.006 0.013 2022	0.006 0.014 2023	0.006 0.014 2024 /A N	0.0 0.0
Total MSW and C&I residue sent to hazardous landfill  O.000 0.000	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz andfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert land non-hazardous landfill is not included within the charts because it has been assumed that data site.  (3) TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  (4) TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by eac	% % % % % % % 2006 0.007 0.016 ch sub-regio 2006 N/A N	2007 0.007 0.016 on has accou	2008 0.007 0.016 unted for C&I	2009 0.007 0.016 O reuse as a 2009 A N/A	2010 0.007 0.015 an engineer 2010 A N	2011 0.007 0.016 ing material. 2011	0.007 0.016 2012	2013 0.007 0.016 2013 A N/	2014 0.007 0.016	0.007 0.017 2015	0.007 0.016 2016 A N/	0.007 0.015	0.006 0.014 2018 A N/	0.006 0.014 2019 A N	0.006 0.013 2020 /A N	0.006 0.013 2021 I/A N	0.006 0.013 2022	0.006 0.014 2023	0.006 0.014 2024 /A N	0.0 0.0 20 N/A
SCENARIO 3. Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  1.4.16: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2020	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on compt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz ardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data si  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TA_14: TOTAL MSW AND C&I recycling and composting residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by each 2005 N/A N	%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	2007 0.007 0.016 on has accou	2008 0.007 0.016 inted for C&I	2009 0.007 0.016 D reuse as a 2009 A N/	2010 0.007 0.015 an engineer 2010 A N	2011 0.007 0.016 ing material. 2011 //A N//	0.007 0.016 2012 A N/	2013 0.007 0.016 2013 A N/	2014 0.007 0.016 2014 A N//	0.007 0.017 2015 A N/	0.007 0.016 2016 A N/	0.007 0.015 2017 A N/	0.006 0.014 2018 A N/	0.006 0.014 2019 A N	0.006 0.013 2020 //A N	0.006 0.013 2021 I/A N	0.006 0.013 2022 I/A 1	0.006 0.014 2023 N/A N	0.006 0.014 2024 //A N	0.0 0.0 20 N/A
Total MSW and C&I residue sent to hazardous landfill 0.000 0	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill'  (1) C&D reuse rates based on non-hazardous landfill and landfill'  (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and make and the landfill is not included within the charts because it has been assumed that data strain and the landfill is not included within the charts because it has been assumed that data strain and landfill is not included within the charts because it has been assumed that data strain and landfill is not included within the charts because it has been assumed that data strain and landfill is not included within the charts because it has been assumed that data strain and landfill is not included within the charts because it has been assumed that data strain and landfill is not included within the charts because it has been assumed the landfill is not included within the charts because it has been assumed that data strain	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by eac 2005 N/A N	2006 0.007 0.016 ch sub-regio 2006 N/A N	2007 0.007 0.016 on has accou 2007 N/A N 2007	2008 0.007 0.016 Inted for C&I 2008 /A N/ 2008	2009 0.007 0.016 D reuse as a 2009 A N/.	2010 0.007 0.015 an engineer 2010 A N	2011 0.007 0.016 ing material. 2011 2011 0.001	0.007 0.016 2012 A N/. 2012	2013 0.007 0.016 2013 A N/ 2013	2014 0.007 0.016 2014 A N/A 2014 0.002	0.007 0.017 2015 A N/ 2015	0.007 0.016 2016 A N/ 2016	0.007 0.015 2017 A N/ 2017	0.006 0.014 2018 A N/ 2018	0.006 0.014 2019 A N 2019	0.006 0.013 2020 //A N 2020	0.006 0.013 2021 I/A N 2021	0.006 0.013 2022 I/A 1 2022 0.002	0.006 0.014 2023 N/A N 2023	0.006 0.014 2024 /A N 2024	20 N/A
SCENARIO 4. Assumes all recovery is by treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  A_16: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 21	A_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz randfill'  Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data si  (2) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data si  (3) Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  (3) 14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by eac 2005 N/A N	2006 0.007 0.016 ch sub-regio 2006 N/A N	2007 0.007 0.016 on has accou 2007 N/A N 2007	2008 0.007 0.016 Inted for C&I 2008 /A N/ 2008	2009 0.007 0.016 D reuse as a 2009 A N/.	2010 0.007 0.015 an engineer 2010 A N	2011 0.007 0.016 ing material. 2011 2011 0.001	0.007 0.016 2012 A N/. 2012	2013 0.007 0.016 2013 A N/ 2013	2014 0.007 0.016 2014 A N/A 2014 0.002	0.007 0.017 2015 A N/ 2015	0.007 0.016 2016 A N/ 2016	0.007 0.015 2017 A N/ 2017	0.006 0.014 2018 A N/ 2018	0.006 0.014 2019 A N 2019	0.006 0.013 2020 //A N 2020	0.006 0.013 2021 I/A N 2021	0.006 0.013 2022 I/A 1 2022 0.002	0.006 0.014 2023 N/A N 2023	0.006 0.014 2024 /A N 2024	0.0 0.0 20 N/A
Total MSW and C&I residue sent to hazardous landfill 0.001 0.001 0.001 0.001 0.002 0.002 0.002 0.002 0.002 0.002 0.003 0	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill'  (1) C&D reused can onon-hazardous landfill and landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the charts because it has been assumed that data startally and make and the landfill is not included within the charts because it has been assumed that data startally included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed that data startally and the landfill is not included within the charts because it has been assumed the landfill is not included within the charts because it has been assumed the landfill is not included within the charts because it has been assumed the landfill is not included within the charts because it has been assumed the landfill is not included within the charts because it has been assumed because it has been assumed because the landfill is not included wit	39 9 61 9 61 9 30 9 70 9 2005  2005  N/A  0.001  0.001	2006 0.007 0.016 ch sub-regio 2006 N/A N 2006 0.001	2007 0.007 0.016 on has accou 2007 V/A N 2007 0.001	2008 0.007 0.016 unted for C&I 2008 /A N/ 2008 0.001	2009 0.007 0.016 O reuse as a 2009 A N/ 2009 0.001	2010 0.007 0.015 an engineer 2010 A N 2010 0.001	2011 0.007 0.016 ing material. 2011 /A N// 2011 0.001	2012 A N/ 2012 0.001	2013 0.007 0.016 2013 A N/ 2013 0.002	2014 0.007 0.016 2014 A N/ 2014 0.002	2015 A N/ 2015 0.002	2016 A N/ 2016 0.002	2017 A N/ 2017 0.002	2018 A N/ 2018 0.002	2019 A N 2019 0.002	0.006 0.013 2020 /A N 2020 0.002	0.006 0.013 2021 I/A N 2021 0.002	0.006 0.013 2022 1//A 1 2022 0.002	2023 2023 2023 0.002	0.006 0.014 2024 /A N 2024 0.002	2.1 N/A 2.1
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.  IA_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2019	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data sites.  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-Specialist incineration'  SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-Specialis	39 9 61 9 61 9 30 9 70 9 2005  2005  N/A  0.001  0.001	2006 0.007 0.016 ch sub-regio 2006 N/A N 2006 0.001	2007 0.007 0.016 on has accou 2007 V/A N 2007 0.001	2008 0.007 0.016 unted for C&I 2008 /A N/ 2008 0.001	2009 0.007 0.016 O reuse as a 2009 A N/ 2009 0.001	2010 0.007 0.015 an engineer 2010 A N 2010 0.001	2011 0.007 0.016 ing material. 2011 /A N// 2011 0.001	2012 A N/ 2012 0.001	2013 0.007 0.016 2013 A N/ 2013 0.002	2014 0.007 0.016 2014 A N/ 2014 0.002	2015 A N/ 2015 0.002	2016 A N/ 2016 0.002	2017 A N/ 2017 0.002	2018 A N/ 2018 0.002	2019 A N 2019 0.002	0.006 0.013 2020 /A N 2020 0.002	0.006 0.013 2021 I/A N 2021 0.002	0.006 0.013 2022 1//A 1 2022 0.002	2023 2023 2023 0.002	0.006 0.014 2024 /A N 2024 0.002	20 N/A 20 0.0
TA_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2015	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on landfill sites sent to 'non-hazardous landfill'  Total reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed that data st  (A_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  (A_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recivery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MST' based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' total recovery capacity)	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by eac 2005 N/A 0.001 0.000	2006 2006 0.007 0.016 ch sub-regio 2006 N/A N 2006 0.001 0.000	2007 0.007 0.016 on has accou 2007 2007 0.001 0.000	2008 0.007 0.016 inted for C&I 2008 /A N/ 2008 0.001 0.000	2009 0.007 0.016 D reuse as a 2009 A N/ 2009 0.001 0.000	2010 0.007 0.015 an engineer 2010 A N 2010 0.001 0.000	2011 0.007 0.016 ing material. 2011 //A N/// 0.001 0.000	2012 A N/A 2012 0.001 0.000	2013 0.007 0.016 2013 A N/ 2013 0.002 0.000	2014 0.007 0.016 2014 A N/A 2014 0.002 0.000	2015 A N/ 2015 0.002 0.000	2016 A N/ 2016 0.002 0.000	2017 A N/ 2017 0.002 0.000	2018 A N/ 2018 0.002 0.000	2019 A N 2019 0.002 0.000	0.006 0.013 2020 /A N 2020 0.002 0.000	0.006 0.013 2021 1//A N 2021 0.002 0.000	0.006 0.013 2022 I/A 1 2022 0.002 0.000	2023 N/A N 2023 0.002 0.000	0.006 0.014 2024 /A N 2024 0.002	0.0 0.0 0.0 N/A
2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 20	TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total reused C&D on inert landfill'  (1) C&D reused on non-hazardous landfill rotal reused C&D on inert landfill' (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data st TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recidue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Ron' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Ron' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Ron' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Ron' (based on total recovery capacity)	39 9 61 9 61 9 70 9 2005 0.007 0.017 upplied by eac 2005 N/A 0.001 0.000 0.000	2006 0.007 0.016 0.007 0.016 0.001 0.000 0.000	2007 0.007 0.016 on has accou 2007 N/A N 2007 0.001 0.000	2008 0.007 0.016 Inted for C&I 2008 /A N/ 2008 0.001 0.000 0.000	2009 0.007 0.016 D reuse as a 2009 A N/ 2009 0.001 0.000	2010 0.007 0.015 an engineer 2010 A N 2010 0.001 0.000	2011 0.007 0.016 ing material. 2011 //A N/// 0.001 0.000	2012 A N/A 2012 0.001 0.000	2013 0.007 0.016 2013 A N/ 2013 0.002 0.000	2014 0.007 0.016 2014 A N/A 2014 0.002 0.000	2015 A N/ 2015 0.002 0.000	2016 A N/ 2016 0.002 0.000	2017 A N/ 2017 0.002 0.000	2018 A N/ 2018 0.002 0.000	2019 A N 2019 0.002 0.000	0.006 0.013 2020 /A N 2020 0.002 0.000	0.006 0.013 2021 1//A N 2021 0.002 0.000	0.006 0.013 2022 I/A 1 2022 0.002 0.000	2023 N/A N 2023 0.002 0.000	0.006 0.014 2024 /A N 2024 0.002	20 N/A 20 0.0 0.0
	A 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused c&D on inert landfill  (1) C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data strain to the control of th	39 9 61 9 61 9 70 9 2005 0.007 0.017  upplied by eac 2005 N/A N 2005 0.001 0.000 0.001 anaged waste	2006 0.007 0.016 0.007 0.016 0.001 0.000 0.000	2007 0.007 0.016 on has accou 2007 N/A N 2007 0.001 0.000	2008 0.007 0.016 Inted for C&I 2008 /A N/ 2008 0.001 0.000 0.000	2009 0.007 0.016 0 reuse as a 2009 A N/ 2009 0.001 0.000	2010 0.007 0.015 an engineer 2010 A N 2010 0.001 0.000	2011 0.007 0.016 ing material. 2011 //A N/// 0.001 0.000	2012 A N/A 2012 0.001 0.000	2013 0.007 0.016 2013 A N/ 2013 0.002 0.000	2014 0.007 0.016 2014 A N/A 2014 0.002 0.000	2015 A N/ 2015 0.002 0.000	2016 A N/ 2016 0.002 0.000	2017 A N/ 2017 0.002 0.000	2018 A N/ 2018 0.002 0.000	2019 A N 2019 0.002 0.000	0.006 0.013 2020 /A N 2020 0.002 0.000	0.006 0.013 2021 1//A N 2021 0.002 0.000	0.006 0.013 2022 I/A 1 2022 0.002 0.000	2023 N/A N 2023 0.002 0.000	0.006 0.014 2024 /A N 2024 0.002	20 N/A 20 0.0 0.0
	A 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total reused c&D on inert landfill  (1) C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data strain to the control of th	39 9 61 9 30 9 70 9 2005 0.007 0.017 upplied by eac 2005 N/A 0.001 0.000 0.000 0.0001 anaged waste	2006 0.007 0.016 ch sub-regio 2006 0.001 0.000 0.000	2007 0.007 0.016 on has accou	2008 0.007 0.016 Inted for C&I 2008 /A N/ 2008 0.001 0.000 0.000 0.002	2009 0.007 0.016 D reuse as a 2009 A N/. 2009 0.001 0.000 0.000	2010 0.007 0.015 an engineer 2010 A N 2010 0.001 0.000 0.000	2011 0.007 0.016 ing material. 2011 /A N// 2011 0.001 0.000 0.000	2012 A N/ 2012 0.001 0.000 0.000	2013 0.007 0.016 2013 A N/ 2013 0.002 0.000 0.000	2014 0.007 0.016 2014 A N// 2014 0.002 0.000 0.000	2015 A N/ 2015 0.002 0.000 0.000	2016 A N/ 2016 0.002 0.000 0.000	2017 A N/ 2017 0.002 0.000 0.000	2018 A N/ 2018 0.002 0.000 0.000	2019 A N 2019 0.002 0.000 0.000	2020 /A N 2020 0.002 0.002 0.000 0.000	2021 2021 I/A N 2021 0.002 0.000 0.000	2022 //A 1 2022 0.002 0.000 0.000	2023 N/A N 2023 0.002 0.000 0.000 0.000	0.006 0.014 2024 /A N 2024 0.002 0.000 0.000	20 N/A 20 0.0 0.0

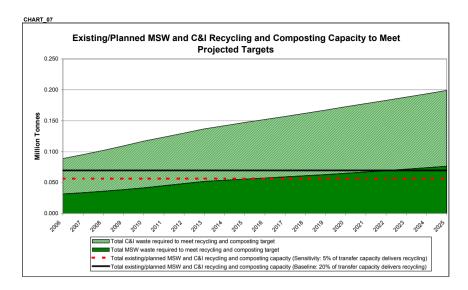


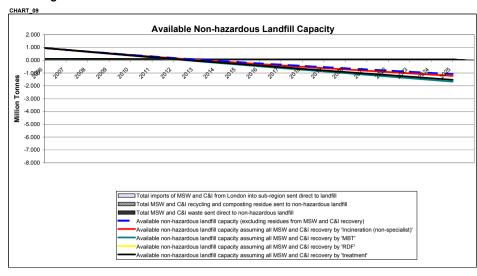


Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

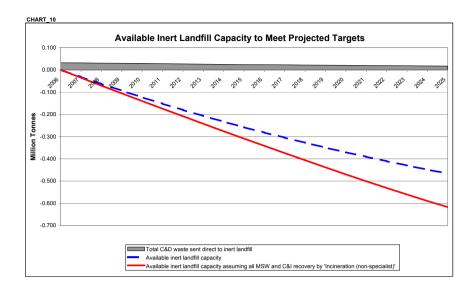
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









#### SUMMARY DATA AND RESULTS FOR KENT

IANAGED V	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
nsw	·		0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219
	s from london that are sent direct to non-hazardous landfill		0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029
&i			1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558
&I - imports &d	from london that are sent direct to non-hazardous landfill		0.131 2.600	0.128 2.600	0.125 2.600	0.121 2.600	0.118 2.600	0.111 2.600	0.105 2.600	0.098 2.600	0.092 2.600	0.085 2.600	0.081 2.600	0.078 2.600	0.074 2.600	0.071 2.600	0.067 2.600	0.066 2.600	0.064 2.600	0.062 2.600	0.061 2.600
a zardous			0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148
zardous			0.106	0.111	0.113	0.116	0.119	0.122	0.124	0.120	0.129	0.132	0.134	0.130	0.136	0.140	0.142	0.143	0.145	0.140	0.146
ASTE STR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
w	LATS shortfall (how much extra is landfilled above LATS target)		-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001
	Recycling and composting target		0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523	0.541	0.558	0.576	0.594	0.612	0.632	0.653	0.674	0.697	0.719
	Recovery target		0.056	0.070	0.085	0.100	0.122	0.151	0.180	0.211	0.235	0.260	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302
	Non-hazardous landfill		0.539	0.522	0.504	0.484	0.439	0.395	0.352	0.307	0.287	0.265	0.252	0.239	0.225	0.212	0.195	0.196	0.196	0.197	0.197
	Recycling and composting target		0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637
	Recovery target		0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496
	Non-hazardous landfill		0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425
	Recycling target		1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560
	Recovery target		0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749	0.759	0.770
	Inert landfill		0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270
rdous	Hazardous waste		0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assumes	s that this e	extra waste	is recycled/	composted	and recover	ed at the sa	me ratio as t	the regional	targets for i	recycling/co	omposting a	nd recovery	for that ye	ar.					
TING/P	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (	Million To	nnes)																	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
and C8	d recovery																				
	Total existing/planned MSW and C&I recovery capacity		0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
	Surplus/deficit capacity		-0.092	-0.116	-0.142	-0.168	-0.202	-0.258	-0.316	-0.376	-0.430	-0.486	-0.509	-0.533	-0.557	-0.582	-0.608	-0.599	-0.589	-0.579	-0.569
and C8	d recycling and composting																				
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770	0.770
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506	0.506
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.296	-0.379	-0.465	-0.555	-0.668	-0.744	-0.820	-0.898	-0.961	-1.025	-1.085	-1.145	-1.207	-1.270	-1.336	-1.397	-1.459	-1.522	-1.586
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.560	-0.643	-0.730	-0.820	-0.933	-1.008	-1.085	-1.162	-1.225	-1.290	-1.349	-1.410	-1.472	-1.535	-1.601	-1.661	-1.723	-1.786	-1.850
recyclin	9																				
	Total existing/planned C&D recycling capacity		0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065
	Surplus/deficit capacity		-1.131	-1.157	-1.183	-1.209	-1.235	-1.235	-1.235	-1.235	-1.235	-1.235	-1.287	-1.339	-1.391	-1.443	-1.495	-1.495	-1.495	-1.495	-1.495
ecover																					
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492	0.503	0.513
dous w	aste recycling																				
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000 N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
raous w	aste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
hozordo	us landfill		IN/A	IN/A	INA	INA	IN/A	IN/A	IN/A	INA	IN/A	IN/A	IN/A	IN/A	IN/A						
iiazaiuo	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		7.275	5.444	3.641	1.870	0.131	-1.549	-3.161	-4.701	-6.169	-7.583	-8.943	-10.279	-11.592	-12.879	-14.141	-15.374	-16.604	-17.831	-19.056
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		7.275	5.396	3.541	1.714	-0.084	-1.830	-3.514	-5.136	-6.695	-8.209	-9.676	-11.123	-12.550	-13.955	-15.339	-16.697	-18.052	-19.402	-20.748
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		7.275	5.254	3.247	1.256	-0.717	-2 652	-4.551	-6.414				-13.598	-15.361	-17.112	-18.853	-20.580	-22 299		-25.712
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		7.275	5.405	3.561	1.745	-0.041	-1.774	-3.443	-5.049	-6.590	-8.084	-9.529	-10.954	-12.358	-13.740	-15.099	-16.433	-17.762		-20.410
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		7.275	5.299	3.341	1.402	-0.516	-2.391	-4 221	-6.007	-7 748	-9 460	-11.142	-12.811	-14 466	-16 108	-17.735	-19.345	-20.948		-24 132
landfill																					
	Available inert landfill capacity		27.337	26.853	26.380	25.917	25,465	25.023	24.597	24.186	23.791	23.411	23.047	22.693	22.350	22.017	21.695	21.383	21.081	20.790	20.509
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		27.337	26.805	26.280	25.761	25.249	24.742	24.243	23.750	23.264	22.785	22.314	21.850	21.392	20.941	20.497	20.059	19.633	19.219	18.817
irdous la																					
	Available hazardous landfill capacity		3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309
	Note: The model does not contain data for the management of hazardous waste.																				
	•																				
1_01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																				
	) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1	) Forecast regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%
	Total arisings of MSW using regional growth forecasts	0.853	0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219
	) Forecast sub-regional growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	0.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(1	) Forecast sub-regional level growth rate of MSW - cumulative (%)	110%	113%	116%	119%	122%	125%	127%	130%	132%	135%	138%	140%	142%	144%	145%	147%	149%	151%	153%	156%
	Total arisings of MSW using sub-regional growth forecasts	0.860	0.882	0.904	0.926	0.949	0.973	0.993	1.012	1.033	1.053	1.074	1.090	1.107	1.123	1.129	1.146	1.163	1.181	1.198	1.216
	Arisings of C&I in baseline year	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	) Forecast regional level growth rate of C&I - per year (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	149%
(1	Foregoet regional level growth rate of CRL gumulative (%)		109%	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2 386	2.422	2.458	2.483	2.507	2.532	2.558
(1 (1	) Forecast regional level growth rate of C&I - cumulative (%)	1 827				2.016	2.067	2.106	2.150	2.193	2.237	2.202	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(1	) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	1.827	2 E0/	2 E0/			2.5%			128%	131%	133%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(1	Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%		1219/	123%						13/70							140/0
(1	) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)	3.3% 107%	109%	112%	115%	118%	121%	123%	126%					2 251	2 200	2.422	2.450	2.402			2 550
(1 (1	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts	3.3%					121% 2.067	123% 2.108	126% 2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558
(1 (1 rdous	Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year	3.3% 107% 1.827	109% 1.872	112% 1.919	115% 1.967	118% 2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316						2.507	2.532	
(1 (1 rdous	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - per year (%)	3.3% 107% 1.827	109% 1.872 2.5%	112% 1.919 2.5%	115% 1.967 2.5%	118% 2.016 2.5%	2.067	2.108	2.150	2.193	2.237	2.282	2.316	1.5%	1.5%	1.5%	1.5%	1.0%	2.507	2.532	1.0%
(1 (1 (1 (1	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)	3.3% 107% 1.827 3.3% 107%	109% 1.872 2.5% 109%	112% 1.919 2.5% 112%	115% 1.967 2.5% 115%	118% 2.016 2.5% 118%	2.067 2.5% 121%	2.108 2.0% 123%	2.150 2.0% 126%	2.193 2.0% 128%	2.237 2.0% 131%	2.282 2.0% 133%	2.316 1.5% 135%	1.5% 137%	1.5% 139%	1.5% 141%	1.5% 144%	1.0% 145%	2.507 1.0% 146%	2.532 1.0% 148%	1.0% 149%
(1 (1 rdous (2	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in basefine year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste	3.3% 107% 1.827 3.3% 107% 0.105	109% 1.872 2.5% 109% 0.108	112% 1.919 2.5% 112% 0.111	115% 1.967 2.5% 115% 0.113	2.016 2.016 2.5% 118% 0.116	2.067 2.5% 121% 0.119	2.108 2.0% 123% 0.122	2.150 2.0% 126% 0.124	2.193 2.0% 128% 0.126	2.237 2.0% 131% 0.129	2.282 2.0% 133% 0.132	2.316 1.5% 135% 0.134	1.5% 137% 0.136	1.5% 139% 0.138	1.5% 141% 0.140	1.5% 144% 0.142	1.0% 145% 0.143	2.507 1.0% 146% 0.145	2.532 1.0% 148% 0.146	1.0% 149% 0.148
(1 (1 (1 (2	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - umulative (%)   Total arisings of hazardous waste   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3% 107% 1.827 3.3% 107% 0.105 3.3%	109% 1.872 2.5% 109% 0.108 2.5%	112% 1.919 2.5% 112% 0.111 2.5%	115% 1.967 2.5% 115% 0.113 2.5%	2.5% 118% 0.116 2.5%	2.067 2.5% 121% 0.119 2.5%	2.108 2.0% 123% 0.122 2.0%	2.150 2.0% 126% 0.124 2.0%	2.193 2.0% 128% 0.126 2.0%	2.237 2.0% 131% 0.129 2.0%	2.282 2.0% 133% 0.132 2.0%	2.316 1.5% 135% 0.134 1.5%	1.5% 137% 0.136 1.5%	1.5% 139% 0.138 1.5%	1.5% 141% 0.140 1.5%	1.5% 144% 0.142 1.5%	1.0% 145% 0.143 1.0%	2.507 1.0% 146% 0.145 1.0%	2.532 1.0% 148% 0.146 1.0%	1.0% 149% 0.148 1.0%
(1 (1 rdous (2	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3% 107% 1.827 3.3% 107% 0.105 3.3% 107%	109% 1.872 2.5% 109% 0.108 2.5% 109%	112% 1.919 2.5% 112% 0.111 2.5% 112%	115% 1.967 2.5% 115% 0.113 2.5% 115%	2.5% 118% 0.116 2.5% 118%	2.067 2.5% 121% 0.119 2.5% 121%	2.108 2.0% 123% 0.122 2.0% 123%	2.150 2.0% 126% 0.124 2.0% 126%	2.193 2.0% 128% 0.126 2.0% 128%	2.237 2.0% 131% 0.129 2.0% 131%	2.282 2.0% 133% 0.132 2.0% 133%	2.316 1.5% 135% 0.134 1.5% 135%	1.5% 137% 0.136 1.5% 137%	1.5% 139% 0.138 1.5% 139%	1.5% 141% 0.140 1.5% 141%	1.5% 144% 0.142 1.5% 144%	1.0% 145% 0.143 1.0% 145%	2.507 1.0% 146% 0.145 1.0% 146%	2.532 1.0% 148% 0.146 1.0% 148%	1.0% 149% 0.148 1.0% 149%
(1 (1 rdous (2	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste	3.3% 107% 1.827 3.3% 107% 0.105 3.3%	109% 1.872 2.5% 109% 0.108 2.5%	112% 1.919 2.5% 112% 0.111 2.5%	115% 1.967 2.5% 115% 0.113 2.5%	2.5% 118% 0.116 2.5%	2.067 2.5% 121% 0.119 2.5%	2.108 2.0% 123% 0.122 2.0%	2.150 2.0% 126% 0.124 2.0%	2.193 2.0% 128% 0.126 2.0%	2.237 2.0% 131% 0.129 2.0%	2.282 2.0% 133% 0.132 2.0%	2.316 1.5% 135% 0.134 1.5%	1.5% 137% 0.136 1.5%	1.5% 139% 0.138 1.5%	1.5% 141% 0.140 1.5%	1.5% 144% 0.142 1.5%	1.0% 145% 0.143 1.0%	2.507 1.0% 146% 0.145 1.0%	2.532 1.0% 148% 0.146 1.0%	1.0% 149% 0.148 1.0%
(1 (1) (1) (2)	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Total managed C&B in baseline year	3.3% 107% 1.827 3.3% 107% 0.105 3.3% 107% 0.105	109% 1.872 2.5% 109% 0.108 2.5% 109% 0.108	112% 1.919 2.5% 112% 0.111 2.5% 112% 0.111	115% 1.967 2.5% 115% 0.113 2.5% 115% 0.113	2.5% 118% 0.116 2.5% 118% 0.116 2.5% 118% 0.116	2.067 2.5% 121% 0.119 2.5% 121% 0.119	2.108 2.0% 123% 0.122 2.0% 123% 0.122	2.150 2.0% 126% 0.124 2.0% 126% 0.124	2.193 2.0% 128% 0.126 2.0% 128% 0.126	2.237 2.0% 131% 0.129 2.0% 131% 0.129	2.282 2.0% 133% 0.132 2.0% 133% 0.132	2.316 1.5% 135% 0.134 1.5% 135% 0.134	1.5% 137% 0.136 1.5% 137% 0.136	1.5% 139% 0.138 1.5% 139% 0.138	1.5% 141% 0.140 1.5% 141% 0.140	1.5% 144% 0.142 1.5% 144% 0.142	1.0% 145% 0.143 1.0% 145% 0.143	2.507 1.0% 146% 0.145 1.0% 146% 0.145	2.532 1.0% 148% 0.146 1.0% 148% 0.146	1.0% 149% 0.148 1.0% 149% 0.148
(1 (1 (1 rdous (2	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Total arisings of hazardous waste   Total arisings of hazardous waste   Forecast sub-regional-level growth rate of hazardous waste   Per year (%)   Forecast regional-level growth rate of managed C&D - per year (%)	3.3% 107% 1.827 3.3% 107% 0.105 3.3% 107% 0.105	109% 1.872 2.5% 109% 0.108 2.5% 109% 0.108	112% 1.919 2.5% 112% 0.111 2.5% 112% 0.111 0.0%	115% 1.967 2.5% 115% 0.113 2.5% 115% 0.113 0.0%	2.5% 118% 0.116 2.5% 118% 0.116 2.5% 118% 0.116	2.067 2.5% 121% 0.119 2.5% 121% 0.119 0.0%	2.108 2.0% 123% 0.122 2.0% 123% 0.122 0.0%	2.150 2.0% 126% 0.124 2.0% 126% 0.124 0.0%	2.193 2.0% 128% 0.126 2.0% 128% 0.126 0.0%	2.237 2.0% 131% 0.129 2.0% 131% 0.129 0.09	2.282 2.0% 133% 0.132 2.0% 133% 0.132 0.0%	2.316 1.5% 135% 0.134 1.5% 135% 0.134 0.0%	1.5% 137% 0.136 1.5% 137% 0.136	1.5% 139% 0.138 1.5% 139% 0.138	1.5% 141% 0.140 1.5% 141% 0.140	1.5% 144% 0.142 1.5% 144% 0.142	1.0% 145% 0.143 1.0% 145% 0.143	2.507 1.0% 146% 0.145 1.0% 146% 0.145 0.0%	2.532 1.0% 148% 0.146 1.0% 148% 0.146 0.0%	1.0% 149% 0.148 1.0% 149% 0.148
(1 (1 (1) ardous (2 (2	Forecast regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Total managed C&B in baseline year	3.3% 107% 1.827 3.3% 107% 0.105 3.3% 107% 0.105	109% 1.872 2.5% 109% 0.108 2.5% 109% 0.108	112% 1.919 2.5% 112% 0.111 2.5% 112% 0.111	115% 1.967 2.5% 115% 0.113 2.5% 115% 0.113	2.5% 118% 0.116 2.5% 118% 0.116 2.5% 118% 0.116	2.067 2.5% 121% 0.119 2.5% 121% 0.119	2.108 2.0% 123% 0.122 2.0% 123% 0.122	2.150 2.0% 126% 0.124 2.0% 126% 0.124	2.193 2.0% 128% 0.126 2.0% 128% 0.126	2.237 2.0% 131% 0.129 2.0% 131% 0.129	2.282 2.0% 133% 0.132 2.0% 133% 0.132	2.316 1.5% 135% 0.134 1.5% 135% 0.134	1.5% 137% 0.136 1.5% 137% 0.136	1.5% 139% 0.138 1.5% 139% 0.138	1.5% 141% 0.140 1.5% 141% 0.140	1.5% 144% 0.142 1.5% 144% 0.142	1.0% 145% 0.143 1.0% 145% 0.143	2.507 1.0% 146% 0.145 1.0% 146% 0.145	2.532 1.0% 148% 0.146 1.0% 148% 0.146	1.0% 149% 0.148 1.0% 149% 0.148

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

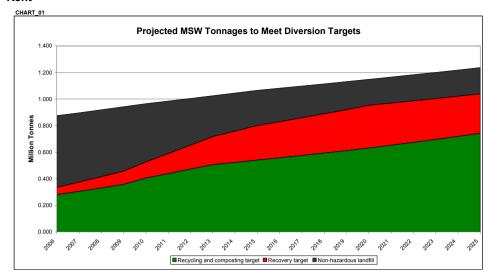
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

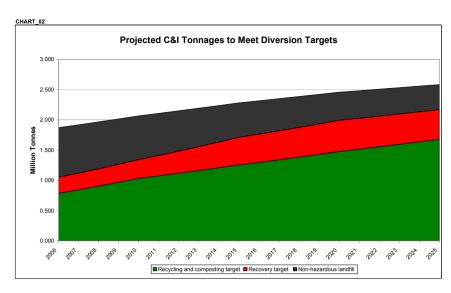
DATA_02:	INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c	&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%
	(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.198	0.193	0.188	0.183	0.178	0.173	0.163	0.154	0.144	0.134	0.125	0.119	0.114	0.109	0.104	0.099	0.097	0.094	0.092	0.090	0.088
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.063	0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.063	0.062	0.060	0.059	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.037	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.135	0.131	0.128	0.125	0.121	0.118	0.111	0.105	0.098	0.092	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.062	0.061	0.059
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.134	0.131	0.128	0.124	0.121	0.118	0.111	0.104	0.098	0.091	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.063	0.061	0.059

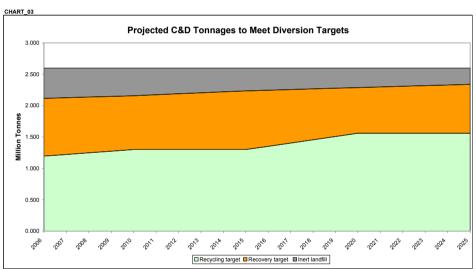
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

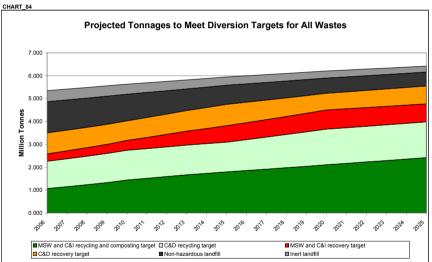
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.853	0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219	1.237
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.063	0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
c&i		1.827	1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558	2.583
c&I - import	s from london that are sent direct to non-hazardous landfill	0.135	0.131	0.128	0.125	0.121	0.118	0.111	0.105	0.098	0.092	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.062	0.061	0.059
c&d		2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600
hazardous		0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.428	0.414	0.393	0.366	0.331	0.290	0.258	0.226	0.193	0.185	0.177	0.168	0.160	0.152	0.144	0.135	0.135	0.135	0.135	0.135	0.135
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	,																					

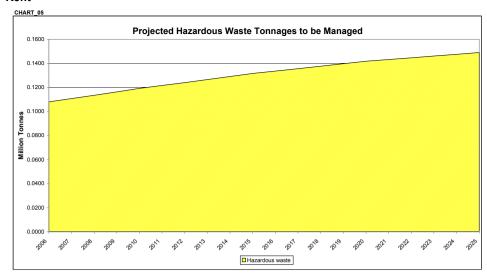
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.299	0.336	0.375	0.415	0.458	0.502	0.555	0.611	0.668	0.727	0.789	0.820	0.852	0.885	0.919	0.953	0.970	0.987	1.004	1.021	1.039
	Total MSW not-diverted by targets	0.555	0.539	0.522	0.504	0.484	0.463	0.429	0.394	0.357	0.318	0.277	0.262	0.246	0.230	0.213	0.195	0.196	0.196	0.197	0.197	0.198
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.377	0.366	0.355	0.342	0.329	0.315	0.292	0.268	0.242	0.216	0.188	0.178	0.167	0.156	0.145	0.133	0.133	0.134	0.134	0.134	0.135
	LATS shortfall (how much extra is landfilled above LATS target)	-0.050	-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001	-0.001
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.006	0.009	0.012	0.014	0.010	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.019	0.025	0.030	0.035	0.021	0.008	0.006	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.256	0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523	0.541	0.558	0.576	0.594	0.612	0.632	0.653	0.674	0.697	0.719	0.742
	Recovery target	0.043	0.056	0.070	0.085	0.100	0.122	0.151	0.180	0.211	0.235	0.260	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	0.297
	Non-hazardous landfill	0.555	0.539	0.522	0.504	0.484	0.439	0.395	0.352	0.307	0.287	0.265	0.252	0.239	0.225	0.212	0.195	0.196	0.196	0.197	0.197	0.198
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.731	0.786	0.844	0.905	0.968	1.033	1.075	1,118	1.162	1.208	1.255	1.297	1.340	1.384	1,429	1.475	1.514	1.555	1.595	1.637	1.679
oui	Recovery target	0.256	0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	0.491
	Non-hazardous landfill	0.840	0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425	0.413
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Post for head	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	1.560
c&d	Recycling target	1.170	1.196	1.222	1.248	1.274 0.874	1.300 0.858	1.300	1.300 0.889	1.300	1.300 0.920	1.300 0.936	1.352	1.404 0.853	1.456	1.508 0.770	1.560 0.728	1.560	1.560	1.560 0.759	1.560 0.770	0.780
	Recovery target	0.936 0.494	0.920 0.484	0.905 0.473	0.889 0.463	0.874	0.858	0.874 0.426	0.889	0.905 0.395	0.920	0.936	0.894 0.354	0.853	0.811 0.333	0.770	0.728	0.738 0.302	0.749 0.291	0.759	0.770	0.780
	CHECK COUNTER (should be zero)	0.494	0.000	0.473	0.000	0.452	0.000	0.426	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.201	0.270	0.200
	CHECK COUNTER (Stitulia de Zeira)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.987	1.066	1.149	1.236	1.326	1.439	1.514	1.591	1.668	1.731	1.796	1.855	1.916	1.977	2.040	2.106	2.167	2.229	2.292	2.356	2.422
	C&D recycling target	1.170	1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	1.560
	MSW and C&I recovery target	0.298	0.322	0.346	0.372	0.398	0.432	0.488	0.546	0.606	0.660	0.716	0.739	0.763	0.787	0.812	0.838	0.828	0.819	0.809	0.799	0.788
	C&D recovery target	0.936	0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749	0.759	0.770	0.780
	Non-hazardous landfill	1.395	1.359	1.320	1.279	1.234	1.162	1.091	1.018	0.943	0.891	0.836	0.803	0.770	0.736	0.701	0.662	0.653	0.643	0.633	0.622	0.611
	Inert landfill	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.260
	Hazardous waste	0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149









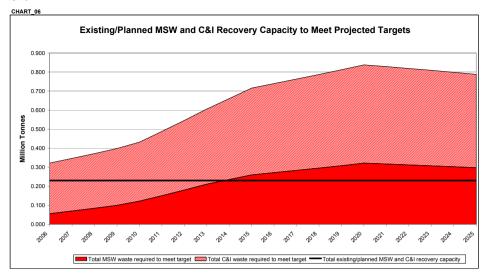


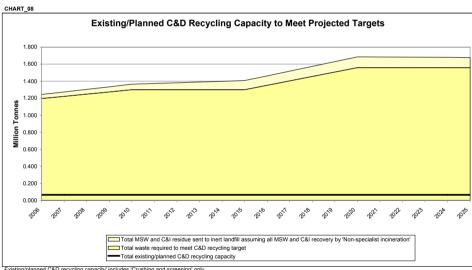
G. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

Total MSW waste required to meet recycling and composting target 0.256 0.280 0.305 0.331 0.358 0.405 0.439 0.473 0.506 0.523 0.541 0.558 0.576 0.594 0.612 0.632 0.653 0.674 0.697 0.719 0.742 0.701 0		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Mary and Cal Inversional Mary and Cal Invers	MSW and C&I recovery																					
Second content of the properties of the proper	MSW and C&I incineration (non-specialist)	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
This Half Weight flower to program of the mean tragent flower to progr	MSW and C&I treatment	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227
Teach   Part	Total existing/planned MSW and C&I recovery capacity	0.230																	0.230			
Sum   Marcial Composing	Total MSW waste required to meet target	0.043	0.056	0.070	0.085	0.100	0.122	0.151	0.180	0.211	0.235	0.260	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	0.297
No.   Part   P	Total C&I waste required to meet target	0.256	0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	
Second color sections	Surplus/deficit capacity	-0.068	-0.092	-0.116	-0.142	-0.168	-0.202	-0.258	-0.316	-0.376	-0.430	-0.486	-0.509	-0.533	-0.557	-0.582	-0.608	-0.599	-0.589	-0.579	-0.569	-0.558
Mary and Cult summer   Mary and Cult competing capacity   Mary and Cult competing ca																						
The contemplatment MNN and CAI composing capacity (Issue interes)   Contemplatment (ISS) and CAI composing capacity (Issue interes)   Contemplation (ISS) and CAI composing capacity (Issue interes)   Contemplation (ISS) and CAI composing capacity (Issue interes)																						
The part part part part part part part part								1.764														
Total contemplatement INSW and CLG Invecting and composing garged (previously Sevent Instanting Cusposing Service Instanting Cusposing Cu																						
Total Listly wasses required to meet requiring and composing taggerd  1. 276																						
Total Color Understand recogning largert   1.073   0.786   0.876   0	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)																					
Supplise official capacity (Baselines 22% of frameter capacity (Baselines 22% of frameter capacity (Baselines 22% of frameter capacity (Baselines 22% of facility (Baselines 22% of f	Total MSW waste required to meet recycling and composting target	0.256	0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523		0.558	0.576	0.594		0.632	0.653	0.674	0.697		
Suphsudeficif capacity (Semishiny 5% of transfer capacity 5% of transfer capacity (Semishiny 5% of transfer capacity 5% of tran																						
Column   C	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)																					
Total substranging plasment C&D recycling capachy   0.068   0.069		-0.481	-0.560	-0.643	-0.730	-0.820	-0.933	-1.008	-1.085	-1.162	-1.225	-1.290	-1.349	-1.410	-1.472	-1.535	-1.601	-1.661	-1.723	-1.786	-1.850	-1.916
Table waster feequied to meet CAD recoving funged to meet CAD recoving funged to meet CAD recoving funged to meet CAD recovery capacity  1.10																						
Surplissordient capacity																						
Cab necession   Cab necessio																						
REGIONAL total existing planned C&D recovery apacely  1.877 1.794 1.710 1.827 1.794 1.710 1.827 1.846 1.838 1.837 1.836 1.328 1.328 1.321 1.228 1.221 1.219 1.220 1.231 1.199 1.220 1.241 1.282 1.283 1.304 2.505		-1.105	-1.131	-1.157	-1.183	-1.209	-1.235	-1.235	-1.235	-1.235	-1.235	-1.235	-1.287	-1.339	-1.391	-1.443	-1.495	-1.495	-1.495	-1.495	-1.495	-1.495
Sub-regional total waste frequent ment C&D recovery target   0.938   0.936   0.938   0.936   0.938   0.936   0.938   0.930   0.938   0.938   0.930																						
Suphus/deficit capacity																						
Part																						
Total extasting-lylamed hazardous wastle recvering capacity  1000 0 000 0 000 0 000 0 000 0 000 0 000 0		0.941	0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492	0.503	0.513	0.524
Total paramarfous wasset to be recycled  NA N																						
Surplus definit capacity   Ni																						
Name																						
Total nearzardous waste recovery capacity  0.000		N/A																				
Total hazardous waste to be recovered																						
Surplise/field capacity   Surplise/field capacity (schulding residues from MSW and C&I recovery by Incheration (non-specialisty)   T.275   S.444   S.441   S.474   S																						
Non-hazardous   Indifficable																						
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery by Incineration (non-specialisty)' 7,275		N/A																				
Available non-hazardous landfill capacity assuming all MSW and CAl recovery by MBT 7 275 5.294 3.294 7 12.60 7.717 5.254 5.254 3.274 12.60 7.717 5.254 5.254 3.274 12.60 7.717 5.254 5.254 3.274 12.60 7.717 5.254 5.254 3.274 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.717 5.254 5.254 3.254 7 12.60 7.718 9.450 9.504 9.529 9.004 9.004			7.075		0.044	4.070	0.404	4.540	0.404	1701	0.400	7.500	0.040	40.070	44.500	40.070		45.074	40.004	47.004	40.050	00.077
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT 7275 5.495 3.561 1.75 5.405 3.505 3.405																						
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by ToP 7275 5.05 3.561 1.745 0.041 1.774 3.443 5.04 1.774 3.443 5.04 9.529 1.095																						
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by treatment   1.2725   2.99   3.341   1.402   0.516   2.391   4.221   6.073   7.774   9.460   1.1142   1.2811   1.4466   16.108   1.7735   19.345   2.048   2.254   2.4731   2.5731   2.5731   2.5731   2.583																						
Total MSW and C&l waste sent direct to non-hazardous landfill (large-like) with the following land (large-like) with the f																						
Institution																						
Available inert landfill capacity Availa			1.359	1.320	1.279	1.234	1.162	1.091	1.018	0.943	0.891	0.836	0.803	0.770	0.736	0.701	0.662	0.653	0.643	0.633	0.622	0.611
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' 27.337 26.805 26.280 25.761 25.249 24.742 24.243 23.750 23.264 22.785 22.314 21.850 21.392 20.941 20.497 20.059 19.633 19.219 18.817 18.427 Total C&D waste sent direct to inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' 27.851 25.249 24.742 24.243 23.750 23.264 22.785 22.314 21.850 21.392 20.941 20.497 20.059 19.633 19.219 18.817 18.427 Total C&D waste sent direct to inert landfill capacity and the control of t			07.007	00.050	00.000	05.047	05.405	05.000	04.507	04.400	00.704	00.111	00.047	00.000	00.050	00.047	04.005	04.000	04.004	00.700	00 500	00.000
Total CAD waste sent direct to inert landfill    0.494   0.484   0.473   0.463   0.452   0.412   0.426   0.411   0.395   0.380   0.364   0.354   0.343   0.333   0.322   0.312   0.302   0.291   0.281   0.280   0.280																						
Hazardous landfill		0.404																				
Available hazardous landfill capacity 3.309 3.30		0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.260
Total hazardous waste sent direct to hazardous landfill  N/A		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other         Operation         0.962																						
Metal/ELV facility 0.962			W/A I	W/A I	WA I	WA N	VA N	I/A N	WA N	/A N	WA N	I/A N	I/A N	WA N	VA N	VA P	WA I	N/A N	WA N	WA N	WA N	/A
1,779 1,779		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005																						
	Ciosed	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

DATA_08:	RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	MSW and C&I incineration (non-specialist) - Buton ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	5
	MSW and C&I to RDF	12 45	12	12	12 45	12	12	12	12	12 45	12	12	12	12	12	12 45	12	12	12	12	12 45	1:
	MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	4
	Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Recycling residues (% by weight)																					
	MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	1:
	MSW and C&I transfer MSW and C&I composting	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	15 15	1
	C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1
	Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
	Other																					
	Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	. 1
	Ignored Closed	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/ N/
							1671		1471					1071	1071		14.71	1671		1071		
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with																					
DATA_09:	TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Recovery residues (of waste managed):	0.000	0.007	0.404	0.440	0.110	0.400	0.110	0.404	0.400	0.400	0.045	0.000	0.000	0.000	0.044	0.054	0.040	0.040	0.040	0.040	0.00
	MSW and C&I incineration (non-specialist) - bottom ash	0.090	0.097	0.104	0.112	0.119 0.012	0.129 0.013	0.146 0.015	0.164	0.182	0.198 0.020	0.215 0.021	0.222	0.229	0.236 0.024	0.244	0.251	0.249	0.246	0.243	0.240	0.23
	MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	0.009	0.010	0.010	0.011	0.012	0.013	0.015	0.016	0.018	0.020	0.021	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.024	0.024	0.02
	MSW and C&I to RDF	0.036	0.039	0.042	0.045	0.048	0.052	0.059	0.066	0.073	0.079	0.086	0.089	0.092	0.094	0.097	0.101	0.099	0.098	0.097	0.096	0.09
	MSW and C&I treatment - non-hazardous	0.134	0.145	0.156	0.167	0.179	0.194	0.220	0.246	0.273	0.297	0.322	0.333	0.343	0.354	0.365	0.377	0.373	0.368	0.364	0.359	0.35
	MSW and C&I treatment - hazardous	0.015	0.016	0.017	0.019	0.020	0.022	0.024	0.027	0.030	0.033	0.036	0.037	0.038	0.039	0.041	0.042	0.041	0.041	0.040	0.040	0.03
	Hazardous waste recovery	N/A N	I/A N	/A 1	N/A N	I/A N	WA N	I/A N	/A N	/A N	/A N	/A N	A N	/A N	I/A N	/A N	I/A N	/A N	/A N	I/A N/.	A N	I/A
	Recycling residues (of waste managed):  MSW and C&I recycling and composting	0.148	0.160	0.172	0.185	0.199	0.216	0.227	0.239	0.250	0.260	0.269	0.278	0.287	0.297	0.306	0.316	0.325	0.334	0.344	0.353	0.36
	C&D recycling	0.148	0.100	0.172	0.125	0.127	0.130	0.130	0.239	0.130	0.130	0.130	0.135	0.140	0.297	0.151	0.156	0.325			0.355	0.15
	Hazardous waste recycling	N/A N	I/A N	1/A N	N/A N	I/A N	VA N	I/A N	/A N	/A N	/A N	/A N	'A N	/A N	/A N	/A N	I/A N	/A N	/A N	I/A N/.	/A N	I/A
DATA_10:	TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.265	0.280	0.295	0.310	0.326	0.346	0.357	0.369	0.380	0.390	0.399	0.413	0.428	0.442	0.457	0.472	0.481	0.490	0.500	0.509	0.51
DATA_11:	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005 0.045	2006	2007	2008	2009	2010	2011	2012 0.082	2013	2014	2015	2016	2017 0.114	2018 0.118	2019	2020	2021 0.124	2022 0.123	2023	2024 0.120	202
	(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.045	0.048	0.052	0.056	0.060 0.060	0.065	0.073	0.082	0.091	0.099 0.099	0.107	0.111	0.114	0.118	0.122 0.122	0.126	0.124	0.123	0.121	0.120	0.11
	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.176	0.190	0.204	0.219	0.235	0.255	0.288	0.322	0.358	0.390	0.422	0.436	0.450	0.464	0.479	0.494	0.489	0.483	0.477	0.471	0.46
	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.036	0.039	0.042	0.045	0.048	0.052	0.059	0.066	0.073	0.079	0.086	0.089	0.092	0.094	0.097	0.101	0.099	0.098	0.097	0.096	0.09
	Total MSW and C&I residue sent to non-hazardous landfill	0.134	0.145	0.156	0.167	0.179	0.194	0.220	0.246	0.273	0.297	0.322	0.333	0.343	0.354	0.365	0.377	0.373	0.368	0.364	0.359	0.35
	(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar	ndfill. In the or	riginal mode	el assumptio	ons develope	ed MEL 509	% was assur	ned to go to	C&D recycl	ling, rather t	han to inert	landfi										
DATA 12:	TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)							-		-												
	(1) C&D reused on landfill sites	39 %																				
	(1) C&D reused on exempt sites	61 %	6																			
	(1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'	30 % 70 %																				
	(1) Code reused on landing sites sent to ment landing	70 /	0																			
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
c&d	Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.109 0.254	0.107 0.250	0.105 0.246	0.103 0.241	0.102	0.100 0.233	0.102 0.237	0.103	0.105 0.246	0.107	0.109 0.254	0.104	0.099 0.232	0.094	0.090	0.085 0.198	0.086	0.087 0.203	0.088	0.090	0.09 0.21
		0.234	0.230	0.240	0.241	0.231	0.233	0.237	0.241	0.240	0.230	0.234	0.243	0.232	0.220	0.209	0.150	0.200	0.203	0.200	0.209	0.21
	(1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	upplied by eac	ch sub-regio	n has acco	unted for C8	kD reuse as	an enginee	ring materia	ıl.													
DATA_13:	TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
	Total MSW and C&I recycling and composting residue sent to hazardous landfill	2005 N/A N	2006 I/A N	2007 I/A N	2008 N/A N	2009 I/A N	2010 VA N	2011 I/A N	2012 /A N	2013 /A N	2014 /A N	2015 /A N	2016 A N	2017 /A N	2018 /A N	2019 /A N	2020 I/A N	2021	2022 /A N	2023 I/A N/	2024 /A N	202 I/A
		1975		WA 1	WA I	WA 11		VA I	, IN	, IN	A 11	/A 19	A 19	/A 19	NA IN	<i>i</i>	<u> </u>	175	175 15	<i>I</i> A 180	A 19	
DATA_14:	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.009	0.010	0.010	0.011	0.012	0.013	0.015	0.016	0.018	0.020	0.021	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.024	0.024	0.02
	Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)		0		0				0.0	0.555	0.5	0.5	0.5	0.555	0.555		0.7.7	0.5	0.5	0.5:-	0.5.5	
	Total MSW and C&I residue sent to hazardous landfill	0.015	0.016	0.017	0.019	0.020	0.022	0.024	0.027	0.030	0.033	0.036	0.037	0.038	0.039	0.041	0.042	0.041	0.041	0.040	0.040	0.03
	NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of many	anaged waste	versus ava	ilable capad	city.																	
DATA_15:	TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To																					
	Total hazardous waste recycling and recovery residue sent to hazardous landfill	2005 N/A N	2006 I/A N	2007 I/A N	2008 N/A N	2009 I/A N	2010 VA N	2011 I/A N	2012 /A N	2013 /A N	2014 /A N	2015 /A N	2016 'A N	2017 /A N	2018 /A N	2019 /A N	2020 I/A N	2021 /A N	2022 /A N	2023 I/A N/	2024 /A N	202 I/A
	rotal hazardous waste recycling and recovery residue sent to hazardous landilli																					

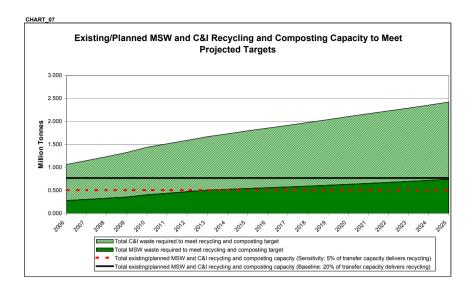


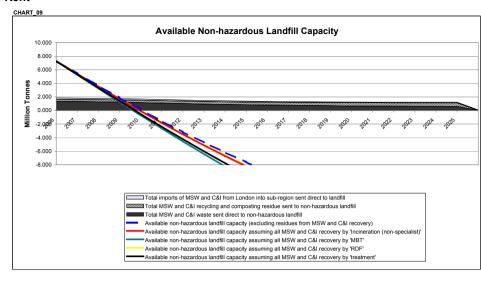


Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

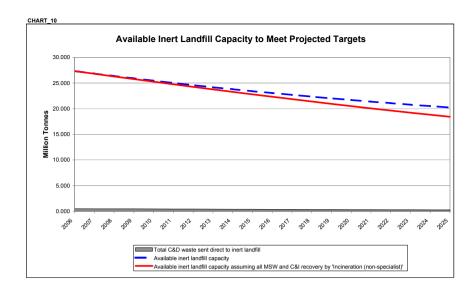
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)





NOTE: The graph assumes that the baseline capacity for non-hazardous landfill has accounted for C&D reuse as a landfill engineering material.



#### SUMMARY DATA AND RESULTS FOR MEDWAY

IANAGED 1	NASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
nsw	·		0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191
	s from london that are sent direct to non-hazardous landfill		0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005
&i			0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132
&I - imports &d	from london that are sent direct to non-hazardous landfill		0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
ka azardous			0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
zardous			0.016	0.016	0.016	0.017	0.017	0.016	0.016	0.016	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021
ASTE STE	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW	LATS shortfall (how much extra is landfilled above LATS target)		-0.020	-0.018	-0.014	-0.009	-0.003	-0.001	0.001	0.003	0.000	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.003
	Recycling and composting target		0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113
	Recovery target		0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048	0.047
	Non-hazardous landfill		0.085	0.082	0.079	0.076	0.073	0.067	0.061	0.053	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031
	Recycling and composting target		0.040	0.043	0.047	0.050	0.053	0.055	0.058	0.060	0.062	0.065	0.067	0.069	0.071	0.074	0.076	0.078	0.080	0.082	0.084
	Recovery target		0.014	0.014	0.015	0.015	0.016	0.017	0.019	0.020	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.026	0.026	0.026	0.026
	Non-hazardous landfill		0.042	0.041	0.040	0.039	0.037	0.036	0.034	0.033	0.031	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.022
	Recycling target		0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199
	Recovery target		0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098
	Inert landfill		0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034
ırdous	Hazardous waste		0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	es that this e	extra waste	is recycled/o	composted	and recover	ed at the sa	me ratio as ti	he regional	targets for re	ecycling/co	mposting a	nd recovery	for that ye	ar.					
TING/P	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (	(Million To	nnes)																	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
and C	kl recovery																				
	Total existing/planned MSW and C&I recovery capacity		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
	Surplus/deficit capacity		-0.017	-0.020	-0.023	-0.026	-0.029	-0.035	-0.041	-0.047	-0.052	-0.059	-0.061	-0.064	-0.067	-0.069	-0.072	-0.071	-0.070	-0.069	-0.068
and C	kl recycling and composting																				
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.091	0.084	0.077	0.070	0.062	0.055	0.048	0.040	0.034	0.027	0.022	0.017	0.012	0.006	0.001	-0.005	-0.010	-0.016	-0.022
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.041	-0.047	-0.055	-0.062	-0.070	-0.076	-0.084	-0.092	-0.097	-0.104	-0.109	-0.115	-0.120	-0.126	-0.131	-0.137	-0.142	-0.148	-0.153
recyclir	9																				
	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.153	-0.156	-0.159	-0.162	-0.166	-0.166	-0.166	-0.166	-0.166	-0.166	-0.172	-0.179	-0.186	-0.192	-0.199	-0.199	-0.199	-0.199	-0.199
recover																					
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.676	1.595	1.514	1.432	1.351	1.328	1.305	1.282	1.259	1.236	1.210	1.184	1.158	1.133	1.107	1.126	1.146	1.165	1.185
rdous v	aste recycling																				
	Total existing/planned hazardous waste recycling capacity		0.000 N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000 N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
iraous v	raste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
hozorde	us landfill		IN/A	IN/A		IWA	IN/A	IWA	IN/A	IN/A	IN/A	IN/A	IN/A								
ilazaiuc	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.075	-0.096	-0.265	-0.430	-0.593	-0.751	-0.903	-1.047	-1.182	-1.312	-1.435	-1.555	-1.672	-1.787	-1.900	-2.009	-2.119	-2.228	-2.338
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.075	-0.100	-0.272	-0.442	-0.609	-0.772	-0.930	-1.081	-1.224	-1.363	-1.495	-1.625	-1.753	-1.878	-2.002	-2.123	-2.244	-2.365	-2.486
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.075	-0.110	-0.272	-0.475	-0.656	-0.772	-1.010	-1.181		-1.510	-1.670	-1.023	-1.733	-2.145	-2.301	-2.126	-2.610	-2.764	-2.918
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.075	-0.099	-0.271	-0.439	-0.605	-0.768	-0.925	-1.074	-1.216	-1.353	-1.483	-1.611	-1.737	-1.860	-1.981	-2.100	-2.219	-2.337	-2.456
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.075	-0.000	-0.271	-0.464	-0.663	-0.700	-0.984	-1.149	-1.210	-1.463	-1.615	-1.764	-1.913	-2.060	-2 206	-2.100	-2.213	-2.637	-2.780
landfill	Transaction not necessary accounting an inert and earliestery by accounting		0.010			0.101	0.011	0.010	0.001	1.110	1.000	1.100	1.010	1.701	1.010	2.000	2.200	2.000	2.101	2.007	2.700
idiraiiii	Available inert landfill capacity		0.000	-0.062	-0.122	-0.181	-0.239	-0.295	-0.350	-0.402	-0.452	-0.501	-0.547	-0.592	-0.636	-0.678	-0.720	-0.759	-0.798	-0.835	-0.871
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.065	-0.129	-0.192	-0.255	-0.316	-0.377	-0.436	-0.494	-0.551	-0.607	-0.662	-0.716	-0.769	-0.822	-0.873	-0.923	-0.971	-1.018
ardous la			0.000	0.000	0.120	0.102	0.200	0.010	0.077	0.100	0.101	0.001	0.007	0.002	0.7 10	0.700	0.022	0.010	0.020	0.07 1	1.010
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
	•																				
A_01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																				
	) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(	) Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%
	Total arisings of MSW using regional growth forecasts	0.134	0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191
	) Forecast sub-regional growth rate of MSW - per year (%)	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
	) Forecast sub-regional level growth rate of MSW - cumulative (%)	104%	106%	108%	110%	113%	115%	117%	120%	122%	124%	127%	129%	132%	135%	137%	140%	143%	146%	149%	152%
(		0.131	0.134	0.137	0.140	0.142	0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.167	0.170	0.173	0.177	0.180	0.184	0.188	0.192
(	Total arisings of MSW using sub-regional growth forecasts			2.5%	0.50/	0.50/	0.50/	0.00/	0.00/	0.00/	0.00/	0.00/	4.50/	4.50/	4.50/	4.50/	4.50/	4.00/	4.00/	4.00/	4.00/
	Arisings of C&I in baseline year	0.00/			2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0% 147%	1.5% 149%	1.5% 151%	1.5% 153%	1.5% 156%	1.5% 158%	1.0% 160%	1.0% 161%	1.0% 163%	1.0%
(	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%		4000/	4000/															164%
(	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%										
(	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	117% 0.094	120% 0.096	123% 0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132
(	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts ) Forecast sub-regional level growth rate of C&I - per year (%)	117% 0.094 3.3%	120% 0.096 2.5%	123% 0.099 2.5%	0.101 2.5%	0.104 2.5%	0.106 2.5%	0.108 2.0%	0.111 2.0%	0.113 2.0%	0.115 2.0%	0.117 2.0%	0.119 1.5%	0.121	0.123 1.5%	0.125 1.5%	0.126 1.5%	0.128	0.129	0.130	0.132
(	Arisings of C&I in baseline year  ) Forecast regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  ) Forecast sub-regional level growth rate of C&I - per year (%)  ) Forecast sub-regional level growth rate of C&I - cumulative (%)	117% 0.094 3.3% 117%	120% 0.096 2.5% 120%	123% 0.099 2.5% 123%	0.101 2.5% 126%	0.104 2.5% 130%	0.106 2.5% 133%	0.108 2.0% 136%	0.111 2.0% 138%	0.113 2.0% 141%	0.115 2.0% 144%	0.117 2.0% 147%	0.119 1.5% 149%	0.121 1.5% 151%	0.123 1.5% 153%	0.125 1.5% 156%	0.126 1.5% 158%	0.128 1.0% 160%	0.129 1.0% 161%	0.130 1.0% 163%	0.132 1.0% 164%
(	Arisings of C&I in baseline year  ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-with rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts	117% 0.094 3.3%	120% 0.096 2.5%	123% 0.099 2.5%	0.101 2.5%	0.104 2.5%	0.106 2.5%	0.108 2.0%	0.111 2.0%	0.113 2.0%	0.115 2.0%	0.117 2.0%	0.119 1.5%	0.121	0.123 1.5%	0.125 1.5%	0.126 1.5%	0.128	0.129	0.130	0.132
( ( ( rdous	Arisings of C&I in baseline year  ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts    Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year	117% 0.094 3.3% 117% 0.094	120% 0.096 2.5% 120% 0.096	123% 0.099 2.5% 123% 0.099	0.101 2.5% 126% 0.101	0.104 2.5% 130% 0.104	0.106 2.5% 133% 0.106	0.108 2.0% 136% 0.108	0.111 2.0% 138% 0.111	0.113 2.0% 141% 0.113	0.115 2.0% 144% 0.115	0.117 2.0% 147% 0.117	0.119 1.5% 149% 0.119	0.121 1.5% 151% 0.121	0.123 1.5% 153% 0.123	0.125 1.5% 156% 0.125	0.126 1.5% 158% 0.126	0.128 1.0% 160% 0.128	0.129 1.0% 161% 0.129	0.130 1.0% 163% 0.130	0.132 1.0% 164% 0.132
( ( (	Arisings of C&I in baseline year	117% 0.094 3.3% 117% 0.094	120% 0.096 2.5% 120% 0.096	123% 0.099 2.5% 123% 0.099	0.101 2.5% 126% 0.101 2.5%	0.104 2.5% 130% 0.104 2.5%	0.106 2.5% 133% 0.106	0.108 2.0% 136% 0.108	0.111 2.0% 138% 0.111 2.0%	0.113 2.0% 141% 0.113	0.115 2.0% 144% 0.115	0.117 2.0% 147% 0.117	0.119 1.5% 149% 0.119	0.121 1.5% 151% 0.121	0.123 1.5% 153% 0.123	0.125 1.5% 156% 0.125	0.126 1.5% 158% 0.126	0.128 1.0% 160% 0.128	0.129 1.0% 161% 0.129	0.130 1.0% 163% 0.130	0.132 1.0% 164% 0.132
( ( ( urdous	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts    Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of CAI - cumulative (%)   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)	117% 0.094 3.3% 117% 0.094 3.3% 107%	120% 0.096 2.5% 120% 0.096 2.5% 109%	123% 0.099 2.5% 123% 0.099 2.5% 112%	0.101 2.5% 126% 0.101 2.5% 115%	0.104 2.5% 130% 0.104 2.5% 118%	0.106 2.5% 133% 0.106 2.5% 121%	0.108 2.0% 136% 0.108 2.0% 123%	0.111 2.0% 138% 0.111 2.0% 126%	0.113 2.0% 141% 0.113 2.0% 128%	0.115 2.0% 144% 0.115 2.0% 131%	0.117 2.0% 147% 0.117 2.0% 133%	0.119 1.5% 149% 0.119 1.5% 135%	0.121 1.5% 151% 0.121 1.5% 137%	0.123 1.5% 153% 0.123 1.5% 139%	0.125 1.5% 156% 0.125 1.5% 141%	0.126 1.5% 158% 0.126 1.5% 144%	0.128 1.0% 160% 0.128 1.0% 145%	0.129 1.0% 161% 0.129 1.0% 146%	0.130 1.0% 163% 0.130 1.0% 148%	0.132 1.0% 164% 0.132 1.0% 149%
( ( ( ( rdous	Arisings of C&I in baseline year	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016	0.101 2.5% 126% 0.101 2.5% 115% 0.016	0.104 2.5% 130% 0.104 2.5% 118% 0.017	0.106 2.5% 133% 0.106 2.5% 121% 0.017	0.108 2.0% 136% 0.108 2.0% 123% 0.018	0.111 2.0% 138% 0.111 2.0% 126% 0.018	0.113 2.0% 141% 0.113 2.0% 128% 0.018	0.115 2.0% 144% 0.115 2.0% 131% 0.019	0.117 2.0% 147% 0.117 2.0% 133% 0.019	0.119 1.5% 149% 0.119 1.5% 135% 0.019	0.121 1.5% 151% 0.121 1.5% 137% 0.020	0.123 1.5% 153% 0.123 1.5% 139% 0.020	0.125 1.5% 156% 0.125 1.5% 141% 0.020	0.126 1.5% 158% 0.126 1.5% 144% 0.021	0.128 1.0% 160% 0.128 1.0% 145% 0.021	0.129 1.0% 161% 0.129 1.0% 146% 0.021	0.130 1.0% 163% 0.130 1.0% 148% 0.021	0.132 1.0% 164% 0.132 1.0% 149% 0.021
( ( ( ( rdous	Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year ) Forecast regional level growth rate of hazardous waste - per year (%) Forecast tregional level growth rate of hazardous waste - per year (%) Total arisings of hazardous waste ) Forecast tregional level growth rate of hazardous waste - per year (%)	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015 3.3%	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016 2.5%	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016 2.5%	0.101 2.5% 126% 0.101 2.5% 115% 0.016 2.5%	0.104 2.5% 130% 0.104 2.5% 118% 0.017 2.5%	0.106 2.5% 133% 0.106 2.5% 121% 0.017 2.5%	0.108 2.0% 136% 0.108 2.0% 123% 0.018 2.0%	0.111 2.0% 138% 0.111 2.0% 126% 0.018 2.0%	0.113 2.0% 141% 0.113 2.0% 128% 0.018 2.0%	0.115 2.0% 144% 0.115 2.0% 131% 0.019 2.0%	0.117 2.0% 147% 0.117 2.0% 133% 0.019 2.0%	0.119 1.5% 149% 0.119 1.5% 135% 0.019 1.5%	0.121 1.5% 151% 0.121 1.5% 137% 0.020 1.5%	0.123 1.5% 153% 0.123 1.5% 139% 0.020 1.5%	0.125 1.5% 156% 0.125 1.5% 141% 0.020 1.5%	0.126 1.5% 158% 0.126 1.5% 144% 0.021 1.5%	0.128 1.0% 160% 0.128 1.0% 145% 0.021	0.129 1.0% 161% 0.129 1.0% 146% 0.021 1.0%	0.130 1.0% 163% 0.130 1.0% 148% 0.021 1.0%	0.132 1.0% 164% 0.132 1.0% 149% 0.021 1.0%
( ( ( ( rdous	Arisings of C&I in baseline year	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015 3.3% 107%	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016 2.5% 109%	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016 2.5% 112%	0.101 2.5% 126% 0.101 2.5% 115% 0.016 2.5% 115%	0.104 2.5% 130% 0.104 2.5% 118% 0.017 2.5% 118%	0.106 2.5% 133% 0.106 2.5% 121% 0.017 2.5% 121%	0.108 2.0% 136% 0.108 2.0% 123% 0.018 2.0% 123%	0.111 2.0% 138% 0.111 2.0% 126% 0.018 2.0% 126%	0.113 2.0% 141% 0.113 2.0% 128% 0.018 2.0% 128%	0.115 2.0% 144% 0.115 2.0% 131% 0.019 2.0% 131%	0.117 2.0% 147% 0.117 2.0% 133% 0.019 2.0% 133%	0.119 1.5% 149% 0.119 1.5% 135% 0.019 1.5% 135%	0.121 1.5% 151% 0.121 1.5% 137% 0.020 1.5% 137%	0.123 1.5% 153% 0.123 1.5% 139% 0.020 1.5% 139%	0.125 1.5% 156% 0.125 1.5% 141% 0.020 1.5% 141%	0.126 1.5% 158% 0.126 1.5% 144% 0.021 1.5% 144%	0.128 1.0% 160% 0.128 1.0% 145% 0.021 1.0% 145%	0.129 1.0% 161% 0.129 1.0% 146% 0.021 1.0% 146%	0.130 1.0% 163% 0.130 1.0% 148% 0.021 1.0% 148%	0.132 1.0% 164% 0.132 1.0% 149% 0.021 1.0% 149%
( ( ( ( rdous	Arisings of C&I in baseline year  ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts    Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Total arisings of hazardous waste	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015 3.3%	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016 2.5%	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016 2.5%	0.101 2.5% 126% 0.101 2.5% 115% 0.016 2.5%	0.104 2.5% 130% 0.104 2.5% 118% 0.017 2.5%	0.106 2.5% 133% 0.106 2.5% 121% 0.017 2.5%	0.108 2.0% 136% 0.108 2.0% 123% 0.018 2.0%	0.111 2.0% 138% 0.111 2.0% 126% 0.018 2.0%	0.113 2.0% 141% 0.113 2.0% 128% 0.018 2.0%	0.115 2.0% 144% 0.115 2.0% 131% 0.019 2.0%	0.117 2.0% 147% 0.117 2.0% 133% 0.019 2.0%	0.119 1.5% 149% 0.119 1.5% 135% 0.019 1.5%	0.121 1.5% 151% 0.121 1.5% 137% 0.020 1.5%	0.123 1.5% 153% 0.123 1.5% 139% 0.020 1.5%	0.125 1.5% 156% 0.125 1.5% 141% 0.020 1.5%	0.126 1.5% 158% 0.126 1.5% 144% 0.021 1.5%	0.128 1.0% 160% 0.128 1.0% 145% 0.021	0.129 1.0% 161% 0.129 1.0% 146% 0.021 1.0%	0.130 1.0% 163% 0.130 1.0% 148% 0.021 1.0%	0.132 1.0% 164% 0.132 1.0% 149% 0.021 1.0%
(() () () () () () () () () () () () ()	Arisings of C&I in baseline year	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015 3.3% 107% 0.015	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016 2.5% 109% 0.016	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016 2.5% 112% 0.016	0.101 2.5% 126% 0.101 2.5% 115% 0.016 2.5% 115% 0.016	0.104 2.5% 130% 0.104 2.5% 118% 0.017 2.5% 118% 0.017	0.106 2.5% 133% 0.106 2.5% 121% 0.017 2.5% 121% 0.017	0.108 2.0% 136% 0.108 2.0% 123% 0.018 2.0% 123% 0.018	0.111 2.0% 138% 0.111 2.0% 126% 0.018 2.0% 126% 0.018	0.113 2.0% 141% 0.113 2.0% 128% 0.018 2.0% 128% 0.018	0.115 2.0% 144% 0.115 2.0% 131% 0.019 2.0% 131% 0.019	0.117 2.0% 147% 0.117 2.0% 133% 0.019 2.0% 133% 0.019	0.119 1.5% 149% 0.119 1.5% 135% 0.019 1.5% 135% 0.019	0.121 1.5% 151% 0.121 1.5% 137% 0.020 1.5% 137% 0.020	0.123 1.5% 153% 0.123 1.5% 139% 0.020 1.5% 139% 0.020	0.125 1.5% 156% 0.125 1.5% 141% 0.020 1.5% 141% 0.020	0.126 1.5% 158% 0.126 1.5% 144% 0.021 1.5% 144% 0.021	0.128 1.0% 160% 0.128 1.0% 145% 0.021 1.0% 145% 0.021	0.129 1.0% 161% 0.129 1.0% 146% 0.021 1.0% 146% 0.021	0.130 1.0% 163% 0.130 1.0% 148% 0.021 1.0% 148% 0.021	0.132 1.0% 164% 0.132 1.0% 149% 0.021 1.0% 149% 0.021
(() (rdous	Arisings of C&I in baseline year  ) Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year ) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste  (Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste  Total managed C&D in baseline year ) Forecast regional-level growth rate of managed C&D - per year (%)	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015 3.3% 107% 0.015	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016 2.5% 109% 0.016	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016 2.5% 112% 0.016	0.101 2.5% 126% 0.101 2.5% 115% 0.016 2.5% 115% 0.016	0.104 2.5% 130% 0.104 2.5% 118% 0.017 2.5% 118% 0.017	0.106 2.5% 133% 0.106 2.5% 121% 0.017 2.5% 121% 0.017	0.108 2.0% 136% 0.108 2.0% 123% 0.018 2.0% 123% 0.018	0.111 2.0% 138% 0.111 2.0% 126% 0.018 2.0% 126% 0.018	0.113 2.0% 141% 0.113 2.0% 128% 0.018 2.0% 128% 0.018	0.115 2.0% 144% 0.115 2.0% 131% 0.019 2.0% 131% 0.019	0.117 2.0% 147% 0.117 2.0% 133% 0.019 2.0% 133% 0.019	0.119 1.5% 149% 0.119 1.5% 135% 0.019 1.5% 0.019	0.121 1.5% 151% 0.121 1.5% 137% 0.020 1.5% 137% 0.020	0.123 1.5% 153% 0.123 1.5% 139% 0.020 1.5% 139% 0.020	0.125 1.5% 156% 0.125 1.5% 141% 0.020 1.5% 141% 0.020 0.0%	0.126 1.5% 158% 0.126 1.5% 144% 0.021 1.5% 144% 0.021	0.128 1.0% 160% 0.128 1.0% 145% 0.021 1.0% 145% 0.021	0.129 1.0% 161% 0.129 1.0% 146% 0.021 1.0% 146% 0.021	0.130 1.0% 163% 0.130 1.0% 148% 0.021 1.0% 148% 0.021	0.132 1.0% 164% 0.132 1.0% 149% 0.021 1.0% 149% 0.021
cardous	Arisings of C&I in baseline year	117% 0.094 3.3% 117% 0.094 3.3% 107% 0.015 3.3% 107% 0.015	120% 0.096 2.5% 120% 0.096 2.5% 109% 0.016 2.5% 109% 0.016	123% 0.099 2.5% 123% 0.099 2.5% 112% 0.016 2.5% 112% 0.016	0.101 2.5% 126% 0.101 2.5% 115% 0.016 2.5% 115% 0.016	0.104 2.5% 130% 0.104 2.5% 118% 0.017 2.5% 118% 0.017	0.106 2.5% 133% 0.106 2.5% 121% 0.017 2.5% 121% 0.017	0.108 2.0% 136% 0.108 2.0% 123% 0.018 2.0% 123% 0.018	0.111 2.0% 138% 0.111 2.0% 126% 0.018 2.0% 126% 0.018	0.113 2.0% 141% 0.113 2.0% 128% 0.018 2.0% 128% 0.018	0.115 2.0% 144% 0.115 2.0% 131% 0.019 2.0% 131% 0.019	0.117 2.0% 147% 0.117 2.0% 133% 0.019 2.0% 133% 0.019	0.119 1.5% 149% 0.119 1.5% 135% 0.019 1.5% 135% 0.019	0.121 1.5% 151% 0.121 1.5% 137% 0.020 1.5% 137% 0.020	0.123 1.5% 153% 0.123 1.5% 139% 0.020 1.5% 139% 0.020	0.125 1.5% 156% 0.125 1.5% 141% 0.020 1.5% 141% 0.020	0.126 1.5% 158% 0.126 1.5% 144% 0.021 1.5% 144% 0.021	0.128 1.0% 160% 0.128 1.0% 145% 0.021 1.0% 145% 0.021	0.129 1.0% 161% 0.129 1.0% 146% 0.021 1.0% 146% 0.021	0.130 1.0% 163% 0.130 1.0% 148% 0.021 1.0% 148% 0.021	0.132 1.0% 164% 0.132 1.0% 149% 0.021 1.0% 149% 0.021

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

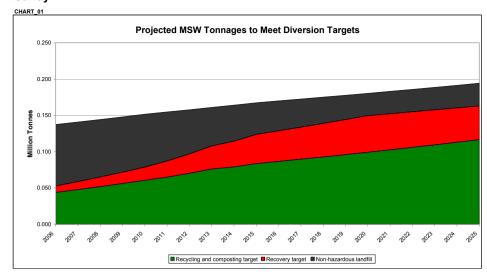
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

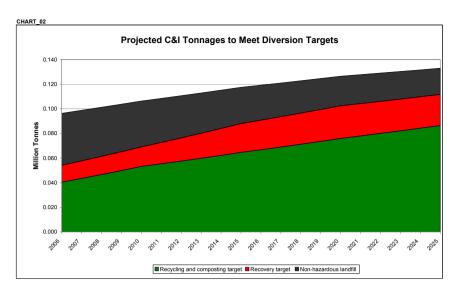
DATA_02:	INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c	&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
	(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.017	0.017	0.016	0.016	0.015	0.015	0.014	0.013	0.012	0.012	0.011	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	59%	59%	59%	59%	60%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	41%	41%	41%	41%	40%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003

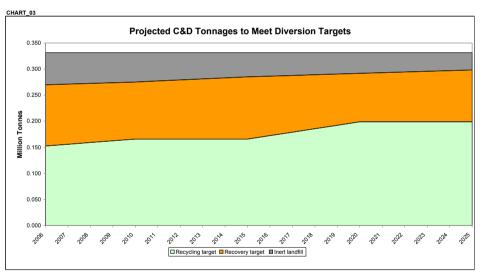
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

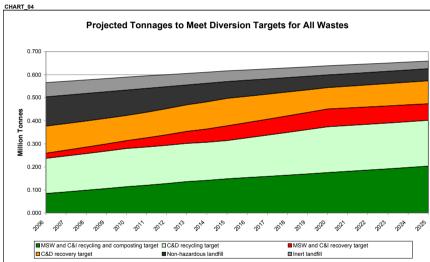
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	0.134	0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191	0.194
msw - imports from london that are sent direct to non-hazardous landfill	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004
c&i	0.094	0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132	0.133
c&I - imports from london that are sent direct to non-hazardous landfill	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
c&d	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
hazardous	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022
•																					
DATA_04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.081	0.078	0.074	0.068	0.061	0.053	0.047	0.041	0.035	0.034	0.032	0.031	0.029	0.028	0.026	0.025	0.025	0.025	0.025	0.025	0.025
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

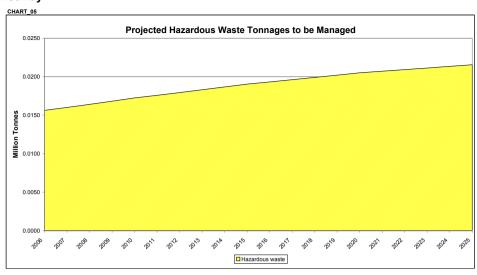
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.047	0.053	0.059	0.065	0.072	0.079	0.087	0.096	0.105	0.114	0.124	0.129	0.134	0.139	0.144	0.150	0.152	0.155	0.158	0.160	0.163
	Total MSW not-diverted by targets	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.062	0.056	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.059	0.058	0.056	0.054	0.052	0.050	0.046	0.042	0.038	0.034	0.030	0.028	0.026	0.025	0.023	0.021	0.021	0.021	0.021	0.021	0.021
	LATS shortfall (how much extra is landfilled above LATS target)	-0.021	-0.020	-0.018	-0.014	-0.009	-0.003	-0.001	0.001	0.003	0.000	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.003	-0.003
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.040	0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113	0.117
	Recovery target	0.007	0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048	0.047	0.047
	Non-hazardous landfill	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.061	0.053	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.038	0.040	0.043 0.014	0.047	0.050	0.053	0.055	0.058 0.019	0.060 0.020	0.062 0.022	0.065 0.023	0.067	0.069 0.025	0.071 0.025	0.074	0.076 0.027	0.078 0.026	0.080 0.026	0.082 0.026	0.084 0.026	0.086
	Recovery target	0.013	0.014		0.015	0.015	0.016	0.017					0.024			0.026						0.025 0.021
	Non-hazardous landfill CHECK COUNTER (should be zero)	0.043	0.042	0.041	0.040	0.039	0.037	0.036	0.034	0.033	0.031	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.022	0.021
	CHECK COUNTER (Stitulia de Zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.199
	Recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
	Inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022
DATA 06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_00.	MSW and C&I recycling and composting target	0.078	0.084	0.091	0.099	0.106	0.114	0.120	0.128	0.136	0.141	0.148	0.153	0.159	0.164	0.169	0.175	0.180	0.186	0.191	0.197	0.203
	C&D recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.126	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.173	0.199	0.199	0.199	0.199	0.199
	MSW and C&I recovery target	0.020	0.022	0.025	0.028	0.031	0.034	0.040	0.046	0.052	0.057	0.064	0.066	0.069	0.072	0.074	0.077	0.076	0.075	0.074	0.073	0.072
	C&D recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
	Non-hazardous landfill	0.130	0.127	0.123	0.119	0.115	0.110	0.103	0.095	0.086	0.081	0.073	0.069	0.066	0.062	0.059	0.055	0.054	0.054	0.053	0.053	0.052
	Inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
	Hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022









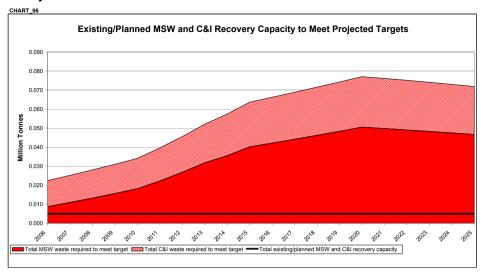


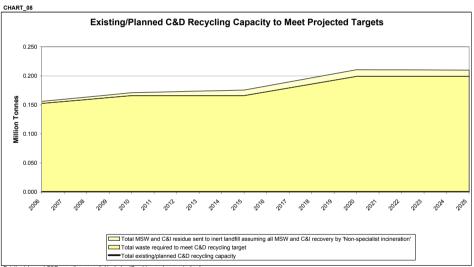
DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

Marcia   M	MOW and College.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Mary of Cal Preplanes   10	MSW and C&I recovery	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Mily water Clar freedress personal part   Clar Mily water Clar f																						
Fig.   Column   Col																						
Foreign   Control part   Control p																						
Mary and Calify-succine production of the Mary Succine Produ																						
## Mars Call recording according regards																						
No. No. CCC No. Cock no. CCC N		-0.015	-0.017	-0.020	-0.023	-0.026	-0.029	-0.035	-0.041	-0.047	-0.052	-0.059	-0.061	-0.064	-0.067	-0.069	-0.072	-0.071	-0.070	-0.069	-0.068	-0.067
Mode of the present of the section o																						
Total cataling plasment 1889 and CAI congesting capacity (Blaseriers 20% of frameter capacity (Blaseriers 20% of framete																						
Foot outstat/glained 1589" and Cal recycling and compostering capacity (featureds recipacity) delivers recycling and composition garget (featureds) (featured recipacity) delivers recycling and composition garget (featured recipacity) delivers recycling (larget featured recipacity) delivers recipied (larget featured																						
19 Total constrolly silent employment (19 February (19 Fe																						
Total Cell water regulared to more recycling and composing futing 4																						
Total ceaterngesing team ent-expeding sile submit 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2																						
Supplicate-fiets capacity (fastantier) (a frametic capacity) (fastantier) (a frametic capacity) (fastantier) (b frametic capacity) (fastantier) (																						
Supplicited Capacity (Centillary System)   Capacity (Centill																						
Color Serving Co																						
Total waster regular formed CAD recovery capacity		-0.034	-0.041	-0.047	-0.055	-0.062	-0.070	-0.076	-0.084	-0.092	-0.097	-0.104	-0.109	-0.115	-0.120	-0.126	-0.131	-0.137	-0.142	-0.148	-0.153	-0.159
Total statisfing list part of meter (25) recovery (appeals) gring from the C50 recovery (appeals) gring from																						
Supplicide (appoint)							0.000				0.000			0.000	0.000							
Cache recovery   Cache recovery   Cache recovery   Cache recovery capacity   1,778   1,774   1,710   1,127   1,714   1,710   1,127   1,134   1,389   1,371   1,389   1,327   1,389   1,325   1,203   1,203   1,203   1,303   1,003   0,004   0,006   0,007   0,008   0,009   0,008   0,009																						
PRESIDNAL Idal existing-planned CAD recovery capacity   1.877   1.794   1.710   1.687   1.544   1.480   1.480   1.480   1.480   1.480   1.480   1.395   1.325   1.283   1.262   1.283   1.202   1.231   1.199   1.202   1.241   1.282   1.283   1.394   1.282   1.283   1.28		-0.149	-0.153	-0.156	-0.159	-0.162	-0.166	-0.166	-0.166	-0.166	-0.166	-0.166	-0.172	-0.179	-0.186	-0.192	-0.199	-0.199	-0.199	-0.199	-0.199	-0.199
Suph-selford capacity   1.78   1.77																						
Supplicy   1,758   1,767   1,959   1,514   1,428   1,515   1,328   1,325   1,228   1,259   1,286   1,105   1																						
Hazardous waste recycling capacity   Colae   Assimption   Colae   Co																						
Total hazardous waste recovery capacity		1.758	1.676	1.595	1.514	1.432	1.351	1.328	1.305	1.282	1.259	1.236	1.210	1.184	1.158	1.133	1.107	1.126	1.146	1.165	1.185	1.204
Total existing/planned hazardous waste recovery capacity  0.000 0.																						
Surplis/deficit capacity   Na																						
Hazardous waste recovery capacity   Hazardous waste recovery capacity   Colorability   Colorab	Total hazardous waste to be recycled		N/A																			
Total hazardous waste recovery capacity  Total hazardous waste recovery capacity  Total hazardous waste recovered  N/A		N/A																				
Total hazardous waste to be recovered Surplus deficit capacity with NA																						
Supplicide ficit capacity   Supplicide ficility   Supplicide ficit capacity   Supplicide ficit capacity   Supplicide ficit capacity   Supplicide ficility   Supplicide ficit capacity   Supplicide ficit capacity   Supplicide ficility   Supplicide ficit capacity   Supplicide ficility   Supplicide ficit capacity   Supplicit	Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Non-hazardous landfil capacity (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil capacity (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil capacity (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding residues from MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacity) (excluding all MSW and C&I recovery by (Incineration (non-specialisty))   Non-hazardous landfil (apacit	Total hazardous waste to be recovered	N/A																				
Available non-hazardous landfill capacity excluding residues from MSW and C&I recovery)  0.075	Surplus/deficit capacity	N/A																				
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT																						
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT (	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.075	-0.096	-0.265	-0.430	-0.593	-0.751	-0.903	-1.047		-1.312		-1.555	-1.672	-1.787	-1.900	-2.009	-2.119	-2.228	-2.338	-2.448
Available non-hazardous landfilli capacity assuming all MSW and C&I recovery by TeDF   0.075   0.099   0.271   0.439   0.055   0.768   0.925   0.774   1.216   1.353   1.483   1.611   1.737   1.880   1.981   2.200   2.239   2.246   2.257	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.075	-0.100	-0.272	-0.442	-0.609	-0.772	-0.930	-1.081	-1.224	-1.363	-1.495	-1.625	-1.753	-1.878	-2.002	-2.123		-2.365	-2.486	-2.607
Available non-hazardous landfilli capacity assuming all MSW and C&I recovery by 'treatment' 1 0,127 0,123 0,19 0,115 0,110 0,101 0,1	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.075	-0.110	-0.293	-0.475		-0.834	-1.010	-1.181	-1.347	-1.510	-1.670	-1.830	-1.988	-2.145	-2.301	-2.456	-2.610	-2.764		
Total KSW and C&I waste sent direct to non-hazardous landfill panet landfill capacity  Available inert landfill capacity	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'			-0.099		-0.439	-0.605	-0.768		-1.074		-1.353	-1.483	-1.611	-1.737	-1.860	-1.981		-2.219		-2.456	
Intertandfili	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.075	-0.107	-0.286	-0.464	-0.641	-0.815	-0.984	-1.149	-1.308	-1.463	-1.615	-1.764	-1.913	-2.060	-2.206	-2.350	-2.494	-2.637	-2.780	-2.923
Available inert landfill capacity Availa	Total MSW and C&I waste sent direct to non-hazardous landfill		0.127	0.123	0.119	0.115	0.110	0.103	0.095	0.086	0.081	0.073	0.069	0.066	0.062	0.059	0.055	0.054	0.054	0.053	0.053	0.052
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')  10,000 10,055 10,129 10,129 10,125 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10,055 10,105 10	Inert landfill																					
Total C&D waste sent direct to inert landfill  Available hazardous landfill  Available hazardous sate sent direct to hazardous landfill  Other  MedicELY facility  Ignored  One  One  One  One  One  One  One  O	Available inert landfill capacity		0.000	-0.062	-0.122	-0.181	-0.239	-0.295	-0.350	-0.402	-0.452	-0.501	-0.547	-0.592	-0.636	-0.678	-0.720	-0.759	-0.798	-0.835	-0.871	-0.905
Hazardous landfill   Available hazardous landfill capacity   Outline   Outli	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.065	-0.129	-0.192	-0.255	-0.316	-0.377	-0.436	-0.494	-0.551	-0.607	-0.662	-0.716	-0.769	-0.822	-0.873	-0.923	-0.971	-1.018	-1.064
Available hazardous landfill capacity  1.000 0.0	Total C&D waste sent direct to inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
Total hazardous waste sent direct to hazardous landfill  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N	Hazardous landfill																					
Other         0.414 <th< td=""><td>Available hazardous landfill capacity</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td></th<>	Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Metal/ELV facility 0.414	Total hazardous waste sent direct to hazardous landfill	N	/A N	/A N	/A N	/A N	/A N	/A N	/A N	A N	I/A N	/A N	I/A N	/A N	/A N	/A N	/A N	/A N	/A N	I/A N	I/A N	I/A
Metal/ELV facility 0.414																						
Ignored 0.000	Other																					
		0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414	0.414
	Metal/ELV facility																					

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

RESIDUE RATES (%) Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight) MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I recycling MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other	3	,	,	3		3	3	3	3	,		3	3	3	3			,	3	3
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
lanored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	th the colf cuffic	ionau roguis	omonto of I	DDC10																
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):																				
MSW and C&I incineration (non-specialist) - bottom ash	0.006	0.007	0.008	0.008	0.009	0.010	0.012	0.014	0.016	0.017	0.019	0.020	0.021	0.021	0.022	0.023	0.023	0.023	0.022	0.022
MSW and C&I incineration (non-specialist) - fly ash	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
MSW and C&I to MBT	0.012	0.013	0.015	0.017	0.018	0.020	0.023	0.027	0.031	0.034	0.038	0.039	0.041	0.042	0.044	0.045	0.045	0.044	0.044	0.043
MSW and C&I to RDF	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009
MSW and C&I treatment - non-hazardous									0.023											
MSW and C&I treatment - hazardous	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Hazardous waste recovery  Recycling residues (of waste managed):	N/A N	/A N	ın N	/A N/	A N/	A N	/A N/	A N/	/A N/.	A N	A N/	A N/.	A N	/A N	^ N	/A N	/A N	/A N	/A N/	A N
	0.012	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.028	0.029	0.030
MSW and C&I recycling and composting C&D recycling	0.012	0.015	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.020	0.027	0.028	0.029	0.030
Hazardous waste recycling	N/A N			/A N/													/A N		/A N/	
										-										
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.027	0.028	0.029	0.031	0.032	0.034	0.035	0.036	0.037	0.038	0.039	0.040	0.042	0.043	0.045	0.046	0.047	0.048	0.049	0.049
			0.020	0.001																
		2006			2000	2040	2011	2042	2042	2014	2015	2046	2047	2040	2010	2020	2024	2022	2022	2024
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio	on Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)	2005		2007						2013			2016		2018						2024
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.003	0.003	2007	2008	0.005	0.005	0.006	2012 0.007 0.007	0.008	0.009	0.010	0.010	2017 0.010 0.010		2019 0.011 0.011	2020 0.012 0.012	0.011	2022 0.011 0.011	2023 0.011 0.011	0.011
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration"	2005		2007	2008				0.007					0.010	0.011	0.011	0.012		0.011	0.011	
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration"	0.003	0.003	2007	2008	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.011	0.011	0.011	0.011
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.003 0.003	0.003 0.003	2007 0.004 0.004	2008 0.004 0.004	0.005 0.005	0.005 0.005	0.006 0.006	0.007 0.007	0.008 0.008	0.009 0.009	0.010 0.010	0.010 0.010	0.010 0.010	0.011 0.011	0.011 0.011	0.012 0.012	0.011 0.011	0.011 0.011	0.011 0.011	0.011 0.011
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.003 0.003	0.003 0.003	2007 0.004 0.004	2008 0.004 0.004	0.005 0.005	0.005 0.005	0.006 0.006	0.007 0.007	0.008 0.008	0.009 0.009	0.010 0.010	0.010 0.010	0.010 0.010	0.011 0.011	0.011 0.011	0.012 0.012	0.011 0.011	0.011 0.011	0.011 0.011	0.011 0.011
FOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to non-hazardous landfill and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to non-hazardous landfill  1) Total MSW and C&I residue sent to non-hazardous landfill  1) SCENARIO 3 - Assumes all recovery is by 'MST' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill  2) SCENARIO 4 - Assumes all recovery is by 'Totalment' (based on total recovery capacity)	0.003 0.003 0.003 0.012	0.003 0.003 0.013	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004	0.005 0.005 0.020 0.004	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005	0.008 0.008 0.031 0.006	0.009 0.009 0.034 0.007	0.010 0.010 0.038 0.008	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.003 0.003 0.003	0.003 0.003 0.013	2007 0.004 0.004 0.015	2008 0.004 0.004 0.017	0.005 0.005 0.018	0.005 0.005 0.020	0.006 0.006 0.023	0.007 0.007 0.027	0.008 0.008 0.031	0.009 0.009 0.034	0.010 0.010 0.038	0.010 0.010 0.039	0.010 0.010 0.041	0.011 0.011 0.042	0.011 0.011 0.044	0.012 0.012 0.045	0.011 0.011 0.045	0.011 0.011 0.044	0.011 0.011 0.044	0.011 0.011 0.043
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery sent to invert andfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	0.003 0.003 0.003 0.012 0.002	0.003 0.003 0.013 0.003	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004 0.014	0.005 0.005 0.020 0.004 0.015	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005 0.021	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.003 0.003 0.003 0.012 0.002 0.009	0.003 0.003 0.013 0.003	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004 0.014	0.005 0.005 0.020 0.004 0.015	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005 0.021	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' total MSW and C&I recovery to 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery to 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites	0.003 0.003 0.003 0.012 0.002 0.009 andfill. In the or	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004 0.014	0.005 0.005 0.020 0.004 0.015	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005 0.021	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recover capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on exempt sites	0.003 0.003 0.003 0.012 0.002 0.009 andfill. In the or	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004 0.014	0.005 0.005 0.020 0.004 0.015	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005 0.021	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005  0.003 0.003 0.003  0.012  0.002  0.009  andfill. In the or  39 % 61 % 30 %	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004 0.014	0.005 0.005 0.020 0.004 0.015	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005 0.021	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inches and many and the recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inche landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	0.003 0.003 0.003 0.012 0.002 0.009 andfill. In the or	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.015 0.003	2008 0.004 0.004 0.017 0.003	0.005 0.005 0.018 0.004 0.014	0.005 0.005 0.020 0.004 0.015	0.006 0.006 0.023 0.005	0.007 0.007 0.027 0.005 0.021	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008	0.010 0.010 0.041 0.008	0.011 0.011 0.042 0.009	0.011 0.011 0.044 0.009	0.012 0.012 0.045 0.009	0.011 0.011 0.045 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.044 0.009	0.011 0.011 0.043 0.009
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inchange and the saming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inchange and inservance and the saming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late of the same and th	2005  0.003 0.003 0.012 0.002 0.009  andfill. In the or 39 % 61 % 30 % 70 %	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.015 0.003 0.011 assumption	2008 0.004 0.004 0.017 0.003 0.013 ns developed	0.005 0.005 0.018 0.004 0.014 d MEL 50%	0.005 0.005 0.020 0.004 0.015 was assum	0.006 0.006 0.023 0.005 0.018 ned to go to to	0.007 0.007 0.027 0.005 0.021 C&D recycli	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.009	0.010 0.010 0.039 0.008 0.030	0.010 0.010 0.041 0.008 0.031	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill of the covery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill on the covery capacity)  Total MSW and C&I residue sent to non-hazardous landfill and 50% is sent to inert landfill and 50% is sent to inert landfill sites sent to 'non-hazardous landfill sites sent to 'non-haz landfill' () C&D reused on landfill sites sent to 'non-haz landfill' () C&D reused on landfill sites sent to 'non-haz landfill' () C&D reused on landfill sites sent to 'non-haz landfill'	2005  0.003 0.003 0.012  0.002 0.009 andfill. In the or  39 % 61 % 30 % 70 %	0.003 0.003 0.013 0.003 0.010 iginal model	2007  0.004 0.004 0.015 0.003 0.011 assumption	2008 0.004 0.004 0.007 0.003 0.013 ns developed	0.005 0.005 0.018 0.004 0.014 dt MEL 50%	0.005 0.005 0.020 0.004 0.015 was assum	0.006 0.006 0.023 0.005 0.018 ed to go to to	0.007 0.007 0.027 0.005 0.021 C&D recycli	0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008 0.030	0.010 0.010 0.041 0.008 0.031	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill )  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	2005  0.003 0.003 0.0012 0.002 0.009 andfill. In the or 61 % 30 % 70 % 2005	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.015 0.003 0.011 assumption	2008 0.004 0.004 0.017 0.003 0.013 ns developed	0.005 0.005 0.018 0.004 0.014 d MEL 50%	0.005 0.005 0.002 0.004 0.015 was assum	0.006 0.006 0.023 0.005 0.018 ned to go to 1	0.007 0.007 0.027 0.005 0.021 C&D recycli	0.008 0.008 0.031 0.006 0.023	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029 landfi	0.010 0.010 0.039 0.008 0.030	0.010 0.010 0.041 0.008 0.031	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill	2005  0.003 0.003 0.012  0.002 0.009 andfill. In the or  39 % 61 % 30 % 70 %	0.003 0.003 0.013 0.003 0.010 iginal model	2007 0.004 0.004 0.005 0.003 0.011 assumptio	2008 0.004 0.004 0.017 0.003 0.013 ons developed	0.005 0.005 0.018 0.004 0.014 d MEL 50%	0.005 0.005 0.020 0.004 0.015 was assum	0.006 0.006 0.023 0.005 0.018 ed to go to to	0.007 0.007 0.027 0.005 0.021 C&D recycli	0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029	0.010 0.010 0.039 0.008 0.030	0.010 0.010 0.041 0.008 0.031	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration ill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' (1) Total MSW and C&I residue sent to incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (2) C&D reused on landfill sites sent to 'non-hazardous landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (4) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill'	2005 0.003 0.003 0.003 0.012 0.009 0.009 161 % 161 % 30 % 70 % 2005 0.014 0.032	0.003 0.003 0.013 0.003 0.010 iginal model	2007  0.004 0.004 0.0015 0.003 0.011 assumptio	2008 0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.013 0.013	0.005 0.005 0.018 0.004 0.014 1 MEL 50% 2009 0.013 0.030	0.005 0.005 0.020 0.020 0.004 0.015 was assum 2010 0.013 0.030	0.006 0.006 0.023 0.005 0.018 ed to go to 1	0.007 0.007 0.027 0.005 0.021 C&D recycli	0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029 landfi	0.010 0.010 0.039 0.008 0.030	0.010 0.010 0.041 0.008 0.031	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 4 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reuse and landfill sites sent to 'non-haz landfill' (5) C&D reuse on landfill sites sent to 'non-haz landfill' (6) C&D reuse on landfill sites sent to 'non-haz landfill' (7) C&D reuse on landfill sites sent to 'non-haz landfill' (8) C&D reuse on landfill sites sent to 'non-haz landfill' (8) C&D reuse on landfill sites sent to 'non-haz landfill' (9) C&D reuse on landfill sites sent to 'non-haz landfill' (1) C&D reuse on landfill sites sent to 'non-haz landfill'	2005 0.003 0.003 0.003 0.012 0.009 0.009 161 % 161 % 30 % 70 % 2005 0.014 0.032	0.003 0.003 0.013 0.003 0.010 iginal model	2007  0.004 0.004 0.0015 0.003 0.011 assumptio	2008 0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.013 0.013	0.005 0.005 0.018 0.004 0.014 1 MEL 50% 2009 0.013 0.030	0.005 0.005 0.020 0.020 0.004 0.015 was assum 2010 0.013 0.030	0.006 0.006 0.023 0.005 0.018 ed to go to 1	0.007 0.007 0.027 0.005 0.021 C&D recycli	0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029 landfi	0.010 0.010 0.039 0.008 0.030	0.010 0.010 0.041 0.008 0.031	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration ill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incineration ill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) EXENARIO 4 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total reused C&D on inert landfill'  Total reused C&D on inert landfill (1) C&D reuse are tase based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data is TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005  0.003 0.003 0.012 0.002 0.009 0.009 161 % 161 % 2005 0.014 0.032 0.003	0.003 0.003 0.013 0.003 0.010 iginal model 2006 0.014 0.032 h sub-region	2007  0.004 0.004 0.015 0.003 0.011 assumption  2007 0.013 0.031	2008  0.004 0.004 0.017 0.003 0.013 ns developed  2008  2008 2008	0.005 0.005 0.018 0.004 0.014 d MEL 50% 2009 0.013 0.030	0.005 0.005 0.002 0.004 0.015 . was assum 2010 0.013 0.030 an engineer	0.006 0.006 0.003 0.023 0.005 0.018 ed to go to	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032	0.010 0.010 0.039 0.008 0.030 0.030	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration (based on total recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' (3) Total MSW and C&I recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill (3) EARARIO 2 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) EXEMARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (8) C&D reused on landfill sites sent to 'non-haz landfill' (9) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' (6) C&D reused on landfill	2005  0.003 0.003 0.012 0.002 0.009 0.009 161 % 161 % 2005 0.014 0.032 0.003	0.003 0.003 0.013 0.003 0.010 iginal model 2006 0.014 0.032 h sub-region	2007  0.004 0.004 0.015 0.003 0.011 assumption  2007 0.013 0.031	2008  0.004 0.004 0.017 0.003 0.013 ns developed  2008  2008 2008	0.005 0.005 0.018 0.004 0.014 d MEL 50% 2009 0.013 0.030	0.005 0.005 0.002 0.004 0.015 . was assum 2010 0.013 0.030 an engineer	0.006 0.006 0.023 0.005 0.018 0.018 0.013 0.030 ing material	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.003 0.003 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032	0.010 0.010 0.039 0.008 0.030 0.030	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill solution in the control of the covery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill in the covery capacity)  Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill in the covery landfill in the capacity in the covery landfill in the capacity in the covery landfill in total recovery capacity)  Total C&D reused on non-hazardous landfill in the capacity in the capac	2005  0.003 0.003 0.012 0.002 0.009 0.009 161 % 161 % 2005 0.014 0.032 0.003	0.003 0.003 0.013 0.003 0.010 iginal model 2006 0.014 0.032 h sub-region	2007  0.004 0.004 0.015 0.003 0.011 assumption  2007 0.013 0.031	2008  0.004 0.004 0.017 0.003 0.013 ns developed  2008  2008 2008	0.005 0.005 0.018 0.004 0.014 d MEL 50% 2009 0.013 0.030	0.005 0.005 0.002 0.004 0.015 . was assum 2010 0.013 0.030 an engineer	0.006 0.006 0.003 0.023 0.005 0.018 ed to go to	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032	0.010 0.010 0.039 0.008 0.030 0.030	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030	0.011 0.011 0.042 0.009 0.032	0.011 0.011 0.044 0.009 0.033	0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 5 - C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inandfil sites sent to 'non-haz landfill'  Total C&D reused on inandfil sites sent to 'non-haz landfill'  Total C&D reused on inert landfill'  Total C&D reused on inert landfill'  Total C&D reuse on inert landfill sent processes and compositing residue sent to hazardous landfill in not landfill in the charts because it has been assumed that data is total recovery to by 'Non-specialist incineration' (based on total recovery capacity)	2005 0.003 0.003 0.003 0.012 0.002 0.009 andfill. In the or 39 % 61 % 30 % 70 % 2005 0.014 0.032 supplied by eac	0.003 0.003 0.003 0.013 0.003 0.010 iginal model 0.014 0.032 h sub-region	2007 0.004 0.004 0.015 0.003 0.011 assumption 2007 0.013 0.031 n has account	2008 0.004 0.004 0.017 0.003 0.013 ns developed 0.013 0.031 unted for C&E	0.005 0.005 0.018 0.004 0.014 0.014 0.014 0.013 0.030 0 reuse as a	0.005 0.005 0.005 0.004 0.015 was assum 2010 0.013 0.030 an engineer 2010 /A N.	0.006 0.006 0.005 0.023 0.005 0.018 0.018 0.030 0.030 0.030 ing material	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029 landfi 2015 0.014 0.032	0.010 0.010 0.039 0.008 0.030 2016 0.031	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027	0.012 0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033 2023 0.011 0.026	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' or Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill )  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la ONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (C&D reused on landfill sites sent to 'non-haz landfill')  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery ca	2005 0.003 0.003 0.003 0.012 0.002 0.009 andfill. In the or 39 % 61 % 30 % 70 % 2005 0.014 0.032 supplied by eac	0.003 0.003 0.003 0.013 0.003 0.010 iginal model 0.014 0.032 h sub-region	2007 0.004 0.004 0.015 0.003 0.011 assumption 2007 0.013 0.031 n has account	2008 0.004 0.004 0.017 0.003 0.013 ns developed 0.013 0.031 unted for C&E	0.005 0.005 0.018 0.004 0.014 0.014 0.014 0.013 0.030 0 reuse as a	0.005 0.005 0.005 0.020 0.004 0.015 was assum 2010 0.013 0.030 an engineer	0.006 0.006 0.005 0.023 0.005 0.018 0.018 0.030 0.030 0.030 ing material	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th	0.009 0.009 0.034 0.007 0.026 nan to inert	0.010 0.010 0.038 0.008 0.029 landfi 2015 0.014 0.032	0.010 0.010 0.039 0.008 0.030 2016 0.031	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027	0.012 0.012 0.012 0.045 0.009 0.035	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033 2023 0.011 0.026	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
CENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  5 CENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill  5 CENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  10 Total MSW and C&I residue sent to non-hazardous landfill  5 CENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  10 Total MSW and C&I residue sent to non-hazardous landfill  5 CENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  10 Total MSW and C&I residue sent to non-hazardous landfill  10 It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la rONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous	2005  0.003 0.003 0.0012 0.002 0.009 0.009 161 % 161 % 2005 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032	2006 0.003 0.003 0.013 0.003 0.010 iginal model 2006 0.014 0.032 h sub-region 2006 /A N	2007 0.004 0.004 0.0015 0.003 0.011 assumptio  2007 0.013 0.031 n has accou- 2007 /A N 2007	2008  0.004 0.004 0.017 0.003 0.013 ns developed 0.013 0.013 0.031 2008 0.014 2008 0.001	0.005 0.005 0.018 0.004 0.014 d MEL 50% 2009 0.013 0.030 D reuse as a 2009 A N/	0.005 0.005 0.005 0.004 0.015 was assum 2010 0.013 0.030 an engineer 2010 4A N/	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th 2013 0.013 0.031	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert 2014 0.014 0.032	0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032 2015 A N/	0.010 0.010 0.039 0.008 0.030 0.030 2016 0.013 0.031 2016 A N/	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030 2017 A N.	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028	0.011 0.011 0.044 0.009 0.033 0.033 0.027 2019 2019 2019 0.002	0.012 0.012 0.012 0.045 0.009 0.035 2020 0.011 0.025 2020 VA N	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 /A N/	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data's 'ROTAL MSW AND C&I recsidue from RecYcLing Sent To Hazardous Landfill (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill assumption of total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes a	2005  0.003 0.003 0.0012 0.002 0.009 0.009 161 % 30 % 70 % 2005 0.014 0.032 0.002	0.003 0.003 0.003 0.013 0.010 iginal model 0.014 0.032 h sub-region 2006 /A N	2007  0.004 0.004 0.0015 0.003 0.011 assumptio	2008  0.004 0.004 0.017 0.003 0.013 ns developed  2008 0.013 0.031 united for C&E	0.005 0.005 0.018 0.004 0.014 d MEL 50% 2009 0.013 0.030 0 reuse as a 2009 A N/	0.005 0.005 0.005 0.004 0.015 was assum 2010 0.013 0.030 an engineer 2010 /A N.	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 ing material	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th 2013 0.013 0.031	0.009 0.009 0.0034 0.007 0.026 nan to inert	0.010 0.010 0.010 0.038 0.008 0.029 landfi 2015 0.014 0.032	0.010 0.010 0.039 0.008 0.030 0.030	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027	0.012 0.012 0.012 0.045 0.009 0.035 0.035 2020 0.011 0.025	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026	0.011 0.013 0.043 0.009 0.033 0.009 0.033
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Teatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on inadfill sites sent to 'non-haz landfill'  Total C&D reused on inadfill sites sent to 'non-haz landfill'  Total C&D reused on inert landfill'  Total C&D reused on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' total recovery by 'Non-specialist incineration' Tota	2005  0.003 0.003 0.012 0.002 0.009 andfill. In the or 61 % 61 % 39 % 61 % 2005 0.014 0.032  2005 N/A N 2005 0.001 0.0001	2006 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032	2007 0.004 0.004 0.0015 0.003 0.011 assumption  2007 0.013 0.031 n has account 2007 /A N 2007 0.001 0.000	2008  0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.031 0.031 2008 U/A N/	0.005 0.005 0.005 0.018 0.004 0.014 dt MEL 50% 2009 0.013 0.030 0 reuse as a 2009 A N/	2010 2010 2010 2010 2010 2010 2010 2010	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031 2012 A N/ 2012 0.001	0.008 0.008 0.008 0.001 0.006 0.023 ing, rather th  2013 0.013 0.031  2013 2013 0.002 0.000	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert 2014 0.014 0.032 2014 A N/ 2014 0.002	0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032 2015 A N/ 2015 0.002	0.010 0.010 0.039 0.008 0.030 0.030 0.031 2016 0.013 0.031 2016 A N/	0.010 0.010 0.041 0.008 0.031 0.031 0.030 0.031 2017 A N.	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028 2018 0.002 0.000	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027 2019 0.002 0.000	0.012 0.012 0.045 0.009 0.035 0.035 0.035 0.035 0.011 0.025 0.010 0.025	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026 2021 0.002 0.000	0.011 0.014 0.009 0.034 0.034 0.009 0.034 0.001 0.026 0.001 0.002	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 7.4 N/ 2023 0.002	0.011 0.013 0.043 0.009 0.033 0.033 0.033 0.033 0.027 0.027
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (10tal MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill solutions assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill in) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on inert landfill'  Total MSW And C&I residue sent lon-hazardous landfill sont included within the charts because it has been assumed tha	2005  0.003 0.003 0.0012 0.002 0.009 0.009 161 % 161 % 2005 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032	2006 0.003 0.003 0.013 0.003 0.010 iginal model 2006 0.014 0.032 h sub-region 2006 /A N	2007 0.004 0.004 0.0015 0.003 0.011 assumptio  2007 0.013 0.031 n has accou- 2007 /A N 2007	2008  0.004 0.004 0.017 0.003 0.013 ns developed 0.013 0.013 0.031 2008 0.014 2008 0.001	0.005 0.005 0.018 0.004 0.014 d MEL 50% 2009 0.013 0.030 D reuse as a 2009 A N/	0.005 0.005 0.005 0.004 0.015 was assum 2010 0.013 0.030 an engineer 2010 4A N/	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031	0.008 0.008 0.008 0.031 0.006 0.023 ing, rather th 2013 0.013 0.031	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert 2014 0.014 0.032	0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032 2015 A N/	0.010 0.010 0.039 0.008 0.030 0.030 2016 0.013 0.031 2016 A N/	0.010 0.010 0.010 0.041 0.008 0.031 2017 0.013 0.030 2017 A N.	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028	0.011 0.011 0.044 0.009 0.033 0.033 0.027 2019 2019 2019 0.002	0.012 0.012 0.012 0.045 0.009 0.035 2020 0.011 0.025 2020 VA N	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026	0.011 0.011 0.044 0.009 0.034 2022 0.011 0.026	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 /A N/	0.011 0.011 0.043 0.009 0.033 2024 0.011 0.027
CENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to incineration' (based on total recovery by 'Non-specialist incineration'  3) Total MSW and C&I residue sent to incineration' (assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  10 It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar CONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reuse rates based on original model assumptions developed MEL.  NOTE: C&D reuse on inert and non-hazardous landfill assuming all MSW and C&I recovery is by 'Non-specialist incineration' (based on	2005 0.003 0.003 0.0012 0.002 0.009 andfill. In the or 61 % 61 % 2005 0.014 0.032 2005 N/A N 2005 0.001 0.000	2006 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032	2007 0.004 0.004 0.0015 0.003 0.011 assumptio  2007 0.013 0.031 n has accou	2008  0.004 0.004 0.0017 0.003 0.013 0.013 0.031 0.031 0.031 2008 2008 0.010 0.000 0.000	0.005 0.005 0.005 0.018 0.004 0.014 0.014 0.013 0.013 0.030 0 reuse as a 2009 A N/ 2009 0.001 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.001 0.001 0.000 0.000	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031 2012 A N/ 2012 0.001 0.000	0.008 0.008 0.008 0.001 0.006 0.023 ing, rather th  2013 0.013 0.031  2013 2013 0.002 0.000 0.000	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert  2014 0.014 0.032 2014 0.002 0.000 0.000	0.010 0.010 0.010 0.038 0.008 0.029 dandfi  2015 0.014 0.032 2015 A N/ 2015 0.002 0.000 0.000	0.010 0.010 0.039 0.008 0.030 0.030 0.031 2016 0.013 0.031 2016 0.002 0.000	0.010 0.010 0.041 0.008 0.031 0.031 0.030 0.031 2017 2017 0.002 0.000 0.000	2018 2018 2018 2018 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027 2019 0.002 0.000 0.000	0.012 0.012 0.045 0.009 0.035 0.035 0.035 0.035 0.011 0.025 0.001 0.002 0.002	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026 2021 0.002 0.000 0.000	0.011 0.014 0.009 0.034 0.034 0.009 0.034 0.001 0.026 0.001 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 0.002 0.002	0.011 0.013 0.043 0.009 0.033 0.009 0.033 2024 0.011 0.027 2024 0.002 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sets  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on inert landfill'  Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'MST' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumption of total recovery by 'Non-specialist incineration' (based on total recovery by Non-specialist incinerati	2005  0.003 0.003 0.012 0.002 0.009 andfill. In the or 61 % 61 % 39 % 61 % 2005 0.014 0.032  2005 N/A N 2005 0.001 0.0001	2006 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032 0.014 0.032	2007 0.004 0.004 0.0015 0.003 0.011 assumption  2007 0.013 0.031 n has account 2007 /A N 2007 0.001 0.000	2008  0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.031 0.031 2008 U/A N/	0.005 0.005 0.005 0.018 0.004 0.014 dt MEL 50% 2009 0.013 0.030 0 reuse as a 2009 A N/	2010 2010 2010 2010 2010 2010 2010 2010	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030 0.030	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031 2012 A N/ 2012 0.001	0.008 0.008 0.008 0.001 0.006 0.023 ing, rather th  2013 0.013 0.031  2013 2013 0.002 0.000	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert 2014 0.014 0.032 2014 A N/ 2014 0.002	0.010 0.010 0.038 0.008 0.029 dandfi 2015 0.014 0.032 2015 A N/ 2015 0.002	0.010 0.010 0.039 0.008 0.030 0.030 0.031 2016 0.013 0.031 2016 A N/	0.010 0.010 0.041 0.008 0.031 0.031 0.030 0.031 2017 A N.	0.011 0.011 0.042 0.009 0.032 2018 0.012 0.028 2018 0.002 0.000	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027 2019 0.002 0.000	0.012 0.012 0.045 0.009 0.035 0.035 0.035 0.035 0.011 0.025 0.010 0.025	0.011 0.011 0.045 0.009 0.034 2021 0.011 0.026 2021 0.002 0.000	0.011 0.014 0.009 0.034 0.034 0.009 0.034 0.001 0.026 0.001 0.002	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 7.4 N/ 2023 0.002	0.011 0.011 0.043 0.009 0.033 0.009 0.033 2024 A N 2024 0.002 0.000
CENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to incineration' (based on total recovery by 'Non-specialist incineration'  3) Total MSW and C&I residue sent to incineration' (assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  10 It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar CONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reused on landfill sites sent to 'non-hazardous landfill'  1) C&D reuse rates based on original model assumptions developed MEL.  NOTE: C&D reuse on inert and non-hazardous landfill assuming all MSW and C&I recovery is by 'Non-specialist incineration' (based on	2005  0.003 0.003 0.0012 0.002 0.009 0.009 39 % 61 % 61 % 2005 0.014 0.002 2005 N/A N 2005 0.001 0.0000 0.0001	2006 0.014 0.032 0.001 0.001 0.000 0.000 0.0001	2007 0.004 0.004 0.004 0.015 0.003 0.011 assumptio  2007 0.013 0.031 n has account 2007 /A N 2007 0.000 0.000 0.0001	2008 0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.031 0.031 0.031 0.031 0.001 0.000 0.000	0.005 0.005 0.005 0.018 0.004 0.014 0.014 0.013 0.013 0.030 0 reuse as a 2009 A N/ 2009 0.001 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.001 0.001 0.000 0.000	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031 2012 A N/ 2012 0.001 0.000	0.008 0.008 0.008 0.001 0.006 0.023 ing, rather th  2013 0.013 0.031  2013 2013 0.002 0.000 0.000	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert  2014 0.014 0.032 2014 0.002 0.000 0.000	0.010 0.010 0.010 0.038 0.008 0.029 dandfi  2015 0.014 0.032 2015 A N/ 2015 0.002 0.000 0.000	0.010 0.010 0.039 0.008 0.030 0.030 0.031 2016 0.013 0.031 2016 0.002 0.000	0.010 0.010 0.041 0.008 0.031 0.031 0.030 0.031 2017 2017 0.002 0.000 0.000	2018 2018 2018 2018 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027 2019 0.002 0.000 0.000	0.012 0.012 0.045 0.009 0.035 0.035 0.035 0.035 0.011 0.025 0.001 0.002 0.002	0.011 0.011 0.045 0.009 0.034 0.034 2021 0.011 0.026 2021 0.002 0.000 0.000	0.011 0.014 0.009 0.034 0.034 0.009 0.034 0.001 0.026 0.001 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 0.002 0.002	0.011 0.013 0.043 0.009 0.033 0.009 0.033 2024 0.011 0.027 2024 0.002 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inchald land lassuming all MSW and C&I recovery by 'Non-specialist incineration' 3) Total MSW and C&I residue sent to inchald lassuming all MSW and C&I recovery by 'Non-specialist incineration' 3) Total MSW and C&I residue sent to non-hazardous landfill 3) SCENARIO 2 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill 3) CENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill 3) It was assumed that 50% of residue sent to non-hazardous landfill 4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar fornament of landfill sites 4) C&D reused on landfill sites 4) C&D reused on landfill sites sent to 'non-haz landfill' 4) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 6) C&D reuse rates based on original model assumptions developed MEL 6) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data is 'total KSW and C&I recovery is PW Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill sinct included within the charts because it has been assumed that data is 'COLAL MSW AND C&I residue from RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery by Non-specia	2005  0.003 0.003 0.012 0.002 0.009 andfill. In the or 61 % 61 % 2005 0.014 0.002 2005 N/A N 2005 0.001 0.000 0.0001	2006 0.014 0.032 0.001 0.001 0.000 0.000 0.0001	2007 0.004 0.004 0.004 0.015 0.003 0.011 assumptio  2007 0.013 0.031 n has account 2007 /A N 2007 0.000 0.000 0.0001	2008 0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.031 0.031 0.031 0.031 0.001 0.000 0.000	0.005 0.005 0.005 0.018 0.004 0.014 0.014 0.013 0.013 0.030 0 reuse as a 2009 A N/ 2009 0.001 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.001 0.001 0.000 0.000	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031 2012 A N/ 2012 0.001 0.000	0.008 0.008 0.008 0.001 0.006 0.023 ing, rather th  2013 0.013 0.031  2013 2013 0.002 0.000 0.000	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert  2014 0.014 0.032 2014 0.002 0.000 0.000	0.010 0.010 0.010 0.038 0.008 0.029 dandfi  2015 0.014 0.032 2015 A N/ 2015 0.002 0.000 0.000	0.010 0.010 0.039 0.008 0.030 0.030 0.031 2016 0.013 0.031 2016 0.002 0.000	0.010 0.010 0.041 0.008 0.031 0.031 0.030 0.031 2017 2017 0.002 0.000 0.000	2018 2018 2018 2018 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027 2019 0.002 0.000 0.000	0.012 0.012 0.045 0.009 0.035 0.035 0.035 0.035 0.011 0.025 0.001 0.002 0.002	0.011 0.011 0.045 0.009 0.034 0.034 2021 0.011 0.026 2021 0.002 0.000 0.000	0.011 0.014 0.009 0.034 0.034 0.009 0.034 0.001 0.026 0.001 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 0.002 0.002	0.011 0.013 0.043 0.009 0.033 0.009 0.033 2024 0.011 0.027 2024 0.002 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inon-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill (3) CEMARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) CEMARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) CEMARIO 4 - Assumes all recovery is by 'Traintent' (based on total recovery capacity) (5) Total MSW and C&I residue sent to non-hazardous landfill (6) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar (7) CNAD reused on landfill sites (7) C&D reused on landfill sites (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reuse are stes based on original model assumptions developed MEL (7) C&D reuse on landfill sites sent to 'non-hazardous landfill' (7) C&D reuse on landfill sites sent to 'non-hazardous landfill' (7) C&D reuse on landfill sites sent to 'non-hazardous landfill sont included within the charts because it has been assumed that data set of total recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based o	2005  0.003 0.003 0.012 0.002 0.009 andfill. In the or 61 % 61 % 2005 0.014 0.002 2005 N/A N 2005 0.001 0.000 0.0001	2006 0.014 0.032 0.001 0.001 0.000 0.000 0.0001	2007 0.004 0.004 0.004 0.015 0.003 0.011 assumptio  2007 0.013 0.031 n has account 2007 /A N 2007 0.000 0.000 0.0001	2008 0.004 0.004 0.0017 0.003 0.013 ns developed 0.013 0.031 0.031 0.031 0.031 0.001 0.000 0.000	0.005 0.005 0.005 0.018 0.004 0.014 0.014 0.013 0.013 0.030 0 reuse as a 2009 A N/ 2009 0.001 0.000	2010 2010 2010 2010 2010 2010 2010 2010	0.006 0.006 0.003 0.005 0.018 0.018 0.011 0.013 0.030 0.030 0.030 0.001 0.001 0.000 0.000	0.007 0.007 0.007 0.027 0.005 0.021 C&D recycli 2012 0.013 0.031 2012 A N/ 2012 0.001 0.000	0.008 0.008 0.008 0.001 0.006 0.023 ing, rather th  2013 0.013 0.031  2013 2013 0.002 0.000 0.000	0.009 0.009 0.009 0.034 0.007 0.026 nan to inert  2014 0.014 0.032 2014 0.002 0.000 0.000	0.010 0.010 0.010 0.038 0.008 0.029 dandfi  2015 0.014 0.032 2015 A N/ 2015 0.002 0.000 0.000	0.010 0.010 0.039 0.008 0.030 0.030 0.031 2016 0.013 0.031 2016 0.002 0.000	0.010 0.010 0.041 0.008 0.031 0.031 0.030 0.031 2017 2017 0.002 0.000 0.000	2018 2018 2018 2018 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 2019 0.011 0.027 2019 0.002 0.000 0.000	0.012 0.012 0.045 0.009 0.035 0.035 0.035 0.035 0.011 0.025 0.001 0.002 0.000 0.000	0.011 0.011 0.045 0.009 0.034 0.034 2021 0.011 0.026 2021 0.002 0.000 0.000	0.011 0.014 0.009 0.034 0.034 0.009 0.034 0.001 0.026 0.001 0.002 0.000 0.000	0.011 0.011 0.044 0.009 0.033 0.033 2023 0.011 0.026 2023 0.002 0.002	0.011 0.013 0.043 0.009 0.033 0.009 0.033 2024 0.011 0.027 2024 0.002 0.000 0.000

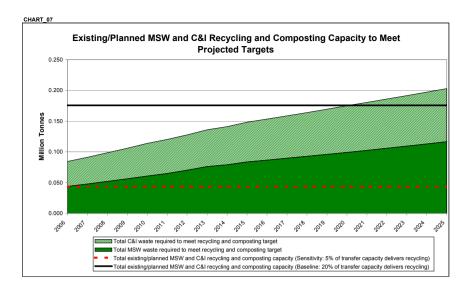


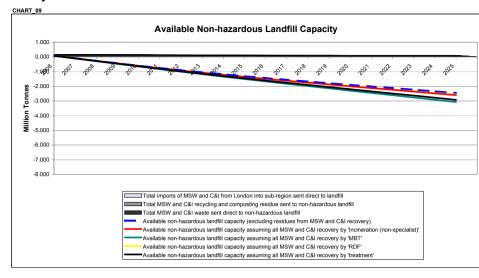


Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

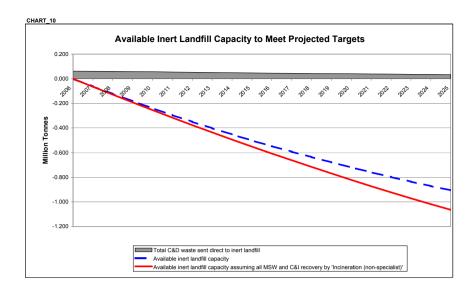
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









#### SUMMARY DATA AND RESULTS FOR MILTON KEYNES

c&i c&i - imports f c&d hazardous  WASTE STRE msw  c&i c&d	from london that are sent direct to non-hazardous landfill  om london that are sent direct to non-hazardous landfill  AM TONNAGES TO MEET TARGETS (Million Tonnes)  LATS shortfall (how much extra is landfilled above LATS target)  Recycling and composting target  Recovery larget  Non-hazardous landfill		0.132 0.146 0.025 0.028 0.063 0.011 2006	0.135 0.142 0.026 0.027 0.063 0.011	0.138 0.138 0.026 0.026 0.063 0.011	0.142 0.135 0.027 0.025 0.063 0.012	0.145 0.131 0.027 0.025 0.063 0.012	0.148 0.123 0.028 0.023 0.063 0.012	0.151 0.116 0.029 0.022 0.063 0.013	0.154 0.109 0.029 0.021 0.063 0.013	0.157 0.102 0.030 0.019 0.063 0.013	0.160 0.094 0.030 0.018 0.063 0.013	0.163 0.090 0.031 0.017 0.063 0.013	0.165 0.086 0.031 0.016 0.063 0.014	0.168 0.083 0.032 0.016 0.063 0.014	0.170 0.079 0.032 0.015 0.063 0.014	0.173 0.075 0.033 0.014 0.063 0.014	0.175 0.073 0.033 0.014 0.063 0.014	0.178 0.071 0.033 0.013 0.063 0.015	0.181 0.070 0.034 0.013 0.063 0.015	0.183 0.068 0.034 0.013 0.063 0.015	0.18 0.06 0.03 0.01 0.06
c&i c&l - imports f c&d hazardous  WASTE STRE msw  c&i c&d	om london that are sent direct to non-hazardous landfill  AM TONNAGES TO MEET TARGETS (Million Tonnes)  LATS shortfall (now much extra is landfilled above LATS target)  Recycling and composting target  Recovery target		0.028 0.063 0.011 2006	0.026 0.027 0.063 0.011	0.026 0.063 0.011	0.027 0.025 0.063 0.012	0.027 0.025 0.063	0.023 0.063	0.022 0.063	0.021 0.063	0.019 0.063	0.018 0.063	0.031 0.017 0.063	0.016 0.063	0.016 0.063	0.015 0.063	0.014 0.063	0.014 0.063	0.013 0.063	0.013 0.063	0.013 0.063	0.03 0.01 0.06
c&d hazardous  WASTE STRE msw  c&i  c&d	AM TONNAGES TO MEET TARGETS (Million Tonnes)  LATS shortfall (now much extra is landfilled above LATS target)  Recycling and composting target  Recovery target		0.063 0.011 2006	0.063 0.011 2007	0.063 0.011	0.063 0.012	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.06
hazardous  WASTE STRE msw  C&i  c&d	LATS shortfall (how much extra is landfilled above LATS target) Recycling and composting target Recovery target		0.011 2006	0.011 2007	0.011	0.012																
msw c&i c&d	LATS shortfall (how much extra is landfilled above LATS target) Recycling and composting target Recovery target		2006																			0.01
msw c&i c&d	LATS shortfall (how much extra is landfilled above LATS target) Recycling and composting target Recovery target				2008																	
c&i c&d	Recycling and composting target Recovery target			-0.009	-0.006	-0.002	2010 0.003	2011 0.004	2012 0.006	2013 0.007	2014 0.004	2015 0.001	2016 0.001	0.000	2018	2019	-0.001	-0.001	-0.001	-0.001	-0.001	-0.00
c&i			0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.000	0.095	0.098	0.101	0.105	0.108	0.11
c&i c&d	Non-hazardous landfill		0.008	0.011	0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046	0.048	0.048	0.047	0.046	0.045	0.04
c&d			0.081	0.079	0.076	0.073	0.067	0.060	0.054	0.047	0.044	0.041	0.039	0.037	0.034	0.032	0.029	0.029	0.030	0.030	0.030	0.03
c&d	Recycling and composting target Recovery target		0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.02
	Non-hazardous landfill		0.004	0.004	0.010	0.010	0.010	0.009	0.009	0.003	0.008	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.00
	Recycling target		0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.03
	Recovery target		0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.01
	Inert landfill Hazardous waste		0.012	0.011	0.011	0.011	0.011	0.010 0.012	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.00
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	odel assumes						red at the sa							for that year		0.014	0.014	0.015	0.013	0.013	0.01
VIOTINO	ANNUED CARLACTY FOR REGYCLING RECOVERY AND LANDER THE AND TOTAL WASTE TOWN AFTE TO CARLACTE TO SACUE DISPOSE									-	-		-									
XISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (I	Willion Tor 2006	nnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
ISW and C&I	recovery		2000	2007	2000	2003	2010	2011	2012	2010	2014	2010	2010	2017	2010	2013	2020	2021	2022	2023	2024	
	Total existing/planned MSW and C&I recovery capacity		0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.07
	Surplus/deficit capacity		0.063	0.061	0.058	0.056	0.053	0.048	0.043	0.038	0.034	0.030	0.028	0.026	0.024	0.022	0.020	0.020	0.021	0.022	0.023	0.02
	recycling and composting  Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.22
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.22
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.167	0.163	0.158	0.153	0.146	0.140	0.134	0.129	0.126	0.122	0.119	0.116	0.112	0.109	0.105	0.101	0.098	0.094	0.090	0.08
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.142	0.137	0.133	0.128	0.121	0.115	0.109	0.103	0.100	0.097	0.094	0.090	0.087	0.083	0.080	0.076	0.072	0.068	0.064	0.06
D recycling	Tatal anishing/alanand COD annuling annuling		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		-0.000	-0.030	-0.030	-0.000	-0.000	-0.031	-0.031	-0.031	-0.000	-0.031	-0.033	-0.034	-0.035	-0.036	-0.000	-0.038	-0.038	-0.038	-0.038	-0.03
D recovery	our prior definit departy		0.020	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.30
	Surplus/deficit capacity		1.772	1.689	1.605	1.522	1.439	1.418	1.397	1.376	1.354	1.333	1.303	1.273	1.242	1.212	1.182	1.202	1.223	1.244	1.264	1.28
	ste recycling Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/.
	ste recovery																					
	Total existing/planned hazardous waste recovery capacity		0.000 N/A	0.000	0.000	0.000	0.000	0.000 N/A	0.000	0.000	0.000	0.000	0.000	0.000 N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
n-hazardou	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		22.000	21.724	21.454	21.192	20.936	20.689	20.457	20.241	20.039	19.849	19.671	19.499	19.334	19.175	19.022	18.877	18.733	18.591	18.450	18.31
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		22.000	21.722	21.450	21.185	20.926	20.677	20.441	20.219	20.012	19.816	19.631	19.452	19.280	19.113	18.953	18.799	18.647	18.496	18.347	18.20
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		22.000	21.717	21.439	21.166	20.899	20.640	20.392	20.157	19.933	19.719	19.514	19.315	19.121	18.932	18.748	18.570	18.394	18.220	18.048	17.87
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		22.000	21.722	21.451 21.443	21.186	20.928	20.679	20.444	20.224	20.017 19.958	19.823	19.639	19.462	19.290	19.125 18.989	18.967 18.813	18.814 18.643	18.664	18.515	18.368	18.22
ert landfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		22.000	21.719	21.443	21.172	20.908	20.651	20.408	20.177	19.958	19.750	19.552	19.359	19.171	18.989	18.813	18.643	18.474	18.308	18.143	17.98
	Available inert landfill capacity		0.312	0.300	0.289	0.278	0.267	0.256	0.246	0.236	0.226	0.217	0.208	0.200	0.191	0.183	0.176	0.168	0.161	0.154	0.147	0.14
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.312	0.299	0.285	0.271	0.258	0.243	0.229	0.214	0.199	0.184	0.169	0.153	0.137	0.122	0.106	0.090	0.075	0.060	0.045	0.03
azardous lar			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	The model does not contain data for the management of nazardous maste.																					
	ISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.59
	Forecast regional level growth rate of MSW - cumulative (%)	103%	106%	108%	111%	114%	117%	119%	121%	124%	126%	129%	131%	133%	135%	137%	139%	141%	143%	145%	147%	1499
(.,	Total arisings of MSW using regional growth forecasts	0.128	0.132	0.135	0.138	0.142	0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.165	0.168	0.170	0.173	0.175	0.178	0.181	0.183	0.18
(1)	Forecast sub-regional growth rate of MSW - per year (%)	2.6%	3.8%	4.4%	4.6%	4.4%	3.8%	3.3%	2.6%	2.6%	2.6%	2.1%	2.0%	2.0%	2.0%	2.1%	1.6%	1.5%	1.7%	1.6%	1.6%	1.69
(1)	Forecast sub-regional level growth rate of MSW - cumulative (%)	103%	107%	111%	116%	121%	126%	130%	134%	137%	141%	143%	146%	149%	152%	156%	158%	160%	163%	166%	168%	1719
d	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year	0.128	0.133	0.139	0.145	0.151	0.157	0.162	0.167	0.171	0.175	0.179	0.183	0.186	0.190	0.194	0.197	0.200	0.203	0.207	0.210	0.21
	Arisings of Coa in Daseline year Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.09
(1)	Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	1669
	Total arisings of C&I using regional growth forecasts	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.03
	Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.09
(1)	Forecast sub-regional level growth rate of C&I - cumulative (%)	117% 0.024	120%	123% 0.026	126% 0.026	130%	133%	136% 0.028	138%	141% 0.029	144% 0.030	147% 0.030	149% 0.031	151% 0.031	153%	156% 0.032	158% 0.033	160% 0.033	161% 0.033	163% 0.034	164% 0.034	1669
(1)		U.UZ4	0.025	0.020	0.020	0.027	0.027	0.026	0.029	0.029	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.03
(1)	Total arisings of C&I using sub-regional growth forecasts						2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	-
(1) (1) zardous		3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	∠.∪70												1.0 /0	1.0%	1.0
(1) (1) zardous	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	107%	2.5% 109%	2.5% 112%	2.5% 115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	
(1) (1) zardous (2)	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	107% 0.011	109% 0.011	112% 0.011	115% 0.011	118% 0.012	121% 0.012	123% 0.012	126% 0.013	128% 0.013	131% 0.013	133% 0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	148% 0.015	149% 0.015	151 0.0
(1) (1) zardous (2)	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%)	107% 0.011 3.3%	109% 0.011 2.5%	112% 0.011 2.5%	115% 0.011 2.5%	118% 0.012 2.5%	121% 0.012 2.5%	123% 0.012 2.0%	126% 0.013 2.0%	128% 0.013 2.0%	131% 0.013 2.0%	133% 0.013 2.0%	0.013 1.5%	0.014 1.5%	0.014 1.5%	0.014 1.5%	0.014 1.5%	0.014 1.0%	0.015 1.0%	148% 0.015 1.0%	149% 0.015 1.0%	1519 0.01 1.09
(1) (1) zardous (2)	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast bregional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	107% 0.011 3.3% 107%	109% 0.011 2.5% 109%	112% 0.011 2.5% 112%	115% 0.011 2.5% 115%	118% 0.012 2.5% 118%	121% 0.012 2.5% 121%	123% 0.012 2.0% 123%	126% 0.013 2.0% 126%	128% 0.013 2.0% 128%	131% 0.013 2.0% 131%	133% 0.013 2.0% 133%	0.013 1.5% 135%	0.014 1.5% 137%	0.014 1.5% 139%	0.014 1.5% 141%	0.014 1.5% 144%	0.014 1.0% 145%	0.015 1.0% 146%	148% 0.015 1.0% 148%	149% 0.015 1.0% 149%	1.09 1519 0.01 1.09 1519
(1) (1) azardous (2)	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Fotal arisings of hazardous waste	107% 0.011 3.3%	109% 0.011 2.5%	112% 0.011 2.5%	115% 0.011 2.5%	118% 0.012 2.5%	121% 0.012 2.5%	123% 0.012 2.0%	126% 0.013 2.0%	128% 0.013 2.0%	131% 0.013 2.0%	133% 0.013 2.0%	0.013 1.5%	0.014 1.5%	0.014 1.5%	0.014 1.5%	0.014 1.5%	0.014 1.0%	0.015 1.0%	148% 0.015 1.0%	149% 0.015 1.0%	1519 0.01 1.09
(1) (1) azardous (2) (2)	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste to finazindus waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year Forecast sub-regional-level growth rate of managed C&D - per year (%)	107% 0.011 3.3% 107% 0.011	109% 0.011 2.5% 109% 0.011	112% 0.011 2.5% 112% 0.011	115% 0.011 2.5% 115% 0.011	118% 0.012 2.5% 118% 0.012	121% 0.012 2.5% 121% 0.012	123% 0.012 2.0% 123% 0.012	126% 0.013 2.0% 126% 0.013	128% 0.013 2.0% 128% 0.013	131% 0.013 2.0% 131% 0.013	133% 0.013 2.0% 133% 0.013	0.013 1.5% 135% 0.013	0.014 1.5% 137% 0.014	0.014 1.5% 139% 0.014	0.014 1.5% 141% 0.014	0.014 1.5% 144% 0.014	0.014 1.0% 145% 0.014	0.015 1.0% 146% 0.015	148% 0.015 1.0% 148% 0.015	149% 0.015 1.0% 149% 0.015	1519 0.01 1.09 1519 0.01
(1) (1) azardous (2) (2) &d	Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Forela strainings of hazardous waste	107% 0.011 3.3% 107% 0.011	109% 0.011 2.5% 109% 0.011	112% 0.011 2.5% 112% 0.011	115% 0.011 2.5% 115% 0.011	118% 0.012 2.5% 118% 0.012	121% 0.012 2.5% 121% 0.012	123% 0.012 2.0% 123% 0.012	126% 0.013 2.0% 126% 0.013	128% 0.013 2.0% 128% 0.013	131% 0.013 2.0% 131% 0.013	133% 0.013 2.0% 133% 0.013	0.013 1.5% 135% 0.013	0.014 1.5% 137% 0.014	0.014 1.5% 139% 0.014	0.014 1.5% 141% 0.014	0.014 1.5% 144% 0.014	0.014 1.0% 145% 0.014	0.015 1.0% 146% 0.015	148% 0.015 1.0% 148% 0.015	149% 0.015 1.0% 149% 0.015	1519 0.01 1.09 1519 0.01

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

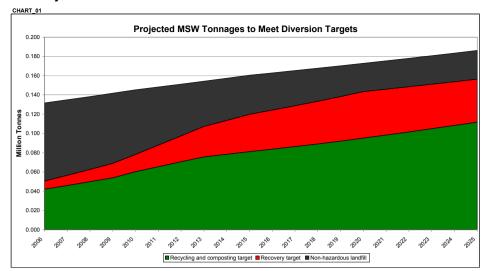
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

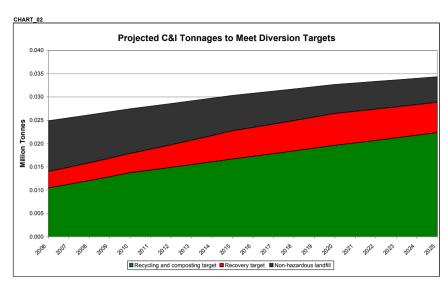
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.178	0.173	0.169	0.164	0.160	0.156	0.147	0.138	0.129	0.121	0.112	0.107	0.103	0.098	0.094	0.089	0.087	0.085	0.083	0.081	0.079
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.149	0.146	0.142	0.138	0.135	0.131	0.123	0.116	0.109	0.102	0.094	0.090	0.086	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.067
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	84%	84%	84%	85%	85%	85%	85%	85%	85%	85%	85%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST																					
	0.149	0.146	0.143	0.139	0.136	0.132	0.125	0.118	0.111	0.103	0.096	0.092	0.088	0.084	0.080	0.076	0.075	0.073	0.071	0.070	0.068
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	0.149 16%	0.146 16%	0.143 16%	0.139 16%	0.136 16%	0.132 16%	16%	16%	16%	16%	16%	16%	16%	0.084 16%	0.080 16%	0.076 16%	0.075 16%	16%	16%	16%	16%
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.149 16% 0.028	0.110		0.139 16% 0.026	0.136 16% 0.025	0.132 16% 0.025	0.120	0.118 16% 0.022	16% 0.021	16% 0.019	0.096 16% 0.018	0.092 16% 0.017	0.088 16% 0.016	0.084 16% 0.016	0.080 16% 0.015	0.076 16% 0.014	0.075 16% 0.014	0.010	16% 0.013	16% 0.013	
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	0.149 16% 0.028 16%	16%	16%	0.139 16% 0.026 15%	0.136 16% 0.025 15%	16%	16%	0.118 16% 0.022 15%	16% 0.021 15%	16% 0.019 15%	16%	16%	16%	0.084 16% 0.016 14%		16%	16%	16%	16% 0.013 14%	16%	16%

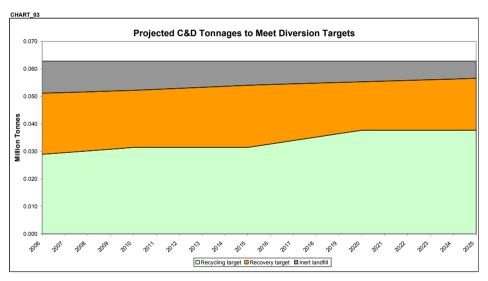
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

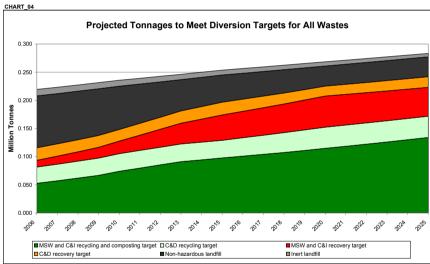
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.128	0.132	0.135	0.138	0.142	0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.165	0.168	0.170	0.173	0.175	0.178	0.181	0.183	0.186
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.149	0.146	0.142	0.138	0.135	0.131	0.123	0.116	0.109	0.102	0.094	0.090	0.086	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.067
c&i		0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034
c&I - import	s from london that are sent direct to non-hazardous landfill	0.028	0.028	0.027	0.026	0.025	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.012
c&d		0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063
hazardous		0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.068	0.066	0.062	0.058	0.052	0.045	0.040	0.035	0.030	0.029	0.027	0.026	0.025	0.023	0.022	0.021	0.021	0.021	0.021	0.021	0.021
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

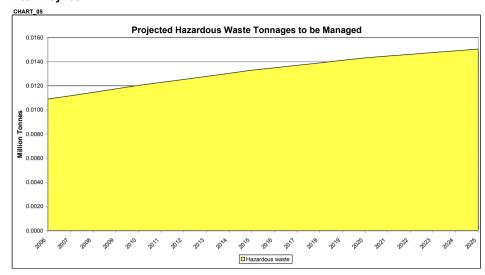
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.045	0.051	0.056	0.063	0.069	0.076	0.084	0.092	0.101	0.109	0.119	0.123	0.128	0.133	0.138	0.143	0.146	0.149	0.151	0.154	0.156
	Total MSW not-diverted by targets Percentage of MSW that is biodegradable (% by weight)	0.083 68	0.081 68	0.079 68	0.076 68	0.073 68	0.070 68	0.065 68	0.059 68	0.054 68	0.048 68	0.042 68	0.039 68	0.037 68	0.035 68	0.032 68	0.029 68	0.029 68	0.030 68	0.030 68	0.030 68	0.030 68
	Total BMW not-diverted by targets	0.057	0.055	0.053	0.052	0.050	0.047	0.044	0.040	0.036	0.033	0.028	0.027	0.025	0.024	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	LATS shortfall (how much extra is landfilled above LATS target)	-0.012	-0.011	-0.000	-0.002	-0.002	0.003	0.004	0.006	0.030	0.004	0.028	0.027	0.025	0.024	0.022	-0.001	-0.001	-0.001	-0.020	-0.020	-0.001
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.039	0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098	0.101	0.105	0.108	0.112
	Recovery target	0.006	0.008	0.011	0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046	0.048	0.048	0.047	0.046	0.045	0.045
	Non-hazardous landfill	0.083	0.081	0.079	0.076	0.073	0.067	0.060	0.054	0.047	0.044	0.041	0.039	0.037	0.034	0.032	0.029	0.029	0.030	0.030	0.030	0.030
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.010	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
	Recovery target	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	Non-hazardous landfill	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.005
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
	Recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
	Inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
DATA 06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.048	0.053	0.057	0.062	0.067	0.074	0.080	0.085	0.091	0.094	0.098	0.101	0.104	0.107	0.111	0.115	0.118	0.122	0.126	0.130	0.134
	C&D recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
	MSW and C&I recovery target	0.010	0.012	0.014	0.017	0.019	0.022	0.027	0.032	0.037	0.041	0.045	0.047	0.049	0.051	0.053	0.055	0.055	0.054	0.053	0.052	0.051
	C&D recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
	Non-hazardous landfill	0.095	0.092	0.089	0.086	0.083	0.077	0.070	0.063	0.055	0.052	0.048	0.046	0.044	0.041	0.039	0.036	0.036	0.035	0.035	0.035	0.035
	Inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
	Hazardous waste	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015









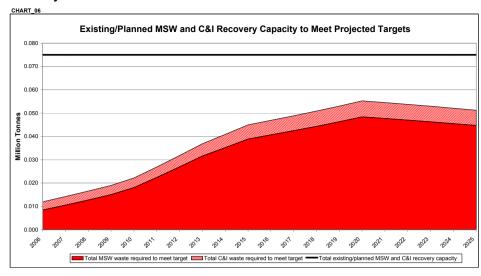


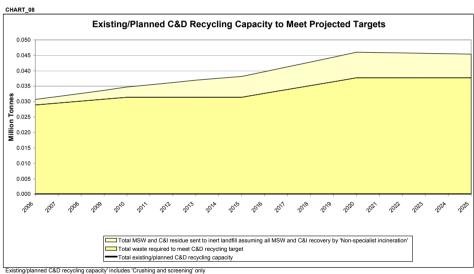
#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Total existing/planned MSW and C&I recovery capacity	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Total MSW waste required to meet target	0.006	0.008	0.011	0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046	0.048	0.048	0.047	0.046	0.045	0.045
Total C&I waste required to meet target	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Surplus/deficit capacity	0.065	0.063	0.061	0.058	0.056	0.053	0.048	0.043	0.038	0.034	0.030	0.028	0.026	0.024	0.022	0.020	0.020	0.021	0.022	0.023	0.024
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
MSW and C&I transfer	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169	0.169
Total existing/planned MSW and C&I composting capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220
2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194	0.194
Total MSW waste required to meet recycling and composting target	0.039	0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098	0.101	0.105	0.108	0.112
Total C&I waste required to meet recycling and composting target	0.010	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.172	0.167	0.163	0.158	0.153	0.146	0.140	0.134	0.129	0.126	0.122	0.119	0.116	0.112	0.109	0.105	0.101	0.098	0.094	0.090	0.086
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.146	0.142	0.137	0.133	0.128	0.121	0.115	0.109	0.103	0.100	0.097	0.094	0.090	0.087	0.083	0.080	0.076	0.072	0.068	0.064	0.060
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
Surplus/deficit capacity	-0.028	-0.029	-0.030	-0.030	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.033	-0.034	-0.035	-0.036	-0.038	-0.038	-0.038	-0.038	-0.038	-0.038
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
Surplus/deficit capacity	1.855	1.772	1.689	1.605	1.522	1.439	1.418	1.397	1.376	1.354	1.333	1.303	1.273	1.242	1.212	1.182	1.202	1.223	1.244	1.264	1.285
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		22.000	21.724	21.454	21.192	20.936	20.689	20.457	20.241	20.039	19.849	19.671	19.499	19.334	19.175	19.022	18.877	18.733	18.591	18.450	18.310
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		22.000	21.722	21.450	21.185	20.926	20.677	20.441	20.219	20.012	19.816	19.631	19.452	19.280	19.113	18.953	18.799	18.647	18.496	18.347	18.200
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		22.000	21.717	21.439	21.166	20.899	20.640	20.392	20.157	19.933	19.719	19.514	19.315	19.121	18.932	18.748	18.570	18.394	18.220	18.048	17.877
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		22.000	21.722	21.451	21.186	20.928	20.679	20.444	20.224	20.017	19.823	19.639	19.462	19.290	19.125	18.967	18.814	18.664	18.515	18.368	18.222
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		22.000	21.719	21.443	21.172	20.908	20.651	20.408	20.177	19.958	19.750	19.552	19.359	19.171	18.989	18.813	18.643	18.474	18.308	18.143	17.980
Total MSW and C&I waste sent direct to non-hazardous landfill	-	0.092	0.089	0.086	0.083	0.077	0.070	0.063	0.055	0.052	0.048	0.046	0.044	0.041	0.039	0.036	0.036	0.035	0.035	0.035	0.035
Inert landfill																					
Available inert landfill capacity		0.312	0.300	0.289	0.278	0.267	0.256	0.246	0.236	0.226	0.217	0.208	0.200	0.191	0.183	0.176	0.168	0.161	0.154	0.147	0.140
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.312	0.299	0.285	0.271	0.258	0.243	0.229	0.214	0.199	0.184	0.169	0.153	0.137	0.122	0.106	0.090	0.075	0.060	0.045	0.030
Total C&D waste sent direct to inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	1	1 A/V	V/A N	/A N	I/A N	/A N	I/A N	I/A N	I/A N	I/A N	/A N	/A N	I/A N	/A N	/A N	I/A N	/A N	/A N	I/A N/	/A N	/A
Other																					
Metal/ELV facility	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
lanored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	2.220																				

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

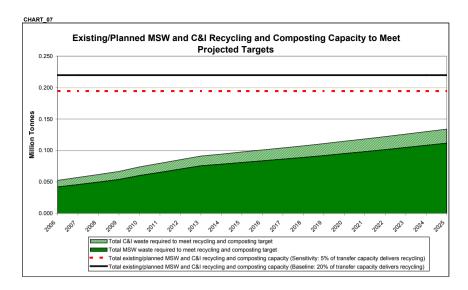
DATA_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	20	20	30	30	30	30	20	30	30	30	30	20	20	30	30	30	30
MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30 3	30	30	30	30
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous Hazardous waste recovery	5 5	5	5 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 5
Recycling residues (% by weight)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with																					
ATA_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (of waste managed):	2000	2000	2007	2000	2000	2010	2011	2012	2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL	LULU	LULI	LOLO
MSW and C&I incineration (non-specialist) - bottom ash	0.003	0.004	0.004	0.005	0.006	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.015	0.016	0.017	0.016	0.016	0.016	0.016	0.015
MSW and C&I incineration (non-specialist) - fly ash	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
MSW and C&I to MBT	0.006	0.007	0.008	0.010	0.011	0.013	0.016	0.019	0.022	0.024	0.027	0.028	0.029	0.030	0.031	0.033	0.032	0.032	0.031	0.031	0.030
MSW and C&I to RDF	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.006
MSW and C&I treatment - non-hazardous	0.004	0.005	0.006	0.007	0.009	0.010	0.012	0.014	0.017	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.024	0.024	0.023	0.023
MSW and C&I treatment - hazardous Hazardous waste recovery	0.000 N/A N	0.001 N/A N	0.001 N/A N	0.001 J/A N	0.001 I/A N	0.001 /A N	0.001 J/A N/	0.002 'A N	0.002 /A N	0.002 /A N/	0.002 A N	0.002 'A N/	0.002 A N	0.003 A N	0.003	0.003 /A N	0.003 I/A N	0.003	0.003 I/A N	0.003 /A N/	0.003 A
Recycling residues (of waste managed):	N/A P	N/A I	W/A P	WA IN	I/A IN	/A N	WA IN/	A N	/A N	/A IN/	A IN	A IN	A N	A N	A N	/A N	/A N	/A P	WA N	/A IN/	*
MSW and C&I recycling and composting	0.007	0.008	0.009	0.009	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020
C&D recycling	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Hazardous waste recycling	N/A N	N/A N	N/A N	I/A N	I/A N	/A N	I/A N/	A N	/A N	/A N/	A N	'A N/	A N	A N	/A N	/A N	/A N	/A N	I/A N	/A N/	Ą
TA_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.010	0.011	0.012	0.012	0.013	0.014	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.022	0.022	0.023	0.023	0.024
TA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million	n Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.001 0.001	0.002 0.002	0.002 0.002	0.002 0.002	0.003	0.003	0.004 0.004	0.005 0.005	0.006	0.006	0.007	0.007	0.007 0.007	0.008	0.008 0.008	0.008 800.0	0.008 800.0	0.008	0.008	0.008 800.0	0.008
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.000
Total MSW and C&I residue sent to non-hazardous landfill	0.006	0.007	0.008	0.010	0.011	0.013	0.016	0.019	0.022	0.024	0.027	0.028	0.029	0.030	0.031	0.033	0.032	0.032	0.031	0.031	0.030
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.00
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.004	0.005	0.006	0.007	0.009	0.010	0.012	0.014	0.017	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.024	0.024	0.023	0.02
<ol> <li>It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar</li> <li>TA_12: TONNAGES OF C&amp;D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)</li> </ol>	adfill. In the o	original mode	el assumptio	ins develope	ed MEL 50%	was assur	ned to go to	C&D recycl	ling, rather t	han to inert	andfi										
(1) C&D reused on landfill sites	39 %	%																			
(1) C&D reused on exempt sites	61 9																				
(1) C&D reused on landfill sites sent to 'non-haz landfill'	30 9																				
(1) C&D reused on landfill sites sent to 'inert landfill'	70 9	%																			
Total C&D reused on non-hazardous landfill	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
Total C&D reused on non-hazardous landfill	0.003 0.006	0.003	0.003	0.003	0.002	0.002 0.006	0.002 0.006	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002 0.005	0.00
Total reused C&D on inert landfill	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.00
(1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	upplied by ea	ch sub-regio	on has accor	unted for C&	D reuse as	an enginee	ring material	L.													
TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2026
Total MSW and C&I recycling and composting residue sent to hazardous landfill							I/A N/									/A N			1/A N		A ZOZO
TA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.00
			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.000	0.000				0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000																	
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)						0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)						0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C81 residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C81 residue sent to hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)	0.000	0.000	0.000	0.000	0.000																
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of m	0.000 0.000 nanaged waste	0.000	0.000	0.000	0.000																
SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.000  0.000  nanaged waste  pnnes)  2005	0.000 0.001 e versus ava	0.000 0.001 ailable capac	0.000 0.001 sity.	0.000	2010		0.002		0.002	0.002	0.002	0.002	0.003	0.003	0.003		0.003		0.003	0.000

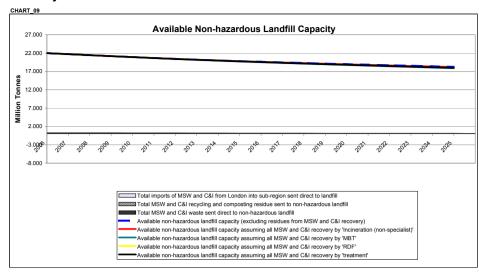




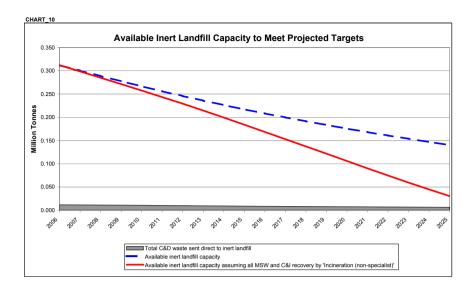
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









#### SUMMARY DATA AND RESULTS FOR OXFORDSHIRE

ài à imports from londi de de la imports from londi de de la constant de la const	zardous landfill ng pand composting target ryl target zardous landfill ng target zardous landfill ng target ryl target there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n  CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS  TY visiting/planned MSW and C&I recovery capacity videficit capacity ng and composting ng and composting sisting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) visiting/planned MSW and C&I recycling and composting capacity (Senstitivity: 5% of transfer capacity delivers recycling) videficit capacity videficit capacity (Saseline: 20% of transfer capacity delivers recycling) videficit capacity				0.363 0.103 0.614 0.174 0.755 0.054 0.074 2008 -0.018 0.131 0.033 0.199 0.283 0.090 0.2242 0.362 0.362 0.134 0.053 0.090 0.27 0.814 0.776 0.401 0.362 0.107 -0.255 1.627	2009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262 1.544	0.382 0.997 0.646 0.165 0.755 0.755 0.056 0.765 0.056 0.046 0.180 0.097 0.226 0.377 0.229 0.128 0.056 and recover 2010 0.150 0.007 0.814 0.776 0.328	0.389 0.092 0.658 0.155 0.755 0.755 0.758 0.058 2011 0.007 0.169 0.169 0.336 0.105 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.270	0.397 0.086 0.672 0.146 0.755 0.059 2012 0.071 0.183 0.070 0.144 0.349 0.114 0.208 0.377 0.258 0.119 0.059 une ratio as  2012 0.150 0.034 0.814 0.776 0.282 0.244 0.107	0.405 0.081 0.685 0.137 0.755 0.060 2013 0.015 0.195 0.196 0.363 0.123 0.123 0.199 0.377 0.263 0.115 0.060 0.105 0.115 0.060 0.150 0.150 0.150 0.261 0.150 0.263	0.413 0.076 0.699 0.128 0.755 0.061 2014 0.008 0.204 0.092 0.118 0.377 0.133 0.189 0.377 0.267 0.110 0.061 1 targets for 0.150 0.061 0.150 0.2014 0.750 0.814 0.750 0.233 0.195 0.107	2015 0.150 -0.094 0.814 0.776 0.212 0.173 0.107	2016 0.150 -0.102 0.814 0.776 0.191 0.152 0.107	2017 0.150 -0.111 0.814 0.776 0.170 0.131 0.107	2018 0.150 -0.120 0.814 0.776 0.149 0.110 0.107	2019 0.150 -0.129 0.814 0.776 0.127 0.088 0.107	0.454 0.056 0.768 0.094 0.755 0.067 2020 0.127 0.077 0.461 0.146 0.453 0.2111 0.067 2020 0.150 -0.138 0.150 0.1	0.461 0.054 0.776 0.092 0.755 0.088 2021 -0.004 0.258 0.258 0.277 0.473 0.160 0.088 0.068 0.068 0.068	0.468 0.053 0.783 0.783 0.789 0.785 0.088 2022 -0.004 0.267 0.123 0.078 0.486 0.139 0.453 0.217 0.085 0.068	0.475 0.052 0.791 0.087 0.755 0.069 2023 -0.004 0.275 0.122 0.078 0.498 0.156 0.498 0.156 0.220 0.082 0.069  2023 0.150 0.128 0.814 0.776 0.041 0.002	0.482   0.051   0.799   0.085   0.799   0.085   0.790   0.785   0.070   2024   0.190   0.150
AL imports from londrick azardous VASTE STREAM TON SW LAT'S sh Recyclin Recover Non-haz Ad Recyclin Recover Institution of the Note of the	INNAGES TO MEET TARGETS (Million Tonnes)  Introfall (how much extra is landfilled above LATS target) Ing and composting target yre target uzardous landfill Ing and composting target ryr target uzardous landfill Ing target yre target uzardous landfill Ing target yre target Understand target yre yre target yre ta		0.183 0.755 0.0551 2006 -0.029 0.111 0.022 0.213 0.246 0.083 0.256 0.347 0.267 0.140 0.051 es that this e (Million To 2006 0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240	0.179 0.755 0.755 0.052  2007 -0.024 0.120 0.028 0.206 0.264 0.086 0.249 0.355 0.263 0.137 0.052 extra waste nnes) 2007  0.150 0.036 0.430 0.391 0.470 0.430 0.391	0.1744 0.755 0.054 2008 -0.018 0.131 0.033 0.199 0.283 0.090 0.242 0.362 0.054 s recycled/s 2008 0.154 0.054 0.027 0.027	0.169 0.755 0.055 2009 -0.009 0.141 0.039 0.191 0.302 0.993 0.234 0.370 0.254 0.131 0.055 composted 0.150 0.017 0.814 0.776 0.371 0.332 0.107 0.371 0.332	0.165 0.755 0.056 2010 0.003 0.155 0.046 0.323 0.97 0.226 0.377 0.229 0.128 0.058 and recover 2010 0.007	0.155 0.755 0.058 2011 0.007 0.169 0.058 0.162 0.336 0.105 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 0.013 0.013	0.146 0.755 0.059  2012 0.011 0.183 0.070 0.144 0.349 0.144 0.208 0.377 0.258 0.119 0.059 ume ratio as  2012 0.150 0.349 0.176 0.282 0.282 0.282 0.190 0.814 0.776	0.137 0.755 0.060 2013 0.015 0.197 0.082 0.126 0.363 0.193 0.363 0.199 0.377 0.263 0.165 0.060 the regional 2013 0.150 0.055 0.814 0.776 0.255	0.128 0.755 0.061 2014 0.008 0.204 0.092 0.118 0.377 0.133 0.389 0.377 0.267 0.101 0.061 1 targets for 0.150 0.061 0.076 0.0814 0.776 0.233 0.0195 0.0195	0.119 0.755 0.062 2015 0.000 0.211 0.101 0.109 0.392 0.148 0.377 0.272 0.106 0.062 2015 0.150 0.094 0.814 0.776 0.213 0.173	0.114 0.756 0.063  2016 0.000 0.218 0.106 0.103 0.405 0.142 0.393 0.260 0.103 mposting at  2016 0.150 -0.102 0.814 0.776 0.191 0.152 0.107	0.109 0.755 0.064  2017 -0.001 0.226 0.111 0.097 0.419 0.150 0.166 0.408 0.248 0.100 0.064 0.064 0.1050 0.150 -0.111 0.814 0.776 0.176 0.131	0.104 0.756 0.065 2018 -0.002 0.234 0.116 0.091 0.432 0.154 0.159 0.423 0.236 0.997 0.065 for that yer 2018 0.150 -0.120 0.814 0.776 0.149 0.110 0.107	0.099 0.755 0.066 2019 -0.003 0.241 0.122 0.084 0.446 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 0.150 0.150 0.150 0.150 0.150 0.150	0.094 0.755 0.067 2020 -0.004 0.250 0.127 0.077 0.461 0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138	0.092 0.755 0.068 2021 -0.004 0.258 0.125 0.077 0.473 0.463 0.214 0.088 0.068 2021 0.150 -0.135 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814 0.750 0.814	0.089 0.755 0.068 2022 -0.004 0.267 0.123 0.078 0.486 0.158 0.139 0.453 0.217 0.085 0.085 0.085	0.087 0.755 0.069 2023 -0.004 0.275 0.122 0.078 0.498 0.157 0.136 0.220 0.082 0.069 2023 0.150 -0.128	0.085 0.755 0.070 2024 -0.004 0.284 0.119 0.078 0.511 0.153 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Ad azzardous Ad	INNAGES TO MEET TARGETS (Million Tonnes)  Introfall (how much extra is landfilled above LATS target) Ing and composting target yre target uzardous landfill Ing and composting target ryr target uzardous landfill Ing target yre target uzardous landfill Ing target yre target Understand target yre yre target yre ta		0.755 0.051 2006 -0.029 0.111 0.022 0.213 0.246 0.083 0.256 0.347 0.267 0.140 0.051 0.051 0.045 0.150 0.045 0.449 0.176 0.458 0.419 0.1794 1.527	0.755 0.052 2007 -0.024 0.120 0.028 0.206 0.264 0.355 0.263 0.137 0.052 2xtra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.755 0.054 2008 -0.018 0.131 0.033 0.199 0.283 0.090 0.242 0.362 0.254 0.154 0.054 is recycled/d 2008 0.150 0.027 0.027	0.755 0.055 0.055 0.055 2009 -0.009 0.141 0.302 0.093 0.191 0.370 0.254 0.131 0.055 composted:  2009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 0.262	0.755 0.056 2010 0.003 0.155 0.046 0.180 0.327 0.226 0.377 0.249 0.128 0.056 and recover 2010 0.150 0.007	0.755 0.058 2011 0.007 0.169 0.058 0.162 0.336 0.105 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.058 ed at the sa	0.755 0.055 0.050 2012 0.071 0.183 0.070 0.144 0.349 0.114 0.208 0.377 0.208 0.119 0.059 me ratio as 2012 0.150 -0.034 0.076 0.076 0.076 0.076 0.076 0.084 0.076 0.084 0.076 0.084 0.076 0.084 0.076 0.084 0.076 0.084 0.076 0.084 0.076 0.084 0.076 0.089 0.076 0.089 0	0.755 0.060 2013 0.015 0.197 0.082 0.123 0.123 0.199 0.377 0.263 0.115 0.060 2013 0.150 -0.055 0.050 0	0.755 0.061 2014 0.008 0.204 0.092 0.118 0.377 0.133 0.377 0.267 0.110 0.061 1 targets for 2014 0.150 -0.074 0.814 0.776 0.233 0.199	0.755 0.062 2015 0.000 0.211 0.101 0.101 0.103 0.372 0.178 0.377 0.272 0.106 0.062 2015 0.150 -0.094 0.814 0.776 0.213 0.107	0.755 0.063 2016 0.000 0.218 0.106 0.103 0.405 0.146 0.172 0.393 0.260 0.103 0.063 mposting al  2016 0.150 -0.102 0.814 0.776 0.191 0.152	0.755 0.064 2017 -0.001 0.226 0.111 0.110 0.150 0.166 0.408 0.248 0.100 0.064 dr ecovery 2017 0.150 -0.111 0.814 0.776 0.131	0.755 0.065 0.061 2018 -0.002 0.234 0.116 0.091 0.432 0.159 0.423 0.236 0.095 for that yes  2018 0.150 -0.120 0.814 0.776 0.140 0.776 0.110	0.755 0.066 2019 -0.003 0.241 0.122 0.084 0.457 0.153 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.129	0.755 0.067 2020 0.250 0.127 0.461 0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.755 0.068 2021 -0.004 0.258 0.125 0.077 0.473 0.160 0.143 0.453 0.214 0.088 0.068	0.755 0.068 2022 -0.004 0.267 0.123 0.078 0.486 0.158 0.158 0.158 0.217 0.085 0.068	0.755 0.069 2023 -0.004 0.275 0.122 0.078 0.498 0.157 0.136 0.453 0.220 0.082 0.069  2023 0.150 -0.128 0.814 0.776 0.041	0.755 0.070 2024 -0.004 0.284 0.119 0.078 0.511 0.155 0.223 0.453 0.279 0.070 2024 0.150 -0.124 0.150 -0.126 0.150 -0.126
ASTE STREAM TON SW LATS sh Recyclin Recover In Recover Non-haz In Recover Non-haz In Recover Non-haz In Recover Inert land Recover Inert land Note: If If In I	increase if how much extra is landfilled above LATS target) ing and composing target expression and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned MSW and C&I recycling and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned MSW and C&I recycling and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned MSW and C&I recycling and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned C&I recycling capacity existing/planned bazardous waste recycling capacity existing/planned hazardous waste recycling capacity existing/planned hazardous waste recycling capacity existing/planned hazardous waste recycling capacity existing/planned bazardous waste recycling capacity existing/planned capacity		2006 -0.029 0.111 0.022 0.213 0.246 0.083 0.256 0.347 0.267 0.140 0.051 0.51 to sthat this control of the contr	2007 -0.024 0.120 0.028 0.206 0.264 0.086 0.249 0.355 0.653 0.633 0.137 0.052 sxtra waste nnes) 0.150 0.360 0.361 0.150 0.361 0.150 0.376 0.430 0.391	2008 -0.018 0.131 0.033 0.199 0.283 0.090 0.242 0.362 0.362 0.154 0.054 s recycled/d 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255	2009 -0.009 0.141 0.039 0.191 0.302 0.993 0.234 0.370 0.254 0.131 0.055 composted: 2009 0.150 0.017 0.814 0.776 0.371 0.3371 0.332 0.107 -0.262	2010 0.003 0.155 0.046 0.180 0.323 0.097 0.226 0.377 0.249 0.128 0.056 and recover  2010 0.150 0.007	2011 0.007 0.169 0.058 0.162 0.336 0.105 0.217 0.254 0.058 ed at the sa  2011 0.150 -0.013 0.814 0.776 0.310 0.814 0.776	2012 0.011 0.183 0.070 0.144 0.349 0.114 0.208 0.377 0.258 0.119 0.059 me ratio as  2012 0.150 -0.034 0.814 0.776 0.282 0.244 0.107	2013 0.015 0.197 0.082 0.126 0.363 0.123 0.199 0.377 0.263 0.115 0.060 the regional  2013 0.150 -0.055 0.814 0.776 0.255 0.216	2014 0.008 0.204 0.092 0.118 0.377 0.267 0.110 0.061 targets for  2014 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	2015 0.000 0.211 0.109 0.392 0.143 0.178 0.377 0.272 0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173	2016 0.000 0.218 0.106 0.103 0.406 0.103 0.406 0.172 0.393 0.260 0.063 mposting at  2016 0.150 -0.102 0.814 0.776 0.191 0.152	2017 -0.001 0.226 0.111 0.097 0.419 0.150 0.166 0.408 0.248 0.248 0.064 drecovery  2017 0.150 -0.111 0.814 0.776 0.170 0.131	2018 -0.002 0.234 0.114 0.116 0.091 0.432 0.236 0.423 0.236 0.097 0.065 for that yes 2018 0.150 -0.120 0.814 0.776 0.149 0.110	2019 -0.003 0.241 0.122 0.084 0.446 0.157 0.153 0.233 0.094 0.066 ar.  2019 0.150 -0.129 0.814 0.776 0.127	2020 -0.004 0.250 0.127 0.077 0.461 0.161 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.104	2021 -0.004 0.258 0.125 0.077 0.473 0.160 0.143 0.214 0.088 0.068	2022 -0.004 0.267 0.123 0.078 0.486 0.158 0.159 0.453 0.217 0.065 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.062	2023 -0.004 0.275 0.122 0.078 0.498 0.157 0.220 0.069  2023 0.150 -0.128 0.814 0.776 0.041 0.002	2024 -0.004 0.284 0.119 0.078 0.511 0.153 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
w LATS sh Recyclin Recover Non-hex Recyclin Recover Non-hex Recyclin Recover Recyclin Recover Inert lain Recover Total exi Surplus/ Surplus/ Surplus/ Surplus/ BD recovery Recover Inert lain Total exi Surplus/ Surplus/ BD recovery Recover Inert lain Total exi Surplus/ Surplus/ Surplus/ Inert lain Recover Inert lain Ine	increase if how much extra is landfilled above LATS target) ing and composing target expression and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned MSW and C&I recycling and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned MSW and C&I recycling and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned MSW and C&I recycling and composing capacity (Baseline: 20% of transfer capacity delivers recycling) existing/planned C&I recycling capacity existing/planned bazardous waste recycling capacity existing/planned hazardous waste recycling capacity existing/planned hazardous waste recycling capacity existing/planned hazardous waste recycling capacity existing/planned bazardous waste recycling capacity existing/planned capacity		-0.029 0.111 0.022 0.213 0.226 0.083 0.256 0.347 0.267 0.140 0.051 0.150 0.150 0.045 0.045 0.419 0.776 0.458 0.419 0.107 -0.240	-0.024 0.120 0.028 0.206 0.264 0.086 0.249 0.355 0.263 0.3137 0.052 extra waste nnes) 0.052 0.07 0.150 0.361 0.776 0.430 0.391 0.	-0.018 0.131 0.033 0.199 0.283 0.090 0.242 0.362 0.362 0.255 0.134 0.054 2008 0.150 0.027 0.817 0.010 0.027 0.817 0.401 0.362 0.362 0.401 0.362 0.150 0.401 0.362	-0.009 0.141 0.039 0.191 0.302 0.093 0.234 0.370 0.254 0.131 0.055 0000 0.150 0.017 0.814 0.776 0.371 0.381 0.372 0.107 0.262	0.003 0.155 0.046 0.180 0.323 0.097 0.229 0.377 0.249 0.128 0.056 and recover 2010 0.150 0.007 0.814 0.776 0.337 0.298	0.007 0.169 0.058 0.105 0.336 0.105 0.217 0.254 0.058 red at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.814 0.776 0.310	0.017 0.183 0.070 0.144 0.349 0.114 0.208 0.377 0.258 0.119 0.059 ume ratio as  2012 0.150 -0.034 0.814 0.776 0.282 0.244 0.107	0.015 0.197 0.082 0.126 0.363 0.123 0.193 0.377 0.263 0.115 0.060 the regional  0.150 -0.055  0.814 0.776 0.255 0.216 0.107	0.008 0.204 0.092 0.118 0.377 0.133 0.189 0.377 0.267 0.110 0.061 1 targets for  2014 0.150 -0.074 0.814 0.776 0.233 0.195	0.000 0.211 0.109 0.392 0.143 0.178 0.377 0.272 0.106 0.062 0.062 0.062 0.062 0.063 0.150 0.094 0.814 0.776 0.212 0.173	0.000 0.218 0.106 0.103 0.405 0.104 0.172 0.393 0.260 0.103 0.063 mposting at  2016 0.150 -0.102 0.814 0.776 0.191 0.152	-0.001 0.226 0.111 0.097 0.419 0.150 0.166 0.408 0.100 0.064 0.064 0.064 0.100 0.150 0.150 0.111 0.814 0.776 0.131	-0.002 0.234 0.116 0.091 0.432 0.154 0.159 0.423 0.236 0.097 0.065 of that yes	-0.003 0.241 0.122 0.084 0.446 0.157 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.727 0.088	-0.004 0.250 0.127 0.077 0.461 0.161 0.145 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104	-0.004 0.258 0.125 0.077 0.473 0.160 0.143 0.453 0.214 0.088 0.068 2021 0.150 -0.135 0.814 0.776 0.083	-0.004 0.267 0.123 0.078 0.486 0.158 0.158 0.159 0.485 0.217 0.085 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.062	-0.004 0.275 0.122 0.078 0.498 0.157 0.136 0.453 0.220 0.082 0.069  2023 0.150 -0.128 0.814 0.776 0.041 0.002	-0.004 0.284 0.119 0.078 0.511 0.155 0.133 0.453 0.029 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Recyclin Recover Non-haz Recyclin Recover Non-haz Recyclin Recover Non-haz Recyclin Recover Non-haz Recover Recover Non-haz Recover Non-haz Recover Non-haz Recover Total extrate Non-haz Recover Recover Non-haz Recover Recover Non-haz Reco	ing and composting target yor target zardous landfill ng and composting target yor target zardous landfill ng and composting target yor target zardous landfill ng and composting target yor target didfill ous waste  Ithere is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n I CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS TO wishing/planned MSW and C&I recovery capacity ideficit capacity ng and composting ng and composting ng and composting sisting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) visiting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) visiting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) visiting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) visiting/planned C&D recycling capacity videficit capacity		0.1111 0.022 0.213 0.246 0.083 0.256 0.347 0.267 0.140 0.051 ss that this ( (Million To 2006) 0.140 0.054 0.150 0.150 0.150 0.141 0.776 0.458 0.419 0.107 -0.240	0.120 0.028 0.206 0.264 0.086 0.249 0.355 0.137 0.052 extra waste nnes) 2007 0.150 0.391 0.430 0.391 0.107 0.247	0.131 0.033 0.199 0.283 0.090 0.242 0.362 0.258 0.134 0.054 is recycled/c 2008 0.152 0.027 0.814 0.776 0.401 0.362 0.107 -0.255	0.141 0.039 0.191 0.302 0.093 0.234 0.370 0.254 0.131 0.055 composted : 2009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 0.254	0.155 0.046 0.180 0.323 0.097 0.226 0.377 0.229 0.128 0.056 and recover  2010 0.150 0.007 0.814 0.776 0.337 0.298	0.169 0.058 0.162 0.336 0.105 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.271	0.183 0.070 0.144 0.349 0.114 0.208 0.377 0.258 0.119 0.059 me ratio as 2012 0.150 -0.034 0.814 0.776 0.282 0.244	0.197 0.082 0.126 0.363 0.123 0.199 0.377 0.263 0.115 0.060 10.150 -0.055 0.814 0.776 0.255 0.216	0.204 0.092 0.118 0.377 0.133 0.189 0.377 0.160 0.061 1 targets for  2014 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	0.211 0.101 0.109 0.392 0.143 0.377 0.272 0.106 0.062 vecycling/co	0.218 0.108 0.103 0.405 0.146 0.172 0.393 0.260 0.103 0.063 0.063 amposting an  2016 0.150 -0.102 0.814 0.776 0.796 0.152 0.107	0.226 0.111 0.097 0.419 0.150 0.166 0.408 0.248 0.100 0.064 dd recovery 2017 0.150 -0.111 0.814 0.776 0.131	0.234 0.116 0.091 0.432 0.159 0.423 0.236 0.097 0.065 for that yes  2018 0.150 -0.120 0.814 0.776 0.149 0.110	0.241 0.122 0.084 0.446 0.157 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.727 0.088	0.250 0.127 0.077 0.461 0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 0.138 0.814 0.776 0.104 0.065	0.258 0.125 0.077 0.473 0.160 0.143 0.453 0.214 0.088 0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.267 0.123 0.078 0.486 0.158 0.159 0.453 0.217 0.065 0.068	0.275 0.122 0.078 0.498 0.157 0.136 0.453 0.220 0.082 0.069  2023 0.150 -0.128 0.814 0.776 0.041 0.002	0.284 0.119 0.078 0.511 0.155 0.133 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Recover Non-haz Recyclin Recyclin Recyclin Recover Recover Recover Inet lan Recyclin Recyclin Recover Recover Recover Recover Recover Recover Recover Total ex Surplus/ SW and C&I recoven Total ex Surplus/ SW and C&I recoven Total ex Surplus/ SW and C&I recoven Total ex Surplus/ SD recovery Recover Rec	ary target zardous landfill ng and composting target yet target zardous landfill ng target yet target zardous landfill ng target yet target yet target zardous landfill ng target yet target zardous sandfill ng target yet target Zardous Sandfill ng target yet target Zardous Sandfill NCAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS  TO  Yet target yet target yet deficit capacity yet and composting g and composting yet and composting yet and composting yet target yet		0.022 0.213 0.246 0.083 0.256 0.347 0.267 0.140 0.051 es that this e (Million To 2006 0.150 0.045 0.776 0.488 0.419 0.107 -0.240	0.028 0.206 0.264 0.086 0.249 0.355 0.263 0.137 0.052 extra waste 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.033 0.199 0.283 0.090 0.242 0.362 0.258 0.134 0.054 is recycled/c 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255	0.039 0.191 0.302 0.993 0.234 0.370 0.254 0.131 0.055 0.009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262	0.046 0.180 0.323 0.097 0.226 0.377 0.249 0.128 0.056 and recover 2010 0.150 0.007 0.814 0.750 0.337 0.298	0.058 0.162 0.336 0.105 0.217 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.750 0.310 0.271	0.070 0.144 0.349 0.114 0.208 0.377 0.258 0.119 0.059 Ime ratio as 2012 0.150 -0.034 0.814 0.756 0.282 0.244	0.082 0.126 0.363 0.123 0.199 0.377 0.263 0.115 0.060 the regional 2013 0.150 -0.055 0.814 0.756 0.255 0.216	0.092 0.118 0.377 0.133 0.189 0.377 0.267 0.110 0.061 1 targets for 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	0.101 0.109 0.392 0.143 0.178 0.377 0.272 0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173	0.106 0.103 0.405 0.146 0.172 0.393 0.260 0.103 mposting al 2016 0.150 -0.102 0.814 0.776 0.191 0.152	0.111 0.097 0.419 0.150 0.166 0.408 0.248 0.100 0.064 nd recovery 2017 0.150 -0.111 0.814 0.776 0.170 0.131	0.116 0.091 0.432 0.154 0.159 0.423 0.236 0.097 0.065 for that yes 2018 0.150 -0.120 0.814 0.776 0.149 0.110	0.122 0.084 0.446 0.157 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.77 0.088	0.127 0.077 0.461 0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.125 0.077 0.473 0.160 0.143 0.453 0.214 0.088 0.068 0.068	0.123 0.078 0.486 0.159 0.453 0.217 0.085 0.068 0.150 0.068	0.122 0.078 0.498 0.157 0.136 0.453 0.220 0.069 2023 0.150 -0.128 0.814 0.776 0.041	0.119 0.078 0.511 0.155 0.133 0.453 0.0293 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
i Non-haz i Recyclin Recover Non-haz d Recyclin Recover Inert Ian Hazardo Nos-haz Hazardo Haza	zardous landfill ng pand composting target ryl target zardous landfill ng target zardous landfill ng target ryl target there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n  CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS  TY visiting/planned MSW and C&I recovery capacity videficit capacity ng and composting ng and composting sisting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) visiting/planned MSW and C&I recycling and composting capacity (Senstitivity: 5% of transfer capacity delivers recycling) videficit capacity videficit capacity (Saseline: 20% of transfer capacity delivers recycling) videficit capacity		0.213 0.246 0.083 0.256 0.347 0.267 0.140 0.051 es that this 6 2006 0.150 0.045 0.160 0.160 0.176 0.176 0.459 0.176 0.459 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176	0.206 0.264 0.086 0.249 0.355 0.263 0.137 0.052 extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.199 0.283 0.090 0.242 0.362 0.258 0.134 0.054 0.054 is recycled/s 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 0.255	0.191 0.302 0.093 0.234 0.370 0.254 0.131 0.305 composted 0.0150 0.017 0.814 0.776 0.371 0.332 0.107 0.262	0.180 0.323 0.097 0.226 0.377 0.229 0.128 0.056 and recover  2010 0.150 0.007 0.814 0.776 0.337 0.298	0.162 0.336 0.105 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.271	0.144 0.349 0.114 0.208 0.377 0.258 0.119 0.059 ome ratio as 2012 0.150 -0.034 0.814 0.776 0.282 0.224 0.107	0.126 0.363 0.123 0.199 0.377 0.263 0.115 0.060 0.060 the regional  0.150 -0.055  0.814 0.776 0.255 0.216	0.118 0.377 0.133 0.189 0.377 0.267 0.110 0.061 0.061 0.101 0.150 0.074 0.814 0.776 0.233 0.195 0.107	0.109 0.392 0.143 0.178 0.377 0.272 0.106 0.062 2015 0.150 -0.094 0.814 0.776 0.212 0.173	0.103 0.405 0.146 0.172 0.393 0.260 0.103 0.063 mposting at 2016 0.150 -0.102 0.814 0.776 0.191 0.152	0.097 0.419 0.150 0.166 0.408 0.248 0.209 0.064 nd recovery  2017 0.150 -0.111 0.814 0.776 0.170 0.131	0.091 0.432 0.154 0.159 0.423 0.236 0.097 0.065 for that yes  0.150 -0.120 0.814 0.776 0.149 0.110 0.107	0.084 0.446 0.157 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.127 0.088	0.077 0.461 0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.077 0.473 0.160 0.143 0.453 0.214 0.088 0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.078 0.486 0.158 0.139 0.453 0.217 0.085 0.068	0.078 0.498 0.157 0.136 0.453 0.220 0.082 0.069  2023 0.150 -0.128 0.814 0.776 0.041	0.078 0.511 0.155 0.133 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
ii Recyclin Recyclin Recover Non-haz Recyclin Recover Inert Iain Iain Iain Iain Iain Iain Iain Iain	ing and composting target eye trace to a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the net of CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSITY of the composting capacity of the composting graph of the composting and composting and composting graph of the composting graph of the composting capacity (Baseline: 20% of transfer capacity delivers recycling) wisting planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) wisting planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) wisting planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) wisting planned C&I recycling capacity delivers recycling)  WAL total existing/planned C&D recovery capacity wideficit capacity  WAL total existing/planned C&D recovery capacity  Wideficit capacity  Wideficit capacity  Wideficit capacity  Wideficit capacity		0.246 0.083 0.256 0.347 0.051 0.051 0.051 0.051 0.051 0.045 0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.264 0.086 0.249 0.355 0.263 0.137 0.052 swtra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 0.247	0.283 0.900 0.242 0.362 0.258 0.134 0.054 is recycled/d 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255	0.302 0.993 0.234 0.370 0.254 0.131 0.055 composted : 2009 0.150 0.017 0.814 0.771 0.332 0.107 -0.262	0.323 0.097 0.226 0.377 0.249 0.128 0.056 and recover 2010 0.150 0.007 0.814 0.750 0.337 0.298	0.336 0.105 0.217 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.706 0.310 0.271	0.349 0.114 0.208 0.377 0.258 0.119 0.059 ime ratio as  2012 0.150 -0.034 0.814 0.776 0.282 0.244 0.107	0.363 0.123 0.199 0.377 0.263 0.115 0.060 the regional 2013 0.150 -0.055 0.814 0.755 0.255 0.216	0.377 0.133 0.189 0.377 0.267 0.110 0.061 1 targets for  2014 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	0.392 0.143 0.178 0.377 0.272 0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.773 0.173	0.405 0.146 0.172 0.393 0.260 0.063 mposting ar 2016 0.150 -0.102 0.814 0.791 0.152 0.107	0.419 0.150 0.166 0.408 0.248 0.248 0.064 dr ecovery  2017 0.150 -0.111 0.814 0.776 0.131	0.432 0.154 0.159 0.423 0.236 0.097 0.065 for that yes 2018 0.150 -0.120 0.814 0.749 0.110	0.446 0.157 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.127 0.088	0.461 0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104	0.473 0.160 0.143 0.453 0.214 0.068 0.068 0.068 0.150 -0.135 0.814 0.776 0.083 0.045	0.486 0.158 0.139 0.453 0.217 0.085 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.024	0.498 0.157 0.136 0.453 0.220 0.082 0.069 2023 0.150 -0.128 0.814 0.776 0.041	0.511 0.155 0.133 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Recovery Non-haz d Recyclin Recover Recovery Surplus W and C&I recovery Surplus W and C&I recyclin Total exi Surplus D recycling Total exi Surplus D recovery REGION Surplus Zardous waste recyc Total exi Surplus Accovery Surplus D recovery Surplus Accovery Surplus D recovery Surplus Accovery Total exi Surplus D recovery Surplus Accovery Total exi Surplus Accovery Accover	rry target zardous landfill not target regardous landfill not staget rely target and there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the not capacity from the result of the result o		0.083 0.266 0.347 0.267 0.140 0.051 ss that this 6 (Million To 2006 0.150 0.458 0.419 0.107 -0.240 1.794 1.527	0.086 0.249 0.355 0.263 0.137 0.052 extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.090 0.242 0.382 0.258 0.134 0.054 is recycled/c 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 0.255	0.093 0.234 0.370 0.254 0.131 0.055 composted 2009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262	0.097 0.226 0.377 0.249 0.128 0.056 and recover 2010 0.150 0.007 0.814 0.776 0.337 0.298	0.105 0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.271	0.114 0.208 0.377 0.258 0.119 0.059 me ratio as 2012 0.150 -0.034 0.814 0.776 0.282 0.244	0.123 0.199 0.377 0.263 0.115 0.060 the regional 2013 0.150 -0.055 0.814 0.776 0.255 0.216 0.107	0.133 0.189 0.377 0.267 0.110 0.061 1 targets for 2014 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	0.143 0.178 0.377 0.272 0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173	0.146 0.172 0.393 0.260 0.103 0.063 mposting at 2016 0.150 -0.102 0.814 0.776 0.191 0.152	0.150 0.166 0.408 0.248 0.100 0.064 dd recovery 2017 0.150 -0.111 0.814 0.776 0.170 0.131	0.154 0.159 0.423 0.236 0.097 0.065 for that yes 2018 0.150 -0.120 0.814 0.776 0.149 0.110	0.157 0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.127 0.088	0.161 0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.160 0.143 0.453 0.214 0.088 0.068 0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.158 0.139 0.453 0.217 0.085 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.024	0.157 0.136 0.453 0.220 0.082 0.069 2023 0.150 -0.128 0.814 0.776 0.041	0.155 0.133 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Non-haz I Recover I Total exi I Recover I Re	zardous landfill ng target rry target ndfill ous waste there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n PCAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS TY wisting/planned MSW and C&I recovery capacity 'deficit capacity grad composting and composting asting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling) videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling) videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling) videficit capacity Videficit capacity NAL total existing/planned C&D recovery capacity Videficit capacity		0.256 0.347 0.267 0.140 0.051 es that this e (Million To 2006 0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.249 0.355 0.263 0.137 0.052 extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.242 0.362 0.258 0.134 0.054 is recycled/o 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255 1.627	0.234 0.370 0.254 0.131 0.055 00mposted 0.0150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262	0.226 0.377 0.249 0.128 0.056 and recover  2010 0.150 0.007 0.814 0.776 0.337 0.298	0.217 0.377 0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.271	0.208 0.377 0.258 0.119 0.059 ume ratio as  2012 0.150 -0.034 0.814 0.776 0.282 0.244 0.107	0.199 0.377 0.263 0.115 0.060 the regional 2013 0.150 -0.055 0.814 0.776 0.255 0.216	0.189 0.377 0.267 0.110 0.061 l targets for 2014 0.150 -0.074 0.814 0.776 0.233 0.195	0.178 0.377 0.272 0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173	0.172 0.393 0.260 0.103 0.063 mposting at  2016 0.150 -0.102 0.814 0.776 0.191 0.152 0.107	0.166 0.408 0.248 0.208 0.100 0.064 nd recovery  2017  0.150 -0.111  0.814 0.776 0.170 0.131  0.107	0.159 0.423 0.236 0.097 0.065 for that yes  2018 0.150 -0.120 0.814 0.776 0.149 0.110 0.107	0.153 0.438 0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.127 0.088 0.107	0.146 0.453 0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.143 0.453 0.214 0.088 0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.139 0.453 0.217 0.085 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.024	0.136 0.453 0.220 0.082 0.069 2023 0.150 -0.128 0.814 0.776 0.041	0.133 0.453 0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Recover Inert lan ardous Hazardo Note: lift I STING/PLANNED I W and C&I recover Total exi Total exi Total exi Surplus/ D recycling Total exi Surplus/ D recovery REGION Surplus/ Cardous waste recyc Total exi Surplus/ Lardous waste recyc	rry target  doffill  ous waste  'there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n  CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS  TY  wisting/planned MSW and C&I recovery capacity  videficit capacity  rg and composting  visting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  videficit capacity  Videficit capacity  NAL total existing/planned C&D recovery capacity  videficit capacity		0.267 0.140 0.051 es that this e (Million To 2006 0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.263 0.137 0.0552 extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.258 0.134 0.054 0.054 is recycled/s 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255 1.627	0.254 0.131 0.055 composted 2009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262	0.249 0.128 0.056 and recover 2010 0.150 0.007 0.814 0.776 0.337 0.298 0.107	0.254 0.124 0.058 ed at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.271 0.107	0.258 0.119 0.059 ime ratio as 2012 0.150 -0.034 0.814 0.776 0.282 0.244 0.107	0.263 0.115 0.060 the regional 2013 0.150 -0.055 0.814 0.776 0.255 0.216 0.107	0.267 0.110 0.061 l targets for 2014 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	0.272 0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173 0.107	0.260 0.103 0.063 mposting al 2016 0.150 -0.102 0.814 0.776 0.191 0.152 0.107	0.248 0.100 0.064 nd recovery 2017 0.150 -0.111 0.814 0.776 0.170 0.131 0.107	0.236 0.097 0.065 for that yes 2018 0.150 -0.120 0.814 0.776 0.149 0.110	0.223 0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.127 0.088	0.211 0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.214 0.088 0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.217 0.085 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.024	0.220 0.082 0.069 2023 0.150 -0.128 0.814 0.776 0.041 0.002	0.223 0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Inert Ian Hazardous  Inert Ian Hazardous  Note: If the STING/PLANNED of Total exis Surplus/ W and C&I recover, Total exis Surplus/ Total exis Surplus/ O recycling Total exis Surplus/ O recovery REGION Surplus/ ardous waste recyc Total exis surplus/ hazardous landfill	Indifficus waste  I there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the note of the process of the		0.140 0.051 se that this e (Million To 2006 0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.137 0.052 extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.134 0.054 is recycled/s 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255 1.627	0.131 0.055 composted of the properties of the	0.128 0.056 and recover 2010 0.150 0.007 0.814 0.776 0.337 0.298 0.107	0.124 0.058 red at the sa 2011 0.150 -0.013 0.814 0.776 0.310 0.271	0.119 0.059 ame ratio as 2012 0.150 -0.034 0.814 0.776 0.282 0.244 0.107	0.115 0.060 the regional 2013 0.150 -0.055 0.814 0.776 0.255 0.216	0.110 0.061 I targets for 2014 0.150 -0.074 0.814 0.776 0.233 0.195	0.106 0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173	0.103 0.063 mposting al 2016 0.150 -0.102 0.814 0.776 0.191 0.152	0.100 0.064 nd recovery 2017 0.150 -0.111 0.814 0.776 0.170 0.131	0.097 0.065 for that yes 2018 0.150 -0.120 0.814 0.776 0.149 0.110 0.107	0.094 0.066 ar. 2019 0.150 -0.129 0.814 0.776 0.127 0.088	0.091 0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.088 0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.085 0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.024	0.082 0.069 2023 0.150 -0.128 0.814 0.776 0.041 0.002	0.079 0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
ardous Hazardo Note: Irl  STING/PLANNED I Nand C&I recovery Total existropy REGION Sumplus/ O recovery REGION Sumplus/ ardous waste recy Total existropy Total existropy Ardous waste recy Total existropy Tot	ous waste there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n  CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS  Ty  visting/planned MSW and C&I recovery capacity visiting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) visting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) visting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) videficit capacity (Baseline: 20% for transfer capacity delivers recycling) videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling) visting/planned C&D recycling capacity videficit capacity		0.051 es that this 6 (Million To 2006  0.150 0.045  0.814 0.776 0.459 0.419 1.794 1.527	0.052 extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.054 is recycled/d 2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255	0.055 composted	0.056 and recover  2010  0.150 0.007  0.814 0.776 0.337 0.298  0.107	0.058 ed at the sa  2011  0.150 -0.013  0.814 0.776 0.310 0.271  0.107	0.059 Ime ratio as  2012  0.150 -0.034  0.814  0.776  0.282  0.244  0.107	0.060 the regional 2013 0.150 -0.055 0.814 0.776 0.255 0.216	0.061 targets for 2014 0.150 -0.074 0.814 0.776 0.233 0.195	0.062 recycling/co 2015 0.150 -0.094 0.814 0.776 0.212 0.173	0.063 mposting an 2016 0.150 -0.102 0.814 0.776 0.191 0.152 0.107	0.064 nd recovery 2017 0.150 -0.111 0.814 0.776 0.170 0.131	0.065 for that year 2018 0.150 -0.120 0.814 0.776 0.149 0.110	0.066 ar.  2019  0.150 -0.129  0.814 0.776 0.127 0.088  0.107	0.067 2020 0.150 -0.138 0.814 0.776 0.104 0.065	0.068 2021 0.150 -0.135 0.814 0.776 0.083 0.045	0.068 2022 0.150 -0.132 0.814 0.776 0.062 0.024	0.069 2023 0.150 -0.128 0.814 0.776 0.041 0.002	0.070 2024 0.150 -0.124 0.814 0.776 0.019 -0.020
Note: If it STING/PLANNED it W and C&I recovery Total exisurplus/ W and C&I recycling Total exisurplus/ Total exisurplus/ O recycling Total exisurplus/ O recovery REGION Surplus/ ardous waste recycling ardo	there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the not CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSITY wisting/planned MSW and C&I recovery capacity defect capacity graph of the composting capacity (Baseline: 20% of transfer capacity delivers recycling) wisting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling) wisting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) wisting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) wisting/planned C&D recycling capacity delivers recycling) wisting/planned C&D recycling capacity delivers recycling wisting/planned C&D recycling capacity delivers recycling delivers recycling delivers recycling wisting/planned C&D recycling capacity wideficit capacity.		es that this e (Million To) 2006 0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	extra waste nnes) 2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	2008 0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255 1.627	2009 0.150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262	2010 0.150 0.007 0.814 0.776 0.337 0.298 0.107	2011 0.150 -0.013 0.814 0.776 0.310 0.271 0.107	2012 0.150 -0.034 0.814 0.776 0.282 0.244	2013 0.150 -0.055 0.814 0.776 0.255 0.216	2014 0.150 -0.074 0.814 0.776 0.233 0.195 0.107	2015 0.150 -0.094 0.814 0.776 0.212 0.173	2016 0.150 -0.102 0.814 0.776 0.191 0.152 0.107	2017 0.150 -0.111 0.814 0.776 0.170 0.131 0.107	2018 0.150 -0.120 0.814 0.776 0.149 0.110	2019 0.150 -0.129 0.814 0.776 0.127 0.088	0.150 -0.138 0.814 0.776 0.104 0.065	2021 0.150 -0.135 0.814 0.776 0.083 0.045	2022 0.150 -0.132 0.814 0.776 0.062 0.024	2023 0.150 -0.128 0.814 0.776 0.041 0.002	0.150 -0.124 0.814 0.776 0.019 -0.020
W and C&I recovery Total exists Surplus/ W and C&I recycling Total exists Total exists Surplus/ D recycling Total exists Surplus/ O recovery REGION Surplus/ Surplus/ ardous waste recyc Total exists Surplus/ Ardous waste recyc	ry	OSAL ROUTE (I	0.150 0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	2007 0.150 0.036 0.814 0.776 0.430 0.391 0.107 -0.247	0.150 0.027 0.814 0.776 0.401 0.362 0.107 -0.255	0.150 0.017 0.814 0.776 0.371 0.332 0.107 -0.262	0.150 0.007 0.814 0.776 0.337 0.298	0.150 -0.013 0.814 0.776 0.310 0.271	0.150 -0.034 0.814 0.776 0.282 0.244 0.107	0.150 -0.055 0.814 0.776 0.255 0.216	0.150 -0.074 0.814 0.776 0.233 0.195	0.150 -0.094 0.814 0.776 0.212 0.173	0.150 -0.102 0.814 0.776 0.191 0.152 0.107	0.150 -0.111 0.814 0.776 0.170 0.131	0.150 -0.120 0.814 0.776 0.149 0.110	0.150 -0.129 0.814 0.776 0.127 0.088 0.107	0.150 -0.138 0.814 0.776 0.104 0.065	0.150 -0.135 0.814 0.776 0.083 0.045	0.150 -0.132 0.814 0.776 0.062 0.024	0.150 -0.128 0.814 0.776 0.041 0.002	0.150 -0.124 0.814 0.776 0.019 -0.020
Total ex Surplus/ W and C&I recycling Total ex Surplus/ O recycling Total ex Surplus/ O recovery REGION Surplus/ ardous waste recyc Total ex Surplus/	xisting/planned MSW and C&I recovery capacity  idefloit capacity  grand composting  siting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  xisting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  idefloit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  xisting/planned C&D recycling capacity  idefloit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  xisting/planned C&D recycling capacity  idefloit capacity  XIAL total existing/planned C&D recovery capacity  idefloit capacity  xidefloit capacity		0.045 0.814 0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.036 0.814 0.776 0.430 0.391 0.107 -0.247 1.710	0.027 0.814 0.776 0.401 0.362 0.107 -0.255 1.627	0.017 0.814 0.776 0.371 0.332 0.107 -0.262 1.544	0.007 0.814 0.776 0.337 0.298	-0.013 0.814 0.776 0.310 0.271 0.107	-0.034 0.814 0.776 0.282 0.244 0.107	-0.055 0.814 0.776 0.255 0.216 0.107	-0.074 0.814 0.776 0.233 0.195 0.107	-0.094 0.814 0.776 0.212 0.173	-0.102 0.814 0.776 0.191 0.152 0.107	-0.111 0.814 0.776 0.170 0.131 0.107	-0.120 0.814 0.776 0.149 0.110 0.107	-0.129 0.814 0.776 0.127 0.088 0.107	-0.138 0.814 0.776 0.104 0.065	-0.135 0.814 0.776 0.083 0.045	-0.132 0.814 0.776 0.062 0.024	-0.128 0.814 0.776 0.041 0.002	-0.124 0.814 0.776 0.019 -0.020
Total exi Total exi Surplus/ Surplus/ Precycling Total exi Surplus/ Precycling Surplus/ Precycling Ardous waste recyc Total exi Surplus/ ardous waste recyc Total exi Surplus/ hazardous landfill	xisting/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  xisting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  xideflicit capacity (Baseline: 20% of transfer capacity delivers recycling)  xideflicit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  xisting/planned C&D recycling capacity  xideflicit capacity  XNAL total existing/planned C&D recovery capacity  xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity xideflicit capacity		0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.776 0.430 0.391 0.107 -0.247	0.776 0.401 0.362 0.107 -0.255	0.776 0.371 0.332 0.107 -0.262	0.776 0.337 0.298	0.776 0.310 0.271 0.107	0.776 0.282 0.244 0.107	0.776 0.255 0.216 0.107	0.776 0.233 0.195	0.776 0.212 0.173	0.776 0.191 0.152 0.107	0.776 0.170 0.131 0.107	0.776 0.149 0.110 0.107	0.776 0.127 0.088 0.107	0.776 0.104 0.065	0.776 0.083 0.045	0.776 0.062 0.024	0.776 0.041 0.002	0.776 0.019 -0.020
Total exi Surplus/ recycling Total exi Surplus/ recovery REGION Surplus/ ardous waste recy Total exi Surplus/ ardous waste rocy Total exi Surplus/ ardous waste rocy Total exi Surplus/ ardous waste rocy Total exi Surplus/	xisting/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) zideficit capacity (Baseline: 20% of transfer capacity delivers recycling) zideficit capacity (Sensitivity: 5% of transfer capacity delivers recycling) xisting/planned C&D recycling capacity ideficit capacity ANAL total existing/planned C&D recovery capacity zideficit capacity		0.776 0.458 0.419 0.107 -0.240 1.794 1.527	0.776 0.430 0.391 0.107 -0.247	0.776 0.401 0.362 0.107 -0.255	0.776 0.371 0.332 0.107 -0.262	0.776 0.337 0.298	0.776 0.310 0.271 0.107	0.776 0.282 0.244 0.107	0.776 0.255 0.216 0.107	0.776 0.233 0.195	0.776 0.212 0.173	0.776 0.191 0.152 0.107	0.776 0.170 0.131 0.107	0.776 0.149 0.110 0.107	0.776 0.127 0.088 0.107	0.776 0.104 0.065	0.776 0.083 0.045	0.776 0.062 0.024	0.776 0.041 0.002	0.776 0.019 -0.020
Surplus/ Surplus/ D recycling Total exisurplus/ D recovery REGION ardous waste recyc Total exisurplus/ ardous waste recyc Total exisurplus/ ardous waste recoven Total exisurplus/ ardous waste recoven Total exisurplus/	videficit capacity (Baseline: 20% of transfer capacity delivers recycling) videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling) visting/planned C&D recycling capacity videficit capacity  NAL total existing/planned C&D recovery capacity videficit capacity viewry		0.458 0.419 0.107 -0.240 1.794 1.527	0.430 0.391 0.107 -0.247	0.401 0.362 0.107 -0.255	0.371 0.332 0.107 -0.262	0.337 0.298 0.107	0.310 0.271 0.107	0.282 0.244 0.107	0.255 0.216	0.233 0.195 0.107	0.212 0.173 0.107	0.191 0.152 0.107	0.170 0.131 0.107	0.149 0.110 0.107	0.127 0.088 0.107	0.104 0.065	0.083 0.045	0.062 0.024	0.041 0.002	0.019
O recycling Total exi Surplus/ O recovery REGION Surplus/ ardous waste recyc Total exi Surplus/ ardous waste recyc Total exi Surplus/ -hazardous landfili	videficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)  visiting/planned C&D recycling capacity  videficit capacity  NAL total existing/planned C&D recovery capacity  videficit capacity		0.419 0.107 -0.240 1.794 1.527	0.391 0.107 -0.247 1.710	0.362 0.107 -0.255 1.627	0.332 0.107 -0.262 1.544	0.298	0.271	0.244	0.216	0.195	0.173	0.152	0.131	0.110	0.088	0.065	0.045	0.024	0.002	-0.020
Total existre	xisting/planned C&D recycling capacity ideficit capacity  NAL total existing/planned C&D recovery capacity ideficit capacity ciding using/planned hazardous waste recycling capacity ideficit capacity videficit capacity videficit capacity very		-0.240 1.794 1.527	1.710	-0.255 1.627	-0.262 1.544	0.107	0.107		0.107				0.107			0.107	0 107	0.407		
Surplus/ Precovery REGION Surplus/ ardous waste recov Total exi Surplus/ ardous waste recov Total exi Surplus/ -hazardous landfill	NAL total existing/planned C&D recovery capacity //deficit capacity		-0.240 1.794 1.527	1.710	-0.255 1.627	-0.262 1.544											0.107	0 107	0.407	0.107	
REGION Surplus/ ardous waste recyc Total exi Surplus/ ardous waste recon Total exi Surplus/ ardous waste recon Total exi Surplus/	NAL total existing/planned C&D recovery capacity  ⊌deficit capacity  rding  sisting/planned hazardous waste recycling capacity  ideficit capacity  very		1.794 1.527	1.710	1.627	1.544	0.270	0.270	0.270			-0.270	-0.285	-0.300	-0.315	-0.330	-0.345	-0.345	0.107 -0.345	-0.345	0.107
Surplus/ ardous waste recyc Total exi Surplus/ ardous waste recov Total exi Surplus/ hazardous landfill	s/deficit capacity //cling asting/planned hazardous waste recycling capacity //deficit capacity		1.527																		
rdous waste recyc Total exi Surplus/ rdous waste recov Total exi Surplus/ nazardous landfill	rcling wisting/planned hazardous waste recycling capacity s/deficit capacity very			1.448	1.369		1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
Total exi Surplus/ rdous waste recov Total exi Surplus/ hazardous landfill	xisting/planned hazardous waste recycling capacity ideficit capacity very		0.000			1.290	1.211	1.186	1.160	1.135	1.109	1.084	1.065	1.046	1.026	1.007	0.988	1.006	1.024	1.041	1.059
Surplus/ ardous waste recov Total exi Surplus/ hazardous landfill	s/deficit capacity overy			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total exi Surplus/ hazardous landfill			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/ -hazardous landfill																					
n-hazardous landfill	xisting/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	s/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	il ele non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		11.110	10.261	9 428	8 612	7.813	7.036	6 296	5 593	4 929	4 294	3 690	3.100	2 527	1 969	1 428	0.903	0.382	-0.136	-0.651
	ele non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.096	10.231	9.381	8.546	7.728	6.929	6.164	5.434	4.738	4.070	3.429	2.802	2.189	1.591	1.008	0.440	-0.124	-0.684	-1.240
	ele non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		11.053	10.142	9.242	8.353	7.476	6.614	5.778	4.966	4.181	3.414	2.665	1.927	1.200	0.483	-0.223	-0.918	-1.607	-2.291	-2.970
	ble non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		11.099	10.237	9.390	8.559	7.745	6.950	6.190	5.466	4.776	4.115	3.481	2.862	2.257	1.667	1.092	0.533	-0.023	-0.574	-1.122
Available t landfill	ele non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		11.067	10.170	9.286	8.414	7.556	6.714	5.900	5.115	4.358	3.622	2.908	2.206	1.515	0.836	0.169	-0.485	-1.135	-1.780	-2.420
	ole inert landfill capacity		4.132	3.992	3.854	3.720	3.589	3.460	3.336	3.217	3.102	2.992	2.886	2.784	2.684	2.587	2.494	2.403	2.316	2.231	2.150
	le inert landfill capacity le inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		4.132	3.961	3.807	3.720	3.503	3.400	3.330	3.058	2.912	2.552	2.626	2.704	2.347	2.307	2.434	1.940	1.810	1.683	1.560
ardous landfill	, , , , , , , , , , , , , , , , , , , ,																				
	ele hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Note: Th	he model does not contain data for the management of hazardous waste.																				
TA 01: ARISINGS	S AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
/ Arisings	s of MSW in baseline year																				
	st regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	st regional level growth rate of MSW - cumulative (%)	109% 0.337	112%	115% 0.354	118%	121%	124% 0.382	126% 0.389	129% 0.397	131% 0.405	134% 0.413	136% 0.421	139% 0.428	141% 0.434	143% 0.441	145% 0.447	147% 0.454	149% 0.461	151% 0.468	154% 0.475	156% 0.482
	risings of MSW using regional growth forecasts st sub-regional growth rate of MSW - per year (%)	3.0%	0.346 2.5%	2.5%	0.363	0.372 2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	st sub-regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%
	risings of MSW using sub-regional growth forecasts	0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482
	s of C&I in baseline year																				
	st regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(1) Forecast	st regional level growth rate of C&I - cumulative (%) risings of C&I using regional growth forecasts	117% 0.571	120% 0.585	123% 0.599	126% 0.614	130% 0.630	133% 0.646	136% 0.658	138% 0.672	141% 0.685	144% 0.699	147% 0.713	149% 0.723	151% 0.734	153% 0.745	156% 0.756	158% 0.768	160% 0.776	161% 0.783	163% 0.791	164% 0.799
	risings of C&I using regional growth forecasts st sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	st sub-regional level growth rate of C&I - per year (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%
	risings of C&I using sub-regional growth forecasts	0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799
rdous Arisings	s of hazardous waste in baseline year																				
	st regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	st regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%
	risings of hazardous waste st sub-regional level growth rate of hazardous waste - per year (%)	0.050	0.051 2.5%	0.052 2.5%	0.054 2.5%	0.055 2.5%	0.056 2.5%	0.058	0.059 2.0%	0.060 2.0%	2.0%	2.0%	0.063	0.064 1.5%	0.065	0.066	0.067	0.068	0.068	0.069	0.070
	st sub-regional level growth rate of nazardous waste - per year (%) st sub regional level growth rate of hazardous waste - cumulative (%)	3.3% 107%	109%	112%	2.5% 115%	118%	2.5% 121%	123%	126%	128%	131%	133%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	risings of hazardous waste	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070
Total ma	nanaged C&D in baseline year																				
	lariaged C&D in baseline year		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	lanaged C&D in baseline year t regional-level growth rate of managed C&D - per year (%) st regional-level growth rate of managed C&D - cumulative (%)	0.0%	100%	100%	100%			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

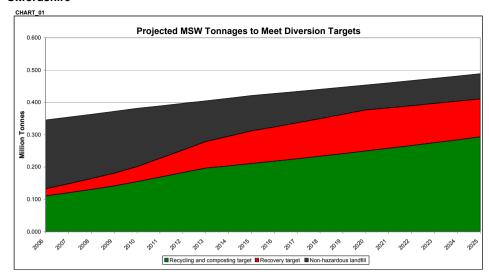
DATA_02: I	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c8	i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%
	1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.299	0.292	0.284	0.277	0.269	0.262	0.247	0.233	0.218	0.203	0.189	0.181	0.173	0.165	0.157	0.150	0.146	0.143	0.139	0.136	0.133
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083

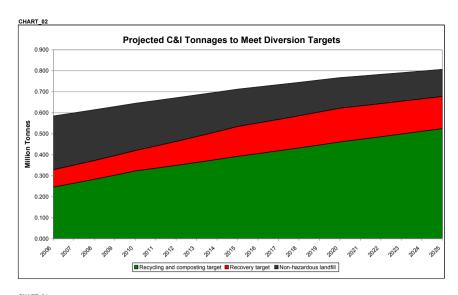
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

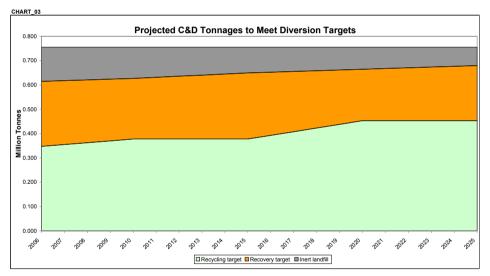
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482	0.489
msw - impo	ts from london that are sent direct to non-hazardous landfill	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
c&i		0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799	0.807
	s from london that are sent direct to non-hazardous landfill	0.188	0.000	0.000	0.011	0.169	0.165	0.000	0.072	0.137	0.000	0.119	0.120	0.109	0.110	0.099	0.700	0.092	0.089	0.787	0.785	0.083
c&d	Siloni london that die cont direct to non nazaradae landiiii	0.766	0.755	0.755	0.755	0.766	0.755	0.755	0.755	0.755	0.755	0.716	0.755	0.755	0.755	0.755	0.755	0.755	0.000	0.755	0.000	0.755
		0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	
hazardous		0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.071
DATA_04:	FARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	1) landfill (Mt)	0.179	0.173	0.165	0.153	0.139	0.122	0.108	0.095	0.081	0.078	0.074	0.071	0.067	0.064	0.060	0.057	0.057	0.057	0.057	0.057	0.057
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020	2005	2006	2007	2000	2000	2040	2044	2042	2042	2014	2045	2046	2047	2040	2040	2020	2024	2022	2022	2024	2025

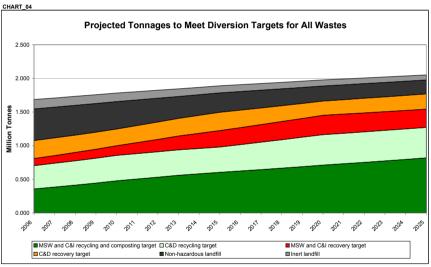
DATA_05: W	ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target Total MSW not-diverted by targets Percentage of MSW that is biodegradable (% by weight)	0.118 0.219 68	0.133 0.213 68	0.148 0.206 68	0.164 0.199 68	0.181 0.191 68	0.198 0.183 68	0.220 0.170 68	0.241 0.156 68	0.264 0.141 68	0.288 0.126 68	0.312 0.110 68	0.324 0.103 68	0.337 0.097 68	0.350 0.091 68	0.363 0.084 68	0.377 0.077 68	0.383 0.077 68	0.390 0.078 68	0.397 0.078 68	0.404 0.078 68	0.411 0.078 68
	Total BMW not-diverted by targets LATS shortfall (how much extra is landfilled above LATS target)	0.149 -0.030	0.145 -0.029	0.140 -0.024	0.135 -0.018	0.130 -0.009	0.125 0.003	0.115 0.007	0.106 0.011	0.096 0.015	0.085 0.008	0.074 0.000	0.070 0.000	0.066 -0.001	0.062 -0.002	0.057 -0.003	0.052 -0.004	0.053 -0.004	0.053 -0.004	0.053 -0.004	0.053 -0.004	0.053 -0.004
	Ratio of 'recovered' to 'recycled/composted' for target (%) Extra MSW 'recovery' needed due to LATS shortfall Extra MSW 'recycling/composting' needed due to LATS shortfall	14% 0.000 0.000	17% 0.000 0.000	19% 0.000 0.000	20% 0.000 0.000	0.000 0.000	23% 0.001 0.002	26% 0.002 0.005	28% 0.003 0.008	29% 0.004 0.010	31% 0.002 0.005	32% 0.000 0.000	33% 0.000 0.000	33% 0.000 0.000	33% 0.000 0.000	33% 0.000 0.000	34% 0.000 0.000	33% 0.000 0.000	32% 0.000 0.000	31% 0.000 0.000	30% 0.000 0.000	29% 0.000 0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target Recovery target	0.101 0.017	0.111 0.022	0.120 0.028	0.131 0.033	0.141 0.039	0.155 0.046	0.169 0.058	0.183 0.070	0.197 0.082	0.204 0.092	0.211 0.101	0.218 0.106	0.226 0.111	0.234 0.116	0.241 0.122	0.250 0.127	0.258 0.125	0.267 0.123	0.275 0.122	0.284 0.119	0.293 0.117
	Non-hazardous landfill CHECK COUNTER (should be zero)	0.219 0.000	0.213 0.000	0.206 0.000	0.199 0.000	0.191 0.000	0.180 0.000	0.162 0.000	0.144 0.000	0.126 0.000	0.118 0.000	0.109 0.000	0.103 0.000	0.097 0.000	0.091 0.000	0.084 0.000	0.077 0.000	0.077 0.000	0.078 0.000	0.078 0.000	0.078 0.000	0.078 0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target Recovery target Non-hazardous landfill	0.228 0.080 0.262	0.246 0.083 0.256	0.264 0.086 0.249	0.283 0.090 0.242	0.302 0.093 0.234	0.323 0.097 0.226	0.336 0.105 0.217	0.349 0.114 0.208	0.363 0.123 0.199	0.377 0.133 0.189	0.392 0.143 0.178	0.405 0.146 0.172	0.419 0.150 0.166	0.432 0.154 0.159	0.446 0.157 0.153	0.461 0.161 0.146	0.473 0.160 0.143	0.486 0.158 0.139	0.498 0.157 0.136	0.511 0.155 0.133	0.525 0.153 0.129
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&d	Recycling target Recovery target	2005 0.340 0.272	2006 0.347 0.267	2007 0.355 0.263	0.362 0.258	0.370 0.254	0.377 0.249	0.377 0.254	2012 0.377 0.258	2013 0.377 0.263	2014 0.377 0.267	2015 0.377 0.272	0.393 0.260	2017 0.408 0.248	0.423 0.236	0.438 0.223	2020 0.453 0.211	0.453 0.214	0.453 0.217	0.453 0.220	0.453 0.223	0.453 0.226
	Inert landfill CHECK COUNTER (should be zero)	0.143 0.000	0.140 0.000	0.137 0.000	0.134 0.000	0.131 0.000	0.128 0.000	0.124 0.000	0.119 0.000	0.115 0.000	0.110 0.000	0.106 0.000	0.103 0.000	0.100 0.000	0.097 0.000	0.094 0.000	0.091 0.000	0.088 0.000	0.085 0.000	0.082 0.000	0.079 0.000	0.075 0.000
hazardous	Hazardous waste	2005 0.050	2006 0.051	2007 0.052	2008 0.054	2009 0.055	2010 0.056	2011 0.058	2012 0.059	2013 0.060	2014 0.061	2015 0.062	2016 0.063	2017 0.064	2018 0.065	2019 0.066	2020 0.067	2021 0.068	2022 0.068	2023 0.069	2024 0.070	2025 0.071
DATA 06: T	DTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target C&D recycling target MSW and C&I recovery target C&D recovery target	0.329 0.340 0.097 0.272	0.356 0.347 0.105 0.267	0.384 0.355 0.114 0.263	0.413 0.362 0.123 0.258	0.444 0.370 0.133 0.254	0.478 0.377 0.143 0.249	0.505 0.377 0.163 0.254	0.532 0.377 0.184 0.258	0.560 0.377 0.205 0.263	0.581 0.377 0.224 0.267	0.603 0.377 0.244 0.272	0.623 0.393 0.252 0.260	0.644 0.408 0.261 0.248	0.666 0.423 0.270 0.236	0.688 0.438 0.279 0.223	0.710 0.453 0.288 0.211	0.731 0.453 0.285 0.214	0.752 0.453 0.282 0.217	0.774 0.453 0.278 0.220	0.796 0.453 0.274 0.223	0.818 0.453 0.271 0.226
	Non-hazardous landfill Inert landfill Hazardous waste	0.482 0.143 0.050	0.469 0.140 0.051	0.456 0.137 0.052	0.441 0.134 0.054	0.426 0.131 0.055	0.406 0.128 0.056	0.380 0.124 0.058	0.353 0.119 0.059	0.325 0.115 0.060	0.306 0.110 0.061	0.287 0.106 0.062	0.276 0.103 0.063	0.263 0.100 0.064	0.250 0.097 0.065	0.237 0.094 0.066	0.223 0.091 0.067	0.220 0.088 0.068	0.217 0.085 0.068	0.214 0.082 0.069	0.211 0.079 0.070	0.207 0.075 0.071

#### Oxfordshire

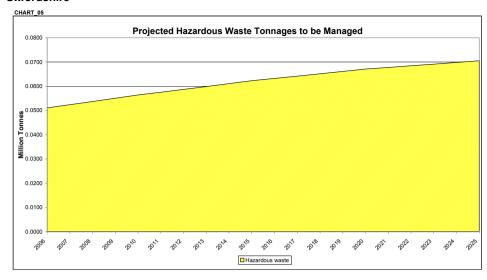








#### Oxfordshire



#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

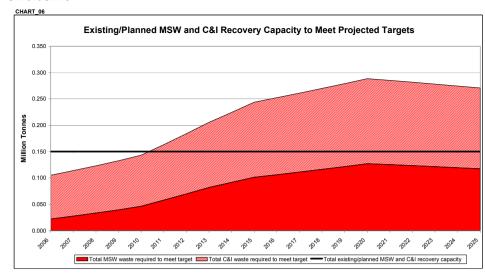
Mary Cell Ancevery   Mary Cell Ancevery (party)   Mary Cell Ancevery (party)   Mary Cell Ancever (party)   Mary	207. EAGITHOU PAINTED ON AGIT FOR REGIONING, REGIONER AND PAINT HOUSE WAGE TO EN	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Mary CL   Martine   Mart	MSW and C&I recovery	2000	2000	2001	2000	2000	2010	2011	2012	2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL	LULU	LULI	
Mary CL   Martine   Mart	MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total CLA support to most target from contact	MSW and C&I treatment	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Part   California	Total existing/planned MSW and C&I recovery capacity	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Mary Mary Column   Mary Mary Mary Mary Mary Mary Mary Mary	Total MSW waste required to meet target	0.017	0.022	0.028	0.033	0.039	0.046	0.058	0.070	0.082	0.092	0.101	0.106	0.111	0.116	0.122	0.127	0.125	0.123	0.122	0.119	0.117
Mark CLA Procycling compositing   1971   1	Total C&I waste required to meet target	0.080	0.083	0.086	0.090	0.093	0.097	0.105	0.114	0.123	0.133	0.143	0.146	0.150	0.154	0.157	0.161	0.160	0.158	0.157	0.155	0.153
New and Cat recycling  MeVs and Cat recycling (1989)  MeVs and Cat recycling (1999)  MeVs and	Surplus/deficit capacity	0.053	0.045	0.036	0.027	0.017	0.007	-0.013	-0.034	-0.055	-0.074	-0.094	-0.102	-0.111	-0.120	-0.129	-0.138	-0.135	-0.132	-0.128	-0.124	-0.121
May of CA1 treaffer	MSW and C&I recycling and composting																					
Part   Contemporaries	MSW and C&I recycling	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713
17 State existing plastenese IMSW and Clis encoging and composing angeanty (generately, 5% of Francisco plants) (1978) (1	MSW and C&I transfer	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259
Part	Total existing/planned MSW and C&I composting capacity	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Total Glaw and programmed composing singlest   0.101   0.111   0.120   0.131   0.141   0.150   0.169   0.183   0.197   0.241   0.210   0.228   0.245   0.241   0.250   0.258   0.257   0.255	(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814	0.814
Total Cal waste required to meet recycling aired compositing garged (a) 4.6     4.0     5.0	(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776	0.776
Supulsalefield capachy (Sealawiny 15 of Imanifer capachy 15 of Ima	Total MSW waste required to meet recycling and composting target	0.101	0.111	0.120	0.131	0.141	0.155	0.169	0.183	0.197	0.204	0.211	0.218	0.226	0.234	0.241	0.250	0.258	0.267	0.275	0.284	0.293
Supresidentified capacity (Sentiality)-Fix of transfer capacity delivers recycling)  6.197	Total C&I waste required to meet recycling and composting target	0.228	0.246	0.264	0.283	0.302	0.323	0.336	0.349	0.363	0.377	0.392	0.405	0.419	0.432	0.446	0.461	0.473	0.486	0.498	0.511	0.525
Cale receipting capacity Total existing plasmed CAD recovery target the control of the control	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.485	0.458	0.430	0.401	0.371	0.337	0.310	0.282	0.255	0.233	0.212	0.191	0.170	0.149	0.127	0.104	0.083	0.062	0.041	0.019	-0.003
Total estalling/planned CAD recycing capacity Total estalling/planne	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.446	0.419	0.391	0.362	0.332	0.298	0.271	0.244	0.216	0.195	0.173	0.152	0.131	0.110	0.088	0.065	0.045	0.024	0.002	-0.020	-0.042
Total paragement on mert CAD recovery (capacity) Surphusineficial capacity Surphusine field (apacity)	C&D recycling																					
Superiposition   Capacity   Cap	Total existing/planned C&D recycling capacity	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107
Case   Parameter	Total waste required to meet C&D recycling target	0.340	0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453	0.453
Cabe revery   Cabe revery   Cabe revery capacity   1877   1794   1710   1627   1.544   1.480   1.439   1.418   1.398   1.377   1.356   1.325   1.293   1.282   1.231   1.199   1.220   1.241   1.282   1.283   1.304   1.285	Surplus/deficit capacity	-0.232	-0.240	-0.247	-0.255	-0.262	-0.270	-0.270	-0.270	-0.270	-0.270	-0.270	-0.285	-0.300	-0.315	-0.330	-0.345	-0.345	-0.345	-0.345	-0.345	-0.345
Sub-page	C&D recovery																					
Supplic deficit capacity   1,050   1,527   1,448   1,369   1,290   1,211   1,186   1,190   1,315   1,190   1,084   1,055   1,046   1,026   1,070   0,988   1,005   1,024   1,041   1,059   1,077	(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Hazardous waste recycling capachy Total existing/plamed hazardous waste recycling capachy Total existing/plamed hazardous waste to be recycled NA N	Sub-regional total waste required to meet C&D recovery target	0.272	0.267	0.263	0.258	0.254	0.249	0.254	0.258	0.263	0.267	0.272	0.260	0.248	0.236	0.223	0.211	0.214	0.217	0.220	0.223	0.226
Total existing/siamenet hazardous waste recycled capacity Total pazardous waste to recycled capacity N/A	Surplus/deficit capacity	1.605	1.527	1.448	1.369	1.290	1.211	1.186	1.160	1.135	1.109	1.084	1.065	1.046	1.026	1.007	0.988	1.006	1.024	1.041	1.059	1.077
Total hazardous wastle to be recycled    N/A   N	Hazardous waste recycling																					
Total hazardous waste to be recycled    N/A   N/	Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Hazardous waste recovery  Total existing/plannet hazardous waste recovery capacity  Total existing/plannet hazardous waste recovery capacity  NA N		N/A																				
Total existing/planned hazardous waste recovery capacity  Total hazardous waste recovery capacity  Total hazardous waste recovery capacity  N/A	Surplus/deficit capacity	N/A																				
Total hazardous waste to be recovered Surplus(effict capacity) N/A	Hazardous waste recovery																					
Total hazardous waste to be recovered	Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)   11.675   11.10   10.261   9.428   8.612   7.813   7.036   6.296   5.593   4.929   4.294   3.690   3.100   2.57   1.969   1.428   0.903   0.382   -0.136   -0.651   -1.162   -0.408		N/A																				
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  11,675   11,110   10,261   9,428   8,612   7,813   7,036   6,296   5,593   4,929   4,294   3,890   3,100   2,527   1,999   1,428   0,903   0,382   -0,136   -0,651   -1,162   Available non-hazardous landfill capacity assuming all MSW and C&I recovery by Winder (all recovery by	Surplus/deficit capacity	N/A																				
Available non-hazardous landfill capacity assuming all MSW and CAI recovery by 'Incineration (non-specialisty')  Available non-hazardous sauming all MSW and CAI recovery by MBT*  11,675 11,0	Non-hazardous landfill																					
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT*  11,675  11,675  11,675  11,675  11,087  11,675  11,087  1	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)	11.675	11.110	10.261	9.428	8.612	7.813	7.036	6.296	5.593	4.929	4.294	3.690	3.100	2.527	1.969	1.428	0.903	0.382	-0.136	-0.651	-1.162
Available non-hazardous landfill capacity assuming all MSW and CAI recovery by Troif (1675) 11,099 10,237 9,390 8,559 7,745 6,950 6,190 5,466 4,76 4,115 3,481 2,862 2,267 1,667 1,092 0,533 -0,023 -0,574 -1,122 -1,667 Available non-hazardous saming all MSW and CAI recovery by 'treatment' 11,675 11,075 1	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	11.675	11.096	10.231	9.381	8.546	7.728	6.929	6.164	5.434	4.738	4.070	3.429	2.802	2.189	1.591	1.008	0.440	-0.124	-0.684	-1.240	-1.793
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  11,675 11,687 1	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'	11.675	11.053	10.142	9.242	8.353	7.476	6.614	5.778	4.966	4.181	3.414	2.665	1.927	1.200	0.483	-0.223	-0.918	-1.607	-2.291	-2.970	-3.643
Total MSW and C&I waste sent direct to non-hazardous landfill   0.482	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'	11.675	11.099	10.237	9.390	8.559	7.745	6.950	6.190	5.466	4.776	4.115	3.481	2.862	2.257	1.667	1.092	0.533	-0.023	-0.574	-1.122	-1.667
Intert landfill   Capacity   Ca	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'	11.675	11.067	10.170	9.286	8.414	7.556	6.714	5.900	5.115	4.358	3.622	2.908	2.206	1.515	0.836	0.169	-0.485	-1.135	-1.780	-2.420	-3.054
Available inert landfill capacity Availa	Total MSW and C&I waste sent direct to non-hazardous landfill	0.482	0.469	0.456	0.441	0.426	0.406	0.380	0.353	0.325	0.306	0.287	0.276	0.263	0.250	0.237	0.223	0.220	0.217	0.214	0.211	0.207
Available linert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')  4.276 4.118 3.961 3.807 3.654 3.503 3.353 3.205 3.058 2.912 2.768 2.66 2.486 2.347 2.210 2.074 1.940 1.810 1.683 1.560 1.440  Total C&B wastle sent direct to inert landfill  Available hazardous landfill capacity  Available hazardous landfill capacity  Total hazardous waste sent direct to hazardous landfill capacity  Total hazardous wastle sent direct to hazardous landfill capacity  May N/A	Inert landfill																					
Total C&D waste sent direct to inert landfill    Hazardous Iandfill	Available inert landfill capacity	4.276	4.132	3.992	3.854	3.720	3.589	3.460	3.336	3.217	3.102	2.992	2.886	2.784	2.684	2.587	2.494	2.403	2.316	2.231	2.150	2.071
Hazardous landfill	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	4.276	4.118	3.961	3.807	3.654	3.503	3.353	3.205	3.058	2.912	2.768	2.626	2.486	2.347	2.210	2.074	1.940	1.810	1.683	1.560	1.440
Available hazardous landfill capacity  Available hazardous landfill capacity  Other  Medalf-Li Yacility  Departure of the control of the cont	Total C&D waste sent direct to inert landfill	0.143	0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.075
Total hazardous waste sent direct to hazardous landfill  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N	Hazardous landfill																					
Other         0.227 <th< td=""><td>Available hazardous landfill capacity</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td></th<>	Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Metal/ELV facility 0.227	Total hazardous waste sent direct to hazardous landfill	1	1/A N	I/A N	/A N	/A N	/A N	/A N	N/A N	/A N	/A N	/A N	I/A N	/A N/	A N	/A N	/A N	/A N	/A N	/A N	/A N	Α
Ignored 0.000 0.00	Other																					
	Metal/ELV facility	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227
Closed	Ignored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

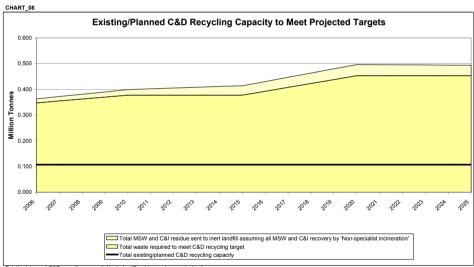
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

## Oxfordshire

ATA_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	20	20	30	30	30	30	20	30	30	30	30	20	20	30	30	30	30
MSW and C&I incineration (non-specialist) - bottom asm  MSW and C&I incineration (non-specialist) - fly ash	30	30	30	30	30 3	30 3	30	30	30	30	30 3	30	30	30	30	30	30 3	30	30	30	30
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45 5	45	45	45	45	45	45 5	45	45	45 5	45	45 5	45 5	45	45 5	45	45	45
MSW and C&I treatment - hazardous Hazardous waste recovery	5 5	5	5 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 5
Recycling residues (% by weight)	Ü		·	· ·		·	Ü	·	·	·	·	ŭ		Ü	Ü	Ü	·	·	·		·
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling Hazardous waste recycling	10	10	10 5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 5
Other	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	5	5	5	5	5
Meta//ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince wi	th the self-suffi	iciency requi	irements of	PPS10.																	
.TA_99: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (of waste managed):																					
MSW and C&I incineration (non-specialist) - bottom ash	0.029	0.032	0.034	0.037	0.040	0.043	0.049	0.055	0.062	0.067	0.073	0.076	0.078	0.081	0.084	0.087	0.086	0.085	0.083	0.082	0.081
MSW and C&I incineration (non-specialist) - fly ash	0.003 0.057	0.003 0.062	0.003 0.067	0.004 0.073	0.004 0.078	0.004 0.085	0.005 0.096	0.006 0.109	0.006 0.121	0.007 0.132	0.007	0.008	0.008 0.154	0.008	0.008	0.009	0.009	0.008	0.008	0.008	0.008
MSW and C&I to MBT MSW and C&I to RDF	0.057	0.062	0.067	0.073	0.078	0.085	0.096	0.109	0.121	0.132	0.144	0.149	0.154	0.159	0.165	0.170	0.168	0.166	0.164	0.162	0.160
MSW and C&I treatment - non-hazardous	0.012	0.013	0.051	0.015	0.060	0.064	0.020	0.022	0.023	0.101	0.029	0.030	0.031	0.032	0.033	0.033	0.034	0.034	0.125	0.033	0.12
MSW and C&I treatment - hazardous	0.005	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.014
Hazardous waste recovery	N/A N	N/A N	I/A N	/A N/	/A N/	A N	A N/A	A N	/A N/	A N/	A N	A N/.	A N	A N/	A N	/A N	/A N/	A N	I/A N/	A N	Α
Recycling residues (of waste managed):	0.049	0.053	0.058	0.062	0.007	0.072	0.076	0.080	0.084	0.007	0.090	0.093	0.097	0.100	0.402	0.407	0.110	0.113	0.446	0.110	0.400
MSW and C&I recycling and composting C&D recycling	0.049	0.053	0.058	0.062	0.067 0.037	0.072	0.076	0.080	0.084	0.087 0.038	0.090	0.093	0.097	0.100	0.103	0.107 0.045	0.110 0.045	0.113	0.116 0.045	0.119 0.045	0.123
Hazardous waste recycling				/A N/															/A N/		
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.083	0.088	0.093	0.098	0.104	0.109	0.113	0.118	0.122	0.125	0.128	0.133	0.137	0.142	0.147	0.152	0.155	0.158	0.161	0.165	0.1
A_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio	n Tonnoe)																				
		0000	0007	0000	0000	0040	0044	0040	0040	0044	0045	0040	0047	0040	0040	0000	0004	0000	0000		
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)		2006	2007	2008	2009	2010 0.021	0.024	2012 0.028	0.031	0.034	2015	2016 0.038	2017 0.039	2018	2019 0.042	2020 0.043	2021 0.043	0.042	0.042	0.041	
	2005																				0.04
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity).	0.015 0.015	0.016 0.016	0.017 0.017	0.018 0.018	0.020 0.020	0.021 0.021	0.024 0.024	0.028 0.028	0.031 0.031	0.034 0.034	0.037 0.037	0.038 0.038	0.039 0.039	0.040 0.040	0.042 0.042	0.043 0.043	0.043 0.043	0.042 0.042	0.042 0.042	0.041 0.041	0.04 0.04
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	2005 0.015	0.016	0.017	0.018	0.020	0.021	0.024	0.028	0.031	0.034	0.037	0.038	0.039	0.040	0.042	0.043	0.043	0.042	0.042	0.041	0.04 0.04
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.015 0.015 0.015	0.016 0.016 0.062	0.017 0.017 0.067	0.018 0.018 0.073	0.020 0.020 0.078	0.021 0.021 0.085	0.024 0.024 0.096	0.028 0.028 0.109	0.031 0.031 0.121	0.034 0.034 0.132	0.037 0.037 0.144	0.038 0.038 0.149	0.039 0.039 0.154	0.040 0.040 0.159	0.042 0.042 0.165	0.043 0.043 0.170	0.043 0.043 0.168	0.042 0.042 0.166	0.042 0.042 0.164	0.041 0.041 0.162	0.04
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration"  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration"  SCENARIO 2 - Assumes all recovery is by "MBT (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.015 0.015	0.016 0.016	0.017 0.017	0.018 0.018	0.020 0.020	0.021 0.021	0.024 0.024	0.028 0.028	0.031 0.031	0.034 0.034	0.037 0.037	0.038 0.038	0.039 0.039	0.040 0.040	0.042 0.042	0.043 0.043	0.043 0.043	0.042 0.042	0.042 0.042	0.041 0.041	0.04 0.04 0.16
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.015 0.015 0.015	0.016 0.016 0.062	0.017 0.017 0.067	0.018 0.018 0.073	0.020 0.020 0.078	0.021 0.021 0.085	0.024 0.024 0.096	0.028 0.028 0.109	0.031 0.031 0.121	0.034 0.034 0.132	0.037 0.037 0.144	0.038 0.038 0.149	0.039 0.039 0.154	0.040 0.040 0.159	0.042 0.042 0.165	0.043 0.043 0.170	0.043 0.043 0.168	0.042 0.042 0.166	0.042 0.042 0.164	0.041 0.041 0.162	0.04 0.04 0.16 0.03
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (r) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (r) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.015 0.015 0.015 0.057 0.012	0.016 0.016 0.062 0.013 0.047	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.020 0.078 0.016 0.060	0.021 0.021 0.085 0.017 0.064	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083	0.031 0.031 0.121 0.025 0.092	0.034 0.034 0.132 0.027 0.101	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030	0.039 0.039 0.154 0.031	0.040 0.040 0.159 0.032	0.042 0.042 0.165 0.033	0.043 0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.042 0.166 0.034	0.042 0.042 0.164 0.033	0.041 0.041 0.162 0.033	0.04 0.04 0.16 0.03
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le	0.015 0.015 0.015 0.057 0.012 0.044	0.016 0.016 0.062 0.013 0.047	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.020 0.078 0.016 0.060	0.021 0.021 0.085 0.017 0.064	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083	0.031 0.031 0.121 0.025 0.092	0.034 0.034 0.132 0.027 0.101	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030	0.039 0.039 0.154 0.031	0.040 0.040 0.159 0.032	0.042 0.042 0.165 0.033	0.043 0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.042 0.166 0.034	0.042 0.042 0.164 0.033	0.041 0.041 0.162 0.033	0.04 0.04 0.160
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to neit landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBIT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.015 0.015 0.057 0.012 0.044 undfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.020 0.078 0.016 0.060	0.021 0.021 0.085 0.017 0.064	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083	0.031 0.031 0.121 0.025 0.092	0.034 0.034 0.132 0.027 0.101	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030	0.039 0.039 0.154 0.031	0.040 0.040 0.159 0.032	0.042 0.042 0.165 0.033	0.043 0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.042 0.166 0.034	0.042 0.042 0.164 0.033	0.041 0.041 0.162 0.033	0.04 0.04 0.16
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (2) C&D reused on exempt sites	0.015 0.015 0.015 0.057 0.012 0.044	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.020 0.078 0.016 0.060	0.021 0.021 0.085 0.017 0.064	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083	0.031 0.031 0.121 0.025 0.092	0.034 0.034 0.132 0.027 0.101	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030	0.039 0.039 0.154 0.031	0.040 0.040 0.159 0.032	0.042 0.042 0.165 0.033	0.043 0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.042 0.166 0.034	0.042 0.042 0.164 0.033	0.041 0.041 0.162 0.033	0.04 0.04 0.16
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites	2005 0.015 0.015 0.057 0.012 0.044 undfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.020 0.078 0.016 0.060	0.021 0.021 0.085 0.017 0.064	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083	0.031 0.031 0.121 0.025 0.092	0.034 0.034 0.132 0.027 0.101	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030	0.039 0.039 0.154 0.031	0.040 0.040 0.159 0.032	0.042 0.042 0.165 0.033	0.043 0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.042 0.166 0.034	0.042 0.042 0.164 0.033	0.041 0.041 0.162 0.033	0.04 0.04 0.16
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C81 residue sent to non-hazardous landfill assuming all MSW and C81 recovery by 'Non-specialist incineration'  (1) Total MSW and C81 residue sent to inert landfill assuming all MSW and C81 recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C61 residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C61 residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert is  (1) C8D reused on landfill sites  (1) C8D reused on exempt sites  (1) C8D reused on exempt sites	2005  0.015 0.015  0.057  0.012  0.044  andfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055 ns developed	0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083 C&D recycl	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117	0.040 0.040 0.159 0.032 0.121	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124	0.04 0.04 0.16 0.03
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C3r lesidue sent to non-hazardous landfill assuming all MSW and C3r recovery by 'Non-specialist incineration'  (1) Total MSW and C3r residue sent to non-hazardous landfill assuming all MSW and C3r recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C3r residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C3r residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Troff undersome all recovery capacity)  Total MSW and C3r residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert is  12: TONNAGES OF C30 REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C3D reused on landfill sites  (1) C3D reused on landfill sites sent to 'non-haz landfill'  (1) C3D reused on landfill sites sent to 'non-haz landfill'	2005 0.015 0.015 0.057 0.012 0.044 andfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns developed	0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum	0.024 0.024 0.096 0.020 0.073 eved to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117	0.040 0.040 0.159 0.032 0.121	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124	0.04 0.04 0.16 0.03 0.12
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'	2005  0.015 0.015  0.057  0.012  0.044  andfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055 ns developed	0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum	0.024 0.024 0.096 0.020 0.073	0.028 0.028 0.109 0.022 0.083 C&D recycl	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117	0.040 0.040 0.159 0.032 0.121	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124	0.04 0.04 0.16 0.03 0.12
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (2) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Trotf (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill '1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill '1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005 0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.070 0.090 0.090 0.090 0.090 0.090	0.016 0.016 0.062 0.013 0.047 original mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum	0.024 0.024 0.096 0.020 0.073 eled to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117	0.040 0.040 0.159 0.032 0.121	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124	0.04 0.04 0.16 0.03 0.12 0.12
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to nert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 10 C&D reused on landfill sites sent to 'non-haza landfill'  Total C&D reused on landfill sites sent to 'non-haza landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill	2005 0.015 0.015 0.015 0.057 0.012 0.044 andfill. In the o 61 9 30 9 70 9 2005 0.032 0.074	0.018 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ons developed	0.020 0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068	0.024 0.024 0.096 0.020 0.073 seed to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117	0.040 0.040 0.159 0.032 0.121	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124	0.04* 0.04* 0.160 0.032 0.122
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C8 residue sent to non-hazardous landfill assuming all MSW and C8 recovery by 'Non-specialist incineration'  (1) Total MSW and C8 residue sent to inert landfill assuming all MSW and C81 recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated to the sent lated	2005 0.015 0.015 0.015 0.057 0.012 0.044 andfill. In the o 61 9 30 9 70 9 2005 0.032 0.074	0.018 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ons developed	0.020 0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068	0.024 0.024 0.096 0.020 0.073 seed to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117	0.040 0.040 0.159 0.032 0.121	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124	0.04* 0.04* 0.160 0.032 0.122
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C81 residue sent to non-hazardous landfill assuming all MSW and C81 recovery by 'Non-specialist incineration'  (1) Total MSW and C81 residue sent to incl landfill assuming all MSW and C81 recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated to the control of the	2005  0.015 0.015 0.057 0.012 0.044 undfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns developed 2008 0.030 0.070	0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer	0.024 0.024 0.096 0.020 0.073 eved to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117 0.117	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.042 0.165 0.033 0.126	0.043 0.043 0.170 0.035 0.130 0.130	0.043 0.043 0.168 0.034 0.128 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061	0.041 0.041 0.160 0.032 0.122
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (2) TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on linert landfill  (1) C&D reuse on linert and non-hazardous landfill in not included within the charts because it has been assumed that data :  13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 0.015 0.015 0.057 0.012 0.044 indfill. In the o 2005 0.032 0.074 2005 0.032 0.074  2005 N/A N/A N	0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 0.055 0.030 0.070 inted for C&i	0.020 0.020 0.020 0.078 0.016 0.060 0.060 0.030 0.030 0.069	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010	0.024 0.024 0.096 0.020 0.073 eed to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.039 0.154 0.031 0.117 0.117 2017 0.029 0.067	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.043 0.170 0.035 0.130 0.130 0.025 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128 2021 0.025 0.058	0.042 0.042 0.166 0.034 0.127 0.127	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061	0.04 0.04 0.16 0.03 0.12
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incl landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late.  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reuse on inert landfill  (1) C&D reuse on inert landfill  (1) C&D reuse on inert landfill  (2) C&D reuse on inert landfill  (3) C&D reuse on landfill sites sent to 'non-hazardous landfill in the charts because it has been assumed that data:  13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005  0.015 0.015 0.057 0.012 0.044 undfill. In the o	0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns developed 2008 0.030 0.070	0.020 0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer	0.024 0.024 0.096 0.020 0.073 ued to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113	0.039 0.039 0.154 0.031 0.117 0.117	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.043 0.170 0.035 0.130 0.130	0.043 0.043 0.168 0.034 0.128 0.128	0.042 0.042 0.166 0.034 0.127	0.042 0.042 0.164 0.033 0.125	0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061	0.04 0.04 0.16 0.03 0.12
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatmen' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  (1) C&D reuse dall sall sites sent to 'non-haz landfill'  1) C&D reuse dall sall sites sent to 'non-haz landfill'  (2) C&D reuse on landfill sites sent to 'non-haz landfill'  (3) C&D reuse on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  (3) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on landfill sites sent to 'non-haz landfil	2005 0.015 0.015 0.057 0.012 0.044 indfill. In the o 2005 0.032 0.074 2005 0.032 0.074  2005 N/A N/A N	0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 0.055 0.030 0.070 inted for C&i	0.020 0.020 0.020 0.078 0.016 0.060 0.060 0.030 0.030 0.069	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010	0.024 0.024 0.096 0.020 0.073 eed to go to 0	0.028 0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.031 0.121 0.025 0.092 ing, rather th	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.039 0.154 0.031 0.117 0.117 2017 0.029 0.067	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.043 0.170 0.035 0.130 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128 2021 0.025 0.058	0.042 0.042 0.166 0.034 0.127 0.127	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.041 0.162 0.033 0.124 2024 0.026 0.061	0.04 0.04 0.16 0.03 0.12 202 0.02 0.06
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and CSI residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  (1) Total MSW and CSI residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'  SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late.  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CSD reused on landfill sites  (1) CSD reused on landfill sites  (1) CSD reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) CSD reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  (2) CSD reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (3) CSD reuse on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  (4) CSD reuse on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  (5) CSD reuse on landfill sites sent to 'non-haz landfill'  (6) CSD reuse on landfill sites sent to 'non-haz landfill'  Total MSW and C&I residue sent to 'non-haz landfill sont included within the charts because it has been assumed that data state	2005 0.015 0.015 0.057 0.012 0.044 andfill. In the o 30 9 61 9 30 9 70 9 2005 0.032 0.074  supplied by eac	0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio	0.017 0.017 0.067 0.014 0.051 el assumptio 2007 0.031 0.071 un has accou	0.018 0.018 0.073 0.015 0.055 0.055 ns develope 2008 0.030 0.070 1008 /A N/	0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as a 2009 /A N/	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010 A N.	0.024 0.024 0.096 0.020 0.073 ed to go to C	0.028 0.028 0.109 0.022 0.083 2.28D recycl 0.030 0.070 2012 4 N	0.031 0.031 0.025 0.092 ing, rather th 2013 0.031 0.071 2013 2013	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113 0.113 2016 0.030 0.071 2016 A N/	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 A N/	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/	0.042 0.042 0.165 0.033 0.126 0.026 0.061 2019 2019 2019 0.008	0.043 0.043 0.170 0.035 0.130 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128 0.025 0.058 2021 /A N/	0.042 0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.041 0.162 0.033 0.124 0.024 0.026 0.061	0.04 0.04 0.16 0.03 0.12 0.02 0.02 0.06
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Trothe (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Trothe (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reuse on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on landfill sites sent to 'non-haz landfill'  1) C&D reuse rates based on original model as	2005  0.015 0.015 0.057 0.012 0.044 andfill. In the o  30 9 61 9 30 9 70 9 2005 0.032 0.074 supplied by each	0.016 0.016 0.062 0.013 0.047 original mode % % % % 2006 0.031 0.073 ch sub-regio	0.017 0.017 0.067 0.014 0.051 el assumptio 2007 0.031 0.071 un has accou	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 inted for C&I	0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as a	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010 A N.	0.024 0.024 0.096 0.020 0.073 ed to go to C	0.028 0.028 0.109 0.022 0.083 C&D recycl 0.030 0.070	0.031 0.031 0.121 0.025 0.092 ing, rather th 2013 0.031 0.071	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113 0.113 2016 0.030 0.071	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.042 0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.025 0.058	0.042 0.042 0.042 0.166 0.034 0.127 0.025 0.059	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.041 0.162 0.033 0.124 0.024 0.026 0.061	0.04 0.04 0.16 0.03 0.12 0.02 0.02 0.02 0.06
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and CSI residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  (1) Total MSW and CSI residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert is  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reuse on landfill sites sent to 'non-hazardous landfill'  (2) C&D reuse on landfill sites sent to 'non-hazardous landfill'  (3) C&D reuse on landfill sites sent to 'non-hazardous landfill'  (4) C&D reuse on landfill sites sent to 'non-hazardous landfill in ont included within the charts because it has been assumed that data:  13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery by 'Non-	2005 0.015 0.015 0.057 0.012 0.044 andfill. In the o 39 9 61 9 30 9 70 9 2005 0.032 0.074 supplied by eac	0.016 0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio 2006 N/A N 2006 0.003	2007 0.003 0.003 0.003	2008 0.008 0.070 0.015 0.055 0.055 0.055 0.030 0.070 0.070 0.000	0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as a 2009 VA N/	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010 A Ni 2010	0.024 0.024 0.096 0.020 0.073 ed to go to G	0.028 0.028 0.109 0.092 0.083 0.083 0.083 0.090 0.000	0.031 0.031 0.025 0.092 ing, rather th 2013 0.031 0.071 2013 2013 0.006 0.000	0.034 0.034 0.034 0.132 0.027 0.101 han to inert 0.031 0.073 2014 2014 0.007	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 2015 0.007	0.038 0.038 0.149 0.030 0.113 0.113 2016 0.030 0.071 2016 A N/.	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 0.008	0.040 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/ 2018 0.008	0.042 0.042 0.165 0.033 0.126 0.026 0.026 0.061 2019 0.026 0.061	0.043 0.043 0.043 0.170 0.035 0.130 0.025 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128 0.025 0.058 2021 VA N/ 2021 0.009 0.000	0.042 0.042 0.166 0.034 0.127 0.025 0.059 0.059	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.008 0.008	0.041 0.041 0.162 0.033 0.124 0.026 0.026 0.061 2024 A N.	202 0.04 0.16 0.03 0.12 202 0.02 0.06 A
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (2) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on on-hazardous landfill'  Total C&D reuse on inert landfill  (1) C&D reused rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert landfill  Total C&D reuse on inert landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data:  13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity	2005 0.015 0.015 0.057 0.012 0.044 andfill. In the o 30 9 61 9 30 9 70 9 2005 0.032 0.074  supplied by eac	0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio	0.017 0.017 0.067 0.014 0.051 el assumptio 2007 0.031 0.071 un has accou	0.018 0.018 0.073 0.015 0.055 0.055 ns develope 2008 0.030 0.070 1008 /A N/	0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as a 2009 /A N/	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010 A N.	0.024 0.024 0.096 0.020 0.073 ed to go to C	0.028 0.028 0.109 0.022 0.083 2.28D recycl 0.030 0.070 2012 4 N	0.031 0.031 0.025 0.092 ing, rather th 2013 0.031 0.071 2013 2013	0.034 0.034 0.132 0.027 0.101 han to inert	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.038 0.149 0.030 0.113 0.113 2016 0.030 0.071 2016 A N/	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 A N/	0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/	0.042 0.042 0.165 0.033 0.126 0.026 0.061 2019 2019 2019 0.008	0.043 0.043 0.170 0.035 0.130 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128 0.025 0.058 2021 /A N/	0.042 0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.041 0.162 0.033 0.124 0.024 0.026 0.061	0.04 0.04 0.16 0.03 0.12 202 0.02 0.06 202 0.06
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and CSI residue sent to non-hazardous landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  (1) Total MSW and CSI residue sent to incit landfill assuming all MSW and CSI recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and CSI residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert is  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CSD reused on landfill sites  (1) CSD reused on landfill sites sent to 'non-haz landfill'  (1) CSD reused on landfill sites sent to 'non-haz landfill'  (1) CSD reused on landfill sites sent to 'non-hazardous landfill'  (1) CSD reuse on inert and non-hazardous landfill'  (2) CSD reuse on inert and non-hazardous landfill in ort included within the charts because it has been assumed that data and the subsection of t	2005 0.015 0.015 0.057 0.012 0.044 andfill. In the o 39 9 61 9 30 9 70 9 2005 0.032 0.074 supplied by eac	0.016 0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio 2006 N/A N 2006 0.003	2007 0.003 0.003 0.003	2008 0.030 0.070 2008 0.030 0.070 2008 0.030 0.070 2008 0.000 0.000 0.000	0.020 0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as a 2009 VA N/	0.021 0.021 0.085 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010 A Ni 2010	0.024 0.024 0.096 0.020 0.073 ed to go to G	0.028 0.028 0.109 0.092 0.083 0.083 0.083 0.090 0.000	0.031 0.031 0.025 0.092 ing, rather th 2013 0.031 0.071 2013 2013 0.006 0.000	0.034 0.034 0.034 0.132 0.027 0.101 han to inert 0.031 0.073 2014 2014 0.007	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 2015 0.007	0.038 0.038 0.149 0.030 0.113 0.113 2016 0.030 0.071 2016 A N/.	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 2017 0.008	0.040 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/ 2018 0.008	0.042 0.042 0.165 0.033 0.126 0.026 0.026 0.061 2019 0.026 0.061	0.043 0.043 0.043 0.170 0.035 0.130 0.025 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128 0.025 0.058 2021 VA N/ 2021 0.009 0.000	0.042 0.042 0.166 0.034 0.127 0.025 0.059 0.059	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.008 0.008	0.041 0.041 0.162 0.033 0.124 0.026 0.026 0.061 2024 A N.	0.04 0.04 0.16 0.03 0.12 0.02 0.02 0.06 202 A
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lateral to the same same same to the same same same same same same same sam	2005 0.015 0.015 0.057 0.012 0.044 indfill. In the o 2005 0.032 0.074 2005 0.032 0.074 2005 0.032 0.074 0.003 0.003 0.000 0.000	0.016 0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio 2006 N/A N 2006 0.003 0.000 0.000	2007 0.031 0.003 0.000 0.000 0.000	2008 0.030 0.070 2008 0.030 0.070 2008 0.030 0.070 2008 0.000 0.000 0.000 0.000	0.020 0.020 0.020 0.078 0.016 0.060 0.060 d MEL 50%  2009 0.030 0.069 2009 0.030 0.060 0.060 0.060	0.021 0.085 0.017 0.064 was assum  2010 0.029 0.068 an engineer 2010 0.020 0.004 0.000	0.024 0.024 0.096 0.020 0.073 ed to go to G	0.028 0.028 0.109 0.092 0.083 0.083 0.083 0.030 0.070 2012 2012 2012 0.000 0.000	0.031 0.031 0.025 0.092 ing, rather th  2013 0.031 0.071  2013 0.071  2013 0.006 0.000 0.000	0.034 0.034 0.034 0.132 0.027 0.101 han to inert 0.031 0.073 2014 0.007 0.000 0.000	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 0.007 0.000	0.038 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/ 2016 0.08 0.000	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 0.008	0.040 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 0.008 0.008	0.042 0.042 0.165 0.033 0.126 0.026 0.061 0.026 0.061	0.043 0.043 0.043 0.170 0.035 0.130 0.025 0.025 0.057 2020 0.026 0.057	0.043 0.043 0.043 0.168 0.034 0.128 0.128 2021 0.025 0.058 2021 0.009 0.000	0.042 0.042 0.166 0.034 0.127 0.025 0.059 0.009 0.000 0.000	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.008 0.008	0.041 0.041 0.162 0.033 0.124 0.026 0.061 0.026 0.061	0.04 0.04 0.16 0.03 0.12 0.02 0.02 0.06 202 A
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to incine landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late.  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-haz landfill'  (3) C&D reused on landfill sites sent to 'non-haz landfill'  (4) C&D reused on landfill sites sent to 'non-haz landfill'  (5) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data and the country of the	2005 0.015 0.015 0.057 0.012 0.044 indfill. In the o 2005 0.032 0.074 2005 0.032 0.074 2005 0.032 0.074 0.003 0.003 0.000 0.000	0.016 0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio 2006 N/A N 2006 0.003 0.000 0.000	2007 0.031 0.003 0.000 0.000 0.000	2008 0.030 0.070 2008 0.030 0.070 2008 0.030 0.070 2008 0.000 0.000 0.000 0.000	0.020 0.020 0.020 0.078 0.016 0.060 0.060 d MEL 50%  2009 0.030 0.069 2009 0.030 0.060 0.060 0.060	0.021 0.085 0.017 0.064 was assum  2010 0.029 0.068 an engineer 2010 0.020 0.004 0.000	0.024 0.024 0.096 0.020 0.073 ed to go to G	0.028 0.028 0.109 0.092 0.083 0.083 0.083 0.030 0.070 2012 2012 2012 0.000 0.000	0.031 0.031 0.025 0.092 ing, rather th  2013 0.031 0.071  2013 0.071  2013 0.006 0.000 0.000	0.034 0.034 0.034 0.132 0.027 0.101 han to inert 0.031 0.073 2014 0.007 0.000 0.000	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 0.007 0.000	0.038 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/ 2016 0.08 0.000	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 2017 0.008	0.040 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 0.008 0.008	0.042 0.042 0.165 0.033 0.126 0.026 0.061 0.026 0.061	0.043 0.043 0.043 0.170 0.035 0.130 0.025 0.025 0.057 2020 0.026 0.057	0.043 0.043 0.043 0.168 0.034 0.128 0.128 2021 0.025 0.058 2021 0.009 0.000	0.042 0.042 0.166 0.034 0.127 0.025 0.059 0.009 0.000 0.000	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.008 0.008	0.041 0.041 0.162 0.033 0.124 0.026 0.061 0.026 0.061	0.041 0.041 0.160 0.032 0.122 0.022 0.026 0.061
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C8 residue sent to non-hazardous landfill assuming all MSW and C8 recovery by 'Non-specialist incineration'  (1) Total MSW and C8 residue sent to non-hazardous landfill assuming all MSW and C81 recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lateral to the sent latera	2005  0.015 0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.046 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.032 0.033	0.016 0.016 0.062 0.013 0.047 original mode % % % 0.031 0.073 ch sub-regio 2006 N/A N 2006 0.003 0.000 0.000	2007 0.003 0.000 0.000 0.006	2008 0.030 0.070 2008 0.030 0.070 2008 0.030 0.070 2008 0.000 0.000 0.000 0.000	0.020 0.020 0.078 0.016 0.060 0.060 d MEL 50% 2009 0.030 0.069 D reuse as a 2009 1/A N/.	2010 0.029 0.068 0.017 0.064 was assum 2010 0.029 0.068 an engineer 2010 0.004 0.000 0.000	0.024 0.024 0.096 0.020 0.073 end to go to 0 0.030 0.069 109 material. 2011 0.005 0.000 0.000 0.000	0.028 0.028 0.109 0.022 0.083 0.083 0.030 0.070 2012 2012 0.006 0.000 0.000 0.000	2013 2013 2013 2013 2013 2013 2013 2013	0.034 0.034 0.034 0.132 0.027 0.101 han to inert 2014 0.031 0.073 2014 A N/ 2014 0.007 0.000	2015 A N/ 2015 0.007 0.000 0.000 0.012	2016 0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/. 2016 0.008 0.000	0.039 0.039 0.154 0.031 0.117 0.117 0.029 0.067 2017 4 N N 2017 0.008 0.000 0.000	2018 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 0.008 0.000 0.000 0.000	0.042 0.042 0.165 0.033 0.126 0.026 0.061 2019 4 N N 2019 0.008 0.000 0.001	0.043 0.043 0.170 0.035 0.130 0.025 0.057 0.026 0.057 2020 0.009 0.000 0.000	0.043 0.043 0.043 0.168 0.034 0.128 0.025 0.058 2021 7A N/ 2021 0.009 0.000 0.000	0.042 0.042 0.166 0.034 0.127 0.025 0.059 0.059 0.000 0.000 0.001	2023 0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060 0.060 0.060	2024 0.008 0.000 0.000 0.001	0.04 0.04 0.16( 0.03; 0.12; 0.02; 0.06( 202; 0.06( 0.00( 0.00( 0.00( 0.00( 0.00(
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C8 residue sent to non-hazardous landfill assuming all MSW and C81 recovery by 'Non-specialist incineration' (2) Total MSW and C81 residue sent to non-hazardous landfill assuming all MSW and C81 recovery by 'Non-specialist incineration' (3) Total MSW and C81 residue sent to non-hazardous landfill (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill (3) ENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill (3) ENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C81 residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sites (1) C8D reused on exempt sites (1) C8D reused on exempt sites (1) C8D reused on landfill sites sent to 'non-hazardous landfill' (2) C8D reused on landfill sites sent to 'non-hazardous landfill' (3) C8D reused on landfill sites sent to 'non-hazardous landfill' (4) C8D reused on landfill sites sent to 'non-hazardous landfill' (5) C8D reused on landfill sites sent to 'non-hazardous landfill' (6) C8D reuse rates based on original model assumptions developed MEL (7) C8D reuse on inert and non-hazardous landfill' (8) C8D RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C8I residue sent to hazardous landfill asnuming all MSW and C8I residue sent to hazardous landfill asnuming all MSW and C8I residue sent to hazardous landfill asnuming all MSW and C8I residue sent to hazardous landfill SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C8I residue sent to	2005 0.015 0.015 0.015 0.015 0.016 0.017 0.012 0.044 undfill. In the o	0.016 0.016 0.016 0.062 0.013 0.047 original mode % % % 2006 0.031 0.073 ch sub-regio 2006 0.003 0.000 0.000 0.0005 e versus ava	2007 2007 2007 2007 2007 2007 2007 2007	2008 0.030 0.070 2008 0.030 0.070 2008 0.030 0.070 2008 0.000 0.000 0.000 0.000	0.020 0.020 0.020 0.078 0.016 0.060 0.060 0.030 0.030 0.060 0.030 0.060 0.000 0.000 0.000	2010 0.004 0.000 0.000 0.000 0.000 0.000	0.024 0.024 0.096 0.020 0.073 ed to go to 0 0.030 0.069 ing material. 2011 0.005 0.000 0.000	0.028 0.028 0.109 0.092 0.083 0.083 0.083 0.030 0.070 2012 2012 0.006 0.000 0.000	0.031 0.031 0.031 0.121 0.025 0.092 ing, rather th  2013 0.031 0.071  2013 0.006 0.000 0.000 0.010	0.034 0.034 0.034 0.132 0.027 0.101 han to inert 0.031 0.073 2014 A N/ 2014 0.000 0.000	0.037 0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 0.000 0.000 0.000	0.038 0.038 0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 0.008 0.000 0.000	0.039 0.154 0.031 0.117 0.117 0.117 0.029 0.067 2017 2017 2017 2017 2017 2017 2017 2017	0.040 0.040 0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 0.008 0.000 0.000	0.042 0.042 0.165 0.033 0.126 0.026 0.026 0.061 2019 2019 0.000 0.000 0.000	0.043 0.043 0.170 0.035 0.130 0.130 0.025 0.057 2020 0.025 0.057	0.043 0.043 0.043 0.168 0.034 0.128 0.128 2021 0.025 0.058 2021 0.009 0.000 0.000	0.042 0.042 0.166 0.034 0.127 0.025 0.059 0.000 0.000 0.000 0.001	0.042 0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.008 0.008	0.041 0.041 0.162 0.033 0.124 0.026 0.026 0.061 2024 A Ni 2024 0.000 0.000 0.000	2025 0.008 0.000 0.000 0.014

## Oxfordshire

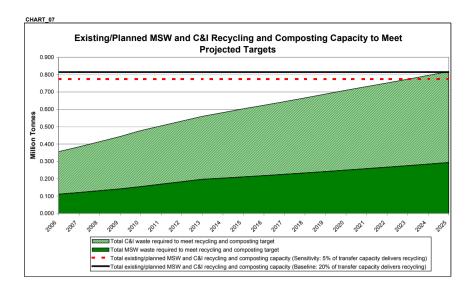




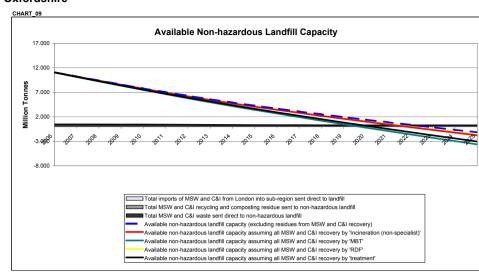
Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

NOTE: This capacity does not represent the quantity of material that is recycled.

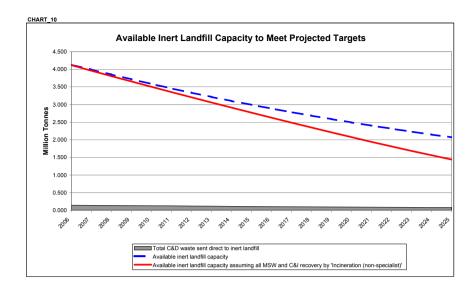
NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)



## Oxfordshire







#### SUMMARY DATA AND RESULTS FOR SURREY

SW	WASTE USED TO GENERATE RESULTS (Million Tonnes)		2006 0.659	2007 0.676	2008 0.693	2009 0.710	2010 0.728	2011 0.742	2012 0.757	2013 0.772	2014 0.788	2015 0.804	2016 0.816	2017 0.828	2018 0.840	2019 0.853	2020 0.866	2021 0.879	2022 0.892	2023 0.905	2024 0.919
sw - import ki	ts from london that are sent direct to non-hazardous landfill		0.063 0.838	0.062 0.859	0.060 0.880	0.059 0.902	0.057 0.925	0.054 0.943	0.051 0.962	0.047 0.981	0.044 1.001	0.041 1.021	0.039 1.036	0.038 1.052	0.036 1.067	0.034 1.083	0.033 1.100	0.032 1.111	0.031 1.122	0.031 1.133	0.030 1.144
I - imports d	from london that are sent direct to non-hazardous landfill		0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037
d ardous			1.881 0.023	1.881 0.024	1.881 0.024	1.881 0.025	1.881 0.026	1.881 0.026	1.881 0.027	1.881 0.027	1.881 0.028	1.881 0.028	1.881 0.029	1.881 0.029	1.881 0.030	1.881	1.881 0.030	1.881 0.031	1.881 0.031	1.881 0.031	1.881 0.032
ASTE STR	REAM TONNAGES TO MEET TARGETS (Million Tonnes)  LATS shortfall (how much extra is landfilled above LATS target)		-0.039	2007 -0.034	2008 -0.024	-0.010	2010 0.008	2011 0.016	2012 0.024	2013 0.030	2014 0.017	2015 0.003	2016 0.001	2017 0.000	-0.002	-0.004	-0.007	-0.006	-0.006	-0.006	-0.006
	Recycling and composting target		0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542
	Recovery target		0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228
	Non-hazardous landfill		0.406	0.393	0.380	0.365	0.341	0.307	0.273	0.239	0.223	0.206	0.196	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149
	Recycling and composting target		0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732
	Recovery target Non-hazardous landfill		0.119 0.367	0.124 0.357	0.128 0.347	0.133 0.336	0.139 0.324	0.151 0.311	0.164 0.298	0.177 0.285	0.190 0.270	0.204 0.255	0.209 0.247	0.215 0.238	0.220 0.228	0.225 0.219	0.231	0.229	0.227	0.224 0.195	0.222
	Recycling target		0.367	0.337	0.903	0.330	0.324	0.311	0.250	0.203	0.270	0.233	0.247	1.016	1.053	1.091	1 129	1.129	1.129	1.129	1.129
	Recovery target		0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557
	Inert landfill		0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196
ardous	Hazardous waste		0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	es that this e	extra waste i	is recycled/o	composted	and recover	ed at the sa	me ratio as	the regiona	targets for r	ecycling/co	mposting a	nd recovery	for that ye	ar.					
TING/P	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (																			
/ and C8	&I recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Total existing/planned MSW and C&I recovery capacity		0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
	Surplus/deficit capacity		-0.021	-0.036	-0.052	-0.069	-0.088	-0.122	-0.157	-0.194	-0.225	-0.258	-0.272	-0.286	-0.302	-0.317	-0.333	-0.328	-0.322	-0.316	-0.310
and C8	&I recycling and composting			1 419	1 419	1 419		1.419	1 419	4 440	1 419			1 419	1 419		1 419		1 419	1 419	1 419
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		1.419 1.118	1.419	1.419	1.419	1.419	1.419	1.419	1.419 1.118	1.419	1.419	1.419 1.118	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.856	0.811	0.765	0.716	0.659	0.614	0.568	0.522	0.489	0.454	0.422	0.389	0.354	0.319	0.283	0.249	0.215	0.180	0.110
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.555	0.510	0.464	0.415	0.358	0.313	0.267	0.221	0.188	0.153	0.121	0.088	0.053	0.018	-0.018	-0.052	-0.086	-0.121	-0.157
recyclin	ng																				
	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.865	-0.884	-0.903	-0.922	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.978	-1.016	-1.053	-1.091	-1.129	-1.129	-1.129	-1.129	-1.129
recover			1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	REGIONAL total existing/planned C&D recovery capacity Surplus/deficit capacity		1.794	1.710	0.984	0.912	0.839	0.807	0.775	0.743	0.711	0.679	0.677	0.676	0.675	0.674	0.673	0.686	0.699	0.713	0.726
rdous w	vaste recycling		1.120	1.000	0.304	0.312	0.000	0.007	0.113	0.740	0.711	0.013	0.011	0.070	0.073	0.014	0.073	0.000	0.000	0.710	0.720
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ardous w	vaste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
-hazardo			IN/PA	IN/A	INA	INA	IN/A	IN/A	IWA	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IVA	IN/A	IN/A	IN/A	IN/A	IN/A
· ··uzui·uu	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		8.515	7.427	6.356	5.305	4.274	3.272	2.317	1.409	0.549	-0.278	-1.071	-1.851	-2.615	-3.363	-4.094	-4.808	-5.520	-6.232	-6.943
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		8.515	7.403	6.306	5.225	4.163	3.127	2.132	1.180	0.270	-0.611	-1.465	-2.306	-3.134	-3.949	-4.748	-5.533	-6.315	-7.096	-7.876
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		8.515	7.332	6.157	4.992	3.838	2.702	1.592	0.509	-0.548	-1.590	-2.619	-3.641	-4.657	-5.666	-6.667	-7.659	-8.648	-9.632	-10.612
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		8.515	7.408	6.316	5.241	4.185	3.156	2.169	1.226	0.326	-0.545	-1.386	-2.215	-3.031	-3.832	-4.618	-5.388	-6.156	-6.923	-7.689
t landfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		8.515	7.354	6.205	5.067	3.942	2.837	1.764	0.722	-0.287	-1.279	-2.251	-3.216	-4.173	-5.120	-6.057	-6.983	-7.906	-8.825	-9.741
tianotiii	Available inert landfill capacity		11.526	11.176	10.834	10.499	10.172	9.852	9.543	9.246	8.960	8.686	8.422	8.167	7.918	7.677	7.444	7.219	7.000	6.790	6.586
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.526	11.152	10.783	10.420	10.061	9.707	9.359	9.017	8.681	8.352	8.029	7.711	7.399	7.092	6.790	6.493	6.205	5.925	5.654
ardous la																					
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
TA 01: A	ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year				2000		2010														
/ (1	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
/ (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%)	103%	106%	2.5% 108%	2.5% 111%	114%	2.5% 117%	119%	121%	124%	126%	129%	131%	133%	135%	137%	139%	141%	143%	145%	147%
v (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts			2.5%	2.5%		2.5%														
(1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%)	103% 0.643 2.0%	106% 0.659 2.0%	2.5% 108% 0.676 2.0%	2.5% 111% 0.693 2.0%	114% 0.710 2.0%	2.5% 117% 0.728 1.0%	119% 0.742 1.0%	121% 0.757 1.0%	124% 0.772 1.0%	126% 0.788 1.0%	129% 0.804 1.0%	131% 0.816 1.0%	133% 0.828 1.0%	135% 0.840 1.0%	137% 0.853	139% 0.866 0.5%	141% 0.879 0.5%	143% 0.892 0.5%	145% 0.905 <b>0.5</b> %	147% 0.919 0.5%
(1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - per year (%)	103% 0.643 2.0% 102%	106% 0.659 2.0% 104%	2.5% 108% 0.676 2.0% 106%	2.5% 111% 0.693 2.0% 108%	114% 0.710 2.0% 110%	2.5% 117% 0.728 1.0% 112%	119% 0.742 1.0% 113%	121% 0.757 1.0% 114%	124% 0.772 1.0% 115%	126% 0.788 1.0% 116%	129% 0.804 1.0% 117%	131% 0.816 1.0% 118%	133% 0.828 1.0% 120%	135% 0.840 1.0% 121%	137% 0.853 1.0% 122%	139% 0.866 0.5% 123%	141% 0.879 0.5% 123%	143% 0.892 0.5% 124%	145% 0.905 0.5% 124%	147% 0.919 0.5% 125%
(1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts	103% 0.643 2.0%	106% 0.659 2.0%	2.5% 108% 0.676 2.0%	2.5% 111% 0.693 2.0%	114% 0.710 2.0%	2.5% 117% 0.728 1.0%	119% 0.742 1.0%	121% 0.757 1.0%	124% 0.772 1.0%	126% 0.788 1.0%	129% 0.804 1.0%	131% 0.816 1.0%	133% 0.828 1.0%	135% 0.840 1.0%	137% 0.853	139% 0.866 0.5%	141% 0.879 0.5%	143% 0.892 0.5%	145% 0.905 <b>0.5</b> %	147% 0.919 0.5%
(1 (1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - per year (%)	103% 0.643 2.0% 102%	106% 0.659 2.0% 104%	2.5% 108% 0.676 2.0% 106%	2.5% 111% 0.693 2.0% 108%	114% 0.710 2.0% 110%	2.5% 117% 0.728 1.0% 112%	119% 0.742 1.0% 113%	121% 0.757 1.0% 114%	124% 0.772 1.0% 115%	126% 0.788 1.0% 116%	129% 0.804 1.0% 117%	131% 0.816 1.0% 118%	133% 0.828 1.0% 120%	135% 0.840 1.0% 121%	137% 0.853 1.0% 122%	139% 0.866 0.5% 123%	141% 0.879 0.5% 123%	143% 0.892 0.5% 124%	145% 0.905 0.5% 124%	147% 0.919 0.5% 125%
(1 (1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - comundative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of Cali in baseline year 1) Forecast regional level growth rate of Cali - per year (%) 1) Forecast regional level growth rate of Cali - per year (%) 1) Forecast regional level growth rate of Cali - cumulative (%)	103% 0.643 2.0% 102% 0.637 3.3% 110%	106% 0.659 2.0% 104% 0.650 2.5% 113%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116%	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119%	114% 0.710 2.0% 110% 0.690 2.5% 122%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125%	119% 0.742 1.0% 113% 0.703 2.0% 127%	121% 0.757 1.0% 114% 0.710 2.0% 130%	124% 0.772 1.0% 115% 0.718 2.0% 132%	126% 0.788 1.0% 116% 0.725 2.0% 135%	129% 0.804 1.0% 117% 0.732 2.0% 138%	131% 0.816 1.0% 118% 0.739 1.5% 140%	133% 0.828 1.0% 120% 0.747 1.5% 142%	135% 0.840 1.0% 121% 0.754 1.5% 144%	137% 0.853 1.0% 122% 0.762 1.5% 146%	139% 0.866 0.5% 123% 0.765 1.5% 148%	141% 0.879 0.5% 123% 0.769 1.0%	143% 0.892 0.5% 124% 0.773 1.0% 151%	145% 0.905 0.5% 124% 0.777 1.0% 153%	147% 0.919 <b>0.5%</b> 125% 0.781 1.0% 154%
(1 (1 (1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of Cal in baseline year 1) Forecast regional level growth rate of Cal - cumulative (%) Total arisings of Cal using regional growth forecasts	103% 0.643 2.0% 102% 0.637	106% 0.659 2.0% 104% 0.650 2.5%	2.5% 108% 0.676 2.0% 106% 0.663	2.5% 111% 0.693 2.0% 108% 0.676	114% 0.710 2.0% 110% 0.690 2.5%	2.5% 117% 0.728 1.0% 112% 0.696	119% 0.742 1.0% 113% 0.703	121% 0.757 1.0% 114% 0.710	124% 0.772 1.0% 115% 0.718	126% 0.788 1.0% 116% 0.725	129% 0.804 1.0% 117% 0.732	131% 0.816 1.0% 118% 0.739	133% 0.828 1.0% 120% 0.747	135% 0.840 1.0% 121% 0.754	137% 0.853 1.0% 122% 0.762 1.5%	139% 0.866 <b>0.5%</b> 123% 0.765	141% 0.879 0.5% 123% 0.769	143% 0.892 0.5% 124% 0.773	145% 0.905 0.5% 124% 0.777	147% 0.919 <b>0.5%</b> 125% 0.781
(1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - comunitative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - growth growth forecasts 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of Cal in baseline year 1) Forecast regional level growth rate of CAI - per year (%) 1) Forecast regional level growth rate of CAI - cumulative (%) Total arisings of CAI using regional growth forecasts 1) Forecast regional level growth rate of CAI - per year (%) 1) Forecast sub-regional level growth rate of CAI - per year (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8%	139% 0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0%	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0%
(1 (1 (1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) 1 Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1 Forecast sub-regional level growth rate of MSW - cumulative (%) 1 Total arisings of MSW using sub-regional growth forecasts 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) 1 Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1 Forecast sub-regional level growth rate of C&I - cumulative (%) 1 Forecast sub-regional level growth rate of C&I - cumulative (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109%	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8%	139% 0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127%	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0%
(n (n (n (n (n	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - comundative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - get year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8%	139% 0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0%	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0%
(1 (1 (1 (1 (1 (1 (1)	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 1) Forecast sub-regional level growth rate of C&I - gen year 2) Forecast sub-regional level growth rate of C&I - gen year 3) Forecast sub-regional level growth rate of C&I - gen year 3) Forecast sub-regional level growth rate of C&I - gen year 3) Forecast sub-regional level growth rate of C&I - gen year 3) Forecast sub-regional level growth rate of C&I - gen year 3) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 4) Forecast sub-regional level growth rate of C&I - gen year 5) Forecast sub-regional level growth rate of C&I - gen year 5) Forecast sub-regional growth rate of C&I - gen year 6) Forecast su	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109%	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115% 0.851	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8%	139% 0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127% 0.943	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0%
v (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of Razardous waste in baseline year 2 Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943	139% 0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127%	147% 0.919 <b>0.5%</b> 125% 0.781 1.0% 154% 1.144 <b>0.0%</b> 127% 0.943
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - comunative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of nazardous waste in baseline year 2) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 0.809	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 0.823 2.5%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.851 2.5%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928 1.5% 137%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943	139% 0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943 1.5%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943 1.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127% 0.943	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 0.943
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - per year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of Razardous waste in baseline year 2 Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782 3.3% 107%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.820 1.7% 111% 0.823	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 0.851	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 135%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 1.44% 1.067 0.8% 126% 0.936	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943	139% 0.866 0.5% 123% 0.765 1.5% 1.100 0.0% 127% 0.943 1.5% 144%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943 1.0% 146%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127% 0.943	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943
v (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) 1 Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1 Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) 1 Forecast regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 2) Forecast sub-regional level growth rate of C&I - cumulative (%) 1 Forecast sub-regional level growth rate of C&I - cumulative (%) 2) Forecast regional level growth rate of hazardous waste - per year (%) 4) Forecast sub-regional level growth rate of hazardous waste - per year (%) 5) Forecast sub-regional level growth rate of hazardous waste - per year (%) 6) Forecast sub-regional level growth rate of hazardous waste - per year (%) 6) Forecast sub-regional level growth rate of hazardous waste - per year (%) 6) Forecast sub-regional level growth rate of hazardous waste - per year (%) 6) Forecast sub-regional level growth rate of hazardous waste - per year (%) 6) Forecast sub-regional level growth rate of hazardous waste - per year (%) 6) Forecast sub-regional level growth rate of hazardous waste - per year (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 0.782 3.3% 107% 0.023 1.7% 1.02%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809 1.25% 112% 10.024 1.7%	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823 2.5% 115% 0.024 1.7%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 0.925 1.6% 115% 0.851 2.5% 121% 0.026 1.63 113%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.027 1.6% 128% 128% 128% 128%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 0.906 2.0% 131% 0.028 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133% 0.014 2.0% 133% 124 125% 12	131% 0.816 1.0% 1.18% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 1.5% 0.029 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 0.928 1.5% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.88%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943 1.5% 141% 0.030 0.8% 125%	139% 0.866 0.5% 123% 0.765 1.5% 1.48% 1.100 0.0% 0.943 1.5% 1.44% 0.030 0.030 1.25%	141% 0.879 0.5% 123% 0.769 1.0% 150% 150% 1.111 0.0% 127% 0.943 1.0% 145% 0.031 0.0% 125%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 0.943 1.0% 146% 0.031 0.031	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 148% 0.031 0.031	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149% 0.032 0.0% 125%
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - comunitative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of Call in baseline year 1) Forecast regional level growth rate of Cal - per year (%) 1) Forecast sub-regional level growth rate of Cal - cumulative (%) Total arisings of Cal using regional growth forecasts 1) Forecast sub-regional level growth rate of Cal - per year (%) 1) Forecast sub-regional level growth rate of Cal - per year (%) 1) Forecast sub-regional level growth rate of Cal - using using the complex of Call using sub-regional growth forecasts Arisings of hazardous waste in baseline year 2 Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2 Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782 3.3% 107% 0.023 1.7%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 0.809	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823 2.5% 115% 0.024 1.7%	114% 0.710 2.0% 110% 0.690 2.5% 1.22% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115% 0.851 2.5% 121%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.027 1.6%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906 131% 0.028 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133% 0.912 0.028 0.028	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 135% 0.029 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928 1.5% 0.928 1.5% 0.029 0.8%	135% 0.840 1.0% 121% 0.754 1.5% 1.44% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.8%	137% 0.853 1.0% 122% 0.762 1.5% 1.46% 1.083 0.8% 127% 0.943 1.5% 1.5% 0.030 0.8%	139% 0.866 0.5% 123% 0.765 1.5% 1.100 0.0% 1.27% 0.943 1.5% 1.44% 0.030 0.00%	141% 0.879 0.5% 123% 0.769 1.0% 1.111 0.0% 0.943 1.0% 1.45% 0.031 0.031	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 0.943 1.0% 1.40% 0.031 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 1.0% 1.0%	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149% 0.032
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(f)	1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - comunitative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of Call in baseline year 1) Forecast regional level growth rate of Cal - per year (%) 1) Forecast sub-regional level growth rate of Cal - cumulative (%) Total arisings of Cal using regional growth forecasts 1) Forecast sub-regional level growth rate of Cal - per year (%) 1) Forecast sub-regional level growth rate of Cal - per year (%) 1) Forecast sub-regional level growth rate of Cal - using using the complex of Call using sub-regional growth forecasts Arisings of hazardous waste in baseline year 2 Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2 Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 0.782 3.3% 107% 0.023 1.7% 1.02%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7%	2.5% 108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809 1.25% 112% 10.024 1.7%	2.5% 111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823 2.5% 115% 0.024 1.7%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7%	2.5% 117% 0.728 1.0% 112% 0.696 2.5% 0.925 1.6% 115% 0.851 2.5% 121% 0.026 1.63 113%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.027 1.6% 128% 128% 128% 128%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 0.906 2.0% 131% 0.028 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133% 0.014 2.0% 133% 124 125% 12	131% 0.816 1.0% 1.18% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 1.5% 0.029 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 0.928 1.5% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.88%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943 1.5% 141% 0.030 0.8% 125%	139% 0.866 0.5% 123% 0.765 1.5% 1.48% 1.100 0.0% 0.943 1.5% 1.44% 0.030 0.030 1.25%	141% 0.879 0.5% 123% 0.769 1.0% 150% 150% 1.111 0.0% 127% 0.943 1.0% 145% 0.031 0.0% 125%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 0.943 1.0% 146% 0.031 0.031	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 148% 0.031 0.031	147% 0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149% 0.032 0.0% 125%

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

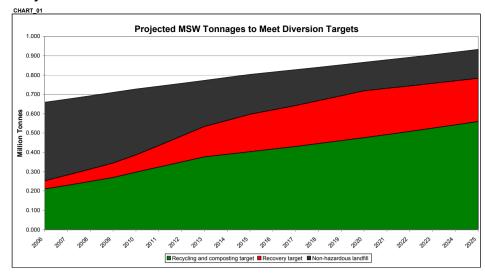
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

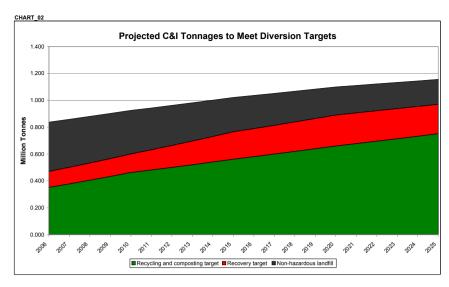
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	45%	45%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.065	0.063	0.062	0.060	0.059	0.057	0.054	0.051	0.047	0.044	0.041	0.039	0.038	0.036	0.034	0.033	0.032	0.031	0.031	0.030	0.029
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FOREC	AST 45%	45%	45%	45%	45%	45%	45%	45%	45%	44%	44%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.066	0.065	0.063	0.062	0.060	0.058	0.055	0.051	0.048	0.045	0.041	0.040	0.038	0.036	0.035	0.033	0.032	0.032	0.031	0.030	0.030
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	55%	55%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.083	0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037	0.036
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECA	ST 55%	55%	55%	55%	55%	55%	55%	55%	55%	56%	56%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.081	0.079	0.077	0.075	0.073	0.071	0.067	0.064	0.060	0.056	0.052	0.050	0.047	0.045	0.043	0.041	0.040	0.039	0.038	0.037	0.036

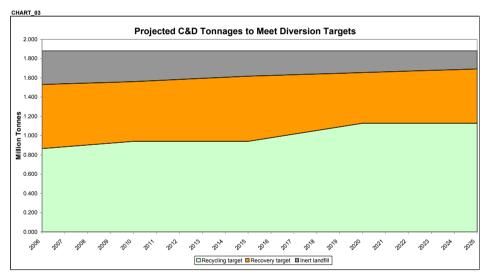
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

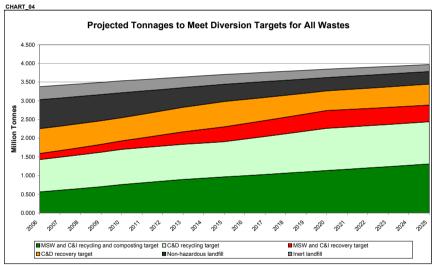
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	0.643	0.659	0.676	0.693	0.710	0.728	0.742	0.757	0.772	0.788	0.804	0.816	0.828	0.840	0.853	0.866	0.879	0.892	0.905	0.919	0.933
msw - imports from london that are sent direct to non-hazardous landfill	0.065	0.063	0.062	0.060	0.059	0.057	0.054	0.051	0.047	0.044	0.041	0.039	0.038	0.036	0.034	0.033	0.032	0.031	0.031	0.030	0.029
c&i	0.817	0.838	0.859	0.880	0.902	0.925	0.943	0.962	0.981	1.001	1.021	1.036	1.052	1.067	1.083	1.100	1.111	1.122	1.133	1.144	1.156
c&l - imports from london that are sent direct to non-hazardous landfill	0.083	0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037	0.036
c&d	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881
hazardous	0.023	0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032
·																					
DATA 04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.325	0.316	0.301	0.282	0.258	0.229	0.204	0.178	0.153	0.146	0.140	0.133	0.126	0.120	0.113	0.107	0.107	0.107	0.107	0.107	0.107
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

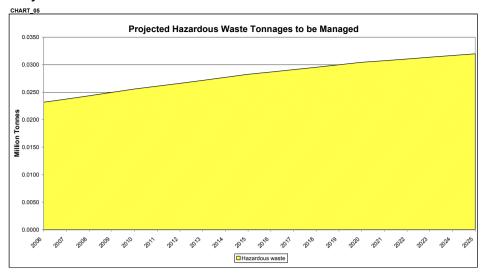
DATA_05: V	NASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.225	0.253	0.283	0.313	0.345	0.378	0.419	0.460	0.504	0.548	0.595	0.618	0.642	0.667	0.693	0.718	0.731	0.744	0.757	0.770	0.783
	Total MSW not-diverted by targets	0.418	0.406	0.393	0.380	0.365	0.349	0.324	0.297	0.269	0.239	0.209	0.197	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149	0.149
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.284	0.276	0.267	0.258	0.248	0.238	0.220	0.202	0.183	0.163	0.142	0.134	0.126	0.118	0.109	0.100	0.100	0.101	0.101	0.101	0.101
	LATS shortfall (how much extra is landfilled above LATS target)	-0.041	-0.039	-0.034	-0.024	-0.010	0.008	0.016	0.024	0.030	0.017	0.003	0.001	0.000	-0.002	-0.004	-0.007	-0.006	-0.006	-0.006	-0.006	-0.005
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.007	0.009	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.006	0.012	0.017	0.021	0.012	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.193	0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542	0.560
	Recovery target	0.032	0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228	0.224
	Non-hazardous landfill	0.418	0.406	0.393	0.380	0.365	0.341	0.307	0.273	0.239	0.223	0.206	0.196	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149	0.149
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.327	0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732	0.751
	Recovery target	0.114	0.119	0.124	0.128	0.133	0.139	0.151	0.164	0.177	0.190	0.204	0.209	0.215	0.220	0.225	0.231	0.229	0.227	0.224	0.222	0.220
	Non-hazardous landfill	0.376	0.367	0.357	0.347	0.336	0.324	0.311	0.298	0.285	0.270	0.255	0.247	0.238	0.228	0.219	0.209	0.204	0.200	0.195	0.190	0.185
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1 091	1,129	1.129	1.129	1.129	1.129	1.129
	Recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
	Inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hazardous	Hazardous waste	2005 0.023	2006 0.023	0.024	2008 0.024	0.025	2010 0.026	0.026	0.027	2013 0.027	2014 0.028	2015 0.028	2016 0.029	2017 0.029	2018 0.030	2019 0.030	0.030	2021 0.031	0.031	0.031	0.032	0.032
Hazaruous	riazalutus waste	0.023	0.023	0.024	0.024	0.025	0.020	0.020	0.021	0.027	0.020	0.020	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032
DATA_06: 1	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.520	0.563	0.608	0.654	0.703	0.760	0.805	0.851	0.897	0.930	0.965	0.997	1.030	1.064	1.100	1.136	1.170	1.204	1.239	1.274	1.311
	C&D recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129	1.129
	MSW and C&I recovery target	0.147	0.161	0.176	0.192	0.209	0.228	0.262	0.297	0.334	0.366	0.398	0.412	0.426	0.442	0.457	0.473	0.468	0.462	0.456	0.450	0.443
	C&D recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
	Non-hazardous landfill	0.794	0.773	0.750	0.726	0.700	0.665	0.618	0.571	0.523	0.493	0.462	0.443	0.423	0.402	0.379	0.356	0.352	0.348	0.343	0.339	0.334
	Inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
	Hazardous waste	0.023	0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032









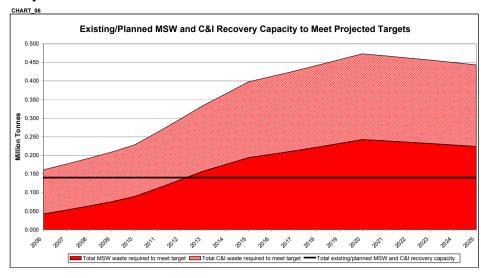


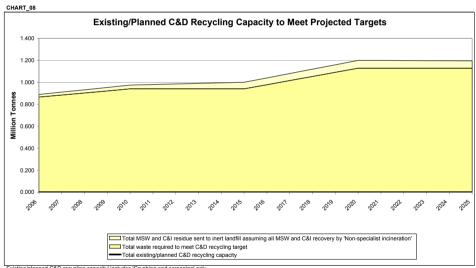
DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

37. EXISTING! EXISTED ON AGE! FOR REGIONAL, REGIONAL AND EXIST IEEE AND TOTAL WASTE TOWNSDED TO EX	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2017	2010	2010	LULU	LULI	LULL	LULU	LULI	
MSW and C&I incineration (non-specialist)	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
MSW and C&I treatment	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Total existing/planned MSW and C&I recovery capacity	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
Total MSW waste required to meet target	0.032	0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228	0.224
Total C&I waste required to meet target	0.114	0.119	0.124	0.128	0.133	0.139	0.151	0.164	0.177	0.190	0.204	0.209	0.215	0.220	0.225	0.231	0.229	0.227	0.224	0.222	0.220
Surplus/deficit capacity	-0.007	-0.021	-0.036	-0.052	-0.069	-0.088	-0.122	-0.157	-0.194	-0.225	-0.258	-0.272	-0.286	-0.302	-0.317	-0.333	-0.328	-0.322	-0.316	-0.310	-0.303
MSW and C&I recycling and composting																					
MSW and C&I recycling	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017	1.017
MSW and C&I transfer	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007	2.007
Total existing/planned MSW and C&I composting capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419	1.419
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118	1.118
Total MSW waste required to meet recycling and composting target	0.193	0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542	0.560
Total C&I waste required to meet recycling and composting target	0.327	0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732	0.751
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.899	0.856	0.811	0.765	0.716	0.659	0.614	0.568	0.522	0.489	0.454	0.422	0.389	0.354	0.319	0.283	0.249	0.215	0.180	0.144	0.108
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.598	0.555	0.510	0.464	0.415	0.358	0.313	0.267	0.221	0.188	0.153	0.121	0.088	0.053	0.018	-0.018	-0.052	-0.086	-0.121	-0.157	-0.193
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129	1.129
Surplus/deficit capacity	-0.846	-0.865	-0.884	-0.903	-0.922	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.978	-1.016	-1.053	-1.091	-1.129	-1.129	-1.129	-1.129	-1.129	-1.129
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
Surplus/deficit capacity	1.200	1.128	1.056	0.984	0.912	0.839	0.807	0.775	0.743	0.711	0.679	0.677	0.676	0.675	0.674	0.673	0.686	0.699	0.713	0.726	0.739
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A																			
Surplus/deficit capacity	N/A	N/A																			
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A																			
Surplus/deficit capacity	N/A	N/A																			
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		8.515	7.427	6.356	5.305	4.274	3.272	2.317	1.409	0.549	-0.278	-1.071	-1.851	-2.615	-3.363	-4.094	-4.808	-5.520	-6.232	-6.943	-7.653
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		8.515	7.403	6.306	5.225	4.163	3.127	2.132	1.180	0.270	-0.611	-1.465	-2.306	-3.134	-3.949	-4.748	-5.533	-6.315	-7.096	-7.876	-8.653
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		8.515	7.332	6.157	4.992	3.838	2.702	1.592	0.509	-0.548	-1.590	-2.619	-3.641	-4.657	-5.666	-6.667	-7.659	-8.648	-9.632	-10.612	-11.588
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		8.515	7.408	6.316	5.241	4.185	3.156	2.169	1.226	0.326	-0.545	-1.386	-2.215	-3.031	-3.832	-4.618	-5.388	-6.156	-6.923	-7.689	-8.453
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		8.515	7.354	6.205	5.067	3.942	2.837	1.764	0.722	-0.287	-1.279	-2.251	-3.216	-4.173	-5.120	-6.057	-6.983	-7.906	-8.825	-9.741	-10.654
Total MSW and C&I waste sent direct to non-hazardous landfill		0.773	0.750	0.726	0.700	0.665	0.618	0.571	0.523	0.493	0.462	0.443	0.423	0.402	0.379	0.356	0.352	0.348	0.343	0.339	0.334
Inert landfill																					
Available inert landfill capacity		11.526	11.176	10.834	10.499	10.172	9.852	9.543	9.246	8.960	8.686	8.422	8.167	7.918	7.677	7.444	7.219	7.000	6.790	6.586	6.391
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.526	11.152	10.783	10.420	10.061	9.707	9.359	9.017	8.681	8.352	8.029	7.711	7.399	7.092	6.790	6.493	6.205	5.925	5.654	5.390
Total C&D waste sent direct to inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	١	I/A N	I/A N	/A N	/A N	/A N	/A N	/A N	/A N	I/A N	/A N	/A N	/A N	/A N	/A N	/A N	/A N	/A N	I/A N	/A N	/A
Other																					
Metal/ELV facility	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
Ignored	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571	2.571
Člosed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

DATA 08	RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_00	Recovery residues (% by weight)	2005	2000	2007	2006	2009	2010	2011	2012	2013	2014	2015	2010	2017	2010	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59	3 59
	MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
	MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Recycling residues (% by weight) MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	C&D recycling	10 5	10	10	10	10	10 5	10 5	10 5	10	10 5	10 5	10 5	10 5	10	10	10 5	10 5	10	10 5	10 5	10 5
	Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	h the self-suffi	iciency requi	irements of	PPS10																	
DATA_09	: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recovery residues (of waste managed):  MSW and CR incorporation (non appointing bottom and	0.044	0.048	0.053	0.058	0.063	0.068	0.079	0.089	0.100	0.110	0.119	0.124	0.128	0.133	0.137	0.142	0.140	0.139	0.137	0.135	0.133
	MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash	0.004	0.048	0.005	0.006	0.003	0.008	0.079	0.009	0.100	0.110	0.012	0.124	0.128	0.133	0.137	0.014	0.014	0.139	0.137	0.133	0.133
	MSW and C&I to MBT	0.086	0.095	0.104	0.113	0.123	0.134	0.155	0.175	0.197	0.216	0.235	0.243	0.252	0.261	0.270	0.279	0.276	0.273	0.269	0.265	0.262
	MSW and C&I to RDF	0.018	0.019	0.021	0.023	0.025	0.027	0.031	0.036	0.040	0.044	0.048	0.049	0.051	0.053	0.055	0.057	0.056	0.055	0.055	0.054	0.053
	MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	0.066 0.007	0.073 0.008	0.079 0.009	0.086 0.010	0.094 0.010	0.103 0.011	0.118 0.013	0.134 0.015	0.150 0.017	0.164 0.018	0.179 0.020	0.185 0.021	0.192 0.021	0.199 0.022	0.206 0.023	0.213 0.024	0.211 0.023	0.208	0.205 0.023	0.202	0.200 0.022
	Hazardous waste recovery							1/A N.			/A N						/A N					Δ.022
	Recycling residues (of waste managed):			.,,	.,,	,,,			,,,	.,,								,,,				
	MSW and C&I recycling and composting	0.078	0.084	0.091	0.098	0.105	0.114	0.121	0.128	0.134	0.140	0.145	0.150	0.154	0.160	0.165	0.170	0.175	0.181	0.186		0.197
	C&D recycling	0.085	0.087	0.088	0.090	0.092	0.094	0.094	0.094	0.094	0.094	0.094	0.098	0.102	0.105	0.109	0.113		0.113			
	nazaroous waste recycling	N/A I	WA P	VA I	N/A IN	/A N	VA P	N/A N	/A IN	I/A IN	/A N	/A IN/	A IN	A N	/A IN/	A N	/A N	/A IN/	A N	A N//	A IN/	<u> </u>
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	h the self-suffi	iciency requi	irements of	PPS10.																	
	C8D recycling 6.085 0.087 0.088 0.090 0.092 0.094 0.094 0.094 0.094 0.094 0.094 0.094 0.094 0.098 0.102 0.105 0.109 0.113 0.11																					
DATA_10	TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2000	2000	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2021	2022	2022	2024	2025
	Total MSW and C&I recycling and composting residue sent to non-hazardous landfill																					0.309
DATA_11	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million																					
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.024	0.026	0.029	0.031	0.034	0.039	0.045	0.050	0.055	0.060	0.062	0.064	0.066	0.069	0.071	0.070	0.069	0.068	0.067	0.067
	(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.024	0.026	0.029	0.031	0.034	0.039	0.045	0.050	0.055	0.060	0.062	0.064	0.066	0.069	0.071	0.070	0.069	0.068	0.067	0.067
	SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.086	0.095	0.104	0.113	0.123	0.134	0.155	0.175	0.197	0.216	0.235	0.243	0.252	0.261	0.270	0.279	0.276	0.273	0.269	0.265	0.262
	Total MSW and C&I residue sent to non-hazardous landfill	0.018	0.019	0.021	0.023	0.025	0.027	0.031	0.036	0.040	0.044	0.048	0.049	0.051	0.053	0.055	0.057	0.056	0.055	0.055	0.054	0.053
	SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to non-hazardous landfill	0.066	0.073	0.079	0.086	0.094	0.103	0.118	0.134	0.150	0.164	0.179	0.185	0.192	0.199	0.206	0.213	0.211	0.208	0.205	0.202	0.200
	(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la	ndfill. In the o	riginal mode	el assumptio	ons develope	d MEL 50%	6 was assur	med to go to	C&D recyc	ling, rather t	han to inert	landfi										
DATA 12	TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)																					
DATA_12	ONNAGES OF CAD REGISE ON NON-FIAZARDOUS AND INEXT LANDFILE (WIIIION TOTTINGS)	39 9	%																			
	(1) C&D reused on exempt sites	61 9	%																			
	(1) C&D reused on landfill sites sent to 'non-haz landfill'	30 9																				
	(1) C&D reused on landfill sites sent to 'inert landfill'	70 9	%																			
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Total C&D reused on non-hazardous landfill	0.079	0.077	0.076	0.075	0.074	0.072	0.074	0.075	0.076	0.077	0.079	0.075	0.072	0.068	0.065	0.061	0.062	0.063	0.064	0.065	0.066
	Total reused C&D on inert landfill	0.184	0.181	0.178	0.175	0.172	0.169	0.172	0.175	0.178	0.181	0.184	0.176	0.168	0.159	0.151	0.143	0.145	0.147	0.149	0.151	0.153
	(1) C&D reuse rates based on original model assumptions developed MEL																					
	NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	upplied by ear	ch sub-regio	n has acco	unted for C&	D reuse as	an enginee	ering material	l.													
			_				-	-														
DATA_13	TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total MSW and C&I recycling and composting residue sent to hazardous landfill									Z013					/A N/		/A N			/A N/		A 2025
DATA_14	TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.013	0.013
	SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.001	0.000	0.000	0.000	0.000	0.007	0.000	0.000	0.010	0.011	0.012	0.012	0.010	0.010	0.011	0.011	0.011	0.011	0.011	0.010	0.010
	Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
	Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.007	0.008	0.009	0.010	0.010	0.011	0.013	0.015	0.017	0.018	0.020	0.021	0.021	0.022	0.023	0.024	0.023	0.023	0.023	0.022	0.022
						2.310	2.011	0.0														
	NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of m	anaged waste	versus ava	ilable capad	city.																	
DATA 45																						
DA I A_15	TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To	onnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Total hazardous waste recycling and recovery residue sent to hazardous landfill		V/A N	I/A N	1/A N	/A N	I/A N	1/A N	/A N	I/A N		/A N/	A N/	A N	/A N/	A N	/A N	/A N/	/A N	/A N/		4
		-																				

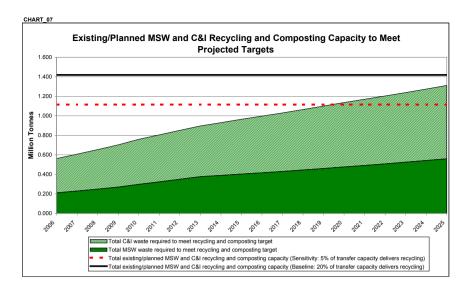


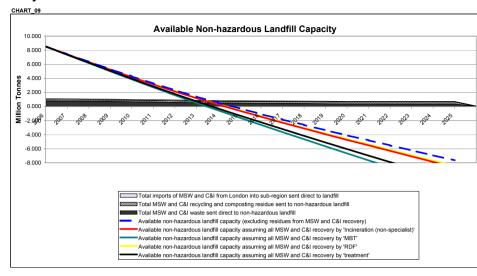


Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

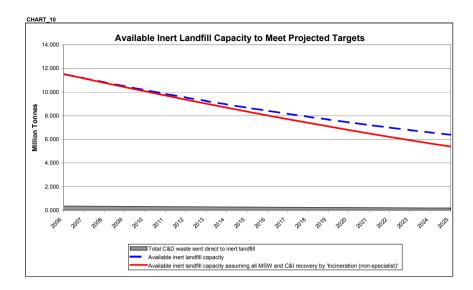
NOTE: This capacity does not represent the quantity of material that is recycled.

NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)









#### SUMMARY DATA AND RESULTS FOR WEST SUSSEX

IANAGED WA	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
ISW ISW = imports f	from london that are sent direct to non-hazardous landfill		0.490 0.062	0.502 0.061	0.515 0.059	0.528 0.057	0.541 0.056	0.552 0.053	0.563 0.050	0.574	0.585 0.043	0.597	0.606 0.039	0.615 0.037	0.624 0.035	0.634	0.643 0.032	0.653 0.031	0.663 0.031	0.673 0.030	0.683
&i	tom london that are sent direct to normazardous landing		0.876	0.897	0.920	0.943	0.966	0.986	1.006	1.026	1.046	1.067	1.083	1.099	1.116	1.133	1.150	1.161	1.173	1.184	1.196
&I - imports fro &d	om london that are sent direct to non-hazardous landfill		0.111	0.108 1.302	0.105 1.302	0.103	0.100 1.302	0.094	0.089 1.302	0.083 1.302	0.077	0.072	0.069 1.302	0.066	0.063	0.060 1.302	0.057	0.056 1.302	0.054 1.302	0.053 1.302	0.051
a zardous			0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034		0.034	0.035	0.035	0.035
	AM TONNAGES TO MEET TARGETS (Million Tonnes)  ATS chartfall (how much outre in landfilled above LATS target)		-0.052	2007 -0.045	-0.035	-0.021	-0.003	2011 0.004	2012 0.010	2013	2014	2015 -0.004	-0.005	2017 -0.005	2018 -0.007	2019 -0.008	-0.009	-0.009	-0.009	-0.009	-0.009
	LATS shortfall (how much extra is landfilled above LATS target) Recycling and composting target		0.157	0.171	0.185	0.200	0.216	0.004	0.070	0.016 0.275	0.006 0.285	0.299	0.309	0.320	0.331	0.342	0.354	0.366	0.378	0.390	0.403
	Recovery target		0.031	0.039	0.103	0.056	0.065	0.080	0.233	0.115	0.128	0.143	0.150	0.157	0.165	0.172	0.180	0.178	0.175	0.172	0.169
1	Non-hazardous landfill		0.302	0.292	0.282	0.271	0.260	0.237	0.210	0.184	0.171	0.155	0.147	0.138	0.129	0.119	0.109	0.110	0.110	0.110	0.111
	Recycling and composting target		0.368	0.395	0.423	0.453	0.483	0.503	0.523	0.544	0.565	0.587	0.607	0.627	0.647	0.668	0.690	0.708	0.727	0.746	0.766
	Recovery target		0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.185	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.232
	Non-hazardous landfill		0.384	0.373	0.362	0.351	0.338	0.325 0.651	0.312	0.297	0.282	0.267	0.258	0.248	0.239	0.229	0.218	0.214	0.209	0.204	0.199
	Recycling target Recovery target		0.599	0.612	0.025	0.036	0.051	0.051	0.001	0.651	0.051	0.001	0.677	0.703	0.729	0.755	0.761	0.761	0.761	0.761	0.761
	nert landfill		0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135
ardous F	-lazardous waste		0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035
1	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume:	es that this e	extra waste	is recycled/	composted	and recove	ed at the sa	me ratio as	the regiona	l targets for	ecycling/co	mposting ar	nd recovery	for that ye	ear.					
STING/PLA	INNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (																			
V and C&I r	recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Fotal existing/planned MSW and C&I recovery capacity		0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
5	Surplus/deficit capacity		-0.014	-0.027	-0.040	-0.054	-0.068	-0.097	-0.127	-0.158	-0.186	-0.215	-0.228	-0.240	-0.253	-0.266		-0.275		-0.265	-0.260
and C&I	recycling and composting																				
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214		0.214	0.214
	Fotal existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.078 -0.311	0.078 -0.352	0.078 -0.395	0.078 -0.439	0.078 -0.486	0.078 -0.524	0.078 -0.564	0.078 -0.605	0.078 -0.637	0.078 -0.672	0.078 -0.702	0.078	0.078 -0.764	0.078 -0.797	0.078	0.078 -0.860	0.078 -0.891	0.078 -0.923	0.078 -0.955
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling) Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.311	-0.352 -0.487	-0.395 -0.530	-0.439 -0.575	-0.486	-0.524 -0.659	-0.564 -0.700	-0.605	-0.637	-0.672	-0.702	-0.733	-0.764	-0.797	-0.830	-0.860	-0.891	-0.923 -1.058	-0.955
recycling	surplus/deficit capacity (sensitivity, 5% of transfer capacity delivers recycling)		-0.440	-0.407	-0.550	-0.575	-0.021	-0.009	-0.700	-0.741	-0.112	-0.007	-0.037	-0.000	-0.500	-0.532	-0.903	-0.550	-1.021	-1.000	-1.090
	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5	Surplus/deficit capacity		-0.599	-0.612	-0.625	-0.638	-0.651	-0.651	-0.651	-0.651	-0.651	-0.651	-0.677	-0.703	-0.729	-0.755	-0.781	-0.781	-0.781	-0.781	-0.781
ecovery																					
F	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Burplus/deficit capacity ste recycling		1.333	1.257	1.182	1.106	1.030	1.002	0.973	0.944	0.916	0.887	0.877	0.866	0.856	0.845	0.835	0.850	0.866	0.882	0.897
	Fotal existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
	ste recovery																				
	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
nazardous ,	। landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		2.437	1.440	0.459	-0.503	-1.447	-2.370	-3.255	-4.097	-4.895	-5.663	-6.395	-7.111	-7.813	-8.498	-9.166	-9.818	-10.467	-11.115	-11.760
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		2.437	1.440	0.439	-0.503	-1.552	-2.507	-3.427	-4.097 -4.309	-5.153	-5.969	-6.755	-7.111	-8.286	-9.030	-9.760	-10 474		-11.115	-12 602
,	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		2.437	1.348	0.268	-0.802	-1.861	-2.908	-3.933	-4.933	-5.908	-6.869	-7.811	-8.746	-9.672	-10.590	-11.500	-12.399	-13.295	-14.185	-15.070
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		2.437	1.421	0.420	-0.564	-1.531	-2.480	-3.393	-4.267	-5.101	-5.908	-6.683	-7.444	-8.191	-8.924	-9.641	-10.343	-11.042	-11.739	-12.433
<u> </u>	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		2.437	1.370	0.314	-0.731	-1.763	-2.780	-3.772	-4.735	-5.668	-6.582	-7.475	-8.358	-9.231	-10.094	-10.946	-11.787	-12.624	-13.456	-14.285
landfill																					
	Available inert landfill capacity		0.000	-0.242 -0.266	-0.479 -0.528	-0.711 -0.787	-0.937 -1.043	-1.159 -1.295	-1.372 -1.545	-1.578 -1.791	-1.776 -2.033	-1.966 -2.273	-2.148 -2.508	-2.325 -2.741	-2.497 -2.970	-2.664 -3.196	-2.825 -3.418	-2.982 -3.638	-3.133 -3.851	-3.278 -4.059	-3.419 -4.261
rdous land	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.266	-0.528	-0.787	-1.043	-1.295	-1.545	-1./91	-2.033	-2.2/3	-2.508	-2.741	-2.970	-3.196	-3.418	-3.638	-3.851	-4.059	-4.261
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
	•																				
	SINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - cumulative (%)	103%	106%	108%	111%	114%	117%	119%	121%	124%	126%	129%	131%	133%	135%	137%		141%	143%	145%	147%
(1) [	Fotal arisings of MSW using regional growth forecasts	0.478	0.490	0.502	0.515	0.528	0.541	0.552	0.563	0.574	0.585	0.597	0.606	0.615	0.624	0.634	0.643	0.653	0.663	0.673	0.683
	Forecast sub-regional growth rate of MSW - per year (%)	3.0%	3.0%	3.0%	2.0%	2.0%	2.0%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
	Forecast sub-regional level growth rate of MSW - cumulative (%)	103%	106%	109%	111%	114%	116%	118%	119%	121%	122%	123%	124%	126%	127%	128%	129%	131%	132%	133%	135%
		0.478	0.492	0.507	0.517	0.528	0.538	0.549	0.554	0.560	0.565	0.571	0.577	0.583	0.588	0.594	0.600	0.606	0.612	0.618	0.625
1	Total arisings of MSW using sub-regional growth forecasts						2.5%														
7	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year								2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(1) F	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%		2.0%												4.400/	
(1) F (1) F	Total arisings of MSW using sub-regional growth forecasts  visings of C&I in baseline year  orecast regional level growth rate of C&I - per year (%)  orecast regional level growth rate of C&I - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%		146%	148%	149%
(1) F (1) F (1) F	Total arisings of MSW using sub-regional growth forecasts Arisings of C8I in baseline year											133% 1.067	135% 1.083	137% 1.099	139% 1.116	141% 1.133	144% 1.150	1.161	146% 1.173	148% 1.184	149% 1.196
(1) F (1) F (1) F (1) F	Total arisings of MSW using sub-regional growth forecasts  visings of C&I in baseline year  orecast regional level growth rate of C&I - per year (%)  orecast regional level growth rate of C&I - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%										
(1) F (1) F (1) F (1) F (1) F	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year - orecast regional level growth rate of C&I - per year (%) - orecast regional level growth rate of C&I - cumulative (%) - orecast regional level growth rate of C&I - cumulative (%) - orecast sub-regional level growth rate of C&I - per year (%)	107% 0.854 1.5%	109% 0.876 1.5%	112% 0.897 1.0%	115% 0.920 1.0%	118% 0.943 1.0%	121% 0.966 0.5%	123% 0.986 <b>0.5%</b>	126% 1.006 0.5%	128% 1.026 0.5%	131% 1.046 0.5%	1.067	1.083	1.099	1.116	1.133	1.150	1.161	1.173	1.184	1.196
(1) F (1) F (1) F (1) F (1) F	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Orecast regional level growth rate of C&I - per year (%) Orecast regional level growth rate of C&I - per year (%) Orecast sub-regional level growth rate of C&I - per year Orecast sub-regional level growth rate of C&I - per year (%) Orecast sub-regional level growth rate of C&I - cumulative (%) Orecast sub-regional level growth rate of C&I - cumulative (%) Orecast sub-regional gub-regional growth forecasts Arisings of hazardous waste in baseline year	107% 0.854 1.5% 103% 0.825	109% 0.876 1.5% 105% 0.838	112% 0.897 1.0% 106% 0.846	115% 0.920 1.0% 107% 0.854	118% 0.943 1.0% 108% 0.863	121% 0.966 <b>0.5%</b> 108% 0.867	123% 0.986 <b>0.5%</b> 109% 0.872	126% 1.006 <b>0.5%</b> 109% 0.876	128% 1.026 <b>0.5%</b> 110% 0.880	131% 1.046 <b>0.5%</b> 110% 0.885	1.067 0.0% 110% 0.885	1.083 0.0% 110% 0.885	1.099 0.0% 110% 0.885	1.116 0.0% 110% 0.885	1.133 0.0% 110% 0.885	1.150 0.0% 110% 0.885	1.161 0.0% 110% 0.885	1.173 0.0% 110% 0.885	1.184 0.0% 110% 0.885	1.196 0.0% 110% 0.885
(1) F (1) F (1) F (1) F (1) F (2) F	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year  orecast regional level growth rate of C&I - per year (%)  orecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  orecast sub-regional level growth rate of C&I - per year (%)  orecast sub-regional level growth rate of C&I - per year (%)  orecast sub-regional level growth rate of C&I - per year (%)  Total arisings of C&I using sub-regional growth forecasts  Nisings of hazardous waste in baseline year  orecast signal level growth rate of hazardous waste - per year (%)	107% 0.854 1.5% 103% 0.825	109% 0.876 1.5% 105% 0.838	112% 0.897 1.0% 106% 0.846	115% 0.920 1.0% 107% 0.854	118% 0.943 1.0% 108% 0.863 2.5%	121% 0.966 0.5% 108% 0.867	123% 0.986 <b>0.5%</b> 109% 0.872 2.0%	126% 1.006 0.5% 109% 0.876	128% 1.026 0.5% 110% 0.880	131% 1.046 0.5% 110% 0.885	1.067 0.0% 110% 0.885	1.083 0.0% 110% 0.885 1.5%	1.099 0.0% 110% 0.885 1.5%	1.116 0.0% 110% 0.885	1.133 0.0% 110% 0.885	1.150 0.0% 110% 0.885	1.161 0.0% 110% 0.885	1.173 0.0% 110% 0.885	1.184 0.0% 110% 0.885	1.196 0.0% 110% 0.885
(1) F (1) F (1) F (1) F (1) F (2) F (2) F	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Orecast regional level growth rate of C&I - per year (%) Orecast regional level growth rate of C&I - unulative (%) Total arisings of C&I using regional growth forecasts Undergional level growth rate of C&I - per year (%) Orecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Orecast such growth rate of ABZ aradous waste - cumulative (%) Orecast regional level growth rate of hazardous waste - cumulative (%)	107% 0.854 1.5% 103% 0.825 3.3% 107%	109% 0.876 1.5% 105% 0.838 2.5% 109%	112% 0.897 1.0% 106% 0.846 2.5% 112%	115% 0.920 1.0% 107% 0.854 2.5% 115%	118% 0.943 1.0% 108% 0.863 2.5% 118%	121% 0.966 0.5% 108% 0.867 2.5% 121%	123% 0.986 <b>0.5%</b> 109% 0.872 2.0% 123%	126% 1.006 <b>0.5%</b> 109% 0.876 2.0% 126%	128% 1.026 <b>0.5%</b> 110% 0.880 2.0% 128%	131% 1.046 0.5% 110% 0.885 2.0% 131%	1.067 0.0% 110% 0.885 2.0% 133%	1.083 0.0% 110% 0.885 1.5% 135%	1.099 0.0% 110% 0.885 1.5% 137%	1.116 0.0% 110% 0.885 1.5% 139%	1.133 0.0% 110% 0.885 1.5% 141%	1.150 0.0% 110% 0.885 1.5% 144%	1.161 0.0% 110% 0.885 1.0% 145%	1.173 0.0% 110% 0.885 1.0% 146%	1.184 0.0% 110% 0.885 1.0% 148%	1.196 0.0% 110% 0.885 1.0% 149%
(1) F (1) F (1) F (1) F (1) F (1) F (2) F F	Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional gudger growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth r	107% 0.854 1.5% 103% 0.825 3.3% 107% 0.025	109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026	112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027	115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027	118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028	121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029	123% 0.986 0.5% 109% 0.872 2.0% 123% 0.029	126% 1.006 0.5% 109% 0.876 2.0% 126% 0.030	128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030	131% 1.046 0.5% 110% 0.885 2.0% 131% 0.031	1.067 0.0% 110% 0.885 2.0% 133% 0.032	1.083 0.0% 110% 0.885 1.5% 135% 0.032	1.099 0.0% 110% 0.885 1.5% 137% 0.033	1.116 0.0% 110% 0.885 1.5% 139% 0.033	1.133 0.0% 110% 0.885 1.5% 141% 0.034	1.150 0.0% 110% 0.885 1.5% 144% 0.034	1.161 0.0% 110% 0.885 1.0% 145% 0.034	1.173 0.0% 110% 0.885 1.0% 146% 0.035	1.184 0.0% 110% 0.885 1.0% 148% 0.035	1.196 0.0% 110% 0.885 1.0% 149% 0.035
(1) F (1) F (1) F (1) F (1) F (1) F rdous 7	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Orecast regional level growth rate of C&I - per year (%)  Orecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Orecast sub-regional level growth rate of C&I - per year (%)  Orecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts  Otal arisings of C&I using sub-regional growth forecasts  Orecast regional level growth rate of hazardous waste - per year (%)  Orecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Orecast sub-regional level growth rate of hazardous waste - per year (%)  Orecast sub-regional level growth rate of hazardous waste - per year (%)	107% 0.854 1.5% 103% 0.825 3.3% 107% 0.025 1.5%	109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026 1.5%	112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027 1.0%	115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027 1.0%	118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0%	121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029 0.5%	123% 0.986 0.5% 109% 0.872 2.0% 123% 0.029 0.5%	126% 1.006 0.5% 109% 0.876 2.0% 126% 0.030 0.5%	128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030 0.5%	131% 1.046 0.5% 110% 0.885 2.0% 131% 0.031 0.5%	1.067 0.0% 110% 0.885 2.0% 133% 0.032 0.0%	1.083 0.0% 110% 0.885 1.5% 135% 0.032 0.0%	1.099 0.0% 110% 0.885 1.5% 137% 0.033 0.0%	1.116 0.0% 110% 0.885 1.5% 139% 0.033 0.0%	1.133 0.0% 110% 0.885 1.5% 141% 0.034 0.0%	1.150 0.0% 110% 0.885 1.5% 144% 0.034 0.0%	1.161 0.0% 110% 0.885 1.0% 145% 0.034 0.0%	1.173 0.0% 110% 0.885 1.0% 146% 0.035 0.0%	1.184 0.0% 110% 0.885 1.0% 148% 0.035 0.0%	1.196 0.0% 110% 0.885 1.0% 149% 0.035 0.0%
(1) F (1) F (1) F (1) F (1) F (2) F (2) F (2) F	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)	107% 0.854 1.5% 103% 0.825 3.3% 107% 0.025	109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026	112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027	115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027	118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028	121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029	123% 0.986 0.5% 109% 0.872 2.0% 123% 0.029	126% 1.006 0.5% 109% 0.876 2.0% 126% 0.030	128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030	131% 1.046 0.5% 110% 0.885 2.0% 131% 0.031	1.067 0.0% 110% 0.885 2.0% 133% 0.032	1.083 0.0% 110% 0.885 1.5% 135% 0.032	1.099 0.0% 110% 0.885 1.5% 137% 0.033	1.116 0.0% 110% 0.885 1.5% 139% 0.033	1.133 0.0% 110% 0.885 1.5% 141% 0.034	1.150 0.0% 110% 0.885 1.5% 144% 0.034	1.161 0.0% 110% 0.885 1.0% 145% 0.034	1.173 0.0% 110% 0.885 1.0% 146% 0.035	1.184 0.0% 110% 0.885 1.0% 148% 0.035	1.196 0.0% 110% 0.885 1.0% 149% 0.035
(1) F (1) F (1) F (1) F (1) F (2) F (2) F (3) F	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Orecast regional level growth rate of C&I - per year (%)  Torecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Torecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts  Total arisings of C&I using sub-regional growth forecasts  Torecast regional level growth rate of hazardous waste - per year (%)  Torecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Torecast sub-regional level growth rate of hazardous waste - per year (%)  Torecast sub-regional level growth rate of hazardous waste - cumulative (%)  Torecast sub-regional level growth rate of hazardous waste - cumulative (%)	107% 0.854 1.5% 103% 0.825 3.3% 107% 0.025 1.5% 103%	109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026 1.5% 105%	112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027 1.0% 106%	115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027 1.0% 107%	118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0% 108%	121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029 0.5% 108%	123% 0.986 0.5% 109% 0.872 2.0% 123% 0.029 0.5% 109%	126% 1.006 0.5% 109% 0.876 2.0% 126% 0.030 0.5% 109%	128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030 0.5% 110%	131% 1.046 0.5% 110% 0.885 2.0% 131% 0.031 0.5% 110%	1.067 0.0% 110% 0.885 2.0% 133% 0.032 0.0% 110%	1.083 0.0% 110% 0.885 1.5% 135% 0.032 0.0% 110%	1.099 0.0% 110% 0.885 1.5% 137% 0.033 0.0% 110%	1.116 0.0% 110% 0.885 1.5% 139% 0.033 0.0% 110%	1.133 0.0% 110% 0.885 1.5% 141% 0.034 0.0% 110%	1.150 0.0% 110% 0.885 1.5% 144% 0.034 0.0% 110%	1.161 0.0% 110% 0.885 1.0% 145% 0.034 0.0% 110%	1.173 0.0% 110% 0.885 1.0% 146% 0.035 0.0% 110%	1.184 0.0% 110% 0.885 1.0% 148% 0.035 0.0% 110%	1.196 0.0% 110% 0.885 1.0% 149% 0.035 0.0% 110%
(1) F (1) F (1) F (1) F (1) F (2) F (2) F (2) F (2) F	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)	107% 0.854 1.5% 103% 0.825 3.3% 107% 0.025 1.5% 103%	109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026 1.5% 105%	112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027 1.0% 106%	115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027 1.0% 107%	118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0% 108%	121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029 0.5% 108%	123% 0.986 0.5% 109% 0.872 2.0% 123% 0.029 0.5% 109%	126% 1.006 0.5% 109% 0.876 2.0% 126% 0.030 0.5% 109%	128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030 0.5% 110%	131% 1.046 0.5% 110% 0.885 2.0% 131% 0.031 0.5% 110%	1.067 0.0% 110% 0.885 2.0% 133% 0.032 0.0% 110%	1.083 0.0% 110% 0.885 1.5% 135% 0.032 0.0% 110%	1.099 0.0% 110% 0.885 1.5% 137% 0.033 0.0% 110%	1.116 0.0% 110% 0.885 1.5% 139% 0.033 0.0% 110%	1.133 0.0% 110% 0.885 1.5% 141% 0.034 0.0% 110%	1.150 0.0% 110% 0.885 1.5% 144% 0.034 0.0% 110%	1.161 0.0% 110% 0.885 1.0% 145% 0.034 0.0% 110%	1.173 0.0% 110% 0.885 1.0% 146% 0.035 0.0% 110%	1.184 0.0% 110% 0.885 1.0% 148% 0.035 0.0% 110%	1.196 0.0% 110% 0.885 1.0% 149% 0.035 0.0% 110%
(2) F (2) F (3) F	Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Grecast regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of Pazardous waste - per year (%)  Forecast regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - per year (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Forecast sub-regional level growth rate of hazardous waste - cumulativ	107% 0.854 1.5% 103% 0.825 3.3% 107% 0.025 1.5% 103% 0.024	109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026 1.5% 105% 0.025	112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027 1.0% 106% 0.025	115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027 1.0% 107% 0.025	118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0% 108% 0.026	121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029 0.5% 108% 0.026	123% 0.986 0.5% 109% 0.872 2.0% 123% 0.029 0.5% 109% 0.026	126% 1.006 0.5% 109% 0.876 2.0% 126% 0.030 0.5% 109% 0.026	128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030 0.5% 110% 0.026	131% 1.046 0.5% 110% 0.885 2.0% 131% 0.031 0.5% 110% 0.026	1.067 0.0% 110% 0.885 2.0% 133% 0.032 0.0% 110% 0.026	1.083 0.0% 110% 0.885 1.5% 135% 0.032 0.0% 110% 0.026	1.099 0.0% 110% 0.885 1.5% 137% 0.033 0.0% 110% 0.026	1.116 0.0% 110% 0.885 1.5% 139% 0.033 0.0% 110% 0.026	1.133 0.0% 110% 0.885 1.5% 141% 0.034 0.0% 110% 0.026	1.150 0.0% 110% 0.885 1.5% 144% 0.034 0.0% 110% 0.026	1.161 0.0% 110% 0.885 1.0% 145% 0.034 0.0% 110% 0.026	1.173 0.0% 110% 0.885 1.0% 146% 0.035 0.0% 110% 0.026	1.184 0.0% 110% 0.885 1.0% 148% 0.035 0.0% 110% 0.026	1.196 0.0% 110% 0.885 1.0% 149% 0.035 0.0% 110% 0.026

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

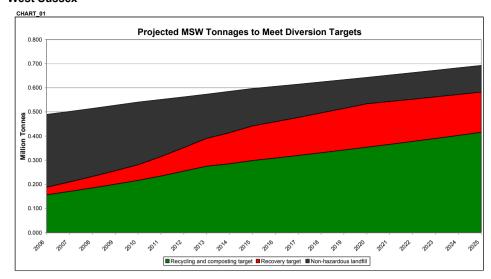
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

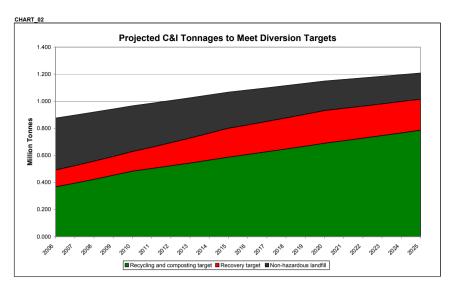
DATA_02: INTER REGIONAL MOVEMENTS OF	MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and	C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&	imports that go to the sub-region (%)	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%
(1) Total imports of MSW and C&I from	London into sub-region sent direct to landfill	0.178	0.173	0.169	0.164	0.160	0.156	0.147	0.138	0.129	0.121	0.112	0.107	0.103	0.098	0.094	0.089	0.087	0.085	0.083	0.081	0.079
msw Proportion of total MSW and C&I im	oorts that are MSW (%) - REGIONAL GROWTH FORECAST	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%
	gion from London - REGIONAL GROWTH FORECAST	0.064	0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.035	0.034	0.032	0.031	0.031	0.030	0.029	0.029
Proportion of total MSW and C&I im	oorts that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	38%	38%	38%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	41%	41%	41%	41%	42%
Total imports of MSW into the sub-r	gion from London - SUB-REGIONAL GROWTH FORECAST	0.065	0.064	0.063	0.062	0.061	0.060	0.057	0.054	0.050	0.047	0.044	0.042	0.041	0.039	0.038	0.036	0.035	0.035	0.034	0.033	0.033
c&i Proportion of total MSW and C&I im	orts that are C&I (%) - REGIONAL GROWTH FORECAST	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
Total imports of C&I into the sub-reg	ion from London - REGIONAL GROWTH FORECAST	0.114	0.111	0.108	0.105	0.103	0.100	0.094	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051	0.050
Proportion of total MSW and C&I im	oorts that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	62%	62%	62%	61%	61%	61%	61%	61%	61%	60%	60%	60%	60%	59%	59%	59%	59%	58%
Total imports of C&I into the sub-reg	ion from London - SUB-REGIONAL GROWTH FORECAST	0.113	0.109	0.106	0.102	0.099	0.096	0.090	0.085	0.079	0.074	0.068	0.065	0.062	0.059	0.056	0.053	0.052	0.050	0.049	0.047	0.046

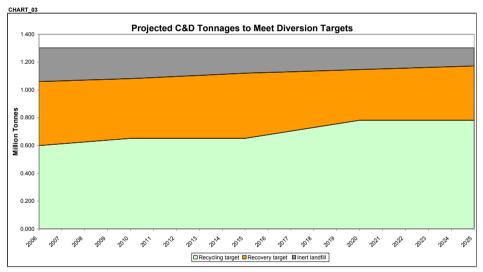
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

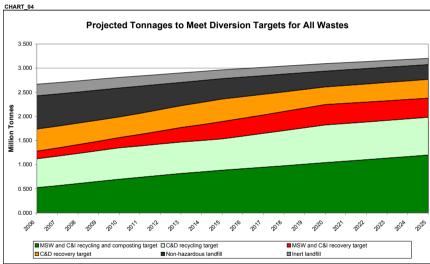
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.478	0.490	0.502	0.515	0.528	0.541	0.552	0.563	0.574	0.585	0.597	0.606	0.615	0.624	0.634	0.643	0.653	0.663	0.673	0.683	0.693
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.064	0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.035	0.034	0.032	0.031	0.031	0.030	0.029	0.029
c&i		0.854	0.876	0.897	0.920	0.943	0.966	0.986	1.006	1.026	1.046	1.067	1.083	1.099	1.116	1.133	1.150	1.161	1.173	1.184	1.196	1.208
c&I - import	s from london that are sent direct to non-hazardous landfill	0.114	0.111	0.108	0.105	0.103	0.100	0.094	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051	0.050
c&d		1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302
hazardous		0.025	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036
DATA 04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.266	0.257	0.244	0.227	0.205	0.180	0.160	0.140	0.120	0.115	0.109	0.104	0.099	0.094	0.089	0.084	0.084	0.084	0.084	0.084	0.084
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

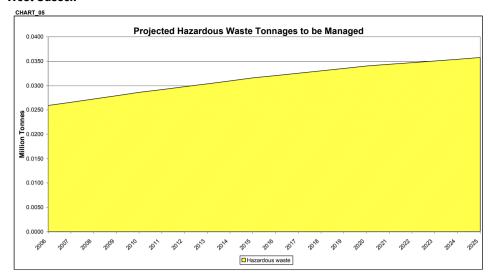
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
msw	Total MSW to be recovered and recycled/composted to meet target Total MSW not-diverted by targets Percentage of MSW that is blodegradable (% by weight) Total BMW not-diverted by targets LATS shortfall (now much extra is landfilled above LATS target) Ratio of 'recovered' to 'recycled/composted' for target (%) Extra MSW 'recovery' needed due to LATS shortfall Extra MSW 'recovery' needed due to LATS shortfall The section below in DATA 03 shows the tonnages by waste to meet targets.	2005 0.167 0.311 68 0.211 -0.054 14% 0.000 0.000	2006 0.188 0.302 68 0.205 -0.052 17% 0.000 0.000	2007 0.210 0.292 68 0.199 -0.045 19% 0.000 0.000	2008 0.233 0.282 68 0.192 -0.035 20% 0.000 0.000	2009 0.256 0.271 68 0.184 -0.021 22% 0.000 0.000	2010 0.281 0.260 68 0.176 -0.003 23% 0.000 0.000	2011 0.311 0.240 68 0.164 0.004 26% 0.001 0.003	2012 0.342 0.221 68 0.150 0.010 28% 0.003 0.007	2013 0.374 0.200 68 0.136 0.016 29% 0.005 0.011	2014 0.407 0.178 68 0.121 0.006 31% 0.002 0.004	2015 0.442 0.155 68 0.106 -0.004 32% 0.000 0.000	2016 0.459 0.147 68 0.100 -0.005 33% 0.000 0.000	2017 0.477 0.138 68 0.094 -0.005 33% 0.000 0.000	2018 0.496 0.129 68 0.087 -0.007 33% 0.000 0.000	2019 0.515 0.119 68 0.081 -0.008 33% 0.000 0.000	0.534 0.109 68 0.074 -0.009 34% 0.000 0.000	2021 0.543 0.110 68 0.075 -0.009 33% 0.000 0.000	2022 0.553 0.110 68 0.075 -0.009 32% 0.000 0.000	2023 0.562 0.110 68 0.075 -0.009 31% 0.000 0.000	2024 0.572 0.111 68 0.075 -0.009 30% 0.000 0.000	2025 0.582 0.111 68 0.075 -0.008 29% 0.000 0.000
	The section below in DATA_03 shows the tollinges by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target Recovery target Non-hazardous landfill CHECK COUNTER (should be zero)	0.143 0.024 0.311 0.000	0.157 0.031 0.302 0.000	0.171 0.039 0.292 0.000	0.185 0.047 0.282 0.000	0.200 0.056 0.271 0.000	0.216 0.065 0.260 0.000	0.235 0.080 0.237 0.000	0.255 0.097 0.210 0.000	0.275 0.115 0.184 0.000	0.285 0.128 0.171 0.000	0.299 0.143 0.155 0.000	0.309 0.150 0.147 0.000	0.320 0.157 0.138 0.000	0.331 0.165 0.129 0.000	0.342 0.172 0.119 0.000	0.354 0.180 0.109 0.000	0.366 0.178 0.110 0.000	0.378 0.175 0.110 0.000	0.390 0.172 0.110 0.000	0.403 0.169 0.111 0.000	0.416 0.166 0.111 0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target Recovery target Non-hazardous landfill CHECK COUNTER (should be zero)	0.342 0.120 0.393 0.000	0.368 0.124 0.384 0.000	0.395 0.129 0.373 0.000	0.423 0.134 0.362 0.000	0.453 0.140 0.351 0.000	0.483 0.145 0.338 0.000	0.503 0.158 0.325 0.000	0.523 0.171 0.312 0.000	0.544 0.185 0.297 0.000	0.565 0.199 0.282 0.000	0.587 0.213 0.267 0.000	0.607 0.219 0.258 0.000	0.627 0.224 0.248 0.000	0.647 0.230 0.239 0.000	0.668 0.236 0.229 0.000	0.690 0.241 0.218 0.000	0.708 0.239 0.214 0.000	0.727 0.237 0.209 0.000	0.746 0.235 0.204 0.000	0.766 0.232 0.199 0.000	0.785 0.230 0.193 0.000
	The after hand	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target Recovery target Inert landfill CHECK COUNTER (should be zero)	0.586 0.469 0.247 0.000	0.599 0.461 0.242 0.000	0.612 0.453 0.237 0.000	0.625 0.445 0.232 0.000	0.638 0.437 0.227 0.000	0.651 0.430 0.221 0.000	0.651 0.437 0.214 0.000	0.651 0.445 0.206 0.000	0.651 0.453 0.198 0.000	0.651 0.461 0.190 0.000	0.651 0.469 0.182 0.000	0.677 0.448 0.177 0.000	0.703 0.427 0.172 0.000	0.729 0.406 0.167 0.000	0.755 0.385 0.161 0.000	0.781 0.365 0.156 0.000	0.781 0.370 0.151 0.000	0.781 0.375 0.146 0.000	0.781 0.380 0.141 0.000	0.781 0.385 0.135 0.000	0.781 0.391 0.130 0.000
hazardous	Hazardous waste	2005 0.025	2006 0.026	2007 0.027	2008 0.027	2009 0.028	2010 0.029	2011 0.029	0.030	2013	2014 0.031	2015	2016 0.032	2017 0.033	2018 0.033	2019 0.034	2020 0.034	2021 0.034	0.035	2023 0.035	0.035	2025 0.036
	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target C&D recycling target C&D recycling target C&D recovery target C&D recovery target C&D recovery target India re	0.485 0.586 0.143 0.469 0.704 0.247 0.025	0.525 0.599 0.156 0.461 0.685 0.242 0.026	0.566 0.612 0.168 0.453 0.666 0.237 0.027	0.608 0.625 0.182 0.445 0.644 0.232 0.027	0.653 0.638 0.195 0.437 0.622 0.227 0.028	0.700 0.651 0.210 0.430 0.598 0.221 0.029	0.737 0.651 0.238 0.437 0.562 0.214 0.029	0.778 0.651 0.268 0.445 0.522 0.206 0.030	0.819 0.651 0.300 0.453 0.481 0.198 0.030	0.850 0.651 0.327 0.461 0.454 0.190 0.031	0.885 0.651 0.357 0.469 0.422 0.182 0.032	0.916 0.677 0.369 0.448 0.404 0.177 0.032	0.946 0.703 0.382 0.427 0.386 0.172 0.033	0.978 0.729 0.395 0.406 0.367 0.167 0.033	1.010 0.755 0.408 0.385 0.348 0.161 0.034	1.043 0.781 0.421 0.365 0.328 0.156 0.034	1.074 0.781 0.417 0.370 0.323 0.151 0.034	1.105 0.781 0.412 0.375 0.319 0.146 0.035	1.136 0.781 0.407 0.380 0.314 0.141 0.035	1.168 0.781 0.401 0.385 0.309 0.135 0.035	1.201 0.781 0.396 0.391 0.304 0.130 0.036









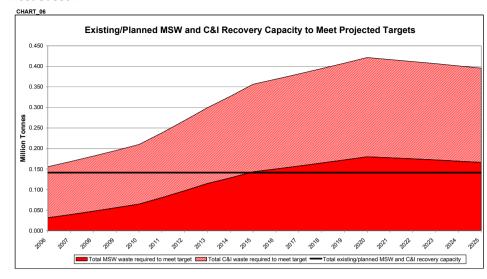


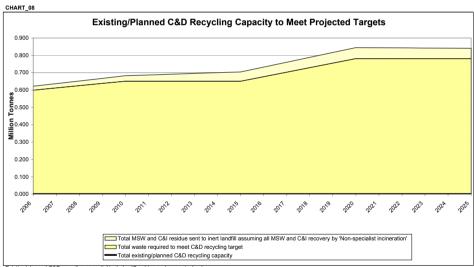
#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
Total existing/planned MSW and C&I recovery capacity	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
Total MSW waste required to meet target	0.024	0.031	0.039	0.047	0.056	0.065	0.080	0.097	0.115	0.128	0.143	0.150	0.157	0.165	0.172	0.180	0.178	0.175	0.172	0.169	0.166
Total C&I waste required to meet target	0.120	0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.185	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.232	0.230
Surplus/deficit capacity	-0.002	-0.014	-0.027	-0.040	-0.054	-0.068	-0.097	-0.127	-0.158	-0.186	-0.215	-0.228	-0.240	-0.253	-0.266	-0.280	-0.275	-0.270	-0.265	-0.260	-0.254
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903
Total existing/planned MSW and C&I composting capacity	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214	0.214
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
Total MSW waste required to meet recycling and composting target	0.143	0.157	0.171	0.185	0.200	0.216	0.235	0.255	0.275	0.285	0.299	0.309	0.320	0.331	0.342	0.354	0.366	0.378	0.390	0.403	0.416
Total C&I waste required to meet recycling and composting target	0.342	0.368	0.395	0.423	0.453	0.483	0.503	0.523	0.544	0.565	0.587	0.607	0.627	0.647	0.668	0.690	0.708	0.727	0.746	0.766	0.785
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.271	-0.311	-0.352	-0.395	-0.439	-0.486	-0.524	-0.564	-0.605	-0.637	-0.672	-0.702	-0.733	-0.764	-0.797	-0.830	-0.860	-0.891	-0.923	-0.955	-0.987
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.407	-0.446	-0.487	-0.530	-0.575	-0.621	-0.659	-0.700	-0.741	-0.772	-0.807	-0.837	-0.868	-0.900	-0.932	-0.965	-0.996	-1.027	-1.058	-1.090	-1.123
C&D recycling																					
Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.586	0.599	0.612	0.625	0.638	0.651	0.651	0.651	0.651	0.651	0.651	0.677	0.703	0.729	0.755	0.781	0.781	0.781	0.781	0.781	0.781
Surplus/deficit capacity	-0.586	-0.599	-0.612	-0.625	-0.638	-0.651	-0.651	-0.651	-0.651	-0.651	-0.651	-0.677	-0.703	-0.729	-0.755	-0.781	-0.781	-0.781	-0.781	-0.781	-0.781
C&D recovery																					
(3) REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.469	0.461	0.453	0.445	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.427	0.406	0.385	0.365	0.370	0.375	0.380	0.385	0.391
Surplus/deficit capacity	1.409	1.333	1.257	1.182	1.106	1.030	1.002	0.973	0.944	0.916	0.887	0.877	0.866	0.856	0.845	0.835	0.850	0.866	0.882	0.897	0.913
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A														
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A														
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A														
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A														
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		2.437	1.440	0.459	-0.503	-1.447	-2.370	-3.255	-4.097	-4.895	-5.663	-6.395	-7.111	-7.813	-8.498	-9.166	-9.818	-10.467	-11.115	-11.760	-12.403
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		2.437	1.416	0.411	-0.579	-1.552	-2.507	-3.427	-4.309	-5.153	-5.969	-6.755	-7.527	-8.286	-9.030	-9.760	-10.474	-11.186	-11.895	-12.602	-13.305
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		2.437	1.348	0.268	-0.802	-1.861	-2.908	-3.933	-4.933	-5.908	-6.869	-7.811	-8.746	-9.672	-10.590	-11.500	-12.399	-13.295	-14.185	-15.070	-15.951
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		2.437	1.421	0.420	-0.564	-1.531	-2.480	-3.393	-4.267	-5.101	-5.908	-6.683	-7.444	-8.191	-8.924	-9.641	-10.343	-11.042	-11.739	-12.433	-13.125
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		2.437	1.370	0.314	-0.731	-1.763	-2.780	-3.772	-4.735	-5.668	-6.582	-7.475	-8.358	-9.231	-10.094	-10.946	-11.787	-12.624	-13.456	-14.285	-15.109
Total MSW and C&I waste sent direct to non-hazardous landfill		0.685	0.666	0.644	0.622	0.598	0.562	0.522	0.481	0.454	0.422	0.404	0.386	0.367	0.348	0.328	0.323	0.319	0.314	0.309	0.304
Inert landfill																					
Available inert landfill capacity	0.000	0.000	-0.242	-0.479	-0.711	-0.937	-1.159	-1.372	-1.578	-1.776	-1.966	-2.148	-2.325	-2.497	-2.664	-2.825	-2.982	-3.133	-3.278	-3.419	-3.554
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.266	-0.528	-0.787	-1.043	-1.295	-1.545	-1.791	-2.033	-2.273	-2.508	-2.741	-2.970	-3.196	-3.418	-3.638	-3.851	-4.059	-4.261	-4.456
Total C&D waste sent direct to inert landfill	0.247	0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135	0.130
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	1	√A N	1/A N	I/A N	/A N	/A N	I/A N	I/A N	I/A N	I/A N	/A N	/A N	/A N	/A N	/A N	I/A N	I/A N	1/A N	I/A N	/A N	/A
Other																					
Metal/ELV facility	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459	0.459
Ignored	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note:

RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)	· ·	·		·			ŭ	·		·			·		·	·	·		·	·
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other	- 10	- 10	40	40	- 40	- 40	40	- 40	40	40	- 40	40	40	- 40	40	40	40	40	40	40
Metal/ELV facility	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	N/A	10 N/A	10 N/A	10 N/A	10 N/A	10	10 N/A	10 N/A	10	10 N/A	10	10 N/A	10
Ignored Closed	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A N/A	N/A	N/A N/A	N/A	N/A N/A
					1671			1471					14.71							
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince wi	th the self-suffi	iciency requi	ements of F	PPS10.																
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):																				
MSW and C&I incineration (non-specialist) - bottom ash	0.043	0.047	0.051	0.054	0.059	0.063	0.071	0.080	0.090	0.098	0.107	0.111	0.115	0.118	0.122	0.126	0.125	0.124	0.122	0.120
MSW and C&I incineration (non-specialist) - fly ash	0.004	0.005	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.011	0.012	0.012	0.013	0.013	0.012	0.012	0.012
MSW and C&I to MBT	0.085	0.092	0.099	0.107	0.115	0.124	0.141	0.158	0.177	0.193	0.210	0.218	0.225	0.233	0.241	0.249	0.246	0.243	0.240	0.237
MSW and C&I to RDF	0.017	0.019	0.020	0.022	0.023	0.025	0.029	0.032	0.036	0.039	0.043	0.044	0.046	0.047	0.049	0.051	0.050 0.188	0.049 0.185	0.049	0.048
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	0.065	0.070	0.076	0.082	0.088	0.094	0.107	0.121	0.135	0.147	0.161	0.166	0.172	0.178	0.184	0.190	0.188	0.185	0.183	0.181
Hazardous waste recovery			/A N														0.021 I/A N			
Recycling residues (of waste managed):	nvs I	*** N	IN	N/	, iN/	. IN/	19/24	. 19/	. IN/.	IN/	. IN/	. 19//	. N/	, iN/	. N	IN	N	IN	N/	. iN/
MSW and C&I recycling and composting	0.073	0.079	0.085	0.091	0.098	0.105	0.111	0.117	0.123	0.128	0.133	0.137	0.142	0.147	0.152	0.157	0.161	0.166	0.170	0.175
C&D recycling	0.059	0.060	0.061	0.062	0.064	0.065		0.065	0.065	0.065	0.065	0.068	0.070	0.073	0.076	0.078	0.078	0.078	0.078	0.078
Hazardous waste recycling	N/A 1	V/A N	/A N	/A N/	A N/	A N/	A N/A	A N	/A N/.	A N	A N/.	A N/	A N/	A N/	A N	/A N	/A N	/A N	/A N/	A N/
TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005 0.131	2006 0.139	2007 0.146	2008	2009	2010	2011 0.176	2012 0.182	2013	2014 0.193	2015 0.198	2016 0.205	2017 0.212	2018 0.220	2019 0.227	2020 0.235	2021 0.239	2022 0.244	2023 0.249	2024 0.253
				0.104	0.102	0.170	0.170	0.102	0.100	0.193	0.190	0.205	0.212	0.220	0.221	0.233	0.239	0.244	0.249	0.233
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill																				
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	on Tonnes) 2005																			
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) (1) Total MSW and C&I recovery by "Non-specialist incineration")	on Tonnes) 2005 0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	0.060
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	on Tonnes) 2005																			
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MST" (based on total recovery capacity)	0.022 0.022	0.023 0.023	0.025 0.025	0.027 0.027	0.029 0.029	0.031 0.031	0.036 0.036	0.040 0.040	0.045 0.045	0.049 0.049	0.054 0.054	0.055 0.055	0.057 0.057	0.059 0.059	0.061 0.061	0.063 0.063	0.063 0.063	0.062 0.062	0.061 0.061	0.060 0.060
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	on Tonnes) 2005 0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	0.060
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recover capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)	0.022 0.022	0.023 0.023	0.025 0.025	0.027 0.027	0.029 0.029	0.031 0.031	0.036 0.036	0.040 0.040	0.045 0.045	0.049 0.049	0.054 0.054	0.055 0.055	0.057 0.057	0.059 0.059	0.061 0.061	0.063 0.063	0.063 0.063	0.062 0.062	0.061 0.061	0.060 0.060
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.022 0.022 0.085	0.023 0.023 0.092	0.025 0.025 0.099	0.027 0.027 0.107	0.029 0.029 0.115	0.031 0.031 0.124	0.036 0.036 0.141	0.040 0.040 0.158	0.045 0.045 0.177	0.049 0.049 0.193	0.054 0.054 0.210	0.055 0.055 0.218	0.057 0.057 0.225	0.059 0.059 0.233	0.061 0.061 0.241	0.063 0.063 0.249	0.063 0.063 0.246	0.062 0.062 0.243	0.061 0.061 0.240	0.060 0.060 0.237
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recover capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)	0.022 0.022 0.085	0.023 0.023 0.092	0.025 0.025 0.099	0.027 0.027 0.107	0.029 0.029 0.115	0.031 0.031 0.124	0.036 0.036 0.141	0.040 0.040 0.158	0.045 0.045 0.177	0.049 0.049 0.193	0.054 0.054 0.210	0.055 0.055 0.218	0.057 0.057 0.225	0.059 0.059 0.233	0.061 0.061 0.241	0.063 0.063 0.249	0.063 0.063 0.246	0.062 0.062 0.243	0.061 0.061 0.240	0.060 0.060 0.237
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) CENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) CENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	0.022 0.022 0.022 0.085 0.017	0.023 0.023 0.092 0.092 0.019	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) CetNARIO 2 - Assumes all recovery is by 'MBT' (based not total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tenatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le	0.022 0.022 0.022 0.085 0.017 0.065	0.023 0.023 0.092 0.019 0.070	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incit landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incit landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 4 - Assumes all recovery is by 'RBF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert latal total recovery is by the control of the contr	0.022 0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 original mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (f) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (f) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (f) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (f) C&D reused on landfill sites (f) C&D reused on exempt sites	0.022 0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 vriginal mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inch landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inch landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to tonon-hazardous landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill'	0.022 0.022 0.025 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 vriginal mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (f) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (f) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (f) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (f) C&D reused on landfill sites (f) C&D reused on exempt sites	0.022 0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 vriginal mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inches and many and the recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inche landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (2) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert is TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haza landfill' (3) C&D reused on landfill sites sent to 'non-haza landfill' (4) C&D reused on landfill sites sent to 'non-haza landfill' (5) C&D reused on landfill sites sent to 'non-haza landfill' (5) C&D reused on landfill sites sent to 'non-haza landfill' (5) C&D reused on landfill sites sent to 'non-haza landfill'	0.022 0.022 0.025 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 vriginal mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082	0.029 0.029 0.115 0.023 0.088	0.031 0.031 0.124 0.025 0.094	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121	0.045 0.045 0.177 0.036 0.135	0.049 0.049 0.193 0.039 0.147	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044	0.057 0.057 0.225 0.046	0.059 0.059 0.233 0.047	0.061 0.061 0.241 0.049	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050	0.062 0.062 0.243 0.049	0.061 0.061 0.240 0.049	0.060 0.060 0.237 0.048
COTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 'NONAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  1) C&D reused on landfill sites  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'	0.022 0.022 0.025 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 riginal mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082 ns developed	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum	0.036 0.036 0.141 0.029 0.107	0.040 0.040 0.158 0.032 0.121 C&D recycl	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161	0.055 0.055 0.218 0.044 0.166	0.057 0.057 0.225 0.046 0.172	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184	0.063 0.063 0.249 0.051	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181
OTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  ) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MST' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill of the sent to non-hazardous landfill and 50% is sent to inert landfill sent sent to sent to sent to non-hazardous landfill and 50% is sent to inert landfill sent sent landfill sites sent to 'non-haz landfill'  (C&D reused on landfill sites sent to 'non-haz landfill')	on Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 riginal mode	0.025 0.025 0.099 0.020 0.076	0.027 0.027 0.107 0.022 0.082 ns developed	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum	0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 C&D recycl	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 dandfi	0.055 0.055 0.218 0.044 0.166	0.057 0.057 0.225 0.046 0.172	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184	0.063 0.063 0.249 0.051 0.190	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and Cal residue sent to non-hazardous landfill assuming all MSW and Cal recovery by 'Non-specialist incineration' (1) Total MSW and Cal residue sent to inert landfill assuming all MSW and Cal recovery by 'Non-specialist incineration' (1) Total MSW and Cal residue sent to inert landfill assuming all MSW and Cal recovery by 'Non-specialist incineration' (1) Total MSW and Cal residue sent to inert landfill assuming all MSW and Cal recovery by 'Non-specialist incineration' (1) Total MSW and Cal residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and Cal residue sent to non-hazardous landfill (2) SCENARIO 4 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) It was assumed that 50% of residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) CAD reused on landfill sites (1) CAD reused on landfill sites sent to 'non-haz landfill' (1) CAD reused on landfill sites sent to 'non-haz landfill' (2) CAD reused on landfill sites sent to 'non-haz landfill' (3) CAD reused on on onn-hazardous landfill' (4) CAD reused caD on inert landfill' (5) CAD reused caD on inert landfill'	on Tonnes) 2005  0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 rriginal mode % % % 2006 0.054 0.125	0.025 0.025 0.099 0.020 0.076 assumption	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117	0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 C&D recycl	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 landfi	0.055 0.055 0.218 0.044 0.166	0.057 0.057 0.225 0.046 0.172	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184	0.063 0.063 0.249 0.051 0.190	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) Total C&D reused on landfill sites sent to 'non-haz landfill'	on Tonnes) 2005  0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 rriginal mode % % % 2006 0.054 0.125	0.025 0.025 0.099 0.020 0.076 assumption	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117	0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 C&D recycl	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 landfi	0.055 0.055 0.218 0.044 0.166	0.057 0.057 0.225 0.046 0.172	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184	0.063 0.063 0.249 0.051 0.190	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incineration assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (6) Total MSW and C&I residue sent to non-hazardous landfill (7) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert later to the control of	on Tonnes) 2005  0.022 0.022 0.085  0.017  0.065 andfill. In the of the control o	0.023 0.023 0.092 0.019 0.070 rriginal mode % % % % %	0.025 0.025 0.099 0.020 0.076 assumption	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117	0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127	0.055 0.055 0.218 0.044 0.166	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.063 0.249 0.051 0.190	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' (5) Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (6) Total MSW and C&I residue sent to non-hazardous landfill (7) Total MSW and C&I residue sent to non-hazardous landfill (8) MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated to the control of the co	on Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the or	0.023 0.023 0.092 0.019 0.070 original mode % % % %	0.025 0.025 0.099 0.020 0.076 assumption	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C&I	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.055 0.218 0.044 0.166 2016 0.052 0.122	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.063 0.249 0.051 0.190	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration and the sent to incineration' (2) Total MSW and C&I residue sent to incineration' (3) Total MSW and C&I residue sent to incineration' (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' (3) SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 4 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (5) Total MSW and C&I residue sent to non-hazardous landfill (6) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lateration in the lateration of the lateration of landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill in not included within the charts because it has been assumed that data it total recovery is the sent to	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the o 39 1 61 1 30 0 70 0 2005 0.055 0.127 supplied by ear	0.023 0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121 nted for C&L	0.029 0.029 0.115 0.023 0.088 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a	2010 0.127 0.094 0.094 0.095 0.094 was assum	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 0.8D recycl 2012 0.052 0.121	0.045 0.045 0.177 0.036 0.135 ing, rather th 2013 0.053 0.123	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 dandfi 2016 0.055 0.127	0.055 0.055 0.218 0.044 0.166 0.166 0.052 0.122	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.061 0.241 0.049 0.184 0.184 2019 0.045 0.105	0.063 0.063 0.249 0.051 0.190 0.190 2020 0.042 0.099	0.063 0.063 0.246 0.050 0.188 0.100 0.043 0.100	0.062 0.062 0.243 0.049 0.185 0.185	0.061 0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration and MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incineration and MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill (3) Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) CENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (5) Total MSW and C&I residue sent to non-hazardous landfill (5) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert laton (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert laton (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (2) C&D reuse are tated based on original model assumptions developed MEL (3) NOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill (5) Total MSW and C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	on Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the or 39 61 30 70 2005 0.055 0.055 0.127 supplied by ear	0.023 0.023 0.092 0.019 0.070 original mode % % % %	0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121 unted for C&I	0.029 0.029 0.115 0.023 0.088 d MEL 50%	0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 C&D recycl 2012 0.052 0.121	0.045 0.045 0.177 0.036 0.135 ing, rather th	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 landfi 2015 0.055 0.127	0.055 0.055 0.218 0.044 0.166 2016 0.052 0.122	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.233 0.047 0.178	0.061 0.061 0.241 0.049 0.184 2019 0.045 0.105	0.063 0.063 0.249 0.051 0.190	0.063 0.063 0.246 0.050 0.188	0.062 0.062 0.243 0.049 0.185	0.061 0.061 0.240 0.049 0.183	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (2) C&D reused on landfill sites sent to 'non-hazardous landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (4) C&D reused on landfill sites sent to 'non-hazardous landfill' (5) C&D reused on landfill sites sent to 'non-hazardous landfill' (6) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (8) C&D reused on landfill sites sent to 'non-hazardous landfill' (9) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites	n Tonnes) 2005  0.022 0.022 0.085 0.017 0.065 andfill. In the o 39 9 61 9 2005 0.127 supplied by ear	0.023 0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123 h has accou	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121 nted for C&L 2008 //A N//	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50% 2009 0.051 0.119 D reuse as a	2010 A N/	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C 2011 0.051 0.119 ing material. 2011 A N/A	0.040 0.040 0.040 0.158 0.032 0.121 0.8D recycl 2012 0.052 0.121	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th 2013 0.053 0.123	0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127	0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N//	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110	2019 0.045 0.045 0.045 0.105	0.063 0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.063 0.246 0.050 0.188 0.100 0.100	0.062 0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incineration illustry and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incineration' (3) Total MSW and C&I residue sent to incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill (3) Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) CENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (5) Total MSW and C&I residue sent to non-hazardous landfill (5) Landfill MSW and C&I residue sent to non-hazardous landfill (6) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert later to the control of the c	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the o 39 1 61 1 30 0 70 0 2005 0.055 0.127 supplied by ear	0.023 0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121 nted for C&L	0.029 0.029 0.115 0.023 0.088 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a	2010 0.127 0.094 0.094 0.095 0.094 was assum	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C	0.040 0.040 0.158 0.032 0.121 0.8D recycl 2012 0.052 0.121	0.045 0.045 0.177 0.036 0.135 ing, rather th 2013 0.053 0.123	0.049 0.049 0.193 0.039 0.147 han to inert	0.054 0.054 0.210 0.043 0.161 dandfi 2016 0.055 0.127	0.055 0.055 0.218 0.044 0.166 0.166 0.052 0.122	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.061 0.241 0.049 0.184 0.184 2019 0.045 0.105	0.063 0.063 0.249 0.051 0.190 0.190 2020 0.042 0.099	0.063 0.063 0.246 0.050 0.188 0.100 0.043 0.100	0.062 0.062 0.243 0.049 0.185 0.185	0.061 0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inent landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 3 - Assumes all recovery is by 'RBP' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated to the sent of th	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the o 2005 0.055 0.127 supplied by each of the control	0.023 0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 N/A N	0.025 0.025 0.099 0.020 0.076 0.053 0.123 0.123 0.123 0.123	0.027 0.027 0.027 0.107 0.022 0.082 0.082 0.055 0.121 1014 for C&U	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50% 2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117 an engineer 2010 A N/	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C 2011 0.051 0.119 ing material. 2011 A N/A	0.040 0.040 0.158 0.032 0.121 2.8D recycl 0.052 0.121 2.012 2.012 2.012 2.012 0.008	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th 2013 0.053 0.123 2013 2013 0.009	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.061 0.241 0.049 0.184 0.045 0.105 2019 2019 2019	0.063 0.063 0.249 0.051 0.190 2020 0.042 0.099 /A N 2020 0.013	0.063 0.063 0.246 0.050 0.188 0.100 0.143 0.100 0.100	0.062 0.062 0.062 0.243 0.049 0.185 2022 0.044 0.102 /A N	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 /A N/	0.060 0.080 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill in total recovery landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on inert landfill'  Total C&D reuse on landfill sites sent landfill is not included within the charts because it has been assumed that data:  TOTAL MSW AND C&I residue from RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (base	n Tonnes) 2005  0.022 0.022 0.085 0.017 0.065 andfill. In the o	0.023 0.023 0.092 0.019 0.070 original mode % % % 2006 0.054 0.125 ch sub-regio	0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123 h has accou	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121 nted for C&L 2008 //A N//	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50% 2009 0.051 0.119 D reuse as a	2010 A N/	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C 2011 0.051 0.119 ing material. 2011 A N/A	0.040 0.040 0.040 0.158 0.032 0.121 0.8D recycl 2012 0.052 0.121	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th 2013 0.053 0.123	0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127	0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N//	0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110	2019 0.045 0.045 0.045 0.105	0.063 0.063 0.249 0.051 0.190 2020 0.042 0.099	0.063 0.063 0.246 0.050 0.188 0.100 0.100	0.062 0.062 0.243 0.049 0.185 2022 0.044 0.102	0.061 0.061 0.240 0.049 0.183 2023 0.044 0.103	0.060 0.060 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (2) Total MSW and C&I residue sent to non-hazardous landfill (3) CENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (3) Total MSW and C&I residue sent to non-hazardous landfill (4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lated to the sent to sent to non-hazardous landfill and 50% is sent to inert lated to the sent to recovery is by 'Total msW' (based on total recovery capacity) (5) C&D reused on landfill sites sent to non-hazardous landfill (6) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reused on landfill sites sent to 'non-hazardous landfill' (7) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert landfill' (7) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data: (7) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data: (7) C&D reuse rates based on original model assump	n Tonnes) 2005  0.022 0.022 0.085 0.017 0.065 andfill. In the o 61 1 30 9 2005 0.052 0.127  supplied by each 2005 N/A 1 2005 0.004 0.000	0.023 0.023 0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 N/A N	0.025 0.025 0.099 0.020 0.076 0.053 0.123 0.123 0.123 0.123 0.007 0.005 0.000	0.027 0.027 0.027 0.107 0.022 0.082 0.052 0.121 1014 for C&II 2008 0.055 0.005	0.029 0.029 0.015 0.023 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum  2010 0.050 0.117 an engineer 2010 A N/ 2010 0.006 0.000	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C 2011 0.051 0.119 ing material. 2011 A N/A 2011 0.007	0.040 0.040 0.158 0.032 0.121 0.082 0.121 2012 2012 2012 0.062 0.121	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th  2013 0.053 0.123  2013 2013 0.009 0.000	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125 2014 A N/ 2014 0.010	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127 2015 A N/	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116 2017 0.011 0.000	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110 2018 A N/	0.061 0.061 0.049 0.184 0.184 0.195 0.105 0.105	0.063 0.063 0.249 0.051 0.190 0.042 0.042 0.099 2020 0.4A N 2020 0.013	0.063 0.063 0.063 0.246 0.050 0.188 2021 0.043 0.100 2021 0.013 0.000	0.062 0.062 0.062 0.243 0.049 0.185 0.044 0.102 0.044 0.102 0.044 0.102	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 /A N/ 2023 0.012	0.060 0.060 0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 2) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 2) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 3) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 3) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sets 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse on inert landfill' 1) C&D reuse rates based on original model assumptions developed MEL 1) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data: 1) Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes) 1) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity) 1) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-spec	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the o 2005 0.055 0.127 supplied by each of the control	0.023 0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 N/A N	0.025 0.025 0.099 0.020 0.076 0.053 0.123 0.123 0.123 0.123	0.027 0.027 0.027 0.107 0.022 0.082 0.082 0.055 0.121 1014 for C&U	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50% 2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum 2010 0.050 0.117 an engineer 2010 A N/	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C 2011 0.051 0.119 ing material. 2011 A N/A	0.040 0.040 0.158 0.032 0.121 2.8D recycl 0.052 0.121 2.012 2.012 2.012 2.012 0.008	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th 2013 0.053 0.123 2013 2013 0.009	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110	0.061 0.061 0.241 0.049 0.184 0.045 0.105 2019 2019 2019	0.063 0.063 0.249 0.051 0.190 2020 0.042 0.099 /A N 2020 0.013	0.063 0.063 0.246 0.050 0.188 0.100 0.143 0.100 0.100	0.062 0.062 0.062 0.243 0.049 0.185 2022 0.044 0.102 /A N	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 /A N/	0.060 0.080 0.237 0.048 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incharactions and many all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incharactions landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incharactions landfill 1) Total MSW and C&I residue sent to incharactious landfill 1) Total MSW and C&I residue sent to non-hazardous landfill 1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 1) It was assumed that Foreovery is by 'Treatment' (based on total recovery capacity) 1) It was assumed that 50% of residue sent to non-hazardous landfill 1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 2) C&D reuse rates based on original model as	n Tonnes) 2005  0.022 0.022 0.085 0.017 0.065 andfill. In the o 61 1 30 9 2005 0.052 0.127  supplied by each 2005 N/A 1 2005 0.004 0.000	0.023 0.023 0.023 0.092 0.019 0.070 riginal mode % % % 2006 0.054 0.125 ch sub-regio 2006 N/A N	0.025 0.025 0.099 0.020 0.076 0.053 0.123 0.123 0.123 0.123 0.007 0.005 0.000	0.027 0.027 0.027 0.107 0.022 0.082 0.052 0.121 1014 for C&II 2008 0.055 0.005	0.029 0.029 0.015 0.023 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum  2010 0.050 0.117 an engineer 2010 A N/ 2010 0.006 0.000	0.036 0.036 0.036 0.141 0.029 0.107 ed to go to C 2011 0.051 0.119 ing material. 2011 A N/A 2011 0.007	0.040 0.040 0.158 0.032 0.121 0.082 0.121 2012 2012 2012 0.062 0.121	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th  2013 0.053 0.123  2013 2013 0.009 0.000	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125 2014 A N/ 2014 0.010	0.054 0.054 0.210 0.043 0.161 dandfi 2015 0.055 0.127 2015 A N/	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116 2017 0.011 0.000	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110 2018 A N/	0.061 0.061 0.049 0.184 0.184 0.195 0.105 0.105	0.063 0.063 0.249 0.051 0.190 0.042 0.042 0.099 2020 0.4A N 2020 0.013	0.063 0.063 0.063 0.246 0.050 0.188 2021 0.043 0.100 2021 0.013 0.000	0.062 0.062 0.062 0.243 0.049 0.185 0.044 0.102 0.044 0.102 0.044 0.102	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 /A N/ 2023 0.012	0.060 0.060 0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to inen-hazardous landfill 1) Total MSW and C&I residue sent to non-hazardous landfill 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) 1) Total MSW and C&I residue sent to non-hazardous landfill 2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-haz landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reused on landfill sites sent to 'non-hazardous landfill' 1) C&D reuse rates based on original model assumptions developed MEL 1) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data stotal recovery is by '	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the or 39 9 61 9 70 9 2005 0.052 0.127 2005 0.053 0.127 0.065 0.050 0.000	0.023 0.023 0.023 0.092 0.019 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.005	0.025 0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123 n has accou	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121  nted for C&E 2008 0.052 0.121  2008 0.055 0.000 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum  2010 0.050 0.117 an engineer 2010 A N/ 2010 0.006 0.000	0.036 0.036 0.036 0.041 0.029 0.107 ed to go to C  2011 0.051 0.119 ing material. 2011 A N/A 2011 0.007 0.000 0.000	0.040 0.040 0.158 0.032 0.121 0.082 0.121 2012 2012 2012 2012 0.008 0.000 0.000	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th  2013 0.053 0.123  2013 2013 0.009 0.000 0.000	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125 2014 0.010 0.000	0.054 0.054 0.054 0.210 0.043 0.161 dandfi  2015 0.055 0.127  2015 A N/. 2015 0.011 0.000 0.000	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011 0.000 0.000	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116 2017 2017 0.000 0.000	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110 2018 A N/ 2018 0.012 0.000	0.061 0.061 0.049 0.184 0.184 0.105 0.105 0.019 0.045 0.105 0.010 0.010 0.010 0.010 0.010 0.000 0.000	0.063 0.063 0.249 0.051 0.190 0.042 0.042 0.042 0.099 2020 0.042 0.009	0.063 0.063 0.063 0.246 0.050 0.188 2021 0.043 0.100 2021 0.013 0.013 0.000 0.000	0.062 0.062 0.062 0.243 0.049 0.185 0.044 0.102 0.044 0.102 0.044 0.102	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 0.012 0.000 0.000	0.060 0.060 0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105 2024 0.0105 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incineration' (based on total recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incineration' (based on total recovery by 'Non-specialist incineration' 1) Total MSW and C&I residue sent to incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill 1) Total MSW and C&I residue sent to non-hazardous landfill 2) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill 2) Total MSW and C&I residue sent to non-hazardous landfill 3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 4) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill 4) C&D reused on landfill sites sent to 'non-haz landfill' 4) C&D reused on landfill sites sent to 'non-haz landfill' 4) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 5) C&D reused on landfill sites sent to 'non-haz landfill' 6) C&D reuse rates based on original model assumptions developed MEL 6) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data in total reused C&D on inert landfill' 6) C&D reuse rates based on original model assumptions developed MEL 7) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data in total recovery is by Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on t	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the or	0.023 0.023 0.023 0.092 0.019 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.005	0.025 0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123 n has accou	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121  nted for C&E 2008 0.052 0.121  2008 0.055 0.000 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum  2010 0.050 0.117 an engineer 2010 A N/ 2010 0.006 0.000	0.036 0.036 0.036 0.041 0.029 0.107 ed to go to C  2011 0.051 0.119 ing material. 2011 A N/A 2011 0.007 0.000 0.000	0.040 0.040 0.158 0.032 0.121 0.082 0.121 2012 2012 2012 2012 0.008 0.000 0.000	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th  2013 0.053 0.123  2013 2013 0.009 0.000 0.000	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125 2014 0.010 0.000	0.054 0.054 0.054 0.210 0.043 0.161 dandfi  2015 0.055 0.127  2015 A N/. 2015 0.011 0.000 0.000	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011 0.000 0.000	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116 2017 2017 0.000 0.000	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110 2018 A N/ 2018 0.012 0.000	0.061 0.061 0.049 0.184 0.184 0.105 0.105 0.019 0.045 0.105 0.010 0.010 0.010 0.010 0.010 0.000 0.000	0.063 0.063 0.249 0.051 0.190 0.042 0.042 0.042 0.099 2020 0.042 0.009	0.063 0.063 0.063 0.246 0.050 0.188 2021 0.043 0.100 2021 0.013 0.013 0.000 0.000	0.062 0.062 0.062 0.243 0.049 0.185 0.044 0.102 0.044 0.102 0.044 0.102	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 0.012 0.000 0.000	0.060 0.060 0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105 2024 0.0105 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to incineration' (based on total recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Trantemen' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert laton (CAI) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill'  Total MSW and C&I recivcling and composting residue sent to hazardous landfill  Total MSW and C&I recivcling and composting residue sent to hazardous landfill  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all reco	n Tonnes) 2005 0.022 0.022 0.085 0.017 0.065 andfill. In the or	0.023 0.023 0.023 0.092 0.019 0.070 riginal mode % % % % 2006 0.054 0.125 ch sub-regio 2006 0.005 0.005	0.025 0.025 0.025 0.099 0.020 0.076 assumption 2007 0.053 0.123 n has accou	0.027 0.027 0.107 0.022 0.082 0.082 0.052 0.121  nted for C&E 2008 0.052 0.121  2008 0.055 0.000 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 d MEL 50%  2009 0.051 0.119 D reuse as a 2009 A N/	0.031 0.031 0.031 0.124 0.025 0.094 was assum  2010 0.050 0.117 an engineer 2010 A N/ 2010 0.006 0.000	0.036 0.036 0.036 0.041 0.029 0.107 ed to go to C  2011 0.051 0.119 ing material. 2011 A N/A 2011 0.007 0.000 0.000	0.040 0.040 0.158 0.032 0.121 0.082 0.121 2012 2012 2012 2012 0.008 0.000 0.000	0.045 0.045 0.045 0.177 0.036 0.135 ing, rather th  2013 0.053 0.123  2013 2013 0.009 0.000 0.000	0.049 0.049 0.049 0.193 0.039 0.147 han to inert 2014 0.054 0.125 2014 0.010 0.000	0.054 0.054 0.054 0.210 0.043 0.161 dandfi  2015 0.055 0.127  2015 A N/. 2015 0.011 0.000 0.000	0.055 0.055 0.055 0.218 0.044 0.166 0.052 0.122 2016 A N// 2016 0.011 0.000 0.000	0.057 0.057 0.057 0.225 0.046 0.172 2017 0.050 0.116 2017 2017 0.000 0.000	0.059 0.059 0.059 0.233 0.047 0.178 2018 0.047 0.110 2018 A N/ 2018 0.012 0.000	0.061 0.061 0.049 0.184 0.184 0.105 0.105 0.019 0.045 0.105 0.010 0.010 0.010 0.010 0.010 0.000 0.000	0.063 0.063 0.249 0.051 0.190 0.042 0.042 0.042 0.099 2020 0.042 0.009	0.063 0.063 0.063 0.246 0.050 0.188 2021 0.043 0.100 2021 0.013 0.013 0.000 0.000	0.062 0.062 0.062 0.243 0.049 0.185 0.044 0.102 0.044 0.102 0.044 0.102	0.061 0.061 0.240 0.049 0.183 0.183 2023 0.044 0.103 2023 0.012 0.000 0.000	0.060 0.060 0.060 0.237 0.048 0.181 0.181 2024 0.045 0.105 2024 0.0105 0.000

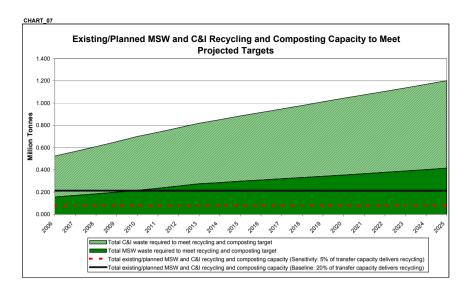


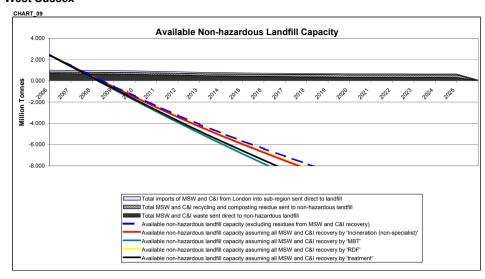


Existing/planned C&D recycling capacity' includes 'Crushing and screening' only

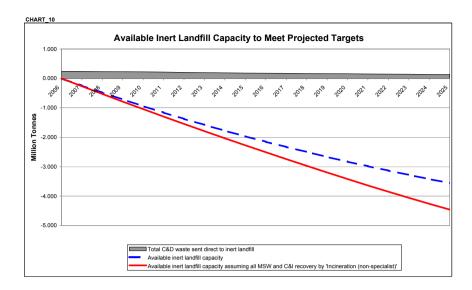
NOTE: This capacity does not represent the quantity of material that is recycled.

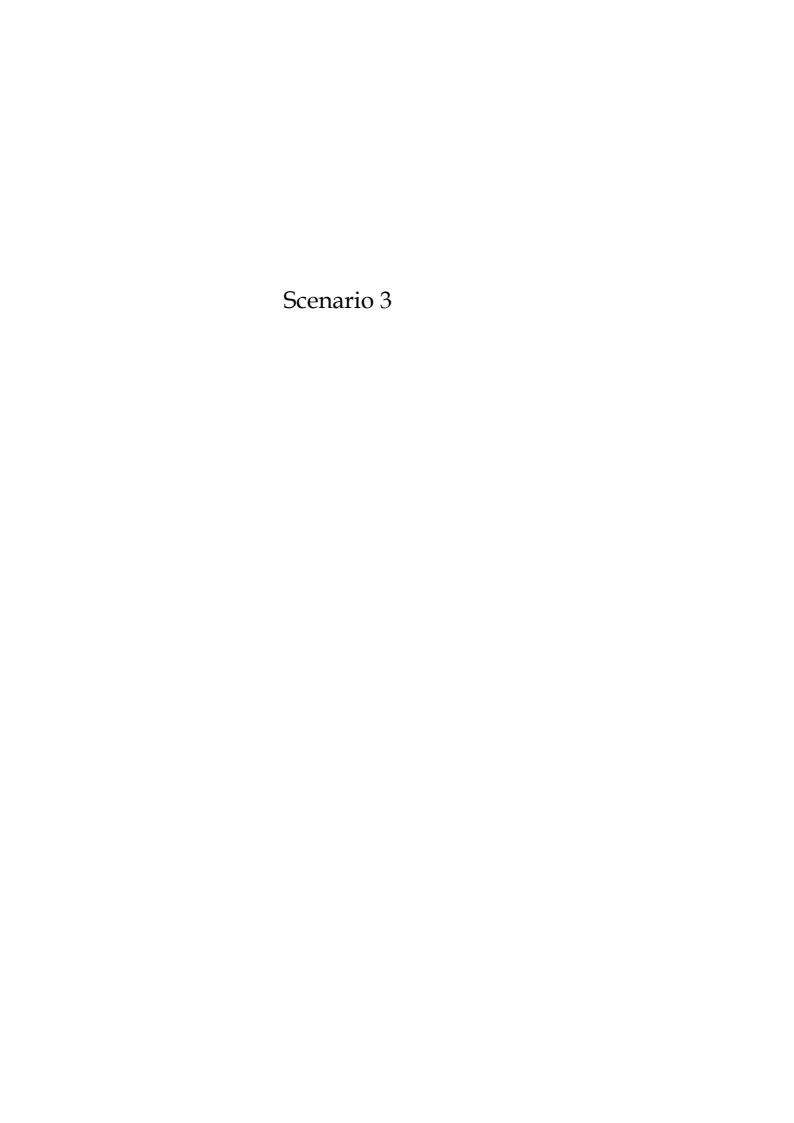
NOTE: Residue from MSW and C&I recovery is based on existing/planned capacity (not waste tonnage to meet recovery target)











#### SUMMARY DATA AND RESULTS FOR SE REGION

MANAGED V	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
nsw	VASTE USED TO GENERATE RESULTS (MINIOTI TOTTIES)		4.886	5.008	5.133	5.261	5.393	5.501	5.611	5.723	5.837	5.954	6.043	6.134	6.226	6.319	6.414	6.510	6.608	6.707	6.808	
	s from london that are sent direct to non-hazardous landfill		0.703	0.685	0.667	0.649	0.631	0.596	0.560	0.525	0.490	0.455	0.436	0.417	0.398	0.379	0.360	0.353	0.346	0.339	0.331	0.32
&i			8.206	8.411	8.621	8.837	9.058	9.239	9.423	9.612	9.804	10.000	10.150	10.302	10.457	10.614	10.773	10.881	10.990	11.100	11.211	11.32
&I - imports &d	from london that are sent direct to non-hazardous landfill		1.011 12.134	0.985 12.134	0.960 12.134	0.934 12.134	0.908 12.134	0.857 12.134	0.806 12.134	0.756 12.134	0.705 12.134	0.654 12.134	0.627 12.134	0.600 12.134	0.573 12.134	0.546 12.134	0.519 12.134	0.506 12.134	0.493 12.134	0.481 12.134	0.468 12.134	0.45 12.13
azardous			0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	
id <u>L</u> di dodo			0.100	0.101	0.010	0.022	0.000	0.010	0.001	0.000	0.070	0.001	0.000	0.000	0.010	0.021	0.007	0.010	0.000	0.000	0.000	0.00
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
nsw	LATS shortfall (how much extra is landfilled above LATS target)		-0.180	-0.142	-0.073	0.024	0.151	0.201	0.245	0.283	0.181	0.073	0.061	0.047	0.030	0.012	-0.008	-0.006	-0.004	-0.002	0.000	0.00
	Recycling and composting target Recovery target		1.563 0.313	1.703 0.391	1.848 0.472	2.018 0.563	2.274 0.682	2.460 0.843	2.646 1.010	2.832 1.182	2.927 1.317	3.026 1.453	3.123 1.519	3.221 1.586	3.320 1.654	3.421 1.723	3.528 1.796	3.646 1.771	3.767 1.745	3.890 1.717	4.017 1.688	4.14 1.65
	Non-hazardous landfill		3.010	2 914	2.813	2 680	2.437	2.197	1.010	1.709	1.517	1.475	1.402	1.300	1.054	1.723	1.790	1.771	1.743	1.100	1.103	
&i	Recycling and composting target		3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.36
	Recovery target		1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.15
	Non-hazardous landfill		3.594	3.499	3.397	3.287	3.170	3.049	2.921	2.787	2.647	2.500	2.416	2.328	2.238	2.144	2.047	2.002	1.956	1.909	1.861	1.8
&d	Recycling target		5.582 4.295	5.703 4.223	5.824 4.150	5.946 4.077	6.067 4.004	6.067 4.077	6.067 4.150	6.067 4.223	6.067	6.067 4.368	6.310 4.174	6.552 3.980	6.795 3.786	7.038 3.592	7.280	7.280 3.446	7.280 3.495	7.280 3.543	7.280 3.592	7.2 3.6
	Recovery target Inert landfill		2 257	2 208	2 160	2 111	2.063	1 990	1 917	1 844	4.295 1.772	1 699	1.650	1 602	1 553	1 505	3.397 1.456	1.446	1 359	1 310	1 262	1.2
azardous	Hazardous waste		0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the more	odel assume	es that this e	extra waste	is recycled/	composted	and recover	ed at the sa	me ratio as	the regiona	I targets for	recycling/o	omposting a	and recover	y for that ye	ar.						
VICTING/DI	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS.	AL BOUTE	/Million To	nnoo)																		
AISTING/FI	ANNED CAPACITY FOR RECIPEING, RECOVERY AND LANDFILLING AND TOTAL WASTE TOWNAGES TO EACH DISPOSI	AL ROUTE	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
ISW and C8	l recovery		2000	2007	2000		2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL	LULU		
	Total existing/planned MSW and C&I recovery capacity		3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.5
	Surplus/deficit capacity		2.057	1.933	1.803	1.664	1.494	1.213	0.922	0.622	0.355	0.082	-0.035	-0.153	-0.274	-0.396	-0.524	-0.478	-0.430	-0.380	-0.329	-0.2
ISW and C8	recycling and composting		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.599 6.688	8.
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		3.590	3.196	2.786	2.340	1.797	1.428	1.053	0.673	0.378	0.000	-0.208	-0.494	-0.786	-1.083	-1.392	-1.684	-1.981	-2.284	-2.592	
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		1.678	1.284	0.874	0.428	-0.115	-0.484	-0.858	-1.239	-1.533	-1.839	-2.119	-2.406	-2.697	-2.995	-3.304	-3.595	-3.892	-4.195	-4.504	-4.
&D recyclin																						
	Total existing/planned C&D recycling capacity		0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.
	Surplus/deficit capacity		-5.194	-5.315	-5.437	-5.558	-5.679	-5.679	-5.679	-5.679	-5.679	-5.679	-5.922	-6.165	-6.407	-6.650	-6.893	-6.893	-6.893	-6.893	-6.893	-6.
D recover	/ REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.
	Surplus/deficit capacity		-2.502	-2.512	-2.523	-2 533	-2 544	-2.638	-2.731	-2.825	-2.919	-3.012	-2 849	-2 687	-2 524	-2.361	-2 198	-2.226	-2.253	-2.281	-2.309	
zardous w	Sate recycling		2.002	2.012	2.020		2.011	2.000	2.701	2.020	2.010	0.012	2.010	2.007	2.021	2.001	2.100	L.LLU	2.200	2.201	2.000	
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
lazardous w	aste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.0
on-hazardo	us landfill																					
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		65.674	56.047	46.582	37.292	28.209	19.436	11.055	3.074	-4.499	-11.774	-18.743	-25.576	-32.268	-38.816	-45.217	-51.460	-57.686	-63.893	-70.082	-76.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		65.618	55.769	46.064	36.514	27.150	18.071	9.342	0.969	-7.040	-14.792	-22.280	-29.648	-36.893	-44.012	-51.003	-57.855	-64.682	-71.484	-78.260	-85.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDE'		65.453 65.629	54.953 55.824	44.544 46.168	34.232 36.670	24.045 27.362	14.068 18.344	4.318 9.685	-5.205 1.390	-14.495	-23.647 -14.189	-32.653 -21.573	-41.592 -28.833	-50.459 -35.968	-59.254 -42.973	-67.974 -49.846	-76.612 -56.576	-85.205 -63.283	-93.751 -69.966	-102.249 -76.624	-110. -83.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		65.505	55.024	45.100	34.958	25.033	15.344	5.916	-3.240	-6.532 -12.123	-14.169	-21.573	-20.033	-35.966 -46.142	-42.973 -54.404	-49.646 -62.574	-70.644	-03.203 -78.675	-86.666	-76.624 -94.616	
ert landfill																						
	Available inert landfill capacity		74.056	71.799	69.591	67.431	65.320	63.257	61.267	59.350	57.506	55.734	54.035	52.385	50.783	49.230	47.726	46.270	44.862	43.503	42.193	
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		74.041	71.563	69.114	66.695	64.303	61.934	59.596	57.287	55.006	52.757	50.541	48.355	46.200	44.076	41.982	39.917	37.908	35.954	34.056	32.
azardous la	ndtill Available hazardous landfill capacity		3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.
	Note: The model does not contain data for the management of hazardous waste.		3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3
	Note: The model does not contain data for the management of nazardods waste.																					
ATA_01: A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
SW	Arisings of MSW in baseline year																					
	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1
(1	) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts	4 766	4 886	5.008	5 133	5 261	5 393	5 501	5 611	5 723	5.837	5 954	6.043	6 134	6 226	6.319	6 4 1 4	6.510	6 608	6 707	6.808	6
(1	Forecast sub-regional growth rate of MSW - per year (%)	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1
	) Forecast sub-regional level growth rate of MSW - cumulative (%)	2.070	2.070	2.070	2.070	2.070	2.070	2.070	2.070	2.070	2.070	2.070	1.570	1.570	1.570	1.570	1.570	1.570	1.570	1.570	1.570	
	Total arisings of MSW using sub-regional growth forecasts	4.747	4.862	4.976	5.088	5.202	5.312	5.409	5.499	5.591	5.685	5.779	5.857	5.935	6.015	6.085	6.162	6.240	6.320	6.400	6.482	6
i	Arisings of C&I in baseline year																					
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
(1	Forecast regional level growth rate of C&I - cumulative (%)	8.006	8.206	8 411	8.621	8 837	9.058	9.239	9 423	9.612	9 804	10.000	10.150	10.302	10.457	10 614	10.773	10.881	10.990	11.100	11.211	11
/1	Total arisings of C&I using regional growth forecasts  Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
	Forecast sub-regional level growth rate of C&I - cumulative (9)	3.370	2.570	2.570	2.570	2.570	2.570	2.070	2.070	2.070	2.070	2.070	1.570	1.570	1.570	1.570	1.570	1.070	1.070	1.070	1.070	
	Total arisings of C&I using sub-regional growth forecasts	7.903	8.080	8.256	8.437	8.622	8.806	8.961	9.118	9.279	9.443	9.598	9.719	9.842	9.967	10.093	10.214	10.297	10.380	10.464	10.550	1
	Arisings of hazardous waste in baseline year																				-	
(2	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
	Forecast regional level growth rate of hazardous waste - cumulative (%)	0.476	0.405	0.40=	0.545	0.50-	0.505	0.545	0.555	0.505	0.575	0.50:	0.005	0.005	0.045	0.00=	0.00=	0.04-	0.05-	0.05-	0.05-	
-	Total arisings of hazardous waste	0.473 3.3%	0.485 2.5%	0.497 2.5%	0.510 2.5%	0.522 2.5%	0.535 2.5%	0.546 2.0%	0.557 2.0%	0.568 2.0%	0.579 2.0%	0.591 2.0%	0.600 1.5%	0.609	0.618 1.5%	0.627 1.5%	0.637	0.643 1.0%	0.650	0.656 1.0%	0.663	
(2	) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%)	3.3%	2.5%	2.5%	2.5%	2.070	2.5%	2.076	2.076	2.076	2.076	2.0%	1.0%	1.0%	1.0%	1.0%	1.5%	1.0%	1.0%	1.0%	1.0%	
	Total arisings of hazardous waste	0.471	0.481	0.493	0.504	0.516	0.527	0.537	0.547	0.557	0.567	0.578	0.586	0.594	0.602	0.610	0.618	0.624	0.629	0.635	0.641	
d	Total managed C&D in baseline year																					
(3	Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	(
	Forecast regional-level growth rate of managed C&D - cumulative (%)																					
(3	Total managed of C&D for the sub-region	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.8

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

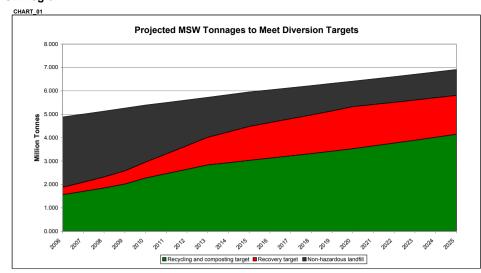
DATA_02:	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c8	i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	1.760	1.716	1.672	1.628	1.584	1.540	1.454	1.368	1.282	1.196	1.110	1.064	1.018	0.972	0.926	0.880	0.860	0.840	0.820	0.800	0.780
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%	38%	38%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.657	0.640	0.624	0.608	0.591	0.575	0.543	0.511	0.478	0.446	0.414	0.397	0.380	0.363	0.346	0.328	0.322	0.315	0.309	0.302	0.296
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.660	0.645	0.629	0.612	0.596	0.579	0.547	0.515	0.482	0.449	0.417	0.400	0.383	0.366	0.348	0.331	0.325	0.318	0.311	0.304	0.298
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%	62%	62%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	1.103	1.076	1.048	1.020	0.993	0.965	0.911	0.857	0.804	0.750	0.696	0.667	0.638	0.609	0.580	0.552	0.538	0.525	0.511	0.498	0.484
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	1.100	1.071	1.043	1.016	0.988	0.961	0.907	0.853	0.800	0.747	0.693	0.664	0.635	0.606	0.578	0.549	0.535	0.522	0.509	0.496	0.482

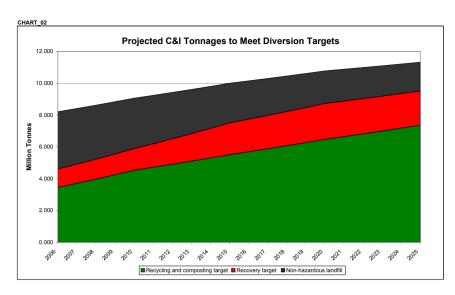
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloadable from www.southeast-ra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_sep\_d( Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I waste.

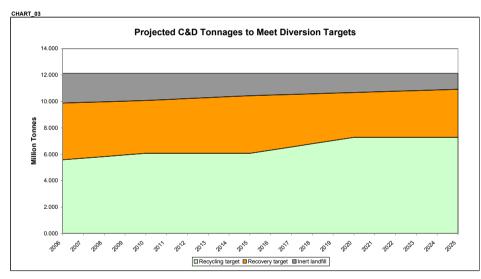
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	4.766	4.886	5.008	5.133	5.261	5.393	5.501	5.611	5.723	5.837	5.954	6.043	6.134	6.226	6.319	6.414	6.510	6.608	6.707	6.808	6.910
msw - imports from london that are sent direct to non-hazardous landfill	0.721	0.703	0.685	0.667	0.649	0.631	0.596	0.560	0.525	0.490	0.455	0.436	0.417	0.398	0.379	0.360	0.353	0.346	0.339	0.331	0.324
c&i	8.006	8.206	8.411	8.621	8.837	9.058	9.239	9.423	9.612	9.804	10.000	10.150	10.302	10.457	10.614	10.773	10.881	10.990	11.100	11.211	11.323
c&I - imports from london that are sent direct to non-hazardous landfill	1.037	1.011	0.985	0.960	0.934	0.908	0.857	0.806	0.756	0.705	0.654	0.627	0.600	0.573	0.546	0.519	0.506	0.493	0.481	0.468	0.456
c&d	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134	12.134		12.134
hazardous	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
DATA_04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	2.295	2.226	2.123	1.986	1.815	1.609	1.430	1.251	1.072	1.026	0.980	0.934	0.888	0.842	0.796	0.750	0.750	0.750	0.750	0.750	0.750
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

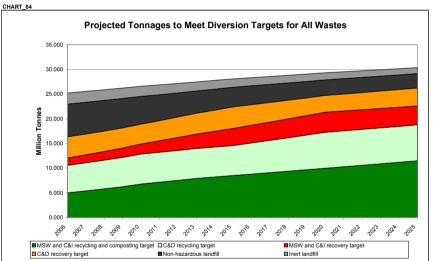
DATA\_02 calculates if there is a LATS shortfall or surplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and recovered at the same ratio as the regional targets for recycling/composting and recovery for that year. If there is a LATS surplus (ie more can be landfilled than is needed to meet regional diversion targets) then the model assumes that regional diversion targets are met (ie

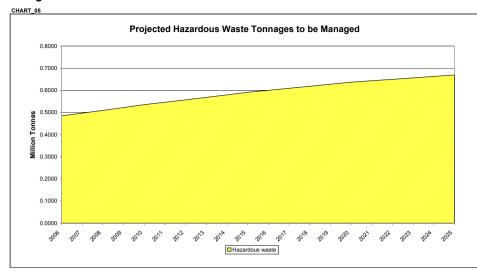
	landfilled than is needed to meet regional diversion targets) then the model assumes that regional diversion targets are met (ie																					
	less waste is landfilled than LATS will allow). 'Red italic' text indicates where there is a shortfall.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	1.668	1.876	2.093	2.320	2.557	2.804	3.102	3.411	3.731	4.063	4.406	4.581	4.760	4.943	5.131	5.324	5.417	5.511	5.607	5.705	5.804
	Total MSW not-diverted by targets	3.098	3.010	2.914	2.813	2.704	2.589	2.398	2.199	1.992	1.775	1.548	1.462	1.374	1.283	1.188	1.090	1.094	1.097	1.100	1.103	1.106
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	2.107	2.046	1.982	1.913	1.839	1.760	1.631	1.496	1.354	1.207	1.053	0.994	0.934	0.872	0.808	0.741	0.744	0.746	0.748	0.750	0.752
	LATS shortfall (how much extra is landfilled above LATS target)	-0.188	-0.180	-0.142	-0.073	0.024	0.151	0.201	0.245	0.283	0.181	0.073	0.061	0.047	0.030	0.012	-0.008	-0.006	-0.004	-0.002	0.000	0.002
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.005	0.035	0.051	0.068	0.083	0.056	0.024	0.020	0.015	0.010	0.004	0.000	0.000	0.000	0.000	0.000	0.001
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.019	0.116	0.150	0.177	0.199	0.125	0.049	0.041	0.031	0.020	0.008	0.000	0.000	0.000	0.000	0.000	0.001
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	1.430	1.563	1.703	1.848	2.018	2.274	2.460	2.646	2.832	2.927	3.026	3.123	3.221	3.320	3.421	3.528	3.646	3.767	3.890	4.017	4.147
	Recovery target	0.238	0.313	0.391	0.472	0.563	0.682	0.843	1.010	1.182	1.317	1.453	1.519	1.586	1.654	1.723	1.796	1.771	1.745	1.717	1.688	1.659
	Non-hazardous landfill	3.098	3.010	2.914	2.813	2.680	2.437	2.197	1.954	1.709	1.593	1.475	1.402	1.327	1.252	1.176	1.090	1.094	1.097	1.100	1.103	1.104
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	3.202	3,446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.360
	Recovery target	1.121	1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.151
	Non-hazardous landfill	3.683	3.594	3.499	3.397	3.287	3.170	3.049	2.921	2.787	2.647	2.500	2.416	2.328	2.238	2.144	2.047	2.002	1.956	1.909	1.861	1.812
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	,																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	Recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
DATA OC:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_00.	MSW and C&I recycling and composting target	4.632	5.010	5.403	5.814	6.260	6.802	7.172	7.546	7.926	8.221	8.526	8.807	9.093	9.385	9.683	9.992	10.283	10.580	10.883	11.191	11.507
	C&D recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.280
	MSW and C&I recovery target	1.359	1.478	1.602	1.731	1.871	2.041	2.322	2.612	2.912	3.180	3.453	3.569	3.687	3.808	3.931	4.058	4.012	3.964	3.915	3.863	3.810
	C&D recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4.150	4.223	4.295	4.368	4.174	3.980	3.786	3.592	3.397	3.446	3.495	3.543	3.592	3.640
	Non-hazardous landfill	6.781	6.604	6.413	6.210	5.967	5.607	5.246	4.150	4.496	4.295	3.975	3.817	3.656	3.490	3.320	3.137	3.096	3.053	3.009	2.964	2.915
	Inert landfill	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.213
	Hazardous waste	0.473	0.485	0.497	0.510	0.522	0.535	0.546	0.557	0.568	0.579	0.591	0.600	0.609	0.618	0.627	0.637	0.643	0.650	0.656	0.663	0.669
	riazaruous wasic	0.473	0.400	0.497	0.510	0.322	0.000	0.040	0.357	0.000	0.379	0.591	0.000	0.009	0.010	0.027	0.037	0.043	0.000	0.000	0.003	0.009









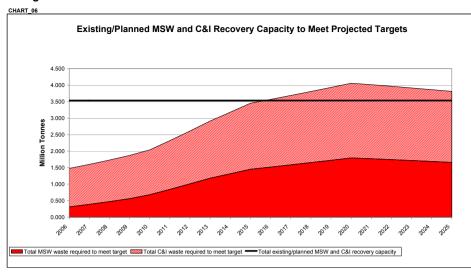


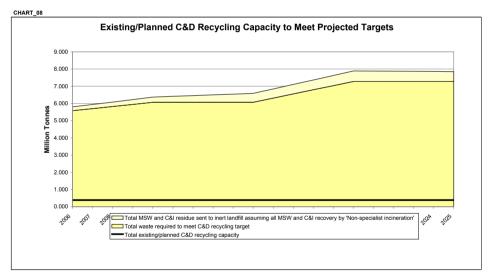
3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

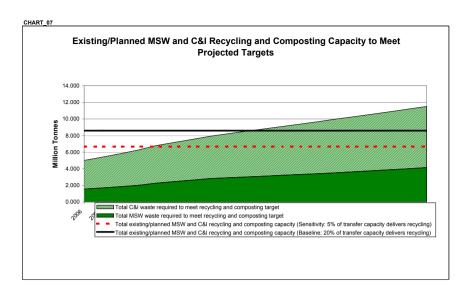
NOTING/FLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TOWNAGES TO EA	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery		2000	2007	2000	2000	20.0			20.0		20.0	20.0	20	20.0	20.0	2020	LULI	LULE			
MSW and C&I incineration (non-specialist)	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.99
MSW and C&I treatment	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.544	2.54
Total existing/planned MSW and C&I recovery capacity	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.53
Total MSW waste required to meet target	0.238	0.313	0.391	0.472	0.563	0.682	0.843	1.010	1.182	1.317	1.453	1.519	1.586	1.654	1.723	1.796	1.771	1.745	1.717	1.688	1.65
Total C&I waste required to meet target	1.121	1.165	1.211	1.259	1.308	1.359	1.478	1.602	1.730	1.863	2.000	2.050	2.102	2.154	2.208	2.262	2.241	2.220	2.198	2.175	2.15
Surplus/deficit capacity	2.175	2.057	1.933	1.803	1.664	1.494	1.213	0.922	0.622	0.355	0.082	-0.035	-0.153	-0.274	-0.396	-0.524	-0.478	-0.430	-0.380	-0.329	-0.27
MSW and C&I recycling and composting																					
MSW and C&I recycling	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.427	5.42
MSW and C&I transfer	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.744	12.74
Total existing/planned MSW and C&I composting capacity	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.6
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.599	8.59
Fotal existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.688	6.68
Total MSW waste required to meet recycling and composting target	1.430	1.563	1.703	1.848	2.018	2.274	2.460	2.646	2.832	2.927	3.026	3.123	3.221	3.320	3.421	3.528	3.646	3.767	3.890	4.017	4.14
Fotal C&I waste required to meet recycling and composting target	3.202	3.446	3.701	3.966	4.242	4.529	4.712	4.900	5.094	5.294	5.500	5.684	5.872	6.065	6.262	6.464	6.637	6.814	6.993	7.175	7.36
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	3.967	3.590	3.196	2.786	2.340	1.797	1.428	1.053	0.673	0.378	0.073	-0.208	-0.494	-0.786	-1.083	-1.392	-1.684	-1.981	-2.284	-2.592	-2.90
surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	2.056	1.678	1.284	0.874	0.428	-0.115	-0.484	-0.858	-1.239	-1.533	-1.839	-2.119	-2.406	-2.697	-2.995	-3.304	-3.595	-3.892	-4 195	-4 504	-4.8
C&D recycling																					
otal existing/planned C&D recycling capacity	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.3
otal waste required to meet C&D recycling target	5.460	5.582	5.703	5.824	5.946	6.067	6.067	6.067	6.067	6.067	6.067	6.310	6.552	6.795	7.038	7.280	7.280	7.280	7.280	7.280	7.2
Surplus/deficit capacity	-5.073	-5.194	-5.315	-5.437	-5.558	-5.679	-5.679	-5.679	-5.679	-5.679	-5.679	-5.922	-6.165	-6.407	-6.650	-6.893	-6.893	-6.893	-6.893	-6.893	-6.8
&D recovery	0.070	0.101	0.010	0.101	0.000	0.070	0.070	0.070	0.010	0.070	0.070	0.022	0.100	0.101	0.000	0.000	0.000	0.000	0.000	0.000	0.00
EGIONAL total existing/planned C&D recovery capacity	1.877	1 794	1.710	1.627	1.544	1.460	1 439	1 418	1.398	1.377	1.356	1.325	1 293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.3
ub-regional total waste required to meet C&D recovery target	4.368	4.295	4.223	4.150	4.077	4.004	4.077	4 150	4 223	4 295	4.368	4 174	3.980	3.786	3.592	3.397	3 446	3 495	3.543	3 592	3.6
urplus/deficit capacity	-2.491	-2.502	-2.512	-2.523	-2.533	-2.544	-2.638	-2.731	-2.825	-2.919	-3.012	-2.849	-2.687	-2.524	-2.361	-2.198	-2.226	-2.253	-2.281	-2.309	-2.3
azardous waste recycling	-2.431	-2.502	-2.512	-2.020	-2.000	-2.544	-2.000	-2.701	-2.025	-2.313	-0.012	-2.043	-2.001	-2.524	-2.501	-2.100	-2.220	-2.200	-2.201	-2.503	-2.0
otal existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
otal hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N									
arardous waste recovery	10/5	1975	14/75	1975	IVA	14075	107	1407	14//5	14/75	10/7	14075	1975	1407	100	1975	10/5	INA	14075	14/75	
otal existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
otal hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N.O.									
urplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A										
on-hazardous landfill	10/5	1975	14/73	1975	10/1	14075	INA	IWA	14//3	1977	1975	1000	1977	1977	10/5	14/75	1975	INA	14075	1975	.,
vailable non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		65.674	56.047	46.582	37.292	28.209	19.436	11.055	3.074	-4 499	-11.774	-18.743	-25.576	-32.268	-38.816	-45.217	-51.460	-57.686	-63.893	-70.082	-76.2
wailable non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		65.618	55.769	46.064	36.514	27.150	18.071	9.342	0.969	-7.040	-14 792	-22.280	-29.648	-36.893	-44 012	-51.003	-57.855	-64.682	-71 484	-78.260	-85.00
vailable non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		65.453	54.953	44 544	34 232	24.045	14.068	4.318	-5.205	-14 495	-23 647	-32 653	-41.592	-50.055	-59.254	-67.974	-76.612	-85.205			-110.6
vailable non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBF'		65.629	55.824	46.168	36.670	27.362	18.344	9.685	1.390	-6.532	-14.189	-21.573	-28.833	-35.968	-42.973	-49.846	-56.576	-63.283	-69.966	-76.624	-83.2
vailable non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		65.505	55.213	45.027	34.958	25.033	15.342	5.005	-3.240	-12.123	-20.829	-21.373	-37.791	-46 142	-54 404	-62.574	-70.644	-78.675	-86.666	-94 616	-102.5
otal MSW and C&I waste sent direct to non-hazardous landfill		6.604	6.413	6.210	5.967	5.607	5 246	4 876	4 496	4 241	3 975	3.817	3.656	3 490	3.320	3.137	3.096	3.053	3.009	2 964	2.9
nert landfill		0.004	0.413	0.210	5.907	5.007	5.240	4.070	4.490	4.241	3.975	3.017	3.000	3.490	3.320	3.137	3.090	3.053	3.009	2.904	2.9
vailable inert landfill capacity		74.056	71.799	69.591	67.431	65.320	63.257	61.267	59.350	57.506	55.734	54.035	52.385	50.783	49.230	47.726	46.270	44.862	43.503	42.193	40.93
wailable inert landfill capacity  wailable inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		74.056	71.799	69.114	66.695	64.303	61.934	59.596	57.287	55.006	52.757	50.541	48.355	46.200	49.230	41.720	39.917	37.908	35.954	34.056	32.2
ivaliable their farionil capacity assuming all wisvy and C&r recovery by Tricineration (non-specialist)  oral C&D waste sent direct to inert landfill	2.305	2 257	2 208				1 990	1 917	1.844		1.699				1.505	1 456	1 408				
otal C&D waste sent direct to inertianotiii	2.305	2.257	2.208	2.160	2.111	2.063	1.990	1.917	1.844	1.772	1.699	1.650	1.602	1.553	1.505	1.456	1.408	1.359	1.310	1.262	1.2
		3 309	3.309	3 309	3.309	3.309	3.309	3.309	3.309	3.309	3 309	3.309	3 309	3.309	3.309	3.309	3.309	3.309	3.309	3 309	3.3
wailable hazardous landfill capacity																					
otal hazardous waste sent direct to hazardous landfill	I.	I/A N	I/A N	/A N	/A N	/A N	/A N	/A N	M N	/A N	M N	WA N	/A N	/A N	/A N	wa N	I/A N	/A N	V/A N	V/A N	N/A
Other Control of the	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	- 0.0
Metal/ELV facility	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.385	3.38
gnored	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.005	6.00
Closed	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454	0.454

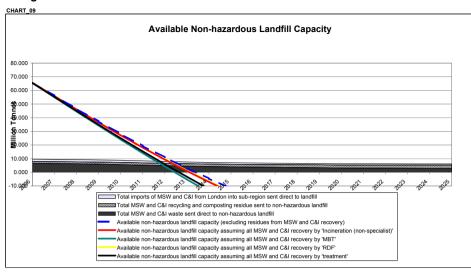
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for CAD recovery for Ind

8: RESIDUE RATES (%) Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																				
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10
Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
langred	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in	n its calculations bec	ause these a	re not relev	ant to the ma	anagement o	of MSW, C8	and C&D.	These dat	a are include	ed for the p	urposes of c	ompletenes	S.							
D: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):																				
MSW and C&I incineration (non-specialist) - bottom ash	0.408	0.443	0.481	0.519	0.561	0.612	0.696	0.784	0.874	0.954	1.036	1.071	1.106	1.142	1.179	1.217	1.204	1.189	1.174	1.159
MSW and C&I incineration (non-specialist) - fly ash	0.041	0.044	0.048	0.052	0.056	0.061	0.070	0.078	0.087	0.095	0.104	0.107	0.111	0.114	0.118	0.122	0.120	0.119	0.117	0.116
MSW and C&I to MBT	0.802	0.872	0.945	1.021	1.104	1.204	1.370	1.541	1.718	1.876	2.037	2.106	2.176	2.247	2.319	2.394	2.367	2.339	2.310	2.279
MSW and C&I to RDF	0.163 0.612	0.177 0.665	0.192 0.721	0.208 0.779	0.224 0.842	0.245 0.918	0.279 1.045	0.313 1.176	0.349 1.310	0.382 1.431	0.414 1.554	0.428 1.606	0.442 1.659	0.457 1.714	0.472 1.769	0.487 1.826	0.481 1.806	0.476 1.784	0.470 1.762	0.464 1.738
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	0.612 0.068	0.665	0.721	0.779	0.842	0.918	1.045 0.116	1.176 0.131	1.310 0.146	1.431 0.159	1.554 0.173	1.606 0.178	1.659 0.184	1.714 0.190	1.769 0.197	1.826 0.203	1.806 0.201	1.784 0.198	1.762 0.196	1.738 0.193
Hazardous waste recovery				U.U67 I/A N/																
Recycling residues (of waste managed):	14/74	*** N	IN	IN/	· · · · · · · · · · · · · · · · · · ·	. IN/.	. 19//	. 19/	IN/	IN/	,, iN//	. 19//	. 19//	, iN/	. 19/	IN	N	IN	IN/	
MSW and C&I recycling and composting	0.695	0.751	0.811	0.872	0.939	1.020	1.076	1.132	1.189	1.233	1.279	1.321	1.364	1.408	1.452	1.499	1.542	1.587	1.632	1.679
C&D recycling	0.546	0.558	0.570	0.582	0.595	0.607	0.607	0.607	0.607	0.607	0.607	0.631	0.655	0.679	0.704	0.728	0.728	0.728	0.728	0.728
Hazardous waste recycling	N/A	V/A N	I/A N	/A N/	A N/	A N/.	A N/A	A N	/A N/	A N	A N/	N/A	N/.	A N/	A N	A N	/A N	A N	/A N/	A
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	2005 1.241	2006 1.310	2007 1.381	2008 1.454	2009 1.534	2010 1.627	2011 1.682	2012 1.739	2013 1.796	2014 1.840	2015 1.886	2016 1.952	2.019	2018 2.087	2019 2.156	2020	2021 2.270	2022 2.315	2023 2.360	2024 2.407
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING	(*************************************																			
	(Million Lonnes)																			
	(Million Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005																			
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine	2005 ration' 0.204	0.222	0.240	0.260	0.281	0.306	0.348	0.392	0.437	0.477	0.518	0.535	0.553	0.571	0.590	0.609	0.602	0.595	0.587	0.579
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005																			
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	2005 eration' 0.204 0.204	0.222 0.222	0.240 0.240	0.260 0.260	0.281 0.281	0.306 0.306	0.348 0.348	0.392 0.392	0.437 0.437	0.477 0.477	0.518 0.518	0.535 0.535	0.553 0.553	0.571 0.571	0.590 0.590	0.609 0.609	0.602 0.602	0.595 0.595	0.587 0.587	0.579 0.579
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	2005 ration' 0.204	0.222	0.240	0.260	0.281	0.306	0.348	0.392	0.437	0.477	0.518	0.535	0.553	0.571	0.590	0.609	0.602	0.595	0.587	0.579
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (r) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (r) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	2005 eration' 0.204 0.204	0.222 0.222	0.240 0.240	0.260 0.260	0.281 0.281	0.306 0.306	0.348 0.348	0.392 0.392	0.437 0.437	0.477 0.477	0.518 0.518	0.535 0.535	0.553 0.553	0.571 0.571	0.590 0.590	0.609 0.609	0.602 0.602	0.595 0.595	0.587 0.587	0.579 0.579
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is 'yMBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	2005 eration' 0.204 0.204 0.802	0.222 0.222 0.872	0.240 0.240 0.945	0.260 0.260 1.021	0.281 0.281 1.104	0.306 0.306 1.204	0.348 0.348 1.370	0.392 0.392 1.541	0.437 0.437 1.718	0.477 0.477 1.876	0.518 0.518 2.037	0.535 0.535 2.106	0.553 0.553 2.176	0.571 0.571 2.247	0.590 0.590 2.319	0.609 0.609 2.394	0.602 0.602 2.367	0.595 0.595 2.339	0.587 0.587 2.310	0.579 0.579 2.279
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	2005 eration' 0.204 0.204 0.802	0.222 0.222 0.872	0.240 0.240 0.945	0.260 0.260 1.021	0.281 0.281 1.104	0.306 0.306 1.204	0.348 0.348 1.370	0.392 0.392 1.541	0.437 0.437 1.718	0.477 0.477 1.876	0.518 0.518 2.037	0.535 0.535 2.106	0.553 0.553 2.176	0.571 0.571 2.247	0.590 0.590 2.319	0.609 0.609 2.394	0.602 0.602 2.367	0.595 0.595 2.339	0.587 0.587 2.310	0.579 0.579 2.279
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'WBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'WET' (based on total recovery capacity)	2005 rration' 0.204 0.204 0.802 0.163 0.612	0.222 0.222 0.872 0.177 0.665	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Yreatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	2005 rration' 0.204 0.204 0.802 0.163 0.612	0.222 0.222 0.872 0.177 0.665	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the c	0.222 0.222 0.872 0.177 0.665 original mode	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is 'Verteatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites	2005 rration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the c	0.222 0.222 0.872 0.177 0.665 original mode	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the of	0.222 0.222 0.872 0.177 0.665 vriginal mode	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is 'MDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	2005 rration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the c	0.222 0.222 0.872 0.177 0.665 vriginal mode	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (5) Total MSW and C&I residue sent to iner landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the of	0.222 0.222 0.872 0.177 0.665 vriginal mode	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779	0.281 0.281 1.104 0.224 0.842	0.306 0.306 1.204 0.245 0.918	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176	0.437 0.437 1.718 0.349	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428	0.553 0.553 2.176 0.442	0.571 0.571 2.247 0.457	0.590 0.590 2.319 0.472	0.609 0.609 2.394 0.487	0.602 0.602 2.367 0.481	0.595 0.595 2.339 0.476	0.587 0.587 2.310 0.470	0.579 0.579 2.279 0.464
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (7) It was assumed that 50% of residue from 'non-hazardous landfill (9) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to (10) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the c	0.222 0.222 0.872 0.177 0.665 riginal mode	0.240 0.240 0.945 0.192 0.721	0.260 0.260 1.021 0.208 0.779 ns developed	0.281 0.281 1.104 0.224 0.842 d MEL 50%	0.306 0.306 1.204 0.245 0.918 was assum	0.348 0.348 1.370 0.279 1.045	0.392 0.392 1.541 0.313 1.176 C&D recycl	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431	0.518 0.518 2.037 0.414 1.554	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (5) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill'	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the control of the	0.222 0.222 0.872 0.177 0.665 riginal mode	0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed	0.281 0.281 1.104 0.224 0.842 d MEL 50%	0.306 0.306 1.204 0.245 0.918 was assum	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 man to inert	0.518 0.518 2.037 0.414 1.554 landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (2) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery by by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery by 'Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' Total reused C&D on inert landfill'  Total C&D reused on on-hazardous landfill Total reused C&D on inert landfill  Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the or 1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.222 0.222 0.872 0.177 0.665 original mode % % % % 2006 0.500 1.166	0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed	0.281 0.281 1.104 0.224 0.842 d MEL 50%	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 nan to inert	0.518 0.518 2.037 0.414 1.554 landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (5) Total MSW and C&I residue sent to inert andfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery by by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill'  Total reused C&D on inert landfill  Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed tha	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the or 1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.222 0.222 0.872 0.177 0.665 original mode % % % % 2006 0.500 1.166	0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed	0.281 0.281 1.104 0.224 0.842 d MEL 50%	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 nan to inert	0.518 0.518 2.037 0.414 1.554 landfi	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (2) Total MSW and C&I residue sent to incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  Total C&D reused on original model assumptions developed MEL  NOTE: C&D reuse on linert land non-hazardous landfill is not included within the charts because it has been assumed that NOTE: C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed that	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the or 1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.222 0.222 0.872 0.177 0.665 original mode % % % % 2006 0.500 1.166	0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087	0.348 0.349 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 nan to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606	0.553 0.553 2.176 0.442 1.659	0.571 0.571 2.247 0.457 1.714	0.590 0.590 2.319 0.472 1.769	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (2) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 1 C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  Total reused C&D on inert landfill  (5) C&D reuse rates based on original model assumptions developed MEL	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 0.2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.872 0.177 0.665 original mode % % % % %	0.240 0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed 2008 0.483 1.127	0.281 0.281 1.104 0.224 0.842 d MEL 50%	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 van to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 2.394 0.487 1.826	0.602 0.602 2.367 0.481 1.806	0.595 0.595 2.339 0.476 1.784	0.587 0.587 2.310 0.470 1.762	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (2) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 10 C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (2) C&D reuse artes based on original model assumptions developed MEL NOTE: C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed tha  **COTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the of 1.2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.872 0.177 0.665 riginal mode % % % 2006 0.500 1.166 ch sub-regio	0.240 0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed 2008 0.483 1.127 unted for C&E	0.281 0.281 1.104 0.224 0.842 0.842 0 MEL 50%  2009 0.474 1.107 D reuse as a	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 nan to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incine (5) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reuse rates based on original model assumptions developed MEL (5) C&D reuse rates based on original model assumptions developed MEL (6) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed tha TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the or 0.2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.222 0.872 0.177 0.665 riginal mode % % % 2006 0.500 1.166 ch sub-regio	0.240 0.240 0.240 0.945 0.192 0.721 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed 2008 0.483 1.127 unted for C&L	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147	0.477 0.477 1.876 0.382 1.431 nan to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 /A N/	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  Total C&D reused on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed tha TOTAL MSW AND C&I received preciping and composting residue sent to hazardous landfill with received preciping and composting residue sent to hazardous landfill and C&I recovery capacity)  Total MSW and C&I recivery by FNon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residues sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incin	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the or 0.2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.872 0.177 0.665 riginal mode % % % 2006 0.500 1.166 ch sub-regio	0.240 0.240 0.240 0.945 0.192 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed 2008 0.483 1.127 unted for C&E	0.281 0.281 1.104 0.224 0.842 0.842 0 MEL 50%  2009 0.474 1.107 D reuse as a	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl 2012 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ing, rather th	0.477 0.477 1.876 0.382 1.431 nan to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (9) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (9) C&D reused on landfill sites (9) C&D reused on landfill sites (9) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reuse alone sent on non-hazardous landfill and sumplifill and sites sent to 'non-haz landfill' (1) C&D reuse alone sent on non-hazardous landfill and landfill' (1) C&D reuse alone sent on non-hazardous landfill is not included within the charts because it has been assumed tha TOTAL MSW AND C&I received mand and non-hazardous landfill is not included within the charts because it has been assumed tha TOTAL MSW AND C&I received mand and compositing residue sent to hazardous landfill is not included within the charts because it has been assumed tha TOTAL MSW AND C&I receivery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' total recovery by 'Non-specialist incinera	2005 ration' 0.204 0.204 0.802 0.163 0.612 inert landfill. In the or 0.2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.222 0.872 0.177 0.665 riginal mode % % % 2006 0.500 1.166 ch sub-regio	0.240 0.240 0.240 0.945 0.192 0.721 0.721 el assumptio	0.260 0.260 1.021 0.208 0.779 ns developed 2008 0.483 1.127 unted for C&L	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri	0.348 0.348 1.370 0.279 1.045 ed to go to 0	0.392 0.392 1.541 0.313 1.176 C&D recycl 0.483 1.127	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147	0.477 0.477 1.876 0.382 1.431 nan to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186	0.535 0.535 2.106 0.428 1.606 2016 0.486 1.133	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081	0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028	0.590 0.590 0.590 2.319 0.472 1.769 2019 0.418 0.975	0.609 0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936	0.595 0.595 2.339 0.476 1.784 2022 0.407 0.949	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 /A N/	0.579 0.579 2.279 0.464 1.738 2024 0.418 0.975
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 10 C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert landfill  (1) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 0.612 2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.872 0.177 0.665 riginal mode % % % % 2006 0.500 1.166 ch sub-regio 2006 N/A N 2006 0.044 0.000	0.240 0.240 0.240 0.945 0.192 0.721 ol assumptio 2007 0.491 1.147 on has accou	0.260 0.260 0.260 1.021 0.208 0.779 ns developed 0.483 1.127 unted for C&U 2008 0.052 0.052	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/ 2009 0.056	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri 2010 A N/	0.348 0.348 1.370 0.279 1.045 ed to go to 0 2011 0.474 1.107 ing material. 2011 A N//	0.392 0.392 1.541 0.313 1.176 C&D recycl 0.483 1.127 2012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147 2013 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 1.431 0.500 1.166 2014 A Ni	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186 2015 A N// 2015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 N/2 2016 0.107	0.563 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 0.111 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/	0.590 0.590 0.590 0.472 1.769 0.472 1.769 0.418 0.975 2019 0.118 0.000	2020 0.899 0.899 0.487 1.826 2020 0.395 0.923 2020 0.122 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N.	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.412 0.962	0.579 0.579 0.579 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on inert landfill' (2) C&D reused on inert landfill' (3) C&D reuse on inert landfill' (4) C&D reuse on inert landfill' (5) C&D reuse on inert landfill' (6) C&D reuse on inert landfill' (7) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed tha (7) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed tha (7) C&D reuse on landfill sites sent to 'near-dardous landfill is not included within the charts because it has been assumed tha (7) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed tha (7) C&D reuse on inert landfill' (7) C&D reuse on inert landfill' (8) C&D reuse on inert landfill' (8) C&D reuse on iner	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.872 0.177 0.665 riginal mode % % % % 2006 0.500 1.166 ch sub-regio	0.240 0.240 0.240 0.945 0.192 0.721 ol assumptio 2007 0.491 1.147 n has accou	0.260 0.260 1.021 0.208 0.779 ns developed 0.483 1.127 unted for C&E	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri 2010 A N/	0.348 0.348 1.370 0.279 1.045 eed to go to 0 2011 0.474 1.107 ing material. 2011 A N//	0.392 0.392 1.541 0.313 1.176 0.28D recycl 0.483 1.127 2012 A N	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147 2013 2013 0.087	0.477 0.477 1.876 0.382 1.431 nan to inert 2014 0.500 1.166	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186 2015 A N//	0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 N/2	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 A N/	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 A N	0.609 0.609 2.394 0.487 1.826 2020 0.395 0.923 2020 0.122	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N.	0.595 0.595 0.595 2.339 0.476 1.784 1.784 2022 0.407 0.949 2022 0.407	0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.412 0.962	0.579 0.579 0.579 0.464 1.738 2024 0.418 0.975 2024 A
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDP' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to 10 C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert landfill  (1) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 0.612 2005 0.508 1.186 t data supplied by ea	0.222 0.222 0.872 0.177 0.665 riginal mode % % % % 2006 0.500 1.166 ch sub-regio 2006 N/A N 2006 0.044 0.000	0.240 0.240 0.240 0.945 0.192 0.721 ol assumptio 2007 0.491 1.147 on has accou	0.260 0.260 0.260 1.021 0.208 0.779 ns developed 0.483 1.127 unted for C&U 2008 0.052 0.052	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/ 2009 0.056	0.306 0.306 1.204 0.245 0.918 was assum 2010 0.466 1.087 an engineeri 2010 A N/	0.348 0.348 1.370 0.279 1.045 ed to go to 0 2011 0.474 1.107 ing material. 2011 A N//	0.392 0.392 1.541 0.313 1.176 C&D recycl 0.483 1.127 2012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147 2013 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 1.431 0.500 1.166 2014 A Ni	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186 2015 A N// 2015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 N/2 2016 0.107	0.563 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 0.111 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/	0.590 0.590 0.590 0.472 1.769 0.472 1.769 0.418 0.975 2019 0.118 0.000	2020 0.899 0.899 0.487 1.826 2020 0.395 0.923 2020 0.122 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 /A N.	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.412 0.962	0.579 0.579 0.579 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that (3) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that (3) C&D reused on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that (4) C&D reused on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that (5) C&D reused on landfill sites sent to 'nazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based o	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 0.205 0.508 1.186 2005 N/A 2005 N/A 2005 0.041 0.000 0.000	0.222 0.222 0.872 0.177 0.665 riginal mode % % % % 2006 0.500 1.166 ch sub-regio 2006 0.004 0.000 0.000	0.240 0.240 0.240 0.945 0.192 0.721 0.491 1.147 0.491 1.147 0.048 0.000 0.000	2008 0.260 0.260 0.260 1.021 0.208 0.779 ns developed 0.483 1.127 2008 0.483 0.52 0.000 0.000 0.000	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/ 2009 0.056 0.000	0.306 0.306 1.204 0.245 0.918 was assum  2010 0.466 1.087 an engineeri 2010 0.061 0.000 0.000	0.348 0.348 1.370 0.279 1.045 ed to go to C 2011 0.474 1.107 2011 A N// 2011 0.070 0.000	0.392 0.392 1.541 0.313 1.176 0.28D recycl 0.483 1.127 2012 2012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 1.431 0.500 1.166 2014 A Ni 2014 0.095 0.000 0.000	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186 2015 A N/ 2015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 0.107 0.000	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 2017 0.111 0.000 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/. 2018 0.114 0.000	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 0.118 0.000 0.000	2020 0.609 0.609 0.487 1.826 2020 0.395 0.923 2020 0.122 0.000 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 0.120 0.000 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill (1) C&D reused on inert landfill  Total C&D reused on inert land non-hazardous landfill is not included within the charts because it has been assumed tha  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill sausuming all MSW and C&I recovery by Non-specialist incineration (Capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous la	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 0.005 2005 0.508 1.186 2005 N/A 2005 N/A 2005 n' 0.041	0.222 0.222 0.872 0.177 0.665 riginal mode % % % % 2006 0.500 1.166 ch sub-regio 2006 0.004 0.000 0.000	0.240 0.240 0.240 0.945 0.192 0.721 0.491 1.147 0.491 1.147 0.048 0.000 0.000	2008 0.260 0.260 0.260 1.021 0.208 0.779 ns developed 0.483 1.127 2008 0.483 0.52 0.000 0.000 0.000	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/ 2009 0.056 0.000	0.306 0.306 1.204 0.245 0.918 was assum  2010 0.466 1.087 an engineeri 2010 0.061 0.000 0.000	0.348 0.348 1.370 0.279 1.045 ed to go to C 2011 0.474 1.107 2011 A N// 2011 0.070 0.000	0.392 0.392 1.541 0.313 1.176 0.28D recycl 0.483 1.127 2012 2012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 1.431 0.500 1.166 2014 A Ni 2014 0.095 0.000 0.000	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186 2015 A N/ 2015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 0.107 0.000	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 2017 0.111 0.000 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/. 2018 0.114 0.000	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 0.118 0.000 0.000	2020 0.609 0.609 0.487 1.826 2020 0.395 0.923 2020 0.122 0.000 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 0.120 0.000 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 0.464 1.738 2024 0.418 0.975 2024 0.116 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed tha  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 2. Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recycling and composting residue sent to hazardous landfill SCENARIO 2. Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' Conservery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3. A	2005 ration' 0.204 0.802 0.163 0.612 inert landfill. In the or 0.005 2005 0.508 1.186 2005 N/A 2005 N/A 2005 n' 0.041	0.222 0.222 0.872 0.177 0.665 riginal mode % % % % 2006 0.500 1.166 ch sub-regio 2006 0.004 0.000 0.000	0.240 0.240 0.240 0.945 0.192 0.721 0.491 1.147 0.491 1.147 0.048 0.000 0.000	2008 0.260 0.260 0.260 1.021 0.208 0.779 ns developed 0.483 1.127 2008 0.483 0.52 0.000 0.000 0.000	0.281 0.281 1.104 0.224 0.842 d MEL 50% 2009 0.474 1.107 D reuse as a 2009 A N/ 2009 0.056 0.000	0.306 0.306 1.204 0.245 0.918 was assum  2010 0.466 1.087 an engineeri 2010 0.061 0.000 0.000	0.348 0.348 1.370 0.279 1.045 ed to go to C 2011 0.474 1.107 2011 A N// 2011 0.070 0.000	0.392 0.392 1.541 0.313 1.176 0.28D recycl 0.483 1.127 2012 2012 0.078 0.000	0.437 0.437 1.718 0.349 1.310 ing, rather th 2013 0.491 1.147 2013 0.087 0.000	0.477 0.477 1.876 0.382 1.431 1.431 0.500 1.166 2014 A Ni 2014 0.095 0.000 0.000	0.518 0.518 2.037 0.414 1.554 landfi 2015 0.508 1.186 2015 A N/ 2015 0.104 0.000	0.535 0.535 0.535 2.106 0.428 1.606 1.606 2016 0.486 1.133 2016 0.107 0.000	0.553 0.553 2.176 0.442 1.659 2017 0.463 1.081 2017 2017 0.111 0.000 0.000	0.571 0.571 0.571 2.247 0.457 1.714 2018 0.441 1.028 2018 A N/. 2018 0.114 0.000	0.590 0.590 0.590 0.472 1.769 0.418 0.975 2019 0.118 0.000 0.000	2020 0.609 0.609 0.487 1.826 2020 0.395 0.923 2020 0.122 0.000 0.000	0.602 0.602 2.367 0.481 1.806 2021 0.401 0.936 2021 0.120 0.000 0.000	0.595 0.595 0.595 0.476 1.784 1.784 2022 0.407 0.949 2022 0.119 0.000 0.000	0.587 0.587 0.587 2.310 0.470 1.762 2023 0.412 0.962 2023 0.117 0.000 0.000	0.579 0.579 0.579 0.464 1.738 2024 0.418 0.975 2024 A 0.116 0.000

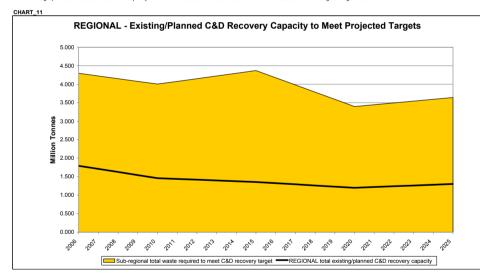


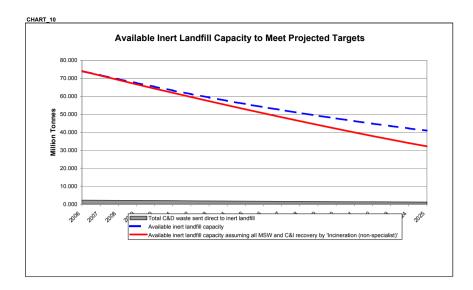






NOTE: The graph assumes that the baseline capacity for non-hazardous landfill has accounted for C&D reuse as a landfill engineering material.





#### SUMMARY DATA AND RESULTS FOR BERKSHIRE

See the section of the sear of agent interferent wilds and seed of agent interferent wilds are seed of agent interferent wilds and seed of agent interferent wilds are seed of	ANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Part	SW																				0.662
Part	sw - imports from london that are sent direct to non-hazardous landfill			0.054		0.051								0.033	0.031		0.028	0.028	0.027	0.027	0.026
See 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	d																				1.071
Series (1988) (1	tl - imports from london that are sent direct to non-hazardous landfill																				
Part	No.																				
The stands from man case and engagement of 19 stands of 1			0.000	0.040	0.041	0.042	0.043	0.044	0.043	0.040	0.047	0.040	0.040	0.043	0.000	0.001	0.031	0.032	0.032	0.000	0.000
Part																					2024
Part																					
Part																					
Part																					0.104
Part				0.354	0.379					0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686
Part	Recovery target																				0.208
Property brigger 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																					0.178
Part																					
Column   C																					0.533
Super-plane of the proper plane of the proper																					0.053
Part	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	model assumes	that this ex	xtra waste i	is recycled/o	composted	and recover	ed at the sa	me ratio as	the regiona	I targets for	recycling/co	omposting a	nd recover	y for that ye	ar.					
Part	VISTING/DI ANNED CADACITY FOR RECYCLING RECOVERY AND LANDEILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSE	SAL POLITE (A	Million Ton	inge)																	
The content proposed property or passed of the content property of the content	ISTINON EARNED ON AGIT FOR REGISEING, REGOVERT AND EARD RELING AND TOTAL WAGE TOWNSES TO EAGIT DIG OF	OAL ROOTE (II			2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Part	SW and C&I recovery																				
We self Many language and comproportion of the property of the																					0.300
The entirepylement before the part of the entirepylement before the part of the entire pylement before			0.158	0.146	0.134	0.121	0.107	0.082	0.055	0.025	-0.001	-0.030	-0.042	-0.054	-0.066	-0.078	-0.091	-0.087	-0.082	-0.077	-0.072
The consequence following of Controlley Cont			0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
Separate Ministrage (1994) President 2004 of trained copyolary deviews expertly of the separate (1994) President 2004 of trained 2004 of train																					0.682
Total scienting planners (2A) recovering capacity and assistant assistant and assistan			0.338		0.261				0.111					-0.052							-0.257
The entarphysimment CAD recovery capsculy and control	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.201	0.163	0.123	0.082	0.039	0.007	-0.027	-0.066	-0.097	-0.133	-0.161	-0.189	-0.219	-0.248	-0.279	-0.307	-0.336	-0.365	-0.394
Progression of the progression o																					
RECOVAM table audisplainment CAD recovery capacity  1.794 1.710 1.857 1.54 1.40 1.459 1.419 1.40 1.419 1.419 1.50 1.257 1.356 1.350 1.250 1.251 1.350 1.250 1.251 1.350 1.250 1.251 1.350 1.252 1.251 1.251 1.252 1.251																					
Processing   Pro			-0.700	-0.604	-0.022	-0.040	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.094	-0.930	-0.900	-1.002	-1.030	-1.036	-1.036	-1.036	-1.036
Supplies of Companies of Compan			1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
Part	Surplus/deficit capacity		1.156	1.083		0.938	0.866	0.834	0.802	0.771		0.707					0.695		0.722	0.736	0.750
Supplicational concessory cancelly assume present present parts and supplicational concessory cancelly and supplicational concessors ca																					
Total entirophemic hazardous unable recovery capacity  10 00 0 000 0 000 0 000 0 000 0 000 0 000 0																					0.000
Table descriptionemed Passardous waster recovery capacity (mock displayed)  NN N NN			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
**************************************			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Available non-hazarous sundfill capacity (securing miss surgery) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and CAI recovery) in presentation (non-specialisty) (apacity sussming all MSW and C																					N/A
Available non-hazarous landfill capacity assuming all MSV and Clif recovery by ToFT	n-hazardous landfill																				
Available non-hazarous landfil capacity sassuming all MSW and Cold recovery by TBPT 0.055 0.989 1.810 2.787 3.890 4.805 5.930 4.807 7.70 7.808 4.807 0.270 7.808 4.807 0.201 0.101 1.171 1.122 4.9 1.115 1.122 1.120 1.1																					-13.472
Available non-hazardous landfill capachly assuming all MSW and CAI recovery by Proteinment*  0.055 0.89 0.189 0.787 0.378 0.474 5.499 0.4274 7.070 7.89 0.489 0.576 0.300 1.01.01 1.0715 1.14.03 1.270 1.1205 1.1301 1.500 1.1500																					
Available non-hazardous larefill capacity assuming all MSW and CAI recovery by Treatment (																					
Available inert landfill capacity																					
Available inert landfit capacity assuring all MSW and C&I recovery by 'incineration (non-specialisty')  Available hazardous landfill capacity Not: The model does not contain data for the management of hazardous waste.  **TA. 91** ARISHNOS AND CROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)**  **TA. 91** ARISHNOS AND CROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)**  **TA. 91** ARISHNOS AND CROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)**  **A contract regional level growth rate of MSW - per year (%)  **TO processes regional level growth rate of MSW - per year (%)  **TO processes regional level growth rate of MSW using regional growth recesses sub-regional level growth rate of MSW - per year (%)  **Define the management of the management of the management of the management of MSW - per year (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth red of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of MSW using regional growth recesses wherepoins a level growth rate of MSW - convolution (%)  **TO bla arising of CAS using a level growth rate of MSW - convolution (%)  **			0.000	0.010	1.000	2.010	0.000	1.010	0.700	0.702	1.000	0.100	0.000	10.110	10.010	11.702	12.000	10.110		10.000	10.002
Available hazardous landfill capacity  Available hazardous landfill capacity  Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.  ***Page 14 Styl**** The model does not contain data for the management of hazardous waste.  ***Page 14 Styl************************************			0.181				-1.116		-1.717					-3.036							-4.549
Available hazardous landfill capacity Note: The model does not combain data for the management of hazardous waste.  ITAL 01: ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2023 2024 Arisings of MSW in baseline year  (In Forecast regional level growth rate of MSW - per year (%) (Forecast sub-regional growth rate of CAI - per year (%) (Forecast sub-regional growth rate of CAI - per year (%) (Forecast sub-regional growth rate of CAI - per year (%) (Forecast sub-regional growth rate of CAI - per year (%) (Forecast sub-regional growth rate of CAI - per year (%) (Forecast sub-regional growth rate of CAI - per year (%) (Forecast sub-regional growth rate of CAI - per			0.181	-0.175	-0.526	-0.871	-1.212	-1.547	-1.875	-2.196	-2.511	-2.820	-3.121	-3.418	-3.708	-3.994	-4.274	-4.549	-4.816	-5.075	-5.326
Note: The model does not contain data for the management of hazardous waste.    TA. 91: ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)   2006   2007   2008   2009   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019   2020   2021   2022   2022   2022   2022   2022   2022   2022   2022   2023   2024   2025			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Arisings AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  205 206 207 208 209 201 201 201 201 201 201 201 201 201 201			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Arisings of MSW in baseline year (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast sub-regional growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of MSW - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast regional level growth rate of C&I - per year (%) (it Forecast sub-regional level growth rate of C&I - per year (%) (it Forecast sub-regional level growth rate of C&I - per year (%) (it Forecast sub-regional level growth rate of C&I - per year (%) (it Forecast sub-regional level growth rate of C&I - per year (%) (it Forecast sub-regional level growth rate of C&I - per year (%) (it Forecast sub-regional l	•																				
(i) Forecast regional level growth rate of MSW - per year (%) (ii) Forecast regional level growth rate of MSW - per year (%) (iii) Forecast sub-regional growth forecasts (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast sub-regional growth rate of MSW - per year (%) (iii) Forecast regional level growth rate of CAI - per year (%) (iii) Forecast regional level growth rate of CAI - per year (%) (iii) Forecast regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii) Forecast sub-regional level growth rate of CAI - per year (%) (iii)		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
(1) Forecast regional level growth rate of ASIV - cumulative (%)  109% 111% 114% 117% 120% 125% 127% 127% 130% 133% 135% 137% 139% 141% 143% 145% 147% 149% 165% 150 150 150 150 150 150 150 150 150 150		3.0%	2 5%	2.5%	2.5%	2 5%	2.5%	2.0%	2.0%	2 0%	2.0%	2.0%	1 5%	1 5%	1 5%	1 5%	1 5%	1 5%	1 5%	1 5%	1.5%
Total arisings of MSW using regional growth forecasts sub-regional level growth rate of MSW - per year (%)  (1) Forecast sub-regional level growth rate of MSW - per year (%)  (1) Forecast sub-regional level growth rate of MSW - per year (%)  (2) 82 0% 20% 20% 20% 20% 20% 20% 20% 20% 20%																					152%
(i) Forecast sub-regional level growth rate of MSW - per year (%) (ii) Forecast sub-regional level growth rate of MSW - per year (%) (iii) Forecast sub-regional level growth rate of MSW - per year (%) (iii) Forecast sub-regional level growth rate of C81 - per year (%) (iii) Forecast regional level growth rate of C81 - per year (%) (iii) Forecast regional level growth rate of C81 - per year (%) (iii) Forecast regional level growth rate of C81 - per year (%) (iii) Forecast regional level growth rate of C81 - per year (%) (iii) Forecast regional level growth rate of C81 - per year (%) (iiii) Forecast regional level growth rate of C81 - per year (%) (iiii) Forecast regional level growth rate of C81 - per year (%) (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Total arisings of MSW using regional growth forecasts	0.464	0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579			0.606	0.615	0.624		0.643		0.662
Total arisings of C&I in baseline year  (i) Forecast regional level growth rate of C&I - per year (%)  (ii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iii) Forecast sub-regional level growth rate of C&I - per year (%)  (iiii) Forecast sub-regional level growth rate of C&I - per year (%)  (iiii) Forecast sub-regional level growth rate of C&I - per year (%)  (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	(1) Forecast sub-regional growth rate of MSW - per year (%)	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
Arisings of C&I in baseline year (i) Forecast regional level growth rate of C&I - per year (%) (i) Forecast regional level growth rate of C&I - cumulative (%) (ii) Forecast regional level growth rate of C&I - cumulative (%) (iii) Forecast regional level growth rate of C&I - cumulative (%) (iii) Forecast regional level growth rate of C&I - cumulative (%) (iii) Forecast sub-regional level growth rate of C&I - cumulative (%) (iii) Forecast sub-regional level growth rate of C&I - cumulative (%) (iii) Forecast sub-regional level growth rate of C&I - cumulative (%) (iii) Forecast sub-regional level growth rate of C&I - cumulative (%) (iii) Forecast sub-regional level growth rate of C&I - per year (%) (iii) Forecast sub-regional level growth rate of C&I - per year (%) (iii) Forecast sub-regional level growth rate of C&I - cumulative (%) (iii) Forecast sub-regional level growth rate of C&I - per year (%) (iii) Forecast sub-regional growth forecasts (iii) Forecast regional level growth rate of hazardous waste - per year (%) (iii) Forecast regional level growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional level growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional level growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional level growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional level growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional level growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional level growth rate of hazardous waste - per year (%) (iii) For																					
(i) Forecast regional level growth rate of C&I - per year (%) (i) Forecast regional level growth rate of C&I - cumulative (%) (ii) Forecast regional growth rate of C&I - cumulative (%) (iii) Forecast regional growth rate of C&I - cumulative (%) (iii) Forecast sub-regional growth rate of C&I - cumulative (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of C&I - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast sub-regional growth rate of hazardous waste - per year (%) (iii) Forecast su		0.455	0.464	0.473	0.482	0.492	0.502	0.512	0.522	0.533	0.543	0.554	0.563	0.571	0.580	0.588	0.597	0.606	0.615	0.624	0.634
(1) Forecast regional level growth rate of C&I - cumulative (%) 117% 120% 123% 126% 130% 138% 138% 138% 138% 138% 144% 147% 144% 147% 149% 1513% 158% 158% 160% 1513% 153% 154% 150 Forecast sub-regional level growth rate of C&I - cumulative (%) 117% 120% 123% 126% 2.5% 2.5% 2.5% 2.5% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5		3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
Total arisings of C&II using regional growth forecasts to -regional level growth rate of C&II - per year (%) (1) Forecast sub-regional level growth rate of C&II - per year (%) (2) Forecast sub-regional level growth rate of C&II - per year (%) (3) 58 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5%																					164%
(Forecast sub-regional level growth rate of C&I - cumulative (%) (17% 120% 123% 126% 130% 138% 138% 138% 141% 144% 147% 147% 149% 151% 153% 156% 158% 160% 161% 163% 1647 1051 1078 1078 1078 1078 1078 1078 1078 107		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071
Total arisings of C&l using sub-regional growth forecasts  7 Total arisings of C&l using sub-regional growth forecasts  8 Total arisings of C&l using sub-regional growth forecasts  9 Total arisings of C&l using sub-regional growth forecasts  10 Forecast regional level growth rate of hazardous waste in baseline year  10 Forecast regional level growth rate of hazardous waste - per year (%)  10 Total arisings of hazardous waste  10 Total arisings of	(1) Forecast sub-regional level growth rate of C&I - per year (%)																				1.0%
Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) (3) 8 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5% 2.5%	(1) Forecast sub-regional level growth rate of C&I - cumulative (%)																				164%
(2) Forecast regional level growth rate of hazardous waste - per year (%)  3.3% 2.5% 2.5% 2.5% 2.5% 2.9% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.0% 1.0% 1.0% 1.0% 1.09% 1.09% 1.00%		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071
Forecast regional level growth rate of hazardous waste - cumulative (%) 107% 109% 112% 115% 118% 123% 123% 123% 123% 133% 133% 133% 133	9	3 3%	2 5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1 5%	1.5%	1.5%	1 50/	1.50/	1.00/	1.00/	1.0%	1.00/
Total arisings of hazardous waste 0.038 0.039 0.040 0.041 0.042 0.043 0.046 0.045 0.046 0.047 0.048 0.049 0.050 0.051 0.051 0.052 0.053 0.05 0.05 0.051 0.052 0.053 0.05 0.055																					1.0%
(2) Forecast sub-regional level growth rate of hazardous waste - per year (%)  3.3% 2.5% 2.5% 2.5% 2.5% 2.0% 2.0% 2.0% 2.0% 2.0% 2.0% 1.5% 1.5% 1.5% 1.5% 1.5% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0																					0.053
Forecast sub regional level growth rate of hazardous waste - cumulative (%)  107% 109% 112% 115% 118% 123% 123% 128% 131% 133% 135% 137% 139% 141% 144% 145% 145% 148% 149% 149% 145% 148% 149% 148% 149% 145% 148% 149% 148% 148% 149% 148% 148% 149% 148% 148% 149% 148% 148% 149% 148% 148% 149% 148% 148% 148% 148% 149% 148% 148% 148% 148% 148% 148% 148% 148															1.5%			1.0%	1.0%		1.0%
Total managed C&D in baseline year (s) Forecast regional-level growth rate of managed C&D - per year (%)  100% 100% 100% 100% 100% 100% 100% 100	Forecast sub regional level growth rate of hazardous waste - cumulative (%)																				149%
(3) Forecast regional-level growth rate of managed C&D - per year (%)  0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0		0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053
Forecast regional-level growth rate of managed C&D - cumulative (%) 100% 100% 100% 100% 100% 100% 100% 10	Total managed odd in baseline year	0.0%	0.00/	0.0%	0.09/	0.09/	0.09/	0.0%	0.0%	0.00/	0.0%	0.0%	0.0%	0.09/	0.09/	0.08/	0.00/	0.00/	0.00/	0.09/	0.08/
																					100%
																					1.801

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

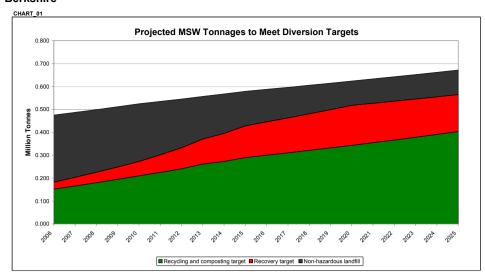
Figures in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

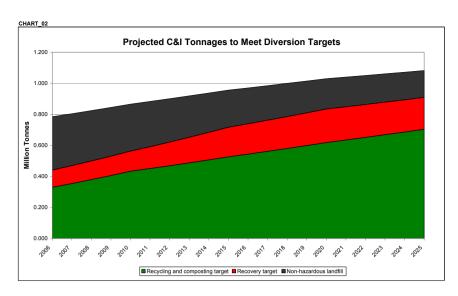
DATA_02: If	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%	8.5%
(1	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.150	0.146	0.142	0.138	0.135	0.131	0.124	0.116	0.109	0.102	0.094	0.090	0.087	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.066
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%	38%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.056	0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.056	0.054	0.053	0.051	0.050	0.048	0.045	0.043	0.040	0.037	0.035	0.033	0.032	0.030	0.029	0.027	0.027	0.026	0.026	0.025	0.025
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%	62%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.093	0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.094	0.092	0.089	0.087	0.085	0.083	0.078	0.074	0.069	0.064	0.060	0.057	0.055	0.052	0.050	0.047	0.046	0.045	0.044	0.043	0.042

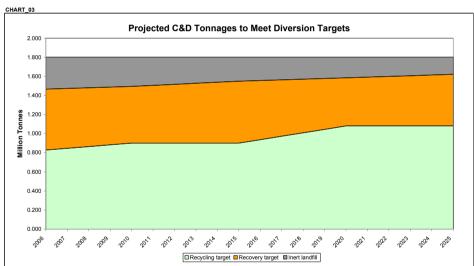
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

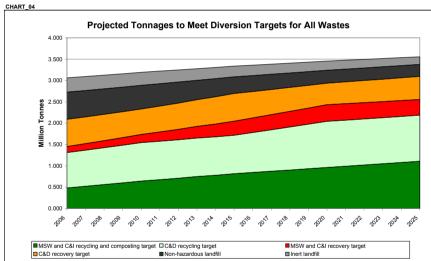
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.464	0.475	0.487	0.499	0.512	0.525	0.535	0.546	0.557	0.568	0.579	0.588	0.597	0.606	0.615	0.624	0.633	0.643	0.652	0.662	0.672
msw - impo	ts from london that are sent direct to non-hazardous landfill	0.056	0.055	0.054	0.052	0.051	0.049	0.047	0.044	0.041	0.038	0.036	0.034	0.033	0.031	0.030	0.028	0.028	0.027	0.027	0.026	0.025
c&i		0.765	0.784	0.804	0.824	0.844	0.865	0.883	0.900	0.918	0.937	0.956	0.970	0.984	0.999	1.014	1.029	1.040	1.050	1.061	1.071	1.082
c&I - import	from london that are sent direct to non-hazardous landfill	0.093	0.091	0.088	0.086	0.084	0.082	0.077	0.072	0.068	0.063	0.059	0.056	0.054	0.051	0.049	0.047	0.045	0.044	0.043	0.042	0.041
c&d		1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801	1.801
hazardous		0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
DATA_04:	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	1) landfill (Mt)	0.281	0.271	0.257	0.238	0.215	0.186	0.165	0.145	0.124	0.119	0.113	0.108	0.103	0.097	0.092	0.087	0.087	0.087	0.087	0.087	0.087
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
	-,																					
DATA_05:	VASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

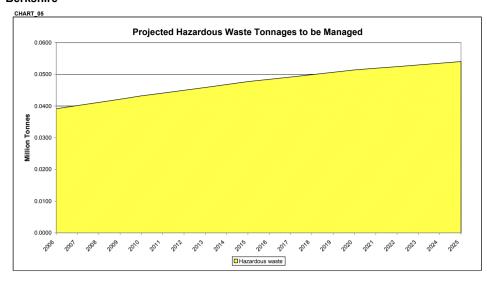
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	NASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.162	0.182	0.204	0.226	0.249	0.273	0.302	0.332	0.363	0.395	0.429	0.446	0.463	0.481	0.499	0.518	0.527	0.536	0.545	0.555	0.565
	Total MSW not-diverted by targets	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.214	0.194	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	Percentage of MSW that is biodegradable (% by weight) Total BMW not-diverted by targets	68 0.205	68	68	68	68 0.179	68 0.171	68 0.159	68 0.145	68 0.132	68 0.117	68	68	68	68	68	68	68	68 0.073	68 0.073	68	68 0.073
	LATS shortfall (how much extra is landfilled above LATS target)	-0.076	0.199 -0.072	0.193 -0.064	0.186 -0.052	-0.036	-0.015	-0.007	0.145	0.132	-0.001	0.102 -0.011	0.097 -0.011	0.091 -0.012	0.085 -0.013	0.079 -0.014	0.072 -0.015	0.072 -0.014	-0.014	-0.014	0.073 -0.014	-0.014
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
	The Section below in DATA_03 shows the tormages by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.139	0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
	Recovery target	0.023	0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
	Non-hazardous landfill	0.301	0.293	0.283	0.274	0.263	0.252	0.233	0.213	0.186	0.173	0.151	0.142	0.134	0.125	0.116	0.106	0.106	0.107	0.107	0.107	0.108
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i	Recycling and composting target	2005 0.306	2006 0.329	2007 0.354	2008 0.379	2009 0.405	2010 0.433	2011 0.450	2012 0.468	2013 0.487	2014 0.506	2015 0.526	2016 0.543	2017 0.561	2018 0.580	2019 0.598	2020 0.618	2021 0.634	2022 0.651	2023 0.668	2024 0.686	0.703
Coxi	Recovery target	0.306	0.329	0.354	0.379	0.405	0.433	0.450	0.466	0.467	0.506	0.526	0.543	0.201	0.206	0.596	0.016	0.034	0.051	0.000	0.000	0.703
	Non-hazardous landfill	0.352	0.343	0.334	0.325	0.314	0.303	0.291	0.133	0.266	0.253	0.239	0.130	0.222	0.214	0.205	0.196	0.191	0.187	0.182	0.178	0.173
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
	Recovery target Inert landfill	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616 0.285	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
	CHECK COUNTER (should be zero)	0.342	0.335	0.328	0.321	0.313	0.306	0.295	0.265	0.274	0.263	0.252	0.245	0.238	0.231	0.223	0.216	0.209	0.202	0.195 0.000	0.187	0.180
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048	0.049	0.050	0.051	0.051	0.052	0.052	0.053	0.053	0.054
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.445	0.481	0.519	0.559	0.600	0.643	0.675	0.709	0.748	0.778	0.815	0.843	0.871	0.901	0.930	0.961	0.989	1.017	1.047	1.076	1.107
	C&D recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
	MSW and C&I recovery target	0.130	0.142	0.154	0.166	0.179	0.193	0.218	0.245	0.274	0.301	0.330	0.342	0.354	0.366	0.378	0.391	0.386	0.382	0.377	0.372	0.367
	C&D recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
	Non-hazardous landfill Inert landfill	0.653 0.342	0.636 0.335	0.618 0.328	0.598 0.321	0.577 0.313	0.555 0.306	0.525 0.295	0.492 0.285	0.452 0.274	0.426 0.263	0.389 0.252	0.373 0.245	0.356 0.238	0.339 0.231	0.320 0.223	0.302 0.216	0.298 0.209	0.294	0.289 0.195	0.285 0.187	0.281 0.180
	Hazardous waste	0.038	0.039	0.040	0.041	0.042	0.043	0.295	0.265	0.274	0.263	0.252	0.245	0.236	0.231	0.223	0.216	0.209	0.202	0.195	0.167	0.160
	Hazardous waste	0.036	0.008	0.040	0.041	0.042	0.043	0.044	0.040	0.040	0.047	0.040	0.040	0.048	0.000	0.001	0.001	0.002	0.002	0.000	0.000	0.004











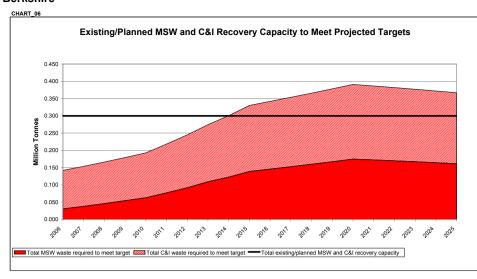
#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

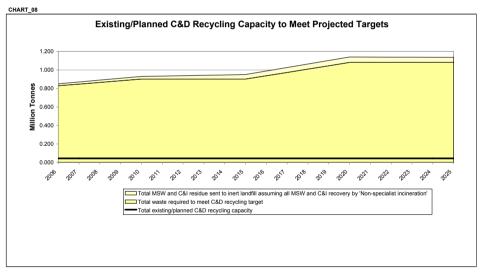
Marcial Inconvery    Marcial Inconversion    Marcial	W. EXISTING! EXISTED ON ASTITION RESTOLING, RESOURCE AND EXIST ILLING AND TOTAL WASTE TOWNS AND TO	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Marie Cal Parallement   1930   1940	MSW and C&I recovery	2000	2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2017	2010	2010	LULU	LULI	LULL	LULU	LULI	
Marie Cal Parallement   1930   1940	MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Column temperate to meet target		0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
Column   C	Total existing/planned MSW and C&I recovery capacity	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
Second	Total MSW waste required to meet target	0.023	0.030	0.038	0.046	0.054	0.063	0.077	0.092	0.109	0.123	0.139	0.146	0.153	0.160	0.167	0.175	0.172	0.170	0.167	0.164	0.161
May and Cat regular and companing co	Total C&I waste required to meet target	0.107	0.111	0.116	0.120	0.125	0.130	0.141	0.153	0.165	0.178	0.191	0.196	0.201	0.206	0.211	0.216	0.214	0.212	0.210	0.208	0.206
May and Cal recycling   May and Cal recovery (passed)   May and Cal	Surplus/deficit capacity	0.170	0.158	0.146	0.134	0.121	0.107	0.082	0.055	0.025	-0.001	-0.030	-0.042	-0.054	-0.066	-0.078	-0.091	-0.087	-0.082	-0.077	-0.072	-0.067
More Cola Insuffice	MSW and C&I recycling and composting																					
Part	MSW and C&I recycling	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601	0.601
Total existing plasmers (MSW) and Cale recogning and composing capachy (glensheriz CNF) of transfer capachy delivers recogning (1)	MSW and C&I transfer	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918
Part	Total existing/planned MSW and C&I composting capacity	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Total KSW waste required to meet encycling and composing largest  0.139 0.152 0.166 0.180 0.194 0.210 0.225 0.241 0.261 0.275 0.260 0.200 0.210 0.221 0.322 0.343 0.355 0.300 0.378 0.371 0.325 0.340 0.355 0.300 0.370 0.221 0.322 0.341 0.365 0.360 0.370 0.375 0.330 0.370 0.375 0.330 0.370 0.375 0.330 0.370 0.375	(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820
Column   C	(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682
Surphase/deficit capsophly (Sensinier) X of Transmer capsophly (Se	Total MSW waste required to meet recycling and composting target	0.139	0.152	0.166	0.180	0.194	0.210	0.225	0.241	0.261	0.273	0.290	0.300	0.310	0.321	0.332	0.343	0.355	0.366	0.378	0.391	0.403
Supplicidated capacity   Supplicidated capac	Total C&I waste required to meet recycling and composting target	0.306	0.329	0.354	0.379	0.405	0.433	0.450	0.468	0.487	0.506	0.526	0.543	0.561	0.580	0.598	0.618	0.634	0.651	0.668	0.686	0.703
Concepting — 1. Processing capacity — 1. Proce	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.375	0.338	0.300	0.261	0.220	0.177	0.145	0.111	0.071	0.041	0.005	-0.023	-0.052	-0.081	-0.111	-0.141	-0.169	-0.198	-0.227	-0.257	-0.287
Concession   Con	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.237	0.201	0.163	0.123	0.082	0.039	0.007	-0.027	-0.066	-0.097	-0.133	-0.161	-0.189	-0.219	-0.248	-0.279	-0.307	-0.336	-0.365	-0.394	-0.425
Surplised field passes of experience of meric CAD recovery capacity and the content of passes of the content of the conte	C&D recycling																					
Surplusdeficit capacity   1,88   0,78   0,78   0,78   0,78   0,88   0,	(3) Total existing/planned C&D recycling capacity	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043
Case recovery   Case	Total waste required to meet C&D recycling target	0.811	0.829	0.847	0.865	0.883	0.901	0.901	0.901	0.901	0.901	0.901	0.937	0.973	1.009	1.045	1.081	1.081	1.081	1.081	1.081	1.081
FECIONAL total existing/planned C&D recovery capacity   1.877   1.794   1.710   1.627   1.544   1.480   1.439   1.477   1.356   1.252   1.231   1.199   1.220   1.241   1.262   1.283   1.394   Sub-regional total waster required to meet C&D recovery target   0.684   0.682   0.681   0.687   0.683   0.649   0.622   0.683   0.649   0.620   0.600   0.6	Surplus/deficit capacity	-0.768	-0.786	-0.804	-0.822	-0.840	-0.858	-0.858	-0.858	-0.858	-0.858	-0.858	-0.894	-0.930	-0.966	-1.002	-1.038	-1.038	-1.038	-1.038	-1.038	-1.038
Sub-regional total waste required to meet C&D recovery target   1.628   1.638   0.649   0.658   0.679   0.584   0.650   0.684   0.627   0.638   0.649   0.620   0.591   0.522   0.533   0.544   0.572   0.793   0.795   0.79	C&D recovery																					
Supplication of Capacity   1.29   1.16   1.08   1.01   0.38   0.80   0.34   0.80   0.77   0.79   0.70   0.70   0.70   0.70   0.89   0.79   0.79   0.75   0	REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Hazardous waste recycling capacity   100	Sub-regional total waste required to meet C&D recovery target	0.649	0.638	0.627	0.616	0.605	0.594	0.605	0.616	0.627	0.638	0.649	0.620	0.591	0.562	0.533	0.504	0.512	0.519	0.526	0.533	0.540
Hazardous waste recycling capacity   Hazardous waste recycling capacity   Total existing polipament bazardous waste recycling capacity   N/A	Surplus/deficit capacity	1.229	1.156	1.083	1.011	0.938	0.866	0.834	0.802	0.771	0.739	0.707	0.705	0.702	0.700	0.697	0.695	0.709	0.722	0.736	0.750	0.763
Total hazardous waste recovery    NA   NA   NA   NA   NA   NA   NA   N																						
Total axisardious waste recovery:    Na	Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Hazardous waste recovery capacity  Total existing/planned bazardous waste recovery capacity  Total parameters of the property		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Total existing/planned hazardous waste recovery capacity  10 0.000	Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Total hazardous waste to be recovered  NA N	Hazardous waste recovery																					
Total hazardous waste to be recovered  NA N	Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery by florineration (non-specialisty)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by florineration (non-specialisty)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MST  0.055 -0.903 -1.804 -2.781 -3.608 -4.955 -5.256 -4.71 -6.313 -7.117 -7.897 -8.642 -9.377 -10.101 -10.681 -11.505 -12.222 -12.848 -13.472 -14.995 -14.249 -14.24		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialisty")  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT*  O.055	Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A												
Available non-hazardous landfill capacity assuming all MSW and CAI recovery by MBT*  Available non-hazardous saming all MSW and CAI recovery by MBT*  Available non-hazardous landfill capacity assuming all MSW and CAI recovery by MBT*  Available non-hazardous landfill capacity assuming all MSW and CAI recovery by MBT*  Available non-hazardous landfill capacity assuming all MSW and CAI recovery by MBT*  Available non-hazardous landfill capacity assuming all MSW and CAI recovery by WBT*  Available non-hazardous landfill capacity assuming all MSW and CAI recovery by WBT*  Available non-hazardous landfill capacity assuming all MSW and CAI recovery by Wathream (and the property of th	Non-hazardous landfill																					
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT*  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by TRDF*  O.055	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.055	-0.882	-1.805	-2.711	-3.601	-4.473	-5.313	-6.118	-6.882	-7.616	-8.312	-8.996	-9.666	-10.323	-10.967	-11.595	-12.222	-12.848	-13.472	-14.095
Available non-hazardous landfill capacity assuming all MSW and C&l recovery by ToPF  Available non-hazardous saudfill capacity sassuming all MSW and C&l recovery by treatment'  0.055	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.055	-0.903	-1.849	-2.781	-3.698	-4.599	-5.471	-6.313	-7.117	-7.897	-8.642	-9.377	-10.101	-10.813	-11.513	-12.200	-12.885	-13.568	-14.249	-14.927
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.055	-0.966	-1.979	-2.984	-3.980	-4.965	-5.934	-6.883	-7.809	-8.720	-9.611	-10.496	-11.376	-12.249	-13.115	-13.974	-14.829	-15.680	-16.527	-17.369
Total MSW and C& Waste sent direct to non-hazardous landfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.055	-0.899	-1.840	-2.767	-3.678	-4.574	-5.439	-6.274	-7.070	-7.840	-8.576	-9.301	-10.014	-10.715	-11.403	-12.079	-12.753	-13.424	-14.094	-14.761
Interlandfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.055	-0.946	-1.938	-2.919	-3.890	-4.849	-5.786	-6.702	-7.589	-8.458	-9.303	-10.140	-10.970	-11.792	-12.605	-13.410	-14.211	-15.008	-15.802	-16.592
Available inert landfill capacity Availa	Total MSW and C&I waste sent direct to non-hazardous landfill		0.636	0.618	0.598	0.577	0.555	0.525	0.492	0.452	0.426	0.389	0.373	0.356	0.339	0.320	0.302	0.298	0.294	0.289	0.285	0.281
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty')    0.181   0.175   0.526   0.871   1.212   1.547   1.875   2.196   2.511   2.820   3.121   3.418   3.708   3.994   4.274   4.549   4.816   5.075   5.326   5.559     70al C&D waste sent direct to inert landfill   Available hazardous landfill capacity   Available	Inert landfill																					
Total C&D waste sent direct to inert landfill    Hazardous landfill	Available inert landfill capacity		0.181	-0.154	-0.481	-0.802	-1.116	-1.422	-1.717	-2.002	-2.276	-2.539	-2.791	-3.036	-3.274	-3.504	-3.728	-3.944	-4.153	-4.355	-4.549	-4.737
Hazardous landfill Available hazardous landfill capacity  Available hazardous landfill capacity  N/A	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.181	-0.175	-0.526	-0.871	-1.212	-1.547	-1.875	-2.196	-2.511	-2.820	-3.121	-3.418	-3.708	-3.994	-4.274	-4.549	-4.816	-5.075	-5.326	-5.569
Available hazardous landfill capacity  Available hazardous landfill capacity  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Total C&D waste sent direct to inert landfill	0.342	0.335	0.328	0.321	0.313	0.306	0.295	0.285	0.274	0.263	0.252	0.245	0.238	0.231	0.223	0.216	0.209	0.202	0.195	0.187	0.180
Total hazardous waste sent direct to hazardous landfill  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N	Hazardous landfill																					
Other         0.182 <th< td=""><td>Available hazardous landfill capacity</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td><td>0.000</td></th<>	Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Metal/EU/ facility 0.182	Total hazardous waste sent direct to hazardous landfill	N	I/A N	I/A N	/A N	/A N	/A N	/A N	I/A N	/A N	VA N	/A N	I/A N	/A N	/A N	I/A N	/A N	/A N	I/A N	I/A N	/A N	Α
Ignored 1.525 1.52	Other																					
	Metal/ELV facility	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182
Closed 0.160	Ignored	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525	1.525
	Closed	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160

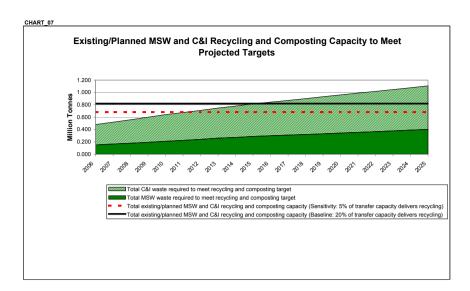
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity

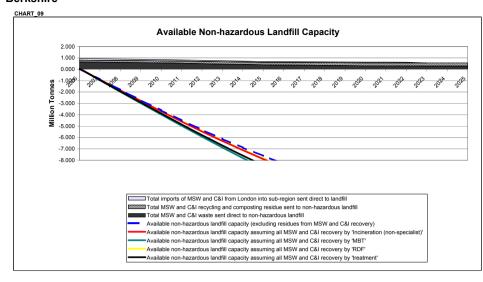
<sup>(1)</sup> EXM has assumed that \$5' or the dual translet capacity will believe recycling capacity (2) EXM has assumed that \$5' or the total translet capacity will deliver recycling capacity (3) EXM has assumed that \$5' or the total translet capacity will deliver recycling capacity (3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by EXM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

	SIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	5	59	59	59	59	59	59	59	59	59
	MSW and C&I to MBT	12	59 12	12	12	59 12	59 12	12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	12	12	12	12	59 12	59 12
	MSW and C&I to RDF  MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
		45 5	45	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45	45 5	45 5	45 5	45 5
	MSW and C&I treatment - hazardous Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Recycling residues (% by weight)	15	45	45	45	45	45	45	45	45	45	45	15	45	45	45	45	45	45	45	45
	MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2)	MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Other																				
	Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Note: The associate model developed by COM for this study does not include the associate and in the (Others) associated in the (Others)						-t MOW CO	1 4 C 0 D	There date	:											
	Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calc																				
	TAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Recovery residues (of waste managed):																				
	MSW and C&I incineration (non-specialist) - bottom ash	0.039	0.043	0.046	0.050	0.054	0.058	0.065	0.073	0.082	0.090	0.099	0.103	0.106	0.110	0.113	0.117	0.116	0.115	0.113	0.112
	MSW and C&I incineration (non-specialist) - fly ash	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.007	0.008	0.009	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.011	0.011	0.011
	MSW and C&I to MBT	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	0.231	0.228	0.225	0.222	0.220
	MSW and C&I to RDF	0.016	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
	MSW and C&I treatment - non-hazardous	0.059	0.064	0.069	0.075	0.081	0.087	0.098	0.110	0.124	0.135	0.149	0.154	0.159	0.165	0.170	0.176	0.174	0.172	0.170	0.167
	MSW and C&I treatment - hazardous	0.007	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.017	0.018	0.018	0.019	0.020	0.019	0.019	0.019	0.019
	Hazardous waste recovery			I/A N														/A N		/A N	
	Recycling residues (of waste managed):	1							. 190			. 19//	. 14/7	. 1477		. 14				1%	
	MSW and C&I recycling and composting	0.067	0.072	0.078	0.084	0.090	0.096	0.101	0.106	0.112	0.117	0.122	0.126	0.131	0.135	0.140	0.144	0.148	0.153	0.157	0.161
	C&D recycling and composting	0.081	0.072	0.078	0.086	0.090	0.090	0.090	0.090	0.112	0.090	0.122	0.126	0.131	0.101	0.104	0.144		0.108	0.108	0.101
	Hazardous waste recycling				/A N/													/A N		/A N	
•	riazardous waste recycling	IN/A I	W/A 1	UA IN	/A IN/	A IN	A 19/	rs 19//	1 19//	rs 19//	PA 19//	- IN//	1 11/2	1 11//	A 18/	1 IV	/A IN	/A IN	/A IN	/A IN	A IV
	Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	the self-suffi	ciency requi	rements of F	PPS10.																
D: TC	TAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)																				
		2005 0.148	2006 0.155	2007 0.163	2008 0.170	2009 0.178	2010 0.186	2011 0.191	2012 0.196	2013 0.202	2014 0.207	2015 0.212	2016 0.220	2017 0.228	2018 0.236	2019 0.244	2020 0.252	2021 0.256	2022 0.261	2023 0.265	2024 0.270
•	Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.148	0.155	0.163	0.170	0.178	0.186	0.191	0.196	0.202	0.207	0.212	0.220	0.228	0.236	0.244	0.252	0.256	0.261	0.265	0.270
11: TC	TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million																				
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																				
(1)	Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.020	0.021	0.023	0.025	0.027	0.029	0.033	0.037	0.041	0.045	0.050	0.051	0.053	0.055	0.057	0.059	0.058	0.057	0.057	0.056
(1)	Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.020	0.021	0.023	0.025	0.027	0.029	0.033	0.037	0.041	0.045	0.050	0.051	0.053	0.055	0.057	0.059	0.058	0.057	0.057	0.056
	SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																				
	Total MSW and C&I residue sent to non-hazardous landfill	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	0.231	0.228	0.225	0.222	0.220
	Total MSW and C&I residue sent to non-hazardous landfill	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216	0.223	0.231	0.228	0.225	0.222	0.220
	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																				
	Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.077	0.084	0.091	0.098	0.106	0.114	0.129	0.145	0.162	0.177	0.195	0.202	0.209	0.216 0.044	0.223	0.231	0.228	0.225	0.222	0.220
•	Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.016	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
•	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.016 0.059	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040									
•	Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.016 0.059	0.017	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 12: TO	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  NNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 12: TO	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 12: TO (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D roused on landfill sites  C&D roused on exempt sites	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by treatment* (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill'	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 12: TO (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D roused on landfill sites  C&D roused on exempt sites	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 2: TO (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by treatment* (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill'	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 2: TO (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by treatment* (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill'	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018	0.020	0.022	0.023	0.026	0.029	0.033	0.036	0.040	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) 2: TO (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'inert landfill'	0.016 0.059 adfill. In the o	0.017 0.064 riginal mode	0.018 0.069 el assumption	0.020 0.075 ns developed	0.022 0.081 d MEL 50%	0.023 0.087 was assum	0.026 0.098 ed to go to 0	0.029 0.110 C&D recyclii	0.033 0.124 ng, rather th	0.036 0.135 nan to inert I	0.040 0.149 andfi	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045 0.167
(1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfil  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill'	0.016 0.059 ndfill. In the o	0.017 0.064 riginal mode	0.018 0.069	0.020 0.075 ns developed	0.022 0.081 d MEL 50%	0.023 0.087 was assum	0.026 0.098 ed to go to 0	0.029 0.110 C&D recyclii	0.033 0.124 ng, rather th	0.036 0.135 nan to inert I	0.040 0.149 andfi	0.041	0.042	0.044	0.045	0.047	0.046	0.046	0.045	0.045
(1) (2: TO (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by TPDF (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'inert landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.016 0.059 adfill. In the o	0.017 0.064 riginal mode % % % % % % %	0.018 0.069 el assumption 2007 0.073	0.020 0.075 ns developed	0.022 0.081 d MEL 50%	0.023 0.087 was assum 2010 0.069	0.026 0.098 ed to go to 0	0.029 0.110 C&D recyclin 2012 0.072	0.033 0.124 ng, rather th	0.036 0.135 nan to inert I	0.040 0.149 andfi 2015 0.075	0.041 0.154 2016 0.072	0.042 0.159 2017 0.069	0.044 0.165 2018 0.065	0.045 0.170 2019 0.062	0.047 0.176 2020 0.059	0.046 0.174 0.174	0.046 0.172 2022 0.060	0.045 0.170 2023 0.061	0.045 0.167 2024 0.062
(1) (2: TO (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL	0.016 0.059 adfill. In the o 39 9 61 9 30 9 70 9 2005 0.075 0.176	0.017 0.064 riginal mode % % % 2006 0.074 0.173	0.018 0.069 al assumption 2007 0.073 0.170	0.020 0.075 ns developed 2008 0.072 0.167	0.022 0.081 d MEL 50% 2009 0.070 0.164	0.023 0.087 was assum 2010 0.069 0.161	0.026 0.098 ed to go to C	0.029 0.110 C&D recyclin 2012 0.072	0.033 0.124 ng, rather th	0.036 0.135 nan to inert I	0.040 0.149 andfi 2015 0.075	0.041 0.154 2016 0.072	0.042 0.159 2017 0.069	0.044 0.165 2018 0.065	0.045 0.170 2019 0.062	0.047 0.176 2020 0.059	0.046 0.174 0.174	0.046 0.172 2022 0.060	0.045 0.170 2023 0.061	0.045 0.167 2024 0.062
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery to part (Proceedings)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4. Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill streament (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill lt was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	0.016 0.059 adfill. In the o 39 9 61 9 30 9 70 9 2005 0.075 0.176	0.017 0.064 riginal mode % % % 2006 0.074 0.173	0.018 0.069 al assumption 2007 0.073 0.170	0.020 0.075 ns developed 2008 0.072 0.167	0.022 0.081 d MEL 50% 2009 0.070 0.164	0.023 0.087 was assum 2010 0.069 0.161	0.026 0.098 ed to go to C	0.029 0.110 C&D recyclin 2012 0.072	0.033 0.124 ng, rather th	0.036 0.135 nan to inert I	0.040 0.149 andfi 2015 0.075	0.041 0.154 2016 0.072	0.042 0.159 2017 0.069	0.044 0.165 2018 0.065	0.045 0.170 2019 0.062	0.047 0.176 2020 0.059	0.046 0.174 0.174	0.046 0.172 2022 0.060	0.045 0.170 2023 0.061	0.045 0.167 2024 0.062
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfil  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfill' C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill C&D reuse rates based on original model assumptions developed MEL	0.016 0.059 adfill. In the o 39 9 61 9 30 9 70 9 2005 0.075 0.176	0.017  0.064 riginal mode % % % % % % 2006 0.074 0.173	0.018 0.069 al assumption 2007 0.073 0.170	0.020 0.075 ans developed 2008 0.072 0.167	0.022 0.081 d MEL 50% 2009 0.070 0.164	0.023 0.087 was assum 2010 0.069 0.161	0.026 0.098 ed to go to 0 2011 0.070 0.164 ng material.	0.029 0.110 C&D recyclii 2012 0.072 0.167	0.033 0.124 ng, rather th 2013 0.073 0.170	0.036 0.135 nan to inert I 2014 0.074 0.173	0.040 0.149 andfi 2015 0.075 0.176	0.041 0.154 2016 0.072 0.168	0.042 0.159 2017 0.069 0.160	0.044 0.165 2018 0.065 0.153	0.045 0.170 2019 0.062 0.145	0.047 0.176 2020 0.059 0.137	0.046 0.174 2021 0.060 0.139	0.046 0.172 2022 0.060 0.141	0.045 0.170 2023 0.061 0.143	0.045 0.167 2024 0.062 0.145
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(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery to pacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery to pacity (Note that Note that Not	0.016 0.059 adfill. In the o 39 9 61 9 30 9 70 9 2005 0.075 0.176	0.017 0.064 riginal mode % % % % % 2006 0.074 0.173	0.018 0.069 0.069 al assumption 2007 0.073 0.170 n has accounce.	0.020 0.075 ns developed 2008 0.072 0.167	0.022 0.081 d MEL 50% 2009 0.070 0.164	0.023 0.087 was assum 2010 0.069 0.161 an engineeri	0.026 0.098 ed to go to G 2011 0.070 0.164 ng material.	0.029 0.110 C&D recyclii 2012 0.072 0.167	0.033 0.124 ng, rather th 2013 0.073 0.170	0.036 0.135 nan to inert I 2014 0.074 0.173	0.040 0.149 andfi 2015 0.075 0.176	0.041 0.154 2016 0.072 0.168	0.042 0.159 2017 0.069 0.160	0.044 0.165 2018 0.065 0.153	0.045 0.170 2019 0.062 0.145	0.047 0.176 2020 0.059 0.137	0.046 0.174 2021 0.060 0.139	0.046 0.172 2022 0.060 0.141	0.045 0.170 2023 0.061 0.143	0.045 0.167 2024 0.062 0.145
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery to hazardous landfill SCENARIO 3. Assumes all recovery is by "NDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4. Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill lt was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar NNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total c&D reused on non-hazardous landfill Total reused C&D on inert landfill'  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su total RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  Total MSW and C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.016 0.059 ndfill. In the o 39 9 61 9 30 9 70 9 2005 0.076 0.176 vipplied by each	0.017 0.064 riginal mode % % % % % % 2006 0.074 0.173 ch sub-regic	0.018 0.069 0.069 0.073 0.073 0.170 0.170 0.073 0.170 0.073 0.170 0.073	0.020 0.075 ns developed 2008 0.072 0.167 unted for C&U 2008 //A N//	0.022 0.081 d MEL 50% 2009 0.070 0.164 D reuse as a 2009 A N/	0.023 0.087 was assum 2010 0.069 0.161 an engineeri 2010 A N/	0.026 0.098 ed to go to 0 2011 0.070 0.164 ng material. 2011 A N/A	0.029 0.110 0.8D recyclii 2012 0.072 0.167	0.033 0.124 ng, rather th 2013 0.073 0.170 2013 A N//	0.036 0.135  an to inert I  2014 0.074 0.173  2014 A N//	0.040 0.149 andfi 2015 0.075 0.176	2016 0.072 0.168 2016 0.072 0.168	2017 0.069 0.160	2018 0.065 0.065 0.153 2018 A N/	2019 0.062 0.145 2019 2019	0.047 0.176  2020 0.059 0.137  2020 /A N	0.046 0.174  2021 0.060 0.139  2021 /A N	0.046 0.172 2022 0.060 0.141 2022 /A N	0.045 0.170  2023 0.061 0.143  2023 /A N.	0.045 0.167 2024 0.062 0.145 2024 A N
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3 - Assumes all recovery to pacity)  Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 4 - Assumes all recovery to pacity (Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 4 - Assumes all recovery is by Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil II twas assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfil and 50% is sent to inert lar INNAGES OF C&D reused on landfil sites sent to 'non-haz landfil' C&D reused on landfil sites sent to 'non-haz landfil' C&D reused on landfil sites sent to 'non-haz landfil' C&D reused on landfil sites sent to 'non-haz landfil' C&D reused on landfil sites sent to 'non-haz landfil' C&D reused on landfil sites sent to 'non-haz landfil' C&D reused on inert landfill'  Total C&D reused on non-hazardous landfill assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill in ont included within the charts because it has been assumed that data su to the complex of the control of t	0.016 0.059 addill. In the o 39 9 61 9 30 9 70 9 2005 0.075 0.176 upplied by each	0.017 0.064 riginal mode % % % % % % 2006 0.074 0.173 ch sub-regio	0.018 0.069 Il assumptio 2007 0.073 0.170 In has accou	0.020 0.075 ns developed  2008 0.072 0.167  unted for C&E 2008 /A N/	0.022 0.081 d MEL 50% 2009 0.070 0.164 D reuse as a	0.023 0.087 was assum  2010 0.069 0.161  an engineeri	0.026 0.098 ed to go to 0  2011 0.070 0.164 ing material. 2011 A N//	0.029 0.110 C&D recyclii 2012 0.072 0.167	0.033 0.124 ng, rather th 2013 0.073 0.170	0.036 0.135  an to inert I  2014 0.074 0.173	0.040 0.149 andfi 2015 0.075 0.176	2016 0.072 0.168	2017 0.069 0.160	0.044 0.165 2018 0.065 0.153	0.045 0.170 2019 0.062 0.145 2019 A N	0.047 0.176 2020 0.059 0.137 2020 /A N	0.046 0.174 2021 0.060 0.139 2021 /A N	0.046 0.172 2022 0.060 0.141 2022 /A N	0.045 0.170 2023 0.061 0.143 2023 /A N.	0.045 0.167 2024 0.062 0.145 2024 A N
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery to hazardous landfill SCENARIO 3. Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4. Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill lt was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill'  Total C&D reused on on-in-azardous landfill Total reused C&D on inert landfill  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su original model assumed	0.016 0.059 0.059 0.061ii. In the o	0.017 0.064 riginal mode % % % % % 2006 0.074 0.173 ch sub-regic 2006 2006 0.004	0.018 0.069 0.069 assumption 2007 0.073 0.170 n has account 2007 I/A N 2007	2008 2008 2008 2008 2008 2008 2008 2008	0.022 0.081 1 MEL 50%  2009 0.070 0.164  D reuse as a 2009 A N/.	0.023 0.087 was assum  2010 0.069 0.161  2010  A N/  2010  0.006	0.026 0.098 ed to go to 0  2011 0.070 0.164 ang material. 2011 A N// 2011	0.029 0.110 0.8D recyclii 2012 0.072 0.167 2012 A N// 2012 0.007	0.033 0.124 mg, rather th 2013 0.073 0.170 2013 A N// 2013	0.036 0.135  Dan to inert I  2014 0.074 0.173  2014 A N// 2014 0.009	0.040 0.149 andfi  2015 0.075 0.176  2015 4 N//	2016 0.072 0.168 2016 0.072 0.168 2016 A N/A	2017 0.069 0.160 2017 0.069 0.160 2017 0.011	2018 0.065 0.163 2018 0.065 0.153 2018 0.011	2019 0.062 0.145 2019 2019 4 N	0.047 0.176  2020 0.059 0.137  2020 /A N  2020 0.012	0.046 0.174  2021 0.060 0.139  2021 /A N  2021 0.012	0.046 0.172  2022 0.060 0.141  2022  0.011	0.045 0.170  2023 0.061 0.143  2023  0.011	0.045 0.167  2024 0.062 0.145  2024 A N 2024 0.011
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3 - Assumes all recovery to hazardous landfil SCENARIO 3 - Assumes all recovery is by "Non-specialist incineration" (seed on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar  INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites (C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill  Total C&D reused on non-hazardous landfill  C&D reused on inert landfill  C&D reused on onert landfill  C&D reused on onert landfill  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su   VTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recovery and composting residue sent to hazardous landfill   TAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.016 0.059 ndfill. In the o 39 9 61 9 30 9 70 9 2005 0.076 0.176 vipplied by each	0.017 0.064 riginal mode % % % % % % 2006 0.074 0.173 ch sub-regic	0.018 0.069 0.069 0.073 0.073 0.170 0.170 0.073 0.170 0.073 0.170 0.073	0.020 0.075 ns developed 2008 0.072 0.167 unted for C&U 2008 //A N//	0.022 0.081 d MEL 50% 2009 0.070 0.164 D reuse as a 2009 A N/	0.023 0.087 was assum 2010 0.069 0.161 an engineeri 2010 A N/	0.026 0.098 ed to go to 0 2011 0.070 0.164 ng material. 2011 A N/A	0.029 0.110 0.8D recyclii 2012 0.072 0.167	0.033 0.124 ng, rather th 2013 0.073 0.170 2013 A N//	0.036 0.135  an to inert I  2014 0.074 0.173  2014 A N//	0.040 0.149 andfi 2015 0.075 0.176	2016 0.072 0.168 2016 0.072 0.168	2017 0.069 0.160	2018 0.065 0.065 0.153 2018 A N/	2019 0.062 0.145 2019 2019	0.047 0.176  2020 0.059 0.137  2020 /A N	0.046 0.174  2021 0.060 0.139  2021 /A N	0.046 0.172 2022 0.060 0.141 2022 /A N	0.045 0.170  2023 0.061 0.143  2023 /A N.	0.045 0.167 2024 0.062 0.145 2024 A N
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3. Assumes all recovery to hazardous landfil SCENARIO 3. Assumes all recovery is by "Total msW and C&I residue sent to non-hazardous landfil SCENARIO 4. Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil!  It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites  C&D reused on landfill sites sent to 'non-haz landfil'  C&D reused on landfill sites sent to 'non-haz landfil'  C&D reused on landfill sites sent to 'non-haz landfil'  Total C&D reused on non-hazardous landfill  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert landfill  C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  VITAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  VITAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 3 - Assumes all recovery is by 'Pon-yeardous landfill recovery capacity)	0.016 0.059 0.059 0.061ii. In the o	0.017 0.064 riginal mode % % % % % 2006 0.074 0.173 2006 2006 0.004	0.018 0.069 0.069 2007 0.073 0.170 n has accou	2008 2008 2008 2008 2008 2008 2008 0.072 0.167 2008 0.005	2009 0.070 0.164 0 reuse as a 2009 A N/ 2009 0.005	2010 0.069 0.161 2010 A N/ 2010 0.006	0.026 0.098 ed to go to C  2011 0.070 0.164  2011 A N/A  2011 0.007	0.029 0.110 0.8D recyclii 2012 0.072 0.167 2012 A N/A 2012 0.007 0.000	0.033 0.124 ng, rather th  2013 0.073 0.170  2013 A N// 2013 0.008 0.000	2014 0.074 0.173 2014 0.074 0.173 2014 A N// 2014 0.009	0.040 0.149 andfi  2015 0.075 0.176  2015 A N// 2015 0.010 0.000	2016 0.072 0.168 2016 A N/A 2016 0.010	2017 0.069 0.160 2017 0.069 0.160 2017 0.011	2018 0.065 2018 0.065 0.153 2018 A N/ 2018	2019 0.062 0.145 2019 0.062 0.145 2019 0.011	2020 0.059 0.137 2020 /A N 2020 0.012	2021 0.046 0.174 2021 0.060 0.139 2021 /A N 2021 0.012	0.046 0.172  2022 0.060 0.141  2022  /A N  2022  0.011 0.000	2023 0.045 0.170 2023 0.061 0.143 2023 0.011 0.000	0.045 0.167  2024 0.062 0.145  2024 A N  2024 0.011 0.000
(1) (2: TO (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4. Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill storage and that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lard MSW and C&I residue sent to non-hazardous landfill is uses assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lard MSW and C&I residue on landfill sites C&I reused on landfill sites C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused C&I reused on roignal model assumptions developed MEL NOTE: C&I reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data support of the state of	0.016 0.059 0.059 0.061ii. In the o	0.017 0.064 riginal mode % % % % % 2006 0.074 0.173 ch sub-regic 2006 2006 0.004	0.018 0.069 0.069 assumption 2007 0.073 0.170 n has account 2007 I/A N 2007	2008 2008 2008 2008 2008 2008 2008 2008	0.022 0.081 1 MEL 50%  2009 0.070 0.164  D reuse as a 2009 A N/.	0.023 0.087 was assum  2010 0.069 0.161  2010  A N/  2010  0.006	0.026 0.098 ed to go to 0  2011 0.070 0.164 ang material. 2011 A N// 2011	0.029 0.110 0.8D recyclii 2012 0.072 0.167 2012 A N// 2012 0.007	0.033 0.124 mg, rather th 2013 0.073 0.170 2013 A N// 2013	0.036 0.135  Dan to inert I  2014 0.074 0.173  2014 A N// 2014 0.009	0.040 0.149 andfi  2015 0.075 0.176  2015 4 N//	2016 0.072 0.168 2016 0.072 0.168 2016 A N/A	2017 0.069 0.160 2017 0.069 0.160 2017 0.011	2018 0.065 0.163 2018 0.065 0.153 2018 0.011	2019 0.062 0.145 2019 2019 4 N	0.047 0.176  2020 0.059 0.137  2020 /A N  2020 0.012	0.046 0.174  2021 0.060 0.139  2021 /A N  2021 0.012	0.046 0.172  2022 0.060 0.141  2022  0.011	0.045 0.170  2023 0.061 0.143  2023  0.011	0.045 0.167  2024 0.062 0.145  2024 A N 2024 0.011
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3 - Assumes all recovery to hazardous landfil SCENARIO 3 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil II was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  C&D reuse and that sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data site of the control of	0.016 0.059 0.059 0.061 0.059 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076 0.076	0.017 0.064 riginal mode % % % % 2006 0.074 0.173 ch sub-regio 2006 0.004 0.000	0.018 0.069 0.069 2007 0.073 0.170 n has account 2007 2007 0.005 0.000	2008 0.075 ns developed  2008 0.072 0.167  2008 0.072 0.067 0.005 0.000 0.000	0.022 0.081 d MEL 50%  2009 0.070 0.164  D reuse as a 2009 A N/. 2009 0.005 0.000	2010 0.087 was assum 2010 0.069 0.161 2010 A N/ 2010 0.006 0.000	0.026 0.098 ed to go to C  2011 0.070 0.164  2011 A N/2 2011 0.007 0.000 0.000	0.029 0.110 0.110 2.8D recyclii 2012 0.072 0.167 2012 A N/a 2012 0.007 0.000 0.000	0.033 0.124 ng, rather th  2013 0.073 0.170  2013 A N/A 2013 0.008 0.000 0.000	0.036 0.135 0.135 0.135 0.135 0.101 0.074 0.173 0.173  2014 0.074 0.173 0.001 0.000 0.000	0.040 0.149 andfi  2015 0.075 0.176  2015 A N/A 2015 0.010 0.000	2016 0.072 0.168 2016 0.072 0.168 2016 0.010 0.000	2017 0.069 0.160 2017 0.069 0.160 2017 0.011 0.000	2018 0.065 2018 0.065 0.153 2018 A N/ 2018 0.011 0.000	0.045 0.170 0.170 0.062 0.145 0.011 0.000 0.000	2020 0.047 0.176 2020 0.059 0.137 2020 0.012 0.000 0.000	0.046 0.174  2021 0.060 0.139  2021 /A N  2021 0.012 0.000 0.000	0.046 0.172  2022 0.060 0.141  2022  A N  2022 0.001 0.000	0.045 0.170  2023 0.061 0.143  2023 /A N. 2023 0.011 0.000 0.000	0.045 0.167 2024 0.062 0.145 2024 A N 0.011 0.000
(1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3. Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4. Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill storage and that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lard MSW and C&I residue sent to non-hazardous landfill is uses assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lard MSW and C&I residue on landfill sites C&I reused on landfill sites C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused on landfill sites sent to 'non-haz landfill' C&I reused C&I reused on roignal model assumptions developed MEL NOTE: C&I reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data support of the state of	0.016 0.059 0.059 0.061ii. In the o	0.017 0.064 riginal mode % % % % % 2006 0.074 0.173 2006 2006 0.004	0.018 0.069 0.069 2007 0.073 0.170 n has accou	2008 2008 2008 2008 2008 2008 2008 2008	2009 0.070 0.164 0 reuse as a 2009 A N/ 2009 0.005	2010 0.069 0.161 2010 A N/ 2010 0.006	0.026 0.098 ed to go to C  2011 0.070 0.164  2011 A N/A  2011 0.007	0.029 0.110 0.8D recyclii 2012 0.072 0.167 2012 A N/A 2012 0.007 0.000	0.033 0.124 ng, rather th  2013 0.073 0.170  2013 A N// 2013 0.008 0.000	2014 0.074 0.173 2014 0.074 0.173 2014 A N// 2014 0.009	0.040 0.149 andfi  2015 0.075 0.176  2015 A N// 2015 0.010 0.000	2016 0.072 0.168 2016 A N/A 2016 0.010	2017 0.069 0.160 2017 0.069 0.160 2017 0.011	2018 0.065 2018 0.065 0.153 2018 A N/ 2018	2019 0.062 0.145 2019 0.062 0.145 2019 0.011	2020 0.059 0.137 2020 /A N 2020 0.012	2021 0.046 0.174 2021 0.060 0.139 2021 /A N 2021 0.012	0.046 0.172  2022 0.060 0.141  2022  /A N  2022  0.011 0.000	2023 0.045 0.170 2023 0.061 0.143 2023 0.011 0.000	0.045 0.167  2024 0.062 0.145  2024 A N  2024 0.011 0.000
(1) (2: TO (1) (1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 3 - Assumes all recovery to hazardous landfil SCENARIO 3 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfil II was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land INNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  C&D reuse and that sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data site of the control of	0.016 0.059 0.059 0.061 0.059 0.07 0.07 0.07 0.07 0.07 0.07 0.07 0.0	0.017 0.064 riginal mode % % % % 2006 0.074 0.173 ch sub-regic 2006 0.004 0.000 0.000	0.018 0.069 0.069 2007 0.073 0.170 0.170 0.005 0.000 0.000	2008 0.072 0.167  unted for C&E 2008 0.005 0.000 0.000 0.000	0.022 0.081 d MEL 50%  2009 0.070 0.164  D reuse as a 2009 A N/. 2009 0.005 0.000	2010 0.087 was assum 2010 0.069 0.161 2010 A N/ 2010 0.006 0.000	0.026 0.098 ed to go to C  2011 0.070 0.164  2011 A N/2 2011 0.007 0.000 0.000	0.029 0.110 0.110 2.8D recyclii 2012 0.072 0.167 2012 A N/a 2012 0.007 0.000 0.000	0.033 0.124 ng, rather th  2013 0.073 0.170  2013 A N/A 2013 0.008 0.000 0.000	0.036 0.135 0.135 0.135 0.135 0.101 0.074 0.173 0.173  2014 0.074 0.173 0.001 0.000 0.000	0.040 0.149 andfi  2015 0.075 0.176  2015 A N/A 2015 0.010 0.000	2016 0.072 0.168 2016 0.072 0.168 2016 0.010 0.000	2017 0.069 0.160 2017 0.069 0.160 2017 0.011 0.000	2018 0.065 2018 0.065 0.153 2018 A N/ 2018 0.011 0.000	0.045 0.170 0.170 0.062 0.145 0.011 0.000 0.000	2020 0.047 0.176 2020 0.059 0.137 2020 0.012 0.000 0.000	0.046 0.174  2021 0.060 0.139  2021 /A N  2021 0.012 0.000 0.000	0.046 0.172  2022 0.060 0.141  2022  A N  2022 0.001 0.000	0.045 0.170  2023 0.061 0.143  2023 /A N. 2023 0.011 0.000 0.000	0.045 0.167 2024 0.062 0.145 2024 A N 0.011 0.000
(1) (1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery to pacity (Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill it was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill sensed on landfill sites (C&I reused on landfill sites (C&I reused on landfill sites sent to 'non-haz landfill'  C&I reused on landfill sites sent to 'non-haz landfill'  Total C&I reused on landfill sites sent to 'non-haz landfill'  Total C&I reused on non-hazardous landfill (C&I reused on non-hazardous landfill in the landfill')  C&I reuse rates based on original model assumptions developed MEL (NOTE: C&I reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data support of the landfill (C&I reuse) (C&I reuse) (CAI reuse)	0.016 0.059 0.059 0.070 0.059 0.075 0.075 0.075 0.075 0.075 0.075 0.076 0.000 0.000 0.000 0.000 0.007 0.007 0.0059	0.017 0.064 riginal mode % % % % 2006 0.074 0.173 ch sub-regic 2006 0.004 0.000 0.000	0.018 0.069 0.069 2007 0.073 0.170 0.170 0.005 0.000 0.000	2008 0.072 0.167  unted for C&E 2008 0.005 0.000 0.000 0.000	0.022 0.081 d MEL 50%  2009 0.070 0.164  D reuse as a 2009 A N/. 2009 0.005 0.000	2010 0.087 was assum  2010 0.069 0.161  2010 A N/ 2010 0.006 0.000 0.000	0.026 0.098 ed to go to C  2011 0.070 0.164  2011 A N/2 2011 0.007 0.000 0.000	0.029 0.110 0.110 2.8D recyclii 2012 0.072 0.167 2012 A N/a 2012 0.007 0.000 0.000	0.033 0.124 ng, rather th  2013 0.073 0.170  2013 A N/A 2013 0.008 0.000 0.000	0.036 0.135 0.135 0.135 0.135 0.101 0.074 0.173 0.173  2014 0.074 0.173 0.001 0.000 0.000	0.040 0.149 andfi  2015 0.075 0.176  2015 A N/A 2015 0.010 0.000	2016 0.072 0.168 2016 0.072 0.168 2016 0.010 0.000	2017 0.069 0.160 2017 0.069 0.160 2017 0.011 0.000	2018 0.065 2018 0.065 0.153 2018 A N/ 2018 0.011 0.000	0.045 0.170 0.170 0.062 0.145 0.011 0.000 0.000	2020 0.047 0.176 2020 0.059 0.137 2020 0.012 0.000 0.000	0.046 0.174  2021 0.060 0.139  2021 /A N  2021 0.012 0.000 0.000	0.046 0.172  2022 0.060 0.141  2022  A N  2022 0.001 0.000	0.045 0.170  2023 0.061 0.143  2023 /A N. 2023 0.011 0.000 0.000	0.045 0.167 2024 0.062 0.145 2024 A N 0.011 0.000
(1) 2: TO (1) (1) (1) (1) (1) (1)	Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery to hazardous landfill SCENARIO 3 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "Ireatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill lit was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert land in the sent sent to non-hazardous landfill and 50% is sent to inert land in the sent sent to non-hazardous landfill and 50% is sent to inert land in the sent sent to 'non-haz landfill'  C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill and in the sent landfill'  C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data so that was a sent sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the sent landfill in the sent landfill in the charts because it has been assumed that data sent landfill in the se	0.016 0.059 0.059 0.070 0.059 0.075 0.075 0.075 0.075 0.075 0.075 0.076 0.000 0.000 0.000 0.000 0.007 0.007 0.0059	0.017 0.064 riginal mode % % % % 2006 0.074 0.173 ch sub-regic 2006 0.004 0.000 0.000	0.018 0.069 0.069 2007 0.073 0.170 0.170 0.005 0.000 0.000	2008 0.072 0.167  unted for C&E 2008 0.005 0.000 0.000 0.000	0.022 0.081 d MEL 50%  2009 0.070 0.164  D reuse as a 2009 A N/. 2009 0.005 0.000	2010 0.087 was assum  2010 0.069 0.161  2010 A N/ 2010 0.006 0.000 0.000	0.026 0.098 ed to go to C  2011 0.070 0.164  2011 A N/2 2011 0.007 0.000 0.000	0.029 0.110 0.110 2.8D recyclii 2012 0.072 0.167 2012 A N/a 2012 0.007 0.000 0.000	0.033 0.124 ng, rather th  2013 0.073 0.170  2013 A N/A 2013 0.008 0.000 0.000	0.036 0.135 0.135 0.135 0.135 0.101 0.074 0.173 0.173  2014 0.074 0.173 0.001 0.000 0.000	0.040 0.149 andfi  2015 0.075 0.176  2015 A N/A 2015 0.010 0.000	2016 0.072 0.168 2016 0.072 0.168 2016 0.010 0.000	2017 0.069 0.160 2017 0.069 0.160 2017 0.011 0.000	2018 0.065 2018 0.065 0.153 2018 A N/ 2018 0.011 0.000	0.045 0.170 0.170 0.062 0.145 0.011 0.000 0.000	2020 0.047 0.176 2020 0.059 0.137 2020 0.012 0.000 0.000	0.046 0.174  2021 0.060 0.139  2021 /A N  2021 0.012 0.000 0.000	0.046 0.172  2022 0.060 0.141  2022  A N  2022 0.001 0.000	0.045 0.170  2023 0.061 0.143  2023 /A N. 2023 0.011 0.000 0.000	0.045 0.167 2024 0.062 0.145 2024 A N 0.011 0.000

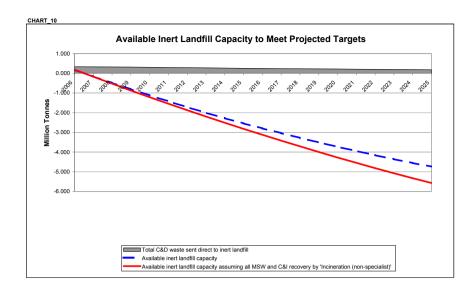












## Buckinghamshire

#### SUMMARY DATA AND RESULTS FOR BUCKINGHAMSHIRE

MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)

sw sw - imports			2000		2000				2012	2010				2017	2010			2021	2022	2020	2024
sw - imports	a francisco de la constanta de		0.304	0.312	0.320 0.068	0.328	0.336	0.343 0.061	0.350	0.357 0.053	0.364 0.050	0.371	0.377	0.382	0.388	0.394	0.400 0.037	0.406 0.036	0.412 0.035	0.418 0.035	0.424
i	s from london that are sent direct to non-hazardous landfill		0.072	0.070	0.066	0.000	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260
	from london that are sent direct to non-hazardous landfill		0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101
d.d			0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711	0.711
ardous			0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
CTE CTD	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	LATS shortfall (how much extra is landfilled above LATS target)		-0.006	-0.004	-0.002	0.002	0.008	0.011	0.014	0.016	0.010	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001
•	Recycling and composting target		0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250
	Recovery target		0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	0.105
	Non-hazardous landfill		0.188	0.182	0.175	0.166	0.154	0.139	0.123	0.108	0.100	0.093	0.088	0.084	0.079	0.074	0.068	0.068	0.068	0.069	0.069
	Recycling and composting target		0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	0.806
	Recovery target		0.131	0.136	0.141	0.147	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244
	Non-hazardous landfill		0.404	0.393	0.382	0.369	0.356	0.343	0.328	0.313	0.297	0.281	0.271	0.262	0.251	0.241	0.230	0.225	0.220	0.215	0.209
	Recycling target		0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427
	Recovery target		0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211
	Inert landfill		0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.080	0.077	0.074
dous	Hazardous waste  Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodal accumac	0.012 e that this s	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016
					3 recycleure	omposted :	and recover	cu at the se	inc ratio as	tile regiona	targets for	recycling/or	omposting a	na recovery	ioi tilat ye	ai.					
TING/PL	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (	Million Tol 2006	nnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
and C&	kl recovery																				
	Total existing/planned MSW and C&I recovery capacity		0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093
	Surplus/deficit capacity		-0.057	-0.067	-0.078	-0.089	-0.102	-0.125	-0.149	-0.175	-0.198	-0.222	-0.231	-0.241	-0.252	-0.262	-0.273	-0.269	-0.265	-0.261	-0.256
and C&	ki recycling and composting		0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)  Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.297	0.297	0.239	0.237	0.297	0.239	0.239	0.297	0.239	0.239	0.239	0.239	0.297	0.237	0.297	0.297	0.239	0.297	0.297
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.187	-0.224	-0.263	-0.305	-0.352	-0.384	-0.417	-0.451	-0.479	-0.508	-0.535	-0.562	-0.590	-0.619	-0.649	-0.676	-0.703	-0.731	-0.759
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.245	-0.282	-0.321	-0.363	-0.410	-0.442	-0.475	-0.509	-0.537	-0.566	-0.593	-0.620	-0.648	-0.677	-0.707	-0.734	-0.761	-0.789	-0.817
cycling				**																	
,,,,	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	-0.427
covery																					
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.542	1.463	1.384	1.305	1.225	1.200	1.175	1.150	1.125	1.100	1.080	1.060	1.040	1.020	1.000	1.018	1.036	1.054	1.072
ous wa	aste recycling																				
	Total existing/planned hazardous waste recycling capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
	surplus/deficit capacity raste recovery		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ious wa			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	N/A	0.000 N/A	N/A	N/A	0.000 N/A	0.000 N/A	N/A	0.000 N/A	N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	N/A
azardou	us landfill																				
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		10.500	9.515	8.547	7.599	6.672	5.770	4.907	4.083	3.299	2.548	1.831	1.131	0.447	-0.220	-0.869	-1.499	-2.125	-2.747	-3.365
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.492	8.501	7.527	6.572	5.641	4.745	3.885	3.061	2.266	1.502	0.753	0.019	-0.699	-1.402	-2.087	-2.768	-3.443	-4.114
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		10.500	9.426	8.364	7.315	6.280	5.264	4.272	3.305	2.363	1.440	0.537	-0.355	-1.236	-2.106	-2.965	-3.811	-4.651	-5.484	-6.311
					8.510	7.541	6.592	5.667	4.778	3.925	3.108	2.323	1.568	0.829	0.105	-0.603	-1.295			-3.304	-3.964
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		10.500	9.497														-1.969	-2.639		
			10.500 10.500	9.497 9.447	8.408	7.382	6.373	5.384	4.422	3.489	2.585	1.703	0.844	-0.002	-0.837	-1.658	-2.467	-1.969 -3.263	-2.639 -4.052	-4.835	-5.612
andfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		10.500	9.447	8.408	7.382					2.585	1.703			-0.837	-1.658	-2.467	-3.263	-4.052	-4.835	
ndfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity		10.500 26.051	9.447 25.919	8.408 25.789	7.382 25.663	25.539	25.418	25.301	25.189	2.585 25.081	1.703 24.977	24.878	24.781	-0.837 24.687	-1.658 24.596	-2.467 24.508	-3.263 24.422	-4.052 24.340	-4.835 24.260	24.183
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialist)'		10.500	9.447	8.408	7.382					2.585	1.703			-0.837	-1.658	-2.467	-3.263	-4.052	-4.835	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' noffil		10.500 26.051 26.051	9.447 25.919 25.896	8.408 25.789 25.743	7.382 25.663 25.590	25.539 25.439	25.418 25.289	25.301 25.140	25.189 24.991	2.585 25.081 24.843	1.703 24.977 24.695	24.878 24.549	24.781 24.403	-0.837 24.687 24.259	-1.658 24.596 24.116	-2.467 24.508 23.975	-3.263 24.422 23.835	-4.052 24.340 23.698	-4.835 24.260 23.564	24.183 23.435
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Indfill Available hazardous landfill capacity		10.500 26.051	9.447 25.919	8.408 25.789	7.382 25.663	25.539	25.418	25.301	25.189	2.585 25.081	1.703 24.977	24.878	24.781	-0.837 24.687	-1.658 24.596	-2.467 24.508	-3.263 24.422	-4.052 24.340	-4.835 24.260	24.183
ious lar	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  indfill  Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.		10.500 26.051 26.051	9.447 25.919 25.896 0.000	8.408 25.789 25.743 0.000	7.382 25.663 25.590 0.000	25.539 25.439 0.000	25.418 25.289 0.000	25.301 25.140 0.000	25.189 24.991 0.000	2.585 25.081 24.843 0.000	1.703 24.977 24.695 0.000	24.878 24.549 0.000	24.781 24.403 0.000	-0.837 24.687 24.259 0.000	-1.658 24.596 24.116 0.000	-2.467 24.508 23.975 0.000	-3.263 24.422 23.835 0.000	-4.052 24.340 23.698 0.000	-4.835 24.260 23.564 0.000	24.183 23.435
lous lar	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	10.500 26.051 26.051	9.447 25.919 25.896	8.408 25.789 25.743	7.382 25.663 25.590	25.539 25.439	25.418 25.289	25.301 25.140	25.189 24.991	2.585 25.081 24.843	1.703 24.977 24.695	24.878 24.549	24.781 24.403	-0.837 24.687 24.259	-1.658 24.596 24.116	-2.467 24.508 23.975	-3.263 24.422 23.835	-4.052 24.340 23.698	-4.835 24.260 23.564	24.183 23.435
lous lar	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year	2000	26.051 26.051 0.000 2006	9.447 25.919 25.896 0.000	8.408 25.789 25.743 0.000	7.382 25.663 25.590 0.000	25.539 25.439 0.000	25.418 25.289 0.000	25.301 25.140 0.000	25.189 24.991 0.000	2.585 25.081 24.843 0.000	1.703 24.977 24.695 0.000	24.878 24.549 0.000	24.781 24.403 0.000	-0.837 24.687 24.259 0.000	-1.658 24.596 24.116 0.000	-2.467 24.508 23.975 0.000	-3.263 24.422 23.835 0.000	-4.052 24.340 23.698 0.000	-4.835 24.260 23.564 0.000	24.183 23.435 0.000
01: AF	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	10.500 26.051 26.051 0.000 2006	9.447 25.919 25.896 0.000 2007 2.5%	25.789 25.743 0.000 2008	7.382 25.663 25.590 0.000 2009 2.5%	25.539 25.439 0.000 2010 2.5%	25.418 25.289 0.000 2011 2.0%	25.301 25.140 0.000 2012 2.0%	25.189 24.991 0.000 2013 2.0%	2.585 25.081 24.843 0.000 2014 2.0%	1.703 24.977 24.695 0.000 2015 2.0%	24.878 24.549 0.000 2016	24.781 24.403 0.000 2017	-0.837 24.687 24.259 0.000 2018	-1.658 24.596 24.116 0.000 2019 1.5%	-2.467 24.508 23.975 0.000 2020 1.5%	-3.263 24.422 23.835 0.000 2021	-4.052 24.340 23.698 0.000 2022	-4.835 24.260 23.564 0.000 2023	24.183 23.435 0.000 2024 1.5%
01: AF	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)	2000	26.051 26.051 0.000 2006	9.447 25.919 25.896 0.000	25.789 25.743 0.000 2008	7.382 25.663 25.590 0.000	25.539 25.439 0.000	25.418 25.289 0.000	25.301 25.140 0.000	25.189 24.991 0.000	2.585 25.081 24.843 0.000	1.703 24.977 24.695 0.000	24.878 24.549 0.000	24.781 24.403 0.000	-0.837 24.687 24.259 0.000	-1.658 24.596 24.116 0.000	-2.467 24.508 23.975 0.000	-3.263 24.422 23.835 0.000	-4.052 24.340 23.698 0.000	-4.835 24.260 23.564 0.000	24.183 23.435 0.000
01: AF	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)	3.0% 109%	26.051 26.051 0.000 2006 2.5% 112%	9.447 25.919 25.896 0.000 2007 2.5% 115%	25.789 25.743 0.000 2008 2.5% 118%	7.382 25.663 25.590 0.000 2009 2.5% 121%	25.539 25.439 0.000 2010 2.5% 124%	25.418 25.289 0.000 2011 2.0% 126%	25.301 25.140 0.000 2012 2.0% 129%	25.189 24.991 0.000 2013 2.0% 131%	2.585 25.081 24.843 0.000 2014 2.0% 134%	1.703 24.977 24.695 0.000 2015 2.0% 136%	24.878 24.549 0.000 2016 1.5% 139%	24.781 24.403 0.000 2017 1.5% 141%	-0.837 24.687 24.259 0.000 2018 1.5% 143%	-1.658 24.596 24.116 0.000 2019 1.5% 145%	-2.467 24.508 23.975 0.000 2020 1.5% 147%	-3.263 24.422 23.835 0.000 2021 1.5% 149%	-4.052 24.340 23.698 0.000 2022 1.5% 151%	-4.835 24.260 23.564 0.000 2023 1.5% 154%	24.183 23.435 0.000 2024 1.5% 156%
01: AF	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)	3.0% 109% 0.297 3.0% 109%	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 1127	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 115%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124%	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126%	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 131%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5%	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 145%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.55%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 151%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5%	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.5% 156%
01: AF	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) Total arisings of MSW using regional growth forecasts    Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rote of MSW - cumulative (%)   Forecast sub-regional growth rote of MSW - cumulative (%)   Forecast sub-regional growth rote of MSW - cumulative (%)   Forecast sub-regional growth rote of MSW - cumulative (%)   Forecast sub-regional growth rote of MSW - cumulative (%)   Forecast sub-regional growth rote of MSW - cumulative (%)	3.0% 109% 0.297 3.0%	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5%	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0%	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5%	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5%	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.5%
01: AF (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill  Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast sub-regional growth rate of MSW - per year (%)  ) Forecast sub-regional growth rate of MSW - per year (%)  Total arisings of MSW using sub-regional growth forecasts  Total arisings of MSW using sub-regional growth forecasts	3.0% 109% 0.297 3.0% 109% 0.297	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304	9.447 25.919 25.896 0.000 2007 2.5% 0.312 2.5% 115% 0.312	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 131% 0.357	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5%	-1.658 24.596 24.116 0.000 2019 1.5% 1.45% 0.394 1.5% 0.394	-2.467 24.508 23.975 0.000 2020 1.5% 0.400 1.5% 147% 0.400	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 151% 0.412	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 0.418	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424
01: AF (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' notfill  Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)  Total arisings of MSW using regional growth forecasts  Total arisings of MSW using value of MSW - cumulative (%)  Total arisings of MSW using value of MSW - cumulative (%)  Total arisings of MSW using value of MSW - cumulative (%)  Total arisings of MSW using value for MSW - cumulative (%)  Total arisings of MSW using value for MSW - cumulative (%)  Total arisings of MSW using value for MSW - cumulative (%)  Total arisings of MSW using value for MSW - per year (%)  Total arisings of C&I in baseline year	3.0% 109% 0.297 3.0% 109% 0.297	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 18% 0.320	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 0.328	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 1319 0.357	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5%	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 0.412	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 0.418	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.0%
01: AF (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  noffill  Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast sub-regional growth rate of MSW - per year (%)  Total arisings of MSW using sub-regional growth forecasts  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  ) Forecast regional level growth rate of C&I - per year (%)    Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117%	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 0.304 2.5% 0.304	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 0.312 2.5% 123%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 118%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144%	24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 1369 0.371 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.5% 1.5%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 143% 0.388	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 1.5% 1.5% 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 0.400 1.5% 158%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 151% 0.412	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 1.48 1.0%	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424 1.0% 164%
01: AF (1) (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' notifil Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISHOS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)   Forecast sergional level growth rate of MSW - cumulative (%)   Total arisings of MSW using regional growth forecasts   Total arisings of MSW using able of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth fore of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of C&I - per year (%)   Forecast sub-regional growth rate of C&I - cumulative (%)   Forecast sub-regional growth rate of C&I - cumulative (%)   Forecast sub-regional growth rate of C&I - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 130% 0.993	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343 2.0% 136% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 13157 0.357 2.0% 141% 1.080	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102	24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 1.15%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.5% 151% 1.158	-0.837 24.687 24.259 0.000 2018 1.5% 14.3% 0.388 1.5% 14.3% 0.388 1.5% 1.175	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394 1.5% 145% 0.394 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0%	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260
01: AF (1) (1) (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' norfill Available inert landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSV - per year (%) ) Forecast sequenal level growth rate of MSV - cumulative (%) Total arisings of MSW using regional growth forecasts )   Forecast sub-regional growth rate of MSV - cumulative (%)   Forecast sub-regional growth rate of MSV - cumulative (%)   Forecast sub-regional level growth rate of MSV - cumulative (%)   Forecast sub-regional growth rate of MSV - cumulative (%)   Forecast sub-regional growth rate of MSV - cumulative (%)   Forecast sub-regional growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3%	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 120% 0.922 2.5%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 2.55%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 133% 1.018 2.5%	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 136% 1.038 2.0%	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 138% 1.059 2.0%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 141% 1.080 2.0%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 151% 1.158 1.596	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 153% 1.75 1.5%	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 156% 1.193 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 0.400 1.5% 0.400 1.5% 188% 1.210 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 161% 1.10%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 1.54 0.418 1.0% 163% 1.247	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.5% 0.424 1.0% 164% 1.260
01: AF (1) (1) (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' nofill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISHOS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)   Forecast sergional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Total arisings of MSW using bar-regional growth forecasts   Total arisings of MSW using sub-regional growth forecasts   Total arisings of C&I in baseline year   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117%	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120%	9.447 25.919 25.896 0.000 2007 2.5% 0.312 2.5% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.25% 123%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 126% 126%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336 1.018 2.5% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343 2.0% 1.038 2.0% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350 1.059 2.0% 1.059	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 1319 0.357 1419 1.080 2.0% 1419	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 1.102 2.0% 144% 1.102 1.004	24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 136% 136% 136% 147% 1.124 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382 1.5% 1.5% 1.55% 1.55%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 1.3% 1.175 1.5% 153%	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 158% 1.210 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 1.0% 160% 1.223 1.0%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.0% 163% 1.247 1.0%	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0%
01: AF (1) (1) (1) (1) (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Total arisings of MSW using sub-regional growth forecasts   Arisings of C&I in baseline year   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional growth forecasts	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3%	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 120% 0.922 2.5%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 2.55%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 133% 1.018 2.5%	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 136% 1.038 2.0%	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 138% 1.059 2.0%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 141% 1.080 2.0%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 151% 1.158 1.596	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 153% 1.75 1.5%	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 156% 1.193 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 0.400 1.5% 0.400 1.5% 188% 1.210 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 161% 1.10%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 1.54 0.418 1.0% 163% 1.247	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.5% 0.424 1.0% 164% 1.260
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inent landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inent landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inent landfill capacity Available inent landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) ) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using growth rate of MSW - per year (%) ) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - per year (%) Total arisings of C&I using regional growth forecasts    Forecast sub-regional level growth rate of C&I - per year (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3%	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 1129% 0.304 2.5% 120% 0.922 2.5% 120% 0.922	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 115% 0.312 2.5% 123% 0.945	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 124% 0.336 2.5% 133% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 136% 1.36% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350 2.0% 138% 1.059	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 141% 1.080	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 1.102	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 1.397 1.5% 1.49% 1.141	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.58 1.5% 1.5%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 143% 1.5% 153% 1.175	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394 1.5% 156% 1.193	24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 0.400 1.5% 1.210 1.5% 1.8% 1.210	-3.263  24.422 23.835  0.000  2021  1.5% 149% 0.406 1.0% 160% 1.223	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 1.04% 163% 1.247	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.0% 164% 1.260
(1) (1) (1) (1) (1) (1) (1) (1) (2) (3) (4) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'  Indfill Available inert landfill capacity Available inert landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast regional level growth rate of MSW - word waste (%)  Total arisings of MSW using regional growth forecasts    Forecast sub-regional given trate of MSW - grey year (%)   Forecast sub-regional given forecasts avided (%)   Forecast sub-regional given forecasts	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117%	26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120%	9.447 25.919 25.896 0.000 2007 2.5% 0.312 2.5% 0.312 2.5% 115% 0.312 2.5% 123% 0.945 2.25% 123%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 126% 126%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336 1.018 2.5% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343 2.0% 1.038 2.0% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 129% 0.350 1.059 2.0% 1.059	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 1319 0.357 1419 1.080 2.0% 1419	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 1.102 2.0% 144% 1.102 1.004	24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 136% 136% 136% 147% 1.124 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382 1.5% 1.5% 1.55% 1.55%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 1.3% 1.175 1.5% 153%	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 158% 1.210 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 1.0% 160% 1.223 1.0%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.0% 163% 1.247 1.0%	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0%
(1) (1) (1) (1) (1) (1) (1) (1) (2) (3) (4) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inent landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inent landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inent landfill capacity Available inent landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) ) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using growth rate of MSW - per year (%) ) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - per year (%) Total arisings of C&I using regional growth forecasts    Forecast sub-regional level growth rate of C&I - per year (%)   Total arisings of C&I using regional growth forecasts   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Forecast sub-regional level growth rate of C&I - cumulative (%)   Total arisings of C&I using sub-regional growth forecasts   Arisings of hazardous waste in baseline year	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 129% 0.922 2.5% 120% 0.922 2.5%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 0.312 2.5% 123% 0.945	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 126% 0.969 2.55% 0.969	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 0.343 136% 1.038 2.0% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 138% 1.059	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 131% 0.357 1.080 1.080 2.0% 141% 1.080	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124	24.878 24.549 0.000 2016 1.5% 1.39% 0.377 1.5% 1.49% 1.141 1.5% 1.491	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.51% 1.158 1.55% 1.158 1.55% 1.158	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 143% 1.55% 153% 1.175 1.55%	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394 1.5% 145% 1.193 1.5% 1.193	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 0.400 1.5% 1.210 1.5% 1.210	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 1.223	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 151% 0.412 1.0% 161% 1.235 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.5% 166% 0.424 1.0% 1.260 1.0% 1.260
(1) (1) (1) (1) (1) (1) (1) (2) (2) (2)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' indfill  Available hazardous landfill capacity  Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast regional level growth rate of MSW - per year (%)  ) Forecast sub-regional growth rate of MSW - per year (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  ) Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-national level growth rate of C&I - per year (%)  Forecast sub-national level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 123% 1.5%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 126% 0.969	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 130% 0.932 2.5% 130% 0.933 2.5% 130% 130%	25.539 25.439 0.000 2010 2.5% 124% 0.25% 124% 1.018 2.5% 133% 1.018 2.5% 133% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 136% 1.038	25.301 25.140 0.000 2012 2.0% 1.29% 0.350 2.0% 1.38% 1.059 2.0% 138% 1.059 2.0% 138% 1.059 2.0%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 1311% 0.357 2.0% 141% 1.080 1.080 1.20%	2.585  25.081 24.843  0.000  2014  2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 134% 1.102	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 147% 1.124 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.15% 149% 1.141 1.5% 135%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.158 1.5% 1.158 1.5% 1.158	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 153% 1.75% 153% 1.75% 153% 1.75%	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394  1.5% 156% 1.193 1.5% 156% 1.193 1.5%	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 158% 1.210 1.5% 144%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406 1.0% 1.223 1.0% 1.223 1.0% 1.235	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.5% 161% 1.0% 161% 1.235 1.0% 161% 1.235	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.260
(1) (1) (1) (1) (1) (1) (1) (2) (2) (2)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' notfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) ) Forecast regional level growth rate of MSW - word waste.  Total arisings of MSW using regional growth forecasts    Forecast sub-regional growth parts of mSW - cumulative (%)   Forecast sub-regional growth parts of mSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of bazardous waste - per year (%)   Forecast regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.901	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 115% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5% 112%	8.408 25.789 25.743 0.000 2008 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 118% 0.969 2.5% 1.26% 0.969 2.5% 1.5% 0.012 2.5% 1.15%	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 130% 0.903 2.5% 130% 13	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 1.38% 1.059 2.0% 1.059 2.0% 1.059 2.0% 1.059 2.0% 1.059	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 141% 1.080 2.0% 128% 0.014 2.0%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 1.102 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 1.002 2.0% 1.002 2.0% 1.002 1.002 1.002 1.003	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 1.36% 0.371 2.0% 1.124 2.0% 1.124 2.0% 1.124 2.0% 1.33% 0.014 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.141 1.5% 1.15% 1.15%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 143% 1.175 1.5% 1.53% 1.175 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5% 1.5	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394 1.5% 145% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 145% 0.016 1.0%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 146% 0.016 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 148% 0.016 1.0%	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 156% 0.424 1.0% 1.260 1.0% 1.260 1.0% 1.260 1.0% 1.49% 0.016
(1) (1) (1) (1) (1) (1) (1) (2) (2) (2)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) ) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  ) Forecast sub-regional growth rate of MSW - per year (%) ) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year ) Forecast regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Arisings of C&I using regional growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth rate of C&I - cumulative (%)  Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using the regional growth forecasts  Arisings of D&I of C&I using sub-regional growth forecasts arisings of hazardous waste in baseline year ) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of hazardous waste in baseline year ) Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste in baseline year ) Forecast sub-regional growth prowth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste in baseline year ) Forecast sub-regional growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5%	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 123% 0.945 2.5% 123% 0.945 2.5% 123% 0.945 2.5%	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.012	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 118% 0.013	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 123% 133% 1.018 2.5% 133% 1.25% 133% 1.25% 121% 0.013	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 136% 1.038 2.0% 1.038 2.0%	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 138% 1.059 2.0% 1388 1.059 2.0% 1388 1.059 2.0%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 141% 1.080 2.0% 1419 1.080 2.0% 128% 0.015	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 144% 1.102 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 134% 1.102 2.0% 1.103 1.10	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 1.141 1.5% 149% 1.141 1.5% 135% 0.014	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 141% 0.382 1.5% 151% 1.5% 151% 1.5% 151% 1.5% 1.5%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 153% 1.175 1.5% 139% 0.015	-1.658  24.596 24.116  0.000  2019  1.5% 145% 0.394  1.5% 156% 1.193 1.5% 145% 145% 156% 1.193 1.5% 141% 0.015	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 148% 1.210 1.5% 1444% 0.015 1.5%	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 0.406 1.0% 160% 1.223 1.0% 160% 1.223 1.0%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.235 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0%	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.260 1.0%
(1) (1) (1) (1) (1) (1) (2) (2) (2)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' notfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year   Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth profit for MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of Pacardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecas	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109% 0.012	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5% 112% 0.012	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 0.969 2.5% 0.969 2.5% 15% 0.012 2.5% 0.012	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 1.29% 0.350 2.0% 1.38% 1.059 2.0% 1.059 2.0% 1.059 2.0% 1.059	25.189 24.991 0.000 2013 2.0% 1311% 0.357 2.0% 141% 1.080 2.0% 1418 1.080 2.0% 1418 0.014 2.0%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133% 0.014	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.141 1.5% 0.014 1.5% 0.014	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158	-0.837 24.887 24.259 0.000 2018 1.5% 143% 0.388 1.5% 143% 1.5% 153% 1.175 1.5% 1.39% 0.015	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 145% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 1.0% 160% 1.223 1.0% 1.223 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 146% 0.016	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 1.0% 163% 1.247 1.0% 148% 0.016	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.260 1.0%
(1) (1) (1) (1) (1) (1) (1) (2) (2) (2)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSV - per year (%) ) Forecast regional level growth rate of MSV - per year (%) ) Forecast sub-regional growth of MSW - per year (%) ) Forecast sub-regional growth rate of MSV - curulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - per year (%) ) Forecast sub-regional level growth rate of C&I - curulative (%)  Total arisings of C&I using regional growth forecasts  Arisings of C&I using regional growth rate of C&I - curulative (%)  Total arisings of C&I using regional growth forecasts  Arisings of C&I using regional growth rate of C&I - curulative (%)  Total arisings of C&I using the regional growth forecasts  Arisings of ABSW using sub-regional growth forecasts  Arisings of ABSW using regional growth rate of C&I - curulative (%)  Total arisings of C&I using the regional growth forecasts  Arisings of ABSW using sub-regional growth forecasts  Total arisings of hazardous waste in baseline year ) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - curulative (%)  Total arisings of hazardous waste  Total arisings of hazardous waste  Total arisings of hazardous waste	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109% 0.012 0.010	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.010 0.000	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 126% 0.969 2.5% 115% 0.012 2.5% 115% 0.012	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 118% 0.993 2.5% 118% 0.013 0.013 0.0%	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 124% 0.336 2.5% 133% 1.018 2.5% 133% 1.21% 0.013 2.5% 121% 0.013 2.5% 121%	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 1.36% 1.038 2.0% 136% 1.038 2.0% 123% 0.133 2.0% 1.23% 0.133 0.0%	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 1.29% 0.350 2.0% 1.38% 1.059 1.059 1.26% 0.013 2.0% 1.26% 0.013 2.0% 1.26%	25.189 24.991 0.000 2013 2.0% 131% 0.357 2.0% 131% 0.357 2.0% 141% 1.080 141% 1.080 141% 1.080 128% 0.014 2.0% 128%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 134% 0.364 1.102 2.0% 1.44% 1.102 2.0% 1.44% 1.102 1.20% 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34% 0.364 1.34%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014 2.0%	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 1.377 1.5% 149% 1.141 1.5% 149% 1.15% 1.5% 1.5% 1.5% 1.5% 1.5%	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5%	-0.837 24.687 24.259 0.000 2018 1.5% 143% 0.388 1.5% 153% 1.75 1.5% 139% 0.015 1.5% 139% 0.015 0.015	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 156% 1.193 1.5% 156% 1.193 1.5% 141% 0.015 0.015	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 0.400 1.5% 158% 1.210 1.5% 144% 0.015 1.5% 1444% 0.015	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 161% 1.236 1.0% 161% 1.236 1.0%	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 163% 1.247 1.0% 164% 1.247 1.0% 164% 1.247 1.0% 165% 1.247 1.0% 168% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.247 1.0% 1.248% 0.016 0.0%	24.183 23.435 0.000 2024 1.5% 156% 0.424 1.5% 164% 1.260 1.0% 1.260 1.0% 1.260 1.0%
01: AP (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'  Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' notfill Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year   Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth profit for MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of C&I - per year (%)   Forecast sub-regional level growth rate of Pacardous waste - per year (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecast sub-regional level growth rate of hazardous waste - cumulative (%)   Forecas	3.0% 109% 0.297 3.0% 109% 0.297 3.3% 117% 0.900 3.3% 117% 0.900 3.3% 107% 0.011	10.500 26.051 26.051 0.000 2006 2.5% 112% 0.304 2.5% 112% 0.304 2.5% 120% 0.922 2.5% 120% 0.922 2.5% 109% 0.012 2.5% 109% 0.012	9.447 25.919 25.896 0.000 2007 2.5% 115% 0.312 2.5% 123% 0.945 2.5% 123% 0.945 2.5% 112% 0.012 2.5% 112% 0.012	8.408 25.789 25.743 0.000 2008 2.5% 118% 0.320 2.5% 118% 0.320 2.5% 126% 0.969 2.5% 0.969 2.5% 0.012 2.5% 115% 0.012	7.382 25.663 25.590 0.000 2009 2.5% 121% 0.328 2.5% 130% 0.993 2.5% 130% 0.993 2.5% 118% 0.013	25.539 25.439 0.000 2010 2.5% 124% 0.336 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018 2.5% 1.018	25.418 25.289 0.000 2011 2.0% 126% 0.343 2.0% 126% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038 2.0% 1.038	25.301 25.140 0.000 2012 2.0% 129% 0.350 2.0% 1.29% 0.350 2.0% 1.38% 1.059 2.0% 1.059 2.0% 1.059 2.0% 1.059	25.189 24.991 0.000 2013 2.0% 1311% 0.357 2.0% 141% 1.080 2.0% 1418 1.080 2.0% 1418 0.014 2.0%	2.585 25.081 24.843 0.000 2014 2.0% 134% 0.364 2.0% 144% 1.102 2.0% 144% 1.102 2.0% 131% 0.014 2.0%	1.703 24.977 24.695 0.000 2015 2.0% 136% 0.371 2.0% 136% 0.371 2.0% 147% 1.124 2.0% 133% 0.014 2.0% 133% 0.014	24.878 24.549 0.000 2016 1.5% 139% 0.377 1.5% 139% 0.377 1.5% 149% 1.141 1.5% 1.141 1.5% 0.014 1.5% 0.014	24.781 24.403 0.000 2017 1.5% 141% 0.382 1.5% 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158 1.5% 1.158	-0.837 24.887 24.259 0.000 2018 1.5% 143% 0.388 1.5% 143% 1.5% 153% 1.175 1.5% 1.39% 0.015	-1.658 24.596 24.116 0.000 2019 1.5% 145% 0.394 1.5% 145% 1.193 1.5% 1.193 1.5% 1.193 1.5% 1.193	-2.467 24.508 23.975 0.000 2020 1.5% 147% 0.400 1.5% 147% 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210 1.5% 1.210	-3.263 24.422 23.835 0.000 2021 1.5% 149% 0.406 1.5% 149% 1.0% 160% 1.223 1.0% 1.223 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0%	-4.052 24.340 23.698 0.000 2022 1.5% 151% 0.412 1.0% 161% 1.235 1.0% 146% 0.016	-4.835 24.260 23.564 0.000 2023 1.5% 154% 0.418 1.5% 154% 1.0% 163% 1.247 1.0% 148% 0.016	24.183 23.435 0.000 2024 1.5% 0.424 1.5% 156% 0.424 1.0% 164% 1.260 1.0% 1.260 1.0% 1.260 1.0%

2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

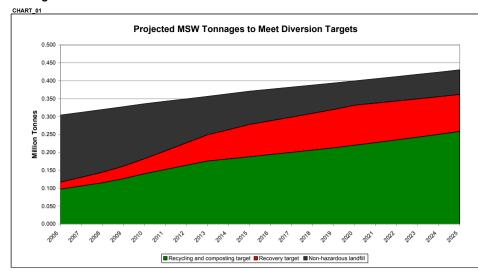
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

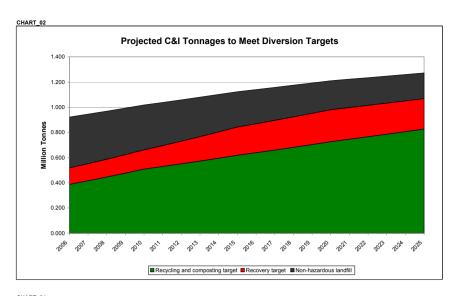
DATA_02: INT	ER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%	16.8%
(1)	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.296	0.288	0.281	0.274	0.266	0.259	0.244	0.230	0.215	0.201	0.186	0.179	0.171	0.163	0.156	0.148	0.144	0.141	0.138	0.134	0.131
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.053	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.035	0.034	0.033
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
_	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
_	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098

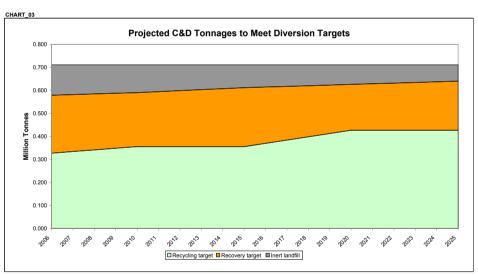
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloadable from http://www.southeast-ra.gov.uk/southeastplan/plan/march\_2006/core\_document/009\_seera\_s
Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seorrate waste streams of MSW and C&I was solit according to formace arisings of MSW and C&I waste.

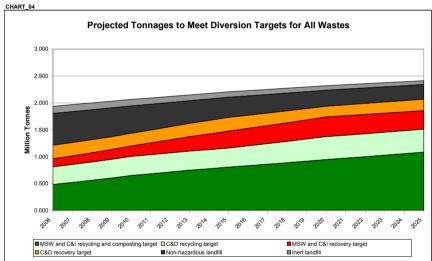
	ANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
msw msw - impor	s from london that are sent direct to non-hazardous landfill	0.297 0.073	0.304 0.072	0.312 0.070	0.320 0.068	0.328 0.066	0.336 0.064	0.343 0.061	0.350 0.057	0.357 0.053	0.364 0.050	0.371 0.046	0.377 0.044	0.382 0.042	0.388 0.041	0.394 0.039	0.400 0.037	0.406 0.036	0.412 0.035	0.418 0.035	0.424	0.431 0.033
c&i	Tribinion that are sont another normalizations talking	0.900	0.922	0.945	0.969	0.993	1.018	1.038	1.059	1.080	1.102	1.124	1.141	1.158	1.175	1.193	1.210	1.223	1.235	1.247	1.260	1.272
	from london that are sent direct to non-hazardous landfill	0.222	0.217	0.211	0.206	0.200	0.194	0.184	0.173	0.162	0.151	0.140	0.134	0.129	0.123	0.117	0.111	0.108	0.106	0.103	0.101	0.098
c&d		0.711 0.011	0.711	0.711	0.711	0.711	0.711	0.711	0.711 0.013	0.711 0.014	0.711 0.014	0.711 0.014	0.711 0.014	0.711	0.711	0.711 0.015	0.711	0.711	0.711 0.016	0.711	0.711	0.711
azardous		0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016
DATA_04: T	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ISW (	landfill (Mt)	0.137	0.133	0.128	0.121	0.112	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.048
	recovered (%)	5	6.4	7.8	9.2	10.6	12 40	14.4	16.8 44.0	19.2	21.6	24 50	24.8	25.6	26.4	27.2	28 55	27.2	26.4	25.6	24.8	24 60
d	recycled and composted (%) recovered (%)	30 14	32.0 14.2	34.0 14.4	36.0 14.6	38.0 14.8	15	42.0 16.0	17.0	46.0 18.0	48.0 19.0	20	51.0 20.2	52.0 20.4	53.0 20.6	54.0 20.8	21	56.0 20.6	57.0 20.2	58.0 19.8	59.0 19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
ardous	landfill (%)	N/A N/A																				
	recovered (%) recycled (%)	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A	N/A							
	Toyald (10)	1071	1477	1477	1671	1071	1071	1471	1671	14//	14// 1	1671	1471	1477	14071	1071	1471	1471	1471	1471	14//1	147
(	ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
		0005	0000	0007	0000	0000	0040	0044	0040	0040	0044	2015	0040	0047	0040	0040	0000	2004	0000	0000	0004	0000
A_05: V	ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
sw	T. I. NOW.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
N	Total MSW to be recovered and recycled/composted to meet target  Total MSW not-diverted by targets	0.104 0.193	0.117 0.188	0.130 0.182	0.145 0.175	0.159 0.169	0.175 0.161	0.193 0.149	0.213 0.137	0.233	0.253 0.111	0.275 0.096	0.285 0.091	0.297 0.086	0.308	0.320	0.332	0.338	0.343 0.068	0.349 0.069	0.356	0.362
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.131	0.128	0.124	0.119	0.115	0.110	0.102	0.093	0.084	0.075	0.066	0.062	0.058	0.054	0.050	0.046	0.046	0.046	0.047	0.047	0.047
	LATS shortfall (how much extra is landfilled above LATS target)	-0.005	-0.006	-0.004	-0.002	0.002	0.008	0.011	0.014	0.016	0.010	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.00
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	299
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.002	0.006	0.008	0.010	0.012	0.007	0.002	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	The section below in DATA_03 shows the tonnages by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250	0.258
	Recovery target	0.015	0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	0.105	0.103
	Non-hazardous landfill	0.193	0.188	0.182	0.175	0.166	0.154	0.139	0.123	0.108	0.100	0.093	0.088	0.084	0.079	0.074	0.068	0.068	0.068	0.069	0.069	0.069
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling and composting target	0.360	0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	0.806	0.827
	Recovery target	0.126	0.131	0.136	0.141	0.147	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244	0.242
	Non-hazardous landfill	0.414	0.404	0.393	0.382	0.369	0.356	0.343	0.328	0.313	0.297	0.281	0.271	0.262	0.251	0.241	0.230	0.225	0.220	0.215	0.209	0.204
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	Recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.427
	Recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211	0.213
	Inert landfill	0.135	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.080	0.077	0.074	0.071
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
rdous	Hazardous waste	2005 0.011	2006 0.012	2007 0.012	2008	2009 0.013	2010 0.013	2011 0.013	2012 0.013	2013 0.014	2014 0.014	2015 0.014	2016 0.014	2017 0.015	2018 0.015	2019 0.015	2020 0.015	2021 0.016	2022 0.016	2023 0.016	2024 0.016	2025
A_06: T	DTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	1.08
	MSW and C&I recycling and composting target C&D recycling target	0.449 0.320	0.485 0.327	0.522 0.334	0.561 0.341	0.603 0.348	0.649 0.356	0.682 0.356	0.714 0.356	0.748 0.356	0.776 0.356	0.806 0.356	0.833 0.370	0.860 0.384	0.888	0.916 0.412	0.946 0.427	0.973 0.427	1.000 0.427	1.028 0.427	1.056 0.427	0.427
	MSW and C&I recovery target	0.320	0.150	0.334	0.171	0.182	0.330	0.330	0.243	0.268	0.330	0.336	0.370	0.335	0.345	0.412	0.366	0.362	0.358	0.354	0.350	0.42
		0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.333	0.199	0.202	0.205	0.208	0.211	0.213
	C&D recovery target																					
	C&D recovery target Non-hazardous landfill	0.607	0.591	0.575	0.557	0.536	0.510	0.481	0.451	0.421	0.398	0.374	0.360	0.345	0.330	0.315	0.298	0.293	0.288	0.283	0.278	
																						0.272 0.071 0.016

## Buckinghamshire

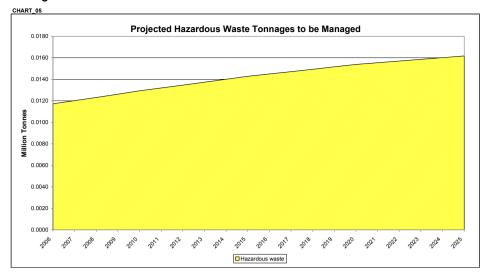








## Buckinghamshire



#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Total existing/planned MSW and C&I recovery capacity	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Total MSW waste required to meet target	0.015	0.019	0.024	0.029	0.035	0.042	0.052	0.063	0.073	0.082	0.090	0.094	0.098	0.103	0.107	0.112	0.110	0.109	0.107	0.105	0.103
Total C&I waste required to meet target	0.126	0.131	0.136	0.141	0.147	0.153	0.166	0.180	0.194	0.209	0.225	0.230	0.236	0.242	0.248	0.254	0.252	0.249	0.247	0.244	0.242
Surplus/deficit capacity	-0.048	-0.057	-0.067	-0.078	-0.089	-0.102	-0.125	-0.149	-0.175	-0.198	-0.222	-0.231	-0.241	-0.252	-0.262	-0.273	-0.269	-0.265	-0.261	-0.256	-0.252
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167
MSW and C&I transfer	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387	0.387
Total existing/planned MSW and C&I composting capacity	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239	0.239
Total MSW waste required to meet recycling and composting target	0.089	0.097	0.106	0.115	0.126	0.140	0.152	0.164	0.176	0.182	0.188	0.194	0.200	0.206	0.213	0.220	0.227	0.235	0.242	0.250	0.258
Total C&I waste required to meet recycling and composting target	0.360	0.387	0.416	0.446	0.477	0.509	0.529	0.551	0.572	0.595	0.618	0.639	0.660	0.681	0.704	0.726	0.746	0.766	0.786	0.806	0.827
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.151	-0.187	-0.224	-0.263	-0.305	-0.352	-0.384	-0.417	-0.451	-0.479	-0.508	-0.535	-0.562	-0.590	-0.619	-0.649	-0.676	-0.703	-0.731	-0.759	-0.788
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.209	-0.245	-0.282	-0.321	-0.363	-0.410	-0.442	-0.475	-0.509	-0.537	-0.566	-0.593	-0.620	-0.648	-0.677	-0.707	-0.734	-0.761	-0.789	-0.817	-0.846
C&D recycling																					
(3) Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.320	0.327	0.334	0.341	0.348	0.356	0.356	0.356	0.356	0.356	0.356	0.370	0.384	0.398	0.412	0.427	0.427	0.427	0.427	0.427	0.427
Surplus/deficit capacity	-0.320	-0.327	-0.334	-0.341	-0.348	-0.356	-0.356	-0.356	-0.356	-0.356	-0.356	-0.370	-0.384	-0.398	-0.412	-0.427	-0.427	-0.427	-0.427	-0.427	-0.427
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.256	0.252	0.247	0.243	0.239	0.235	0.239	0.243	0.247	0.252	0.256	0.245	0.233	0.222	0.211	0.199	0.202	0.205	0.208	0.211	0.213
Surplus/deficit capacity	1.621	1.542	1.463	1.384	1.305	1.225	1.200	1.175	1.150	1.125	1.100	1.080	1.060	1.040	1.020	1.000	1.018	1.036	1.054	1.072	1.090
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		10.500	9.515	8.547	7.599	6.672	5.770	4.907	4.083	3.299	2.548	1.831	1.131	0.447	-0.220	-0.869	-1.499	-2.125	-2.747	-3.365	-3.979
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		10.500	9.492	8.501	7.527	6.572	5.641	4.745	3.885	3.061	2.266	1.502	0.753	0.019	-0.699	-1.402	-2.087	-2.768	-3.443	-4.114	-4.780
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		10.500	9.426	8.364	7.315	6.280	5.264	4.272	3.305	2.363	1.440	0.537	-0.355	-1.236	-2.106	-2.965	-3.811	-4.651	-5.484	-6.311	-7.131
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		10.500	9.497	8.510	7.541	6.592	5.667	4.778	3.925	3.108	2.323	1.568	0.829	0.105	-0.603	-1.295	-1.969	-2.639	-3.304	-3.964	-4.620
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		10.500	9.447	8.408	7.382	6.373	5.384	4.422	3.489	2.585	1.703	0.844	-0.002	-0.837	-1.658	-2.467	-3.263	-4.052	-4.835	-5.612	-6.383
Total MSW and C&I waste sent direct to non-hazardous landfill		0.591	0.575	0.557	0.536	0.510	0.481	0.451	0.421	0.398	0.374	0.360	0.345	0.330	0.315	0.298	0.293	0.288	0.283	0.278	0.272
Inert landfill																					
Available inert landfill capacity		26.051	25.919	25.789	25.663	25.539	25.418	25.301	25.189	25.081	24.977	24.878	24.781	24.687	24.596	24.508	24.422	24.340	24.260	24.183	24.109
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		26.051	25.896	25.743	25.590	25.439	25.289	25.140	24.991	24.843	24.695	24.549	24.403	24.259	24.116	23.975	23.835	23.698	23.564	23.435	23.308
Total C&D waste sent direct to inert landfill	0.135	0.132	0.129	0.127	0.124	0.121	0.117	0.112	0.108	0.104	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.080	0.077	0.074	0.071
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	1	I A/V	V/A N	I/A N	/A N	/A N	I/A N	I/A N	/A N	VA N	/A N	I/A N	I/A N	I/A N	I/A N	I/A N	/A				
Other																					
Metal/ELV facility	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
Ignored	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity

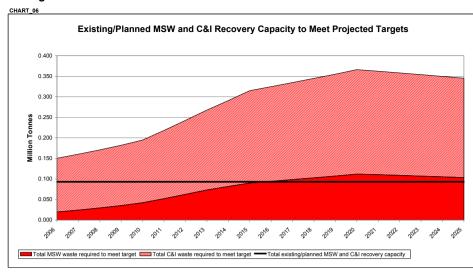
<sup>(1)</sup> EXM has assumed that \$5' or the dual translet capacity will believe recycling capacity (2) EXM has assumed that \$5' or the total translet capacity will deliver recycling capacity (3) EXM has assumed that \$5' or the total translet capacity will deliver recycling capacity (3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by EXM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

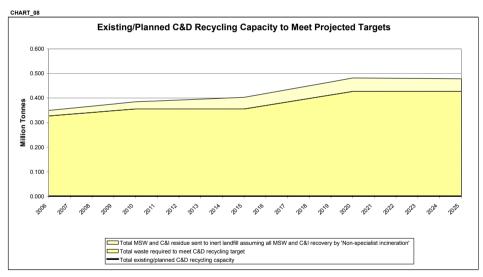
## Buckinghamshire

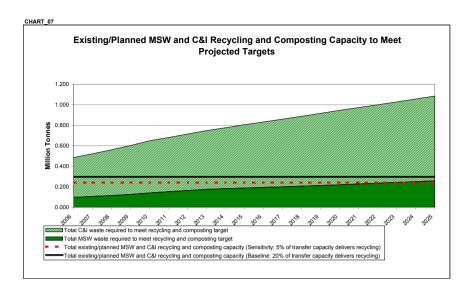
08: RESIDUE RATES (%)  Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incline alion (non-specialist) - ny astr	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
	12		12	12		12		12	12		12		12	12					12	12
MSW and C&I to RDF		12			12		12			12		12			12	12	12	12		
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																				
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																				
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
lanored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
giorea		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	IN/A	IN/A	IN/A	IN/A	IN/A	N/A	IN/A	IN/A	N/A	N/A	N/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its cal	lculations beca	use these	are not relev	ant to the m	anagement	of MSW, C	&I and C&D	. These dat	a are include	ed for the p	urposes of o	ompletenes	SS.							
TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):																				
MSW and C&I incineration (non-specialist) - bottom ash	0.042	0.045	0.048	0.051	0.055	0.058	0.065	0.073	0.080	0.087	0.094	0.097	0.100	0.103	0.107	0.110	0.109	0.107	0.106	0.105
MSW and C&I incineration (non-specialist) - fly ash	0.042	0.045	0.048	0.005	0.005	0.006	0.003	0.073	0.000	0.007	0.009	0.037	0.010	0.010	0.107	0.011	0.109	0.107	0.100	0.103
					0.005	0.006	0.007			0.009										
MSW and C&I to MBT	0.083	0.089	0.095	0.101				0.143	0.158		0.186	0.192	0.197	0.203	0.210	0.216	0.214	0.211	0.209	0.206
MSW and C&I to RDF	0.017	0.018	0.019	0.021	0.022	0.023	0.026	0.029	0.032	0.035	0.038	0.039	0.040	0.041	0.043	0.044	0.043	0.043	0.042	0.042
MSW and C&I treatment - non-hazardous	0.063	0.068	0.072	0.077	0.082	0.088	0.098	0.109	0.120	0.131	0.142	0.146	0.151	0.155	0.160	0.165	0.163	0.161	0.159	0.157
MSW and C&I treatment - hazardous	0.007	0.008		0.009	0.009	0.010	0.011	0.012	0.013	0.015	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.018	0.018	0.017
Hazardous waste recovery	N/A N	N/A	N/A	N/A N	/A N	I/A N	/A N	/A N/	'A N/.	A N/	A N/	A N/	A N/	A N/	A N	V/A N	/A N	1/A N	V/A N	/A
Recycling residues (of waste managed):																				
MSW and C&I recycling and composting	0.067	0.073	0.078	0.084	0.090	0.097	0.102	0.107	0.112	0.116	0.121	0.125	0.129	0.133	0.137	0.142	0.146	0.150	0.154	0.158
C&D recycling	0.032	0.033	0.033	0.034	0.035	0.036	0.036	0.036	0.036	0.036	0.036	0.037	0.038	0.040	0.041	0.043	0.043	0.043	0.043	0.043
Hazardous waste recycling					/A N			/A N/												/A
: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millio	n Tonnes)																			
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
																	LULI	2022		
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.024	0.033	0.024	0.036	0.027	0.020	0.022	0.036	0.040	0.044	0.047	0.040	0.050	0.052	0.053	0.055				0.053
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.021 0.021	0.023 0.023	0.024 0.024	0.026 0.026	0.027 0.027	0.029 0.029	0.033 0.033	0.036 0.036	0.040 0.040	0.044 0.044	0.047 0.047	0.049 0.049	0.050 0.050	0.052 0.052	0.053 0.053	0.055 0.055	0.054 0.054	0.054 0.054	0.053 0.053	0.052 0.052
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' 1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is y 'MBT' (based on total recovery capacity)										0.044				0.052	0.053	0.055	0.054 0.054	0.054 0.054	0.053	
(f) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (f) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.021	0.023	0.024	0.026	0.027	0.029	0.033	0.036	0.040		0.047	0.049	0.050				0.054	0.054	0.053 0.053	0.052
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.021	0.023	0.024	0.026	0.027	0.029 0.115	0.033 0.129	0.036	0.040	0.044	0.047	0.049	0.050	0.052	0.053	0.055 0.216	0.054 0.054 0.214	0.054 0.054 0.211	0.053 0.053 0.209	0.052
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is y 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.021	0.023	0.024	0.026	0.027	0.029	0.033	0.036	0.040	0.044	0.047	0.049	0.050	0.052	0.053	0.055	0.054 0.054	0.054 0.054	0.053 0.053	0.052
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.021 0.083 0.017	0.023 0.089 0.018	0.024 0.095 0.019	0.026 0.101 0.021	0.027 0.107 0.022	0.029 0.115 0.023	0.033 0.129 0.026	0.036 0.143 0.029	0.040 0.158 0.032	0.044 0.172 0.035	0.047 0.186 0.038	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(s) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (s) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Traatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.021 0.083 0.017 0.063	0.023 0.089 0.018 0.068	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049	0.050	0.052	0.053	0.055 0.216	0.054 0.054 0.214	0.054 0.054 0.211	0.053 0.053 0.209	0.052
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Trastment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la	0.021 0.083 0.017 0.063	0.023 0.089 0.018 0.068	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Tratment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.021 0.083 0.017 0.063 undfill. In the or	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.021 0.083 0.017 0.063	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Trantement' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on exempt sites	0.021 0.083 0.017 0.063 andfill. In the or	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (5) It was assumed that sow of the control	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 30 %	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill sent to sent	0.021 0.083 0.017 0.063 andfill. In the or	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 5 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 6 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill sent to sent	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 30 %	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072	0.026 0.101 0.021 0.077	0.027 0.107 0.022 0.082	0.029 0.115 0.023 0.088	0.033 0.129 0.026 0.098	0.036 0.143 0.029 0.109	0.040 0.158 0.032 0.120	0.044 0.172 0.035 0.131	0.047 0.186 0.038 0.142	0.049 0.192 0.039	0.050 0.197 0.040	0.052 0.203 0.041	0.053 0.210 0.043	0.055 0.216 0.044	0.054 0.054 0.214 0.043	0.054 0.054 0.211 0.043	0.053 0.053 0.209 0.042	0.052 0.206 0.042
1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill ) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat (DNNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) 1) C&D reused on landfill sites 1) C&D reused on landfill sites sent to 'non-haz landfill' ) C&D reused on landfill sites sent to 'non-haz landfill'	0.021 0.083 0.017 0.063 undfill. In the or 39 % 61 % 30 % 70 %	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072 del assumptio	0.026 0.101 0.021 0.077 ons develope	0.027 0.107 0.022 0.082 ed MEL 50%	0.029 0.115 0.023 0.088 6 was assur	0.033 0.129 0.026 0.098 ned to go to	0.036 0.143 0.029 0.109 C&D recycl	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 van to inert	0.047 0.186 0.038 0.142 andfi	0.049 0.192 0.039 0.146	0.050 0.197 0.040 0.151	0.052 0.203 0.041 0.155	0.053 0.210 0.043 0.160	0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 70 % 2005	0.023 0.089 0.018 0.068 riginal mod	0.024 0.095 0.019 0.072 del assumption	0.026 0.101 0.021 0.077 ons develope	0.027 0.107 0.022 0.082 ed MEL 50%	0.029 0.115 0.023 0.088 6 was assur	0.033 0.129 0.026 0.098 ned to go to	0.036 0.143 0.029 0.109 C&D recycl	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 van to inert	0.047 0.186 0.038 0.142 andfi	0.049 0.192 0.039 0.146	0.050 0.197 0.040 0.151	0.052 0.203 0.041 0.155	0.053 0.210 0.043 0.160	0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late 1: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total reused C&D on inert landfill  Total reused C&D on inert landfill (1) C&D reused con continuation of continuation in the landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused continuation in the landfill'	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 30 % 70 % 2005 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption  2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.066	0.027 0.107 0.022 0.082 0.082 d MEL 50% 2009 0.028 0.065	0.029 0.115 0.023 0.088 6 was assur 2010 0.027 0.064	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 van to inert	0.047 0.186 0.038 0.142 andfi	0.049 0.192 0.039 0.146	0.050 0.197 0.040 0.151	0.052 0.203 0.041 0.155	0.053 0.210 0.043 0.160	0.055 0.216 0.044 0.165	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (s) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&O REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill Total reused C&D on inert landfill	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 30 % 70 % 2005 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption  2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.066	0.027 0.107 0.022 0.082 0.082 d MEL 50% 2009 0.028 0.065	0.029 0.115 0.023 0.088 6 was assur 2010 0.027 0.064	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 tan to inert 2014 0.029	0.047 0.186 0.038 0.142 andfi	0.049 0.192 0.039 0.146	0.050 0.197 0.040 0.151 2017 0.027	0.052 0.203 0.041 0.155 2018 0.026	0.053 0.210 0.043 0.160 2019 0.024	0.055 0.216 0.044 0.165 2020 0.023	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reuse are shased on original model assumptions developed MEL NOTE: C&D reuse on inert landfill'	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 30 % 70 % 2005 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption  2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.066	0.027 0.107 0.022 0.082 0.082 d MEL 50% 2009 0.028 0.065	0.029 0.115 0.023 0.088 6 was assur 2010 0.027 0.064	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 tan to inert 2014 0.029	0.047 0.186 0.038 0.142 andfi	0.049 0.192 0.039 0.146	0.050 0.197 0.040 0.151 2017 0.027	0.052 0.203 0.041 0.155 2018 0.026	0.053 0.210 0.043 0.160 2019 0.024	0.055 0.216 0.044 0.165 2020 0.023	0.054 0.054 0.214 0.043 0.163	0.054 0.054 0.211 0.043 0.161	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused OAD on inert landfill  Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on land non-hazardous landfill is not included within the charts because it has been assumed that data is	0.021 0.083 0.017 0.063 andfill. In the or 39 % 61 % 30 % 70 % 2005 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 Jel assumption  2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.028 0.066	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065	0.029 0.115 0.023 0.088 6 was assur 2010 0.027 0.064 an enginee	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 0.120 ing, rather th	0.044 0.172 0.035 0.131 tan to inert 2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151 0.151 2017 0.027 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.216 0.044 0.165 2020 0.023 0.054	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157 2024 0.024 0.025
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill total reused C&D on inert landfill'  Total reused C&D on inert landfill (1) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.021 0.083 0.017 0.063 0.017 0.063 0.017 0.063 0.070 0.030 0.070 0.030 0.070 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.066 unted for C&	0.027 0.107 0.022 0.082 od MEL 50% 2009 0.028 0.065 D reuse as	0.029 0.115 0.023 0.088 6 was assur	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 0.120 ing, rather th	0.044 0.172 0.035 0.131 van to inert 2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.216 0.044 0.165 2020 0.023 0.054	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157 2024 0.024 0.057
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill' (ii) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (i) C&D reuse ates based on original model assumptions developed MEL NOTE: C&D reuse on land non-hazardous landfill is not included within the charts because it has been assumed that data is  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.021 0.083 0.017 0.063 0.017 0.063 0.017 0.063 0.070 0.030 0.070 0.030 0.070 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.066 unted for C&	0.027 0.107 0.022 0.082 od MEL 50% 2009 0.028 0.065 D reuse as	0.029 0.115 0.023 0.088 6 was assur	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 van to inert 2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.216 0.044 0.165 2020 0.023 0.054	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157 2024 0.024 0.057
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.021 0.083 0.017 0.063 0.017 0.063 0.017 0.063 0.070 0.030 0.070 0.030 0.070 0.030 0.070	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.066 unted for C&	0.027 0.107 0.022 0.082 od MEL 50% 2009 0.028 0.065 D reuse as	0.029 0.115 0.023 0.088 6 was assur	0.033 0.129 0.026 0.098 ned to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 C&D recycl 2012 0.028 0.066	0.040 0.158 0.032 0.120 ing, rather th	0.044 0.172 0.035 0.131 van to inert 2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151 2017 0.027 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.216 0.044 0.165 2020 0.023 0.054	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159	0.052 0.206 0.042 0.157 2024 0.024 0.057
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' ) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill  1) C&D reused on landfill sites sent to 'non-haz landfill'  1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert and non-hazardous landfill in tot included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.021 0.083 0.017 0.063 0.063 0.017 0.063 0.070 0.083 0.070 0.090	0.023 0.089 0.018 0.068 riginal mod % % 2006 0.029 0.068 ch sub-regi	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 tion has acco	0.026 0.101 0.021 0.077 ons develope  2008 0.028 0.066 unted for C8	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as 2009	0.029 0.115 0.023 0.088 6 was assur  2010 0.027 0.064 an enginee	0.033 0.129 0.026 0.098 need to go to  2011 0.028 0.065 rring materia 2011 2011	0.036 0.143 0.029 0.109 C&D recycl  2012 0.028 0.066 ii.  2012 //A N/	0.040 0.158 0.032 0.120 0.120 ing, rather th  2013 0.029 0.067	0.044 0.172 0.035 0.131 lan to inert 2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi  2015 0.030 0.070  2015 A N/	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151  2017 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/	0.053 0.210 0.043 0.160 2019 0.024 0.057 2019 A N	0.055 0.216 0.044 0.165  2020 0.023 0.054  2020 N/A N 2020	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.206 0.042 0.157 2024 0.024 0.057
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lat TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' Total C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' Total reused C&D on inert landfill'  Total C&D reuse on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I residue from RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumption (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assumption (based on total recovery by 'Non-specialist incineration'	0.021 0.083 0.017 0.063 0.063 undfill. In the or 39 % 61 % 30 % 70 % 2005 0.030 0.070 supplied by eac	0.023 0.089 0.018 0.068 riginal mod % % % % % % % % % % % % %	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 ion has acco	0.026 0.101 0.021 0.077 ons develope 2008 0.028 0.086 unted for C&	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as	0.029 0.115 0.023 0.088 6 was assur 2010 0.027 0.064 an enginee	0.033 0.129 0.026 0.098 need to go to 2011 0.028 0.065	0.036 0.143 0.029 0.109 0.109 0.2012 0.028 0.066 ii.	0.040 0.158 0.032 0.120 ing, rather th  2013 0.029 0.067	0.044 0.172 0.035 0.131 tan to inert  2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi 2015 0.030 0.070	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151 2017 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060	0.053 0.210 0.043 0.160 2019 0.024 0.057	0.055 0.216 0.044 0.165  2020 0.023 0.054	0.054 0.054 0.214 0.043 0.163 0.163	0.054 0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.206 0.042 0.157 2024 0.024 0.057
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Trastment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on on-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on linert landfill (1) C&D reuse on linert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.021 0.083 0.017 0.063 0.063 0.017 0.063 0.070 0.083 0.070 0.090	0.023 0.089 0.018 0.068 riginal mod % % 2006 0.029 0.068 ch sub-regi	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 tion has acco	0.026 0.101 0.021 0.077 ons develope  2008 0.028 0.066 unted for C8	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as 2009	0.029 0.115 0.023 0.088 6 was assur  2010 0.027 0.064 an enginee	0.033 0.129 0.026 0.098 need to go to  2011 0.028 0.065 rring materia 2011 2011	0.036 0.143 0.029 0.109 C&D recycl  2012 0.028 0.066 ii.  2012 //A N/	0.040 0.158 0.032 0.120 0.120 ing, rather th  2013 0.029 0.067	0.044 0.172 0.035 0.131 lan to inert 2014 0.029 0.068	0.047 0.186 0.038 0.142 andfi  2015 0.030 0.070  2015 A N/	0.049 0.192 0.039 0.146 2016 0.028 0.066	0.050 0.197 0.040 0.151  2017 0.063	0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/	0.053 0.210 0.043 0.160 2019 0.024 0.057 2019 A N	0.055 0.216 0.044 0.165  2020 0.023 0.054  2020 N/A N 2020	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.211 0.043 0.161 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056	0.052 0.206 0.042 0.157 2024 0.024 0.057
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reuse on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I reciding sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (capacity)	0.021 0.083 0.017 0.063 0.063 0.017 0.063 0.070 0.083 0.070 0.000 0.070 0.000 0.070 0.000 0.070 0.000 0.000	0.023 0.089 0.018 0.068 0.068 riginal mod % % % 2006 0.029 0.068 ch sub-regi	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 son has acco	0.026 0.101 0.021 0.077 ons develope  2008 0.028 0.066 unted for C& 2008 0.066	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as 2009 0.005	0.029 0.115 0.023 0.088 6 was assur  2010 0.027 0.064 an enginee 2010 VA N 2010	0.033 0.129 0.026 0.098 ned to go to  2011 0.028 0.065 ring materia 2011 0.007	0.036 0.143 0.029 0.109 0.8D recycl  2012 0.028 0.066 II.  2012 //A N/	0.040 0.158 0.032 0.120 0.120 ing, rather th  2013 0.029 0.067  2013 0.008	0.044 0.172 0.035 0.131 lan to inert 2014 0.029 0.068 2014 A N/ 2014 0.009	0.047 0.186 0.038 0.142 andfi  2015 0.030 0.070  2015 A N/ 2015 0.009	0.049 0.192 0.039 0.146 2016 0.028 0.066 2016 A N/ 2016 0.010	0.050 0.197 0.040 0.151  2017 0.027 0.063  2017 A N/ 2017 0.010	0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/ 2018	0.053 0.210 0.043 0.160  2019 0.024 0.057  2019 A N  2019 0.011	0.055 0.216 0.044 0.165  2020 0.023 0.054  2020 N/A N 2020 0.011	0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 0.159 2023 0.024 0.056	0.052 0.206 0.042 0.157 2024 0.024 0.057 2024 0.010
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue from 'non-specialist incineration' is sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery landfill TOTAL RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill sont incineration' (based on total recovery py 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery py 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery cap	0.021 0.083 0.017 0.063 0.063 0.017 0.063 0.070 0.083 0.070 0.000 0.070 0.000 0.070 0.000 0.070 0.000 0.000	0.023 0.089 0.018 0.068 0.068 riginal mod % % % 2006 0.029 0.068 ch sub-regi	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 son has acco	0.026 0.101 0.021 0.077 ons develope  2008 0.028 0.066 unted for C& 2008 0.066	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as 2009 0.005	0.029 0.115 0.023 0.088 6 was assur  2010 0.027 0.064 an enginee 2010 VA N 2010	0.033 0.129 0.026 0.098 ned to go to  2011 0.028 0.065 ring materia 2011 0.007	0.036 0.143 0.029 0.109 0.8D recycl  2012 0.028 0.066 II.  2012 //A N/	0.040 0.158 0.032 0.120 0.120 ing, rather th  2013 0.029 0.067  2013 0.008	0.044 0.172 0.035 0.131 lan to inert 2014 0.029 0.068 2014 A N/ 2014 0.009	0.047 0.186 0.038 0.142 andfi  2015 0.030 0.070  2015 A N/ 2015 0.009	0.049 0.192 0.039 0.146 2016 0.028 0.066 2016 A N/ 2016 0.010	0.050 0.197 0.040 0.151  2017 0.027 0.063  2017 A N/ 2017 0.010	0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/ 2018	0.053 0.210 0.043 0.160  2019 0.024 0.057  2019 A N  2019 0.011	0.055 0.216 0.044 0.165  2020 0.023 0.054  2020 N/A N 2020 0.011	0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055	0.054 0.054 0.054 0.211 0.043 0.161 2022 0.024 0.056	0.053 0.053 0.209 0.042 0.159 0.159 2023 0.024 0.056	0.052 0.206 0.042 0.157 2024 0.024 0.057 2024 0.010
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (2) C&D reused on landfill sites sent to 'non-hazardous landfill' (3) C&D reused on landfill sites sent to 'non-hazardous landfill' (4) C&D reuse rates based on original model assumptions developed MEL (5) NOTE: C&D reuse in lent and non-hazardous landfill is not included within the charts because it has been assumed that data s (6) C&D reuse rates based on original model assumptions developed MEL (6) NOTE: C&D reuse on landfill sites sent to 'non-hazardous landfill sont included within the charts because it has been assumed that data s (7) C&D reuse rates based on original model assumptions developed MEL (7) NOTE: C&D reuse on landfill sites sent to 'non-hazardous landfill sont included within the charts because it has been assumed that data s (7) C&D reuse rates b	0.021 0.083 0.017 0.063 0.063 0.017 0.063 0.063 0.070 2005 0.030 0.070 2005 N/A N 2005 0.000	0.023 0.089 0.018 0.068 0.068 0.029 0.068 2006 0.029 0.068 2006 0.029 0.068	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 sion has acco 2007 N/A 1 2007 0.005 0.000	0.026 0.101 0.021 0.077 ons develope  2008 0.028 0.066  unted for C&  2008 0.006 0.005 0.000	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as 2009 0.005 0.000	0.029 0.115 0.023 0.088 6 was assure  2010 0.027 0.064 an enginee 2010 0.006 0.006 0.000	0.033 0.129 0.026 0.098 need to go to  2011 0.028 0.065 rring materia 2011 0.007 0.000 0.000	0.036 0.143 0.029 0.109 C&D recycl  2012 0.028 0.066 II.  2012 0.007 0.000 0.000	0.040 0.158 0.032 0.120 0.120 ing, rather th  2013 0.029 0.067  2013 0.008 0.008 0.000 0.000	0.044 0.172 0.035 0.131 an to inert 2014 0.029 0.068 2014 0.009 0.000 0.000	0.047 0.186 0.038 0.142 andfi  2015 0.030 0.070  2015 A N/ 2015 0.009 0.000 0.000	0.049 0.192 0.039 0.146 0.028 0.066 2016 0.010 0.000 0.000	0.050 0.197 0.040 0.151  2017 0.027 0.063  2017 A N/ 2017 0.010 0.000 0.000	2018 0.060 0.060 0.0155 2018 0.026 0.060 2018 0.010 0.010	0.063 0.210 0.043 0.160 0.160 2019 0.024 0.057 2019 0.011 0.000 0.000	0.055 0.216 0.044 0.165  2020 0.023 0.054  2020 0.011 0.000 0.000	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.011 0.000 0.000	0.054 0.054 0.0211 0.043 0.161 0.043 0.161 0.024 0.024 0.024 0.056 0.024 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000	0.052 0.206 0.042 0.157 2024 0.057 2024 0.057 2024 0.010 0.000 0.000
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (ii) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill (i) C&D reused on landfill sites (i) C&D reused on landfill sites sent to 'non-haz landfill' (i) C&D reused on landfill sites sent to 'non-haz landfill' (i) C&D reuse also non-hazardous landfill and landfill' (ii) C&D reuse on inert landfill' (ii) C&D reuse on inert landfill' (iii) C&D reuse on inert landfill' (iii) C&D reuse on inert landfill' (iii) C&D reuse on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that data s' :TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill' sCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' Total Insw and C&I residues sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residues sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by	0.021 0.083 0.017 0.063 0.063 0.070 0.063 0.070 0.080 0.070 0.000 0.070 0.001 0.001 0.001	0.023 0.089 0.018 0.068 0.068 0.068 0.029 0.029 0.029 0.029 0.029 0.080 0.029 0.068 0.029 0.068 0.020 0.000	0.024 0.095 0.019 0.072 del assumption 2007 0.029 0.067 sion has acco 2007 N/A 1 2007 0.005 0.000	0.026 0.101 0.021 0.077 ons develope  2008 0.028 0.066  unted for C&  2008 0.066  0.000	0.027 0.107 0.022 0.082 ed MEL 50% 2009 0.028 0.065 D reuse as 2009 0.005	0.029 0.115 0.023 0.088 6 was assure 2010 0.027 0.064 an enginee 2010 VA N 2010 0.006	0.033 0.129 0.026 0.098 ned to go to  2011 0.028 0.065 ring materia 2011 0.007	0.036 0.143 0.029 0.109 C&D recycl  2012 0.028 0.066 II.  2012 0.007 0.000	0.040 0.158 0.032 0.120 0.120 ing, rather th  2013 0.029 0.067  2013 A N/ 2013 0.008 0.000	0.044 0.172 0.035 0.131 tan to inert 2014 0.029 0.068 2014 A N/ 2014 0.009 0.009	0.047 0.186 0.038 0.142 andfi  2015 0.030 0.070  2015 A N/ 2015 0.009 0.000	0.049 0.192 0.039 0.146 0.028 0.066 2016 A N/ 2016	0.050 0.197 0.040 0.151  2017 0.027 0.063  2017 A N/ 2017 0.010 0.000	0.052 0.203 0.041 0.155 2018 0.026 0.060 2018 A N/ 2018 0.010 0.000	0.053 0.210 0.043 0.160 2019 0.024 0.057 2019 A N 2019 0.011 0.000	0.055 0.216 0.044 0.165  2020 0.023 0.054  2020 0.011 0.000	0.054 0.054 0.054 0.214 0.043 0.163 0.163 2021 0.024 0.055 2021 0.011 0.011	0.054 0.054 0.211 0.043 0.161 0.024 0.024 0.024 0.056 2022 0.024 0.056	0.053 0.053 0.053 0.209 0.042 0.159 2023 0.024 0.056 2023 0.011 0.000	0.052 0.206 0.042 0.157 2024 0.057 2024 0.057 2024 0.010 0.000

NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.

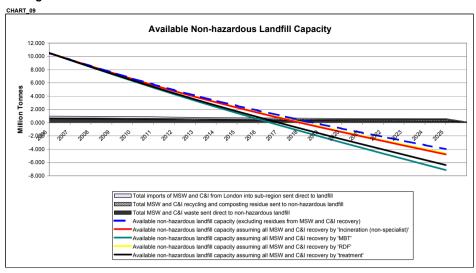
## Buckinghamshire



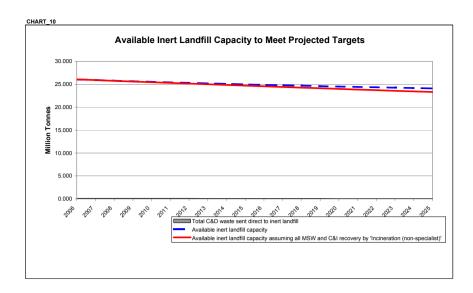




## Buckinghamshire







#### SUMMARY DATA AND RESULTS FOR EAST SUSSEX

	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	rom london that are sent direct to non-hazardous landfill		0.419 0.073	0.429 0.071	0.440 0.069	0.451 0.067	0.462 0.065	0.472 0.061	0.481 0.058	0.491 0.054	0.500 0.051	0.510 0.047	0.518 0.045	0.526 0.043	0.534 0.041	0.542 0.039	0.550 0.037	0.558 0.036	0.567 0.036	0.575 0.035	0.584 0.034
d .l = imnorts fr	om london that are sent direct to non-hazardous landfill		0.414 0.072	0.424 0.070	0.435 0.068	0.445 0.066	0.457 0.064	0.466 0.061	0.475 0.057	0.485 0.054	0.494 0.050	0.504 0.046	0.512 0.044	0.519 0.042	0.527 0.041	0.535	0.543 0.037	0.548 0.036	0.554 0.035	0.559 0.034	0.565
kd	An Artist and are sort direct to not industries and in		0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370
zardous			0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033
	AM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	ATS shortfall (how much extra is landfilled above LATS target)		0.054	0.052	0.050	0.049	0.049	0.049	0.049	0.048	0.038	0.028	0.026	0.024	0.021	0.019	0.016	0.016	0.016	0.017	0.017
	Recycling and composting target Recovery target		0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297 0.148	0.305	0.313	0.323	0.334	0.345	0.356
	Non-hazardous landfill		0.204	0.198	0.191	0.183	0.173	0.156	0.140	0.123	0.114	0.105	0.099	0.094	0.089	0.083	0.077	0.078	0.078	0.078	0.078
	Recycling and composting target	-	0.174	0.187	0.200	0.214	0.228	0.238	0.247	0.257	0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362
	Recovery target		0.059	0.061	0.063	0.066	0.068	0.075	0.081	0.087	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110
	Non-hazardous landfill Recycling target		0.181	0.176	0.171	0.166 0.181	0.160 0.185	0.154	0.147	0.141	0.133	0.126	0.122	0.117	0.113	0.108	0.103	0.101	0.099	0.096	0.094
	Recovery target		0.170	0.174	0.176	0.101	0.100	0.105	0.100	0.105	0.100	0.165	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222
	nert landfill		0.069	0.067	0.066	0.064	0.063	0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038
	Hazardous waste		0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033
	vote: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m INNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS				2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	recovery Total existing/planned MSW and C&I recovery capacity Sumbs/deficit capacity		0.256 0.161	0.256 0.152	0.256 0.142	0.256 0.131	0.256 0.120	0.256 0.101	0.256 0.081	0.256 0.060	0.256 0.042	0.256 0.023	0.256 0.015	0.256 0.007	0.256 -0.001	0.256	0.256 -0.018	0.256 -0.014	0.256 -0.011	0.256 -0.007	0.256
	recycling and composting		0.101	0.702	U. 172	0.101	5.120	5.101	0.001	0.000	0.042	0.020	0.010	5.501	0.001	0.000	0.010	5.517	0.011	0.001	0.004
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.042 -0.252	-0.064 -0.274	-0.087 -0.298	-0.113 -0.323	-0.140 -0.351	-0.161 -0.372	-0.183 -0.394	-0.206 -0.416	-0.223 -0.433	-0.241 -0.451	-0.258 -0.468	-0.275 -0.485	-0.292 -0.503	-0.310 -0.521	-0.328 -0.539	-0.347 -0.558	-0.367 -0.577	-0.387 -0.597	-0.407 -0.618
recycling	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.252	-0.274	-0.296	-0.323	-0.351	-0.372	-0.394	-0.410	-0.433	-0.451	-0.400	-0.400	-0.503	-0.521	-0.539	-0.556	-0.577	-0.597	-0.010
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		0.000 -0.170	0.000 -0.174	0.000 -0.178	0.000 -0.181	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.185	0.000 -0.192	0.000 -0.200	0.000 -0.207	0.000 -0.215	0.000 -0.222	0.000 -0.222	0.000 -0.222	0.000 -0.222	0.000 -0.222
recovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1 439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1 199	1 220	1 241	1 262	1 283
	Surplus/deficit capacity		1.663	1.582	1.500	1 419	1.338	1.315	1.292	1.269	1.246	1.223	1.197	1.172	1.147	1.121	1.096	1.115	1.135	1.154	1.173
	te recycling		1.000	1.002	1.000		1.000	1.010	1.202	1.200	1.210	1.220	1.101	1.112	1.1.11	1.121	1.000	1.110	1.100	1.101	
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A										
	te recovery Fotal existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A										
-hazardou																					
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.825	0.226	-0.363	-0.940	-1.503	-2.051	-2.573	-3.067	-3.534	-3.980	-4.405	-4.820	-5.225	-5.619	-6.002	-6.375	-6.747	-7.117	-7.487
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"		0.825 0.825	0.211 0.170	-0.393 -0.480	-0.987 -1.124	-1.568 -1.761	-2.137 -2.389	-2.682 -3.002	-3.203 -3.600	-3.699 -4.182	-4.177 -4.754	-4.637 -5.316	-5.088 -5.873	-5.530 -6.424	-5.962 -6.970	-6.386 -7.510	-6.799 -8.044	-7.211 -8.575	-7.622 -9.103	-8.031 -9.628
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.825	0.170	-0.387	-0.977	-1.555	-2.120	-2.660	-3.176	-3.666	-4.138	-4.591	-5.034	-5.469	-5.894	-6.309	-6.714	-7.119	-7.521	-7.922
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.825	0.183	-0.452	-1.080	-1.700	-2.309	-2.900	-3.473	-4.028	-4.571	-5.100	-5.623	-6.140	-6.649	-7.152	-7.648	-8.141	-8.632	-9.120
t landfill		-																			
	Available inert landfill capacity		0.000	-0.069	-0.136	-0.202	-0.266	-0.329	-0.390	-0.448	-0.505	-0.559	-0.611	-0.661	-0.710	-0.757	-0.803	-0.847	-0.890	-0.932	-0.972
ardous lan	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.083	-0.166	-0.249	-0.332	-0.415	-0.499	-0.584	-0.669	-0.756	-0.842	-0.929	-1.015	-1.100	-1.186	-1.272	-1.355	-1.436	-1.516
	Available hazardous landfill canacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
	SINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
	Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%
	Total arisings of MSW using regional growth forecasts	0.409	0.419	0.429	0.440	0.451	0.462	0.472	0.481	0.491	0.500	0.510	0.518	0.526	0.534	0.542	0.550	0.558	0.567	0.575	0.584
	Forecast sub-regional growth rate of MSW - per year (%)	2.0% 104%	2.0%	1.0%	1.0%	1.0%	1.0%	1.0%	0.5%	0.5% 113%	0.5%	0.5% 114%	0.5% 114%	0.5% 115%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
	Forecast sub-regional level growth rate of MSW - cumulative (%)  Fotal arisings of MSW using sub-regional growth forecasts	0.401	106% 0.409	107% 0.413	108% 0.417	109% 0.421	110% 0.425	112% 0.430	112% 0.432	0.434	113% 0.436	0.438	0.440	0.443	115% 0.445	116% 0.447	117% 0.449	117% 0.452	118% 0.454	118% 0.456	119% 0.458
	Arisings of C&I in baseline year	0.401	0.403	0.415	0.417	0.421	0.425	0.400	0.402	0.404	0.400	0.400	0.440	0.440	0.440	0.447	0.440	0.432	0.454	0.430	0.430
(1)	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(1)	Forecast regional level growth rate of C&I - cumulative (%)	114%	117%	119%	122%	126%	129%	131%	134%	137%	139%	142%	144%	146%	149%	151%	153%	155%	156%	158%	159%
	Total arisings of C&I using regional growth forecasts	0.404	0.414	0.424	0.435	0.445	0.457	0.466	0.475	0.485	0.494	0.504	0.512	0.519	0.527	0.535	0.543	0.548	0.554	0.559	0.565
	Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%)	103%	104%	104%	105%	106%	106%	107%	108%	109%	109%	110%	111%	112%	113%	113%	114%	115%	116%	117%	117%
	Forecast sub-regional level growth rate of C&I - cumulative (%)  Fotal arisings of C&I using sub-regional growth forecasts	0.365	0.367	0.370	0.373	0.375	0.378	0.380	0.383	0.386	0.388	0.391	0.394	0.397	0.399	0.402	0.405	0.408	0.411	0.414	0.417
	Arisings of hazardous waste in baseline year	0.000	5.55.	0.0.0	0.0.0	0.0.0	0.070	0.000	0.000	0.000	0.000	0.00	0.007	0.007	0.000	0.102	0.100	0.100	0.111	<u> </u>	0.1.1
	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
	Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%
	Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - per year (%)	0.023	0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033
	OLECASI SUD-LEGICIAL IEVEL GROWTH FATE OF HAZARGOUS WASTE - DEF VEAF (%)	0.7% 101%	0.7% 102%	0.7% 103%	0.7% 104%	0.7% 104%	0.7% 105%	0.7% 106%	0.7% 106%	0.7% 107%	0.7% 108%	0.7% 109%	0.7% 109%	0.7% 110%	0.7% 111%	0.7% 112%	0.7% 113%	0.7% 113%	0.7% 114%	0.7% 115%	0.7% 116%
(2)					0.023	0.023	0.023	0.023	0.023	0.023	0.024	0.024	0.024	0.024	0.024	0.024	0.025	0.025	0.025	0.025	0.025
(2)	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	0.022	0.022	0.023																	
(2)	Forecast sub regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste		0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.024	0.021									
(2)	orecast sub regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year Forecast regional-level growth rate of managed C&D - per year (%)	0.022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(2)	roceast sub regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year	0.022											0.0% 100% 0.370								

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

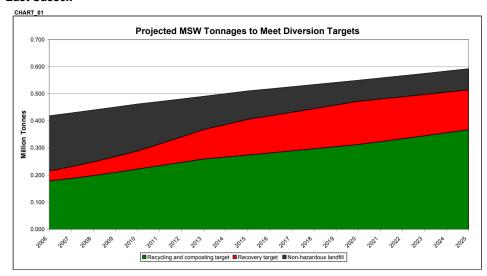
NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

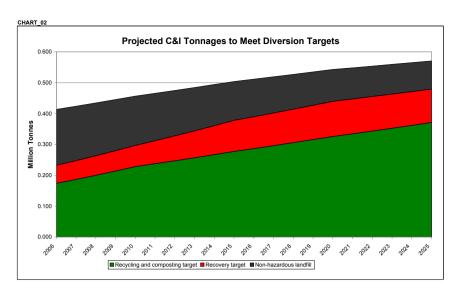
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

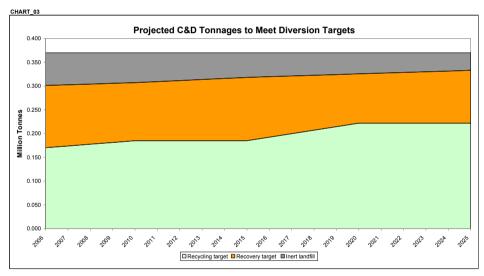
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	51%	51%	51%	51%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.074	0.073	0.071	0.069	0.067	0.065	0.061	0.058	0.054	0.051	0.047	0.045	0.043	0.041	0.039	0.037	0.036	0.036	0.035	0.034	0.033
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	52%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%	52%	52%	52%	52%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.077	0.076	0.074	0.072	0.070	0.069	0.065	0.061	0.057	0.053	0.049	0.047	0.045	0.043	0.041	0.039	0.038	0.037	0.036	0.035	0.034
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	49%	49%	49%	49%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.073	0.072	0.070	0.068	0.066	0.064	0.061	0.057	0.054	0.050	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.034	0.033	0.032
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	48%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	47%	48%	48%	48%	48%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.070	0.068	0.066	0.065	0.063	0.061	0.057	0.054	0.051	0.047	0.044	0.042	0.040	0.039	0.037	0.035	0.034	0.034	0.033	0.032	0.031

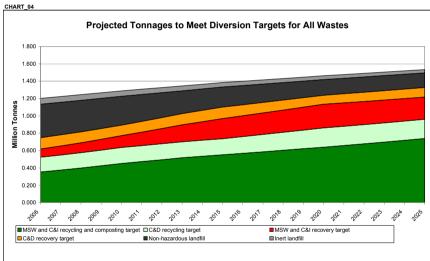
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the SEERA Plan. http://www.southeast-ra.gov.uk/southeast-ra.gov.uk/southeast-plan/march\_2006/core\_document/009\_seera\_sep\_d06.pdf
Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was solit according to tonnage arisings of MSW and C&I in the sub-region.

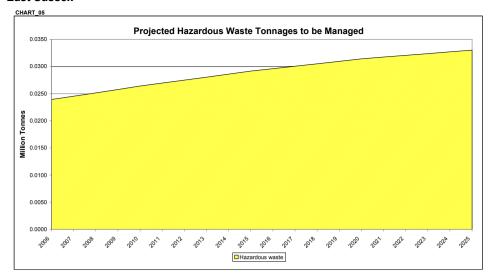
	ANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
SW import	n from landon that are cont direct to non hazardous landfill	0.409 0.074	0.419 0.073	0.429 0.071	0.440 0.069	0.451 0.067	0.462 0.065	0.472 0.061	0.481 0.058	0.491 0.054	0.500 0.051	0.510 0.047	0.518 0.045	0.526 0.043	0.534 0.041	0.542 0.039	0.550 0.037	0.558 0.036	0.567 0.036	0.575 0.035	0.584 0.034	0.59
iw - import	s from london that are sent direct to non-hazardous landfill	0.404	0.073	0.071	0.069	0.067	0.065	0.466	0.056	0.054	0.051	0.504	0.045	0.043	0.527	0.039	0.037	0.036	0.036	0.035	0.034	0.0
	from london that are sent direct to non-hazardous landfill	0.404	0.414	0.070	0.433	0.066	0.457	0.460	0.475	0.465	0.494	0.046	0.044	0.042	0.041	0.039	0.037	0.036	0.035	0.034	0.033	0.0
I	in the control of the	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.370	0.3
ardous		0.023	0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0.03
A 04. T	ARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	) landfill (Mt)	0.124	0.122	0.118	0.114	0.109	0.102	0.091	0.079	0.068	0.065	0.062	0.059	0.056	0.053	0.050	0.048	0.048	0.048	0.048	0.048	0.04
(-	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	0.0
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	
	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	
	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0 N/A	
dous	landfill (%) recovered (%)	N/A N/A	7																			
	recycled (%)	N/A	N																			
(1	) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
_05: W	ASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Total MSW to be recovered and recycled/composted to meet target	0.143	0.161	0.179	0.199	0.219	0.240	0.266	0.292	0.320	0.348	0.378	0.393	0.408	0.424	0.440	0.456	0.464	0.472	0.481	0.489	0.4
	Total MSW not-diverted by targets	0.266	0.258	0.250	0.241	0.232	0.222	0.206	0.189	0.171	0.152	0.133	0.125	0.118	0.110	0.102	0.093	0.094	0.094	0.094	0.095	0.0
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	
	Total BMW not-diverted by targets  LATS shortfall (how much extra is landfilled above LATS target)	0.181 0.057	0.175 0.054	0.170 0.052	0.164 0.050	0.158 0.049	0.151 0.049	0.140 0.049	0.128 0.049	0.116 0.048	0.103 0.038	0.090 0.028	0.085 0.026	0.080 0.024	0.075 0.021	0.069	0.064 0.016	0.064	0.064 0.016	0.064	0.064	0.0
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	2
	Extra MSW 'recovery' needed due to LATS shortfall	0.008	0.009	0.010	0.010	0.011	0.011	0.013	0.014	0.014	0.012	0.009	0.009	0.008	0.007	0.006	0.005	0.005	0.005	0.005	0.005	0.0
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.049	0.045	0.042	0.040	0.038	0.038	0.037	0.035	0.034	0.026	0.019	0.018	0.016	0.014	0.012	0.011	0.011	0.011	0.011	0.012	0.0
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
	Recycling and composting target	0.171	0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313	0.323	0.334	0.345	0.356	0.3
	Recovery target	0.029	0.036	0.043	0.051	0.059	0.067	0.080	0.094	0.108	0.120	0.132	0.137	0.142	0.148	0.154	0.159	0.157	0.155	0.152	0.150	0.1
	Non-hazardous landfill CHECK COUNTER (should be zero)	0.209 0.000	0.204	0.198 0.000	0.191 0.000	0.183	0.173 0.000	0.156 0.000	0.140 0.000	0.123	0.114	0.105	0.099	0.094	0.089	0.083	0.077	0.078	0.078	0.078	0.078	0.0
	CHECK COONTEX (Should be zeld)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
	Recycling and composting target	0.161 0.056	0.174 0.059	0.187 0.061	0.200 0.063	0.214 0.066	0.228 0.068	0.238 0.075	0.247 0.081	0.257 0.087	0.267 0.094	0.277 0.101	0.287	0.296 0.106	0.306 0.109	0.316 0.111	0.326 0.114	0.335	0.343 0.112	0.352 0.111	0.362 0.110	0.3 0.1
	Recovery target Non-hazardous landfill	0.056	0.059	0.061	0.063	0.166	0.066	0.075	0.061	0.067	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110	0.0
	NOT-RAZARDOUS RATIONIII  CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.094	0.0
	The street and the st	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
	Recycling target	0.167	0.170 0.131	0.174 0.129	0.178 0.127	0.181 0.124	0.185 0.122	0.185 0.124	0.185 0.127	0.185 0.129	0.185 0.131	0.185 0.133	0.192 0.127	0.200 0.121	0.207	0.215	0.222 0.104	0.222 0.105	0.222 0.107	0.222	0.222	0.2
	Recovery target Inert landfill	0.133 0.070	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115 0.047	0.110 0.046	0.104	0.105	0.107	0.108	0.110	0.1
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20:
dous	Hazardous waste	0.023	0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0.03
. 06: T	DTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
	MSW and C&I recycling and composting target	0.333	0.353	0.374	0.398	0.424	0.451	0.472	0.494	0.516	0.534	0.551	0.568	0.585	0.603	0.621	0.639	0.658	0.678	0.697	0.718	0.7
	C&D recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.2
	MSW and C&I recovery target	0.085	0.095	0.104	0.114	0.124	0.135	0.155	0.175	0.196	0.214	0.232	0.240	0.248	0.257	0.265	0.273	0.270	0.267	0.263	0.259	0.2
	C&D recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.1
	Non-hazardous landfill	0.394	0.385	0.375	0.362	0.348	0.333	0.310	0.287	0.263	0.247	0.231	0.221	0.211	0.201	0.191	0.181	0.178	0.176	0.174	0.172	0.1
	Inert landfill	0.070	0.069	0.067	0.066	0.064	0.063	0.061	0.058	0.056	0.054	0.052	0.050	0.049	0.047	0.046	0.044	0.043	0.041	0.040	0.038	0.03
	Hazardous waste	0.023	0.024	0.025	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.032	0.032	0.032	0.033	0









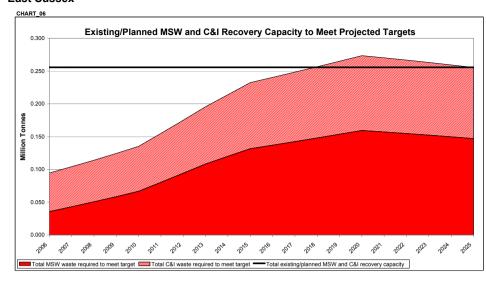


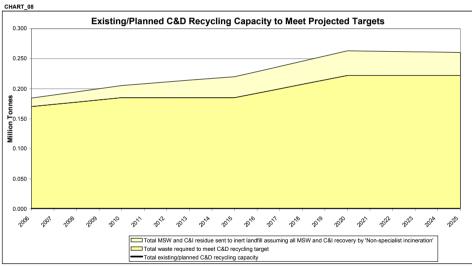
3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

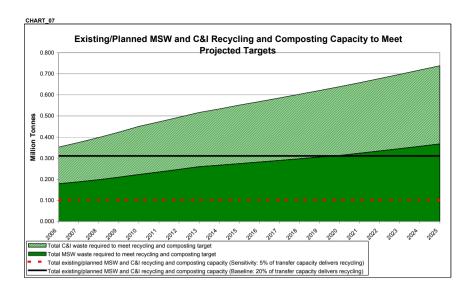
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
MSW and C&I treatment	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.255	0.25
Total existing/planned MSW and C&I recovery capacity	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.25
Total MSW waste required to meet target	0.029	0.036	0.043	0.051	0.059	0.067	0.080	0.094	0.108	0.120	0.132	0.137	0.142	0.148	0.154	0.159	0.157	0.155	0.152	0.150	0.14
Total C&I waste required to meet target	0.056	0.059	0.061	0.063	0.066	0.068	0.075	0.081	0.087	0.094	0.101	0.103	0.106	0.109	0.111	0.114	0.113	0.112	0.111	0.110	0.10
Surplus/deficit capacity	0.171	0.161	0.152	0.142	0.131	0.120	0.101	0.081	0.060	0.042	0.023	0.015	0.007	-0.001	-0.009	-0.018	-0.014	-0.011	-0.007	-0.004	0.00
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
MSW and C&I transfer	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.404	1.40
Total existing/planned MSW and C&I composting capacity	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.03
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.31
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.10
Total MSW waste required to meet recycling and composting target	0.171	0.179	0.188	0.198	0.210	0.223	0.235	0.247	0.260	0.267	0.274	0.282	0.289	0.297	0.305	0.313	0.323	0.334	0.345	0.356	0.36
Total C&I waste required to meet recycling and composting target	0.161	0.174	0.187	0.200	0.214	0.228	0.238	0.247	0.257	0.267	0.277	0.287	0.296	0.306	0.316	0.326	0.335	0.343	0.352	0.362	0.37
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.022	-0.042	-0.064	-0.087	-0.113	-0.140	-0.161	-0.183	-0.206	-0.223	-0.241	-0.258	-0.275	-0.292	-0.310	-0.328	-0.347	-0.367	-0.387	-0.407	-0.42
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.233	-0.252	-0.274	-0.298	-0.323	-0.351	-0.372	-0.394	-0.416	-0.433	-0.451	-0.468	-0.485	-0.503	-0.521	-0.539	-0.558	-0.577	-0.597	-0.618	-0.63
C&D recycling																					
(3) Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Total waste required to meet C&D recycling target	0.167	0.170	0.174	0.178	0.181	0.185	0.185	0.185	0.185	0.185	0.185	0.192	0.200	0.207	0.215	0.222	0.222	0.222	0.222	0.222	0.22
Surplus/deficit capacity	-0.167	-0.170	-0.174	-0.178	-0.181	-0.185	-0.185	-0.185	-0.185	-0.185	-0.185	-0.192	-0.200	-0.207	-0.215	-0.222	-0.222	-0.222	-0.222	-0.222	-0.22
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1,220	1.241	1.262	1.283	1.30
Sub-regional total waste required to meet C&D recovery target	0.133	0.131	0.129	0.127	0.124	0.122	0.124	0.127	0.129	0.131	0.133	0.127	0.121	0.115	0.110	0.104	0.105	0.107	0.108	0.110	0.11
Surplus/deficit capacity	1.744	1.663	1.582	1.500	1 419	1.338	1.315	1.292	1.269	1.246	1.223	1.197	1.172	1.147	1.121	1.096	1.115	1.135	1.154	1.173	1.19
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.825	0.226	-0.363	-0.940	-1.503	-2.051	-2.573	-3.067	-3.534	-3.980	-4.405	-4.820	-5.225	-5.619	-6.002	-6.375	-6.747	-7.117	-7 487	-7.85
					-0.987	-1.568	-2.137	-2.682	-3.203	-3.699	-4.177	-4.637	-5.088	-5.530	-5.962	-6.386	-6.799	-7.211	-7.622	-8.031	-8.43
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'																					
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"		0.825 0.825	0.211	-0.393 -0.480				-3 002	-3 600	-4 182	-4 754	-5.316	-5.873	-6 424	-6.970	-7.510		-8 575	-9.103	-9 628	
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.825	0.170	-0.480	-1.124	-1.761	-2.389	-3.002 -2.660	-3.600 -3.176	-4.182 -3.666	-4.754 -4.138	-5.316 -4.501	-5.873 -5.034	-6.424 -5.469	-6.970 -5.894	-7.510 -6.300	-8.044	-8.575 -7.110	-9.103 -7.521	-9.628 -7.922	-10.14
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.825 0.825	0.170 0.214	-0.480 -0.387	-1.124 -0.977	-1.761 -1.555	-2.389 -2.120	-2.660	-3.176	-3.666	-4.138	-4.591	-5.034	-5.469	-5.894	-6.309	-8.044 -6.714	-7.119	-7.521	-7.922	-10.14 -8.32
Available non-hazardous landfili capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfili capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfili capacity assuming all MSW and C&I recovery by 'treatment'		0.825 0.825 0.825	0.170 0.214 0.183	-0.480 -0.387 -0.452	-1.124 -0.977 -1.080	-1.761 -1.555 -1.700	-2.389 -2.120 -2.309	-2.660 -2.900	-3.176 -3.473	-3.666 -4.028	-4.138 -4.571	-4.591 -5.100	-5.034 -5.623	-5.469 -6.140	-5.894 -6.649	-6.309 -7.152	-8.044 -6.714 -7.648	-7.119 -8.141	-7.521 -8.632	-7.922 -9.120	-10.14 -8.32 -9.60
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill		0.825 0.825	0.170 0.214	-0.480 -0.387	-1.124 -0.977	-1.761 -1.555	-2.389 -2.120	-2.660	-3.176	-3.666	-4.138	-4.591	-5.034	-5.469	-5.894	-6.309	-8.044 -6.714	-7.119	-7.521	-7.922	-10.14 -8.32
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill		0.825 0.825 0.825 0.385	0.170 0.214 0.183 0.375	-0.480 -0.387 -0.452 0.362	-1.124 -0.977 -1.080 0.348	-1.761 -1.555 -1.700 0.333	-2.389 -2.120 -2.309 0.310	-2.660 -2.900 0.287	-3.176 -3.473 0.263	-3.666 -4.028 0.247	-4.138 -4.571 0.231	-4.591 -5.100 0.221	-5.034 -5.623 0.211	-5.469 -6.140 0.201	-5.894 -6.649 0.191	-6.309 -7.152 0.181	-8.044 -6.714 -7.648 0.178	-7.119 -8.141 0.176	-7.521 -8.632 0.174	-7.922 -9.120 0.172	-10.14 -8.32 -9.60 0.16
Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity		0.825 0.825 0.825 0.385	0.170 0.214 0.183 0.375	-0.480 -0.387 -0.452 0.362	-1.124 -0.977 -1.080 0.348	-1.761 -1.555 -1.700 0.333	-2.389 -2.120 -2.309 0.310	-2.660 -2.900 0.287	-3.176 -3.473 0.263	-3.666 -4.028 0.247	-4.138 -4.571 0.231	-4.591 -5.100 0.221 -0.611	-5.034 -5.623 0.211 -0.661	-5.469 -6.140 0.201 -0.710	-5.894 -6.649 0.191	-6.309 -7.152 0.181	-8.044 -6.714 -7.648 0.178	-7.119 -8.141 0.176	-7.521 -8.632 0.174	-7.922 -9.120 0.172 -0.972	-10.14 -8.32 -9.60 0.16
Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfil Inert landfil capacity Available inert landfil capacity Available inert landfil capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	0.070	0.825 0.825 0.825 0.385 0.000 0.000	0.170 0.214 0.183 0.375 -0.069 -0.083	-0.480 -0.387 -0.452 0.362 -0.136 -0.166	-1.124 -0.977 -1.080 0.348 -0.202 -0.249	-1.761 -1.555 -1.700 0.333 -0.266 -0.332	-2.389 -2.120 -2.309 0.310 -0.329 -0.415	-2.660 -2.900 0.287 -0.390 -0.499	-3.176 -3.473 0.263 -0.448 -0.584	-3.666 -4.028 0.247 -0.505 -0.669	-4.138 -4.571 0.231 -0.559 -0.756	-4.591 -5.100 0.221 -0.611 -0.842	-5.034 -5.623 0.211 -0.661 -0.929	-5.469 -6.140 0.201 -0.710 -1.015	-5.894 -6.649 0.191 -0.757 -1.100	-6.309 -7.152 0.181 -0.803 -1.186	-8.044 -6.714 -7.648 0.178 -0.847 -1.272	-7.119 -8.141 0.176 -0.890 -1.355	-7.521 -8.632 0.174 -0.932 -1.436	-7.922 -9.120 0.172 -0.972 -1.516	-10.14 -8.32 -9.60 0.16 -1.01 -1.59
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill	0.070	0.825 0.825 0.825 0.385	0.170 0.214 0.183 0.375	-0.480 -0.387 -0.452 0.362	-1.124 -0.977 -1.080 0.348	-1.761 -1.555 -1.700 0.333	-2.389 -2.120 -2.309 0.310	-2.660 -2.900 0.287	-3.176 -3.473 0.263	-3.666 -4.028 0.247	-4.138 -4.571 0.231	-4.591 -5.100 0.221 -0.611	-5.034 -5.623 0.211 -0.661	-5.469 -6.140 0.201 -0.710	-5.894 -6.649 0.191	-6.309 -7.152 0.181	-8.044 -6.714 -7.648 0.178	-7.119 -8.141 0.176	-7.521 -8.632 0.174	-7.922 -9.120 0.172 -0.972	-10.14 -8.32 -9.60 0.16
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Total C&D waste sent direct to inert landfill Hazardous Itandfill		0.825 0.825 0.825 0.385 0.000 0.000 0.069	0.170 0.214 0.183 0.375 -0.069 -0.083 0.067	-0.480 -0.387 -0.452 0.362 -0.136 -0.166 0.066	-1.124 -0.977 -1.080 0.348 -0.202 -0.249 0.064	-1.761 -1.555 -1.700 0.333 -0.266 -0.332 0.063	-2.389 -2.120 -2.309 0.310 -0.329 -0.415 0.061	-2.660 -2.900 0.287 -0.390 -0.499 0.058	-3.176 -3.473 0.263 -0.448 -0.584 0.056	-3.666 -4.028 0.247 -0.505 -0.669 0.054	-4.138 -4.571 0.231 -0.559 -0.756 0.052	-4.591 -5.100 0.221 -0.611 -0.842 0.050	-5.034 -5.623 0.211 -0.661 -0.929 0.049	-5.469 -6.140 0.201 -0.710 -1.015 0.047	-5.894 -6.649 0.191 -0.757 -1.100 0.046	-6.309 -7.152 0.181 -0.803 -1.186 0.044	-8.044 -6.714 -7.648 0.178 -0.847 -1.272 0.043	-7.119 -8.141 0.176 -0.890 -1.355 0.041	-7.521 -8.632 0.174 -0.932 -1.436 0.040	-7.922 -9.120 0.172 -0.972 -1.516 0.038	-10.14 -8.32 -9.60 0.16 -1.01 -1.59 0.03
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty)' Total C&D waste sent direct to inert landfill Hazardous landfill Hazardous landfill capacity	0.000	0.825 0.825 0.825 0.385 0.000 0.000 0.069	0.170 0.214 0.183 0.375 -0.069 -0.083 0.067	-0.480 -0.387 -0.452 0.362 -0.136 -0.166 0.066	-1.124 -0.977 -1.080 0.348 -0.202 -0.249 0.064	-1.761 -1.555 -1.700 0.333 -0.266 -0.332 0.063	-2.389 -2.120 -2.309 0.310 -0.329 -0.415 0.061	-2.660 -2.900 0.287 -0.390 -0.499 0.058	-3.176 -3.473 0.263 -0.448 -0.584 0.056	-3.666 -4.028 0.247 -0.505 -0.669 0.054	-4.138 -4.571 0.231 -0.559 -0.756 0.052	-4.591 -5.100 0.221 -0.611 -0.842 0.050	-5.034 -5.623 0.211 -0.661 -0.929 0.049	-5.469 -6.140 0.201 -0.710 -1.015 0.047	-5.894 -6.649 0.191 -0.757 -1.100 0.046	-6.309 -7.152 0.181 -0.803 -1.186 0.044	-8.044 -6.714 -7.648 0.178 -0.847 -1.272 0.043	-7.119 -8.141 0.176 -0.890 -1.355 0.041	-7.521 -8.632 0.174 -0.932 -1.436 0.040	-7.922 -9.120 0.172 -0.972 -1.516 0.038	-10.14 -8.32 -9.60 0.16 -1.01 -1.59 0.03
Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfil Inert landfil! Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill Available hazardous landfill Available hazardous landfill capacity Total hazardous uswate sent direct to hazardous landfill	0.000	0.825 0.825 0.825 0.385 0.000 0.000 0.069	0.170 0.214 0.183 0.375 -0.069 -0.083 0.067	-0.480 -0.387 -0.452 0.362 -0.136 -0.166 0.066	-1.124 -0.977 -1.080 0.348 -0.202 -0.249 0.064	-1.761 -1.555 -1.700 0.333 -0.266 -0.332 0.063	-2.389 -2.120 -2.309 0.310 -0.329 -0.415 0.061	-2.660 -2.900 0.287 -0.390 -0.499 0.058	-3.176 -3.473 0.263 -0.448 -0.584 0.056	-3.666 -4.028 0.247 -0.505 -0.669 0.054	-4.138 -4.571 0.231 -0.559 -0.756 0.052	-4.591 -5.100 0.221 -0.611 -0.842 0.050	-5.034 -5.623 0.211 -0.661 -0.929 0.049	-5.469 -6.140 0.201 -0.710 -1.015 0.047	-5.894 -6.649 0.191 -0.757 -1.100 0.046	-6.309 -7.152 0.181 -0.803 -1.186 0.044	-8.044 -6.714 -7.648 0.178 -0.847 -1.272 0.043	-7.119 -8.141 0.176 -0.890 -1.355 0.041	-7.521 -8.632 0.174 -0.932 -1.436 0.040	-7.922 -9.120 0.172 -0.972 -1.516 0.038	-10.14 -8.32 -9.60 0.16 -1.01 -1.59 0.03
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Total C&D waste sent direct to inert landfill Hazardous landfill Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N	0.825 0.825 0.825 0.385 0.000 0.000 0.069	0.170 0.214 0.183 0.375 -0.069 -0.083 0.067	-0.480 -0.387 -0.452 0.362 -0.136 -0.166 0.066	-1.124 -0.977 -1.080 0.348 -0.202 -0.249 0.064 0.000 /A N	-1.761 -1.555 -1.700 0.333 -0.266 -0.332 0.063	-2.389 -2.120 -2.309 0.310 -0.329 -0.415 0.061 0.000 /A N	-2.660 -2.900 0.287 -0.390 -0.499 0.058	-3.176 -3.473 0.263 -0.448 -0.584 0.056 0.000	-3.666 -4.028 0.247 -0.505 -0.669 0.054 -0.000 //A N.	-4.138 -4.571 0.231 -0.559 -0.756 0.052 0.000 /A N	-4.591 -5.100 0.221 -0.611 -0.842 0.050 0.000	-5.034 -5.623 0.211 -0.661 -0.929 0.049 0.000 /A No	-5.469 -6.140 0.201 -0.710 -1.015 0.047 0.000 A No	-5.894 -6.649 0.191 -0.757 -1.100 0.046 0.000 /A N	-6.309 -7.152 0.181 -0.803 -1.186 0.044 0.000 /A N	-8.044 -6.714 -7.648 0.178 -0.847 -1.272 0.043	-7.119 -8.141 0.176 -0.890 -1.355 0.041 0.000	-7.521 -8.632 0.174 -0.932 -1.436 0.040 0.000	-7.922 -9.120 0.172 -0.972 -1.516 0.038 0.000	-10.14' -8.32' -9.60' 0.16' -1.01' -1.59' 0.03' 0.00'
Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfil capacity assuming all MSW and C&I recovery by "treatment" Total MSW and C&I waste sent direct to non-hazardous landfil Inert landfil! Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill Hazardous Iandfill Available hazardous landfill Available hazardous andfil capacity Total hazardous waste sent direct to hazardous landfill Other Metal/ELV facility	0.000 N	0.825 0.825 0.825 0.385 0.000 0.000 0.069	0.170 0.214 0.183 0.375 -0.069 -0.083 0.067 0.000 I/A N	-0.480 -0.387 -0.452 0.362 -0.136 -0.166 0.066 0.000 /A N	-1.124 -0.977 -1.080 0.348 -0.202 -0.249 0.064 0.000 /A N	-1.761 -1.555 -1.700 0.333 -0.266 -0.332 0.063 -0.000 V/A N.	-2.389 -2.120 -2.309 0.310 -0.329 -0.415 0.061 0.000 /A N	-2.660 -2.900 0.287 -0.390 -0.499 0.058 0.000 I/A N	-3.176 -3.473 0.263 -0.448 -0.584 0.056 0.000 I/A N	-3.666 -4.028 0.247 -0.505 -0.669 0.054 -0.000 //A N.	-4.138 -4.571 0.231 -0.559 -0.756 0.052 /A N	-4.591 -5.100 0.221 -0.611 -0.842 0.050 0.000 0.000 NA N	-5.034 -5.623 0.211 -0.661 -0.929 0.049 	-5.469 -6.140 0.201 -0.710 -1.015 0.047 -0.000 A N.	-5.894 -6.649 0.191 -0.757 -1.100 0.046 /A N	-6.309 -7.152 0.181 -0.803 -1.186 0.044 0.000 /A N	-8.044 -6.714 -7.648 0.178 -0.847 -1.272 0.043 0.000 I/A N	-7.119 -8.141 0.176 -0.890 -1.355 0.041 0.000 I/A N	-7.521 -8.632 0.174 -0.932 -1.436 0.040 0.000 N/A N	-7.922 -9.120 0.172 -0.972 -1.516 0.038	-10.14 -8.32 -9.60 0.16 -1.01 -1.59 0.03 0.00 N/A
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialisty) Total C&D waste sent direct to inert landfill Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N	0.825 0.825 0.825 0.385 0.000 0.000 0.069	0.170 0.214 0.183 0.375 -0.069 -0.083 0.067	-0.480 -0.387 -0.452 0.362 -0.136 -0.166 0.066	-1.124 -0.977 -1.080 0.348 -0.202 -0.249 0.064 0.000 /A N	-1.761 -1.555 -1.700 0.333 -0.266 -0.332 0.063	-2.389 -2.120 -2.309 0.310 -0.329 -0.415 0.061 0.000 /A N	-2.660 -2.900 0.287 -0.390 -0.499 0.058	-3.176 -3.473 0.263 -0.448 -0.584 0.056 0.000	-3.666 -4.028 0.247 -0.505 -0.669 0.054 -0.000 //A N.	-4.138 -4.571 0.231 -0.559 -0.756 0.052 0.000 /A N	-4.591 -5.100 0.221 -0.611 -0.842 0.050 0.000	-5.034 -5.623 0.211 -0.661 -0.929 0.049 0.000 /A No	-5.469 -6.140 0.201 -0.710 -1.015 0.047 0.000 A No	-5.894 -6.649 0.191 -0.757 -1.100 0.046 0.000 /A N	-6.309 -7.152 0.181 -0.803 -1.186 0.044 0.000 /A N	-8.044 -6.714 -7.648 0.178 -0.847 -1.272 0.043	-7.119 -8.141 0.176 -0.890 -1.355 0.041 0.000	-7.521 -8.632 0.174 -0.932 -1.436 0.040 0.000	-7.922 -9.120 0.172 -0.972 -1.516 0.038 0.000	-10.14' -8.32' -9.60' 0.16' -1.01' -1.59' 0.03' 0.00'

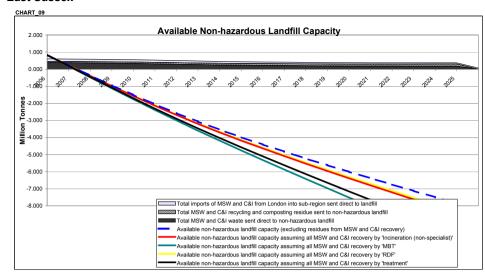
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for CAD recovery for Ind

Last Sussex																					
DATA_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)																					
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30 3	30 3	30	30 3	30	30 3	30 3	30	30	30	30 3	30	30	30 3	30	30	30	30 3
MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																					
Metal/ELV facility	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A	10 N/A
Ignored Closed	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Closed	1675	1975	1975	100	INA	INA	1073	IWA	11//	11//	1875	1075	1975	10/7	167	19/75	1975	1073	1073	14/75	IVA
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its co	alculations beca	ause these a	re not relev	ant to the m	anagement o	f MSW, C8	I and C&D.	These dat	a are includ	ed for the p	urposes of	completenes	SS.								
DATA_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (of waste managed):  MSW and C&I incineration (non-specialist) - bottom ash	0.026	0.028	0.031	0.034	0.037	0.041	0.046	0.053	0.059	0.064	0.070	0.072	0.075	0.077	0.079	0.082	0.081	0.080	0.079	0.078	0.077
MSW and C&I incineration (non-specialist) - button asin	0.020	0.028	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.004	0.070	0.072	0.073	0.007	0.079	0.002	0.008	0.000	0.079	0.078	0.008
MSW and C&I to MBT	0.050	0.056	0.061	0.067	0.073	0.080	0.091	0.103	0.115	0.126	0.137	0.142	0.147	0.151	0.156	0.161	0.159	0.157	0.155	0.153	0.151
MSW and C&I to RDF	0.010	0.011	0.012	0.014	0.015	0.016	0.019	0.021	0.023	0.026	0.028	0.029	0.030	0.031	0.032	0.033	0.032	0.032	0.032	0.031	0.031
MSW and C&I treatment - non-hazardous	0.038	0.043	0.047	0.051	0.056	0.061	0.070	0.079	0.088	0.096	0.105	0.108	0.112	0.115	0.119	0.123	0.122	0.120	0.118	0.117	0.115
MSW and C&I treatment - hazardous	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.012	0.012	0.013	0.013	0.014	0.014	0.013	0.013	0.013	0.013
Hazardous waste recovery	N/A	V/A N	/A N	I/A N	A N/A	A N/	A N//	A N	/A N/	A N	A N	/A N/.	A N	A N/	A N	A N	/A N/	A N	/A N/	A N/A	4
Recycling residues (of waste managed):  MSW and C&I recycling and composting	0.050	0.053	0.056	0.060	0.064	0.068	0.071	0.074	0.077	0.080	0.083	0.085	0.088	0.090	0.093	0.096	0.099	0.102	0.105	0.108	0.111
C&D recycling	0.030	0.033	0.030	0.000	0.004	0.008	0.019	0.019	0.019	0.019	0.003	0.003	0.020	0.030	0.093	0.022	0.033	0.102	0.022	0.108	0.022
Hazardous waste recycling				I/A N					/A N/												
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince w	ith the self-suff	iciency requi	rements of	PPS10.																	
DATA_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)																					
DATA_10. TOTAL MON AND OUR RESIDUE FROM RESI	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.067	0.070	0.074	0.077	0.082	0.086	0.089	0.093	0.096	0.099	0.101	0.104	0.108	0.111	0.115	0.118	0.121	0.124	0.127	0.130	0.133
DATA 11: TOTAL MOW AND CALDESIDIE FROM RECOVERY SENT TO MON HAZARROUGH AND CARDED OF RECYCLING (MICH.)	on Tonnoe)																				
DATA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Milli		0000	0007	0000	0000	0040	0044	0040	0040	0044	0045	0040	0047	0040	0040	0000	0004	0000	0000	0004	
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005																				
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.013	0.014	0.016	0.017	0.019	0.020	0.023	0.026	0.029	0.032	0.035	0.036	0.037	0.038	0.040	0.041	0.041	0.040	0.039	0.039	0.038
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005																				
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.013	0.014	0.016	0.017	0.019	0.020	0.023	0.026	0.029	0.032	0.035	0.036	0.037	0.038	0.040	0.041	0.041	0.040	0.039	0.039	0.038
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCEMARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCEMARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.013 0.013 0.050	0.014 0.014 0.056	0.016 0.016 0.061	0.017 0.017 0.067	0.019 0.019 0.073	0.020 0.020 0.080	0.023 0.023 0.091	0.026 0.026 0.103	0.029 0.029 0.115	0.032 0.032 0.126	0.035 0.035 0.137	0.036 0.036 0.142	0.037 0.037 0.147	0.038 0.038 0.151	0.040 0.040 0.156	0.041 0.041 0.161	0.041 0.041 0.159	0.040 0.040 0.157	0.039 0.039 0.155	0.039 0.039 0.153	0.038 0.038 0.151
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.013 0.013	0.014 0.014	0.016 0.016	0.017 0.017	0.019 0.019	0.020 0.020	0.023 0.023	0.026 0.026	0.029 0.029	0.032 0.032	0.035 0.035	0.036 0.036	0.037 0.037	0.038 0.038	0.040 0.040	0.041 0.041	0.041 0.041	0.040 0.040	0.039 0.039	0.039 0.039	0.038 0.038
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (1) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RD' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RD' (based on total recovery capacity)	0.013 0.013 0.050 0.050	0.014 0.014 0.056 0.011	0.016 0.016 0.061 0.012	0.017 0.017 0.067 0.014	0.019 0.019 0.073	0.020 0.020 0.080 0.016	0.023 0.023 0.091 0.019	0.026 0.026 0.103 0.021	0.029 0.029 0.115 0.023	0.032 0.032 0.126 0.026	0.035 0.035 0.137 0.028	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.013 0.013 0.050	0.014 0.014 0.056	0.016 0.016 0.061	0.017 0.017 0.067	0.019 0.019 0.073	0.020 0.020 0.080	0.023 0.023 0.091	0.026 0.026 0.103	0.029 0.029 0.115	0.032 0.032 0.126	0.035 0.035 0.137	0.036 0.036 0.142	0.037 0.037 0.147	0.038 0.038 0.151	0.040 0.040 0.156	0.041 0.041 0.161	0.041 0.041 0.159	0.040 0.040 0.157	0.039 0.039 0.155	0.039 0.039 0.153	0.038 0.038 0.151
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous fandfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (3) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous fandfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous fandfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous fandfill  Total MSW and Cât residue sent to non-hazardous fandfill	0.013 0.013 0.013 0.050 0.010	0.014 0.014 0.056 0.011 0.043	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Câl residue sent to non-hazardous landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  (3) Total MSW and Câl residue sent to inert landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  (1) It was assumed all residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert it	0.013 0.013 0.013 0.050 0.010	0.014 0.014 0.056 0.011 0.043	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert in the control of the contr	0.013 0.013 0.050 0.010 0.038 andfill. In the c	0.014 0.014 0.056 0.011 0.043	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Câl residue sent to non-hazardous landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  (1) Total MSW and Câl residue sent to inert landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_2: TONNAGES OF CâD REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CâD reused on landfill sites	0.013 0.013 0.050 0.010 0.038 andfill. In the c	0.014 0.014 0.056 0.011 0.043	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Câl residue sent to non-hazardous landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  (1) Total MSW and Câl residue sent to inert landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF CâD REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CâD reused on landfill sites  (1) CâD reused on exempt sites	2005 0.013 0.013 0.050 0.010 0.038 andfill. In the c	0.014 0.014 0.056 0.011 0.043 wriginal mode	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Câl residue sent to non-hazardous landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  (1) Total MSW and Câl recovery is to inert landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert in Câl reused on landfill sites  (1) CâD reused on landfill sites  (1) CâD reused on landfill sites  (1) CâD reused on exempt sites  (1) CâD reused on landfill sites  (2) CâD reused on landfill sites	2005 0.013 0.013 0.050 0.010 0.038 andfill. In the c	0.014 0.014 0.056 0.011 0.043 vriginal mode	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Câl residue sent to non-hazardous landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  (1) Total MSW and Câl residue sent to inert landfill assuming all MSW and Câl recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Câl residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF CâD REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CâD reused on landfill sites  (1) CâD reused on exempt sites	2005 0.013 0.013 0.050 0.010 0.038 andfill. In the c	0.014 0.014 0.056 0.011 0.043 vriginal mode	0.016 0.016 0.061 0.012 0.047	0.017 0.017 0.067 0.014 0.051	0.019 0.019 0.073 0.015 0.056	0.020 0.020 0.080 0.016 0.061	0.023 0.023 0.091 0.019 0.070	0.026 0.026 0.103 0.021 0.079	0.029 0.029 0.115 0.023 0.088	0.032 0.032 0.126 0.026 0.096	0.035 0.035 0.137 0.028 0.105	0.036 0.036 0.142 0.029	0.037 0.037 0.147 0.030	0.038 0.038 0.151 0.031	0.040 0.040 0.156 0.032	0.041 0.041 0.161 0.033	0.041 0.041 0.159 0.032	0.040 0.040 0.157 0.032	0.039 0.039 0.155 0.032	0.039 0.039 0.153 0.031	0.038 0.038 0.151 0.031
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (2) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CâD reused on landfill sites  (1) CâD reused on landfill sites sent to 'non-haz landfill'  (1) CâD reused on landfill sites sent to 'non-haz landfill'	2005 0.013 0.013 0.050 0.010 0.038 andfill. In the c	0.014 0.014 0.056 0.011 0.043 riginal mode	0.016 0.016 0.061 0.012 0.047 Il assumptio	0.017 0.017 0.067 0.014 0.051 ons develops	0.019 0.019 0.073 0.015 0.056 d MEL 50% 1	0.020 0.020 0.080 0.016 0.061 was assum	0.023 0.023 0.091 0.091 0.019 0.070 ed to go to (	0.026 0.026 0.103 0.021 0.079 C&D recycl	0.029 0.029 0.115 0.023 0.088 iing, rather the	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'PDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Preatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert in C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  C&d Total C&D reused on non-hazardous landfill	2005  0.013 0.013 0.050 0.010 0.038 andfill. In the c 39 61 30 70 2005 0.016	0.014 0.014 0.056 0.011 0.043 rriginal mode	0.016 0.016 0.061 0.012 0.047 I assumptio	0.017 0.017 0.067 0.014 0.051 ons develope	0.019 0.019 0.073 0.015 0.056 d MEL 50% (	0.020 0.020 0.080 0.016 0.061 was assum	0.023 0.023 0.091 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycl	0.029 0.029 0.115 0.023 0.088 ing, rather ti	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (2) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) CâD reused on landfill sites  (1) CâD reused on landfill sites sent to 'non-haz landfill'  (1) CâD reused on landfill sites sent to 'non-haz landfill'	2005  0.013 0.013 0.050  0.010  0.038  andfill. In the c	0.014 0.014 0.056 0.011 0.043 riginal mode	0.016 0.016 0.061 0.012 0.047 Il assumptio	0.017 0.017 0.067 0.014 0.051 ons develops	0.019 0.019 0.073 0.015 0.056 d MEL 50% 1	0.020 0.020 0.080 0.016 0.061 was assum	0.023 0.023 0.091 0.091 0.019 0.070 ed to go to (	0.026 0.026 0.103 0.021 0.079 C&D recycl	0.029 0.029 0.115 0.023 0.088 iing, rather the	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert in C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  c&d  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill'	2005  0.013 0.013 0.050 0.010 0.038 andfill. In the c 39 61 30 70 2005 0.016	0.014 0.014 0.056 0.011 0.043 rriginal mode	0.016 0.016 0.061 0.012 0.047 I assumptio	0.017 0.017 0.067 0.014 0.051 ons develope	0.019 0.019 0.073 0.015 0.056 d MEL 50% (	0.020 0.020 0.080 0.016 0.061 was assum	0.023 0.023 0.091 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycl	0.029 0.029 0.115 0.023 0.088 ing, rather ti	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (3) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF Cât REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) Cât reused on landfill sites sent to 'non-haz landfill'  (2åt Total Cât reused on non-hazardous landfill'  Total Cât reused on landfill sites sent to 'non-haz landfill'  (3 Cât reused on landfill sites sent to 'inert landfill'  Total reused Cât on inert landfill'  (4) Cât reused on landfill sites sent to 'inert landfill'  Total reused Cât on inert landfill'	2005  0.013 0.013 0.050 0.010 0.038 andfill. In the c 61 30 70 0.036	0.014 0.015 0.056 0.011 0.043 rriginal mode % % % %	0.016 0.016 0.016 0.061 0.012 0.047 I assumptio	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034	0.019 0.019 0.073 0.015 0.056 d MEL 50%	0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033	0.023 0.023 0.091 0.091 0.070 ed to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycl	0.029 0.029 0.115 0.023 0.088 ing, rather ti	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (3) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF Cât REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) Cât reused on landfill sites  (1) Cât reused on landfill sites sent to 'non-haz landfill'  (2 Cât reused on landfill sites sent to 'non-haz landfill'  (3 Cât reused on landfill sites sent to 'non-haz landfill'  Total Cât or eused on inert landfill  (4) Cât reused on landfill sites sent to 'non-hazardous landfill'  (5) Cât reused on landfill sites sent to 'non-hazardous landfill'  (6) Cât reused on landfill sites sent to 'non-hazardous landfill'  (7) Cât reused on landfill sites sent to 'non-hazardous landfill'  (8) Cât reused on landfill sites sent to 'non-hazardous landfill'  (8) Cât reused on landfill sites sent to 'non-hazardous landfill'  (9) Cât reused on landfill sites sent to 'non-hazardous landfill'  (10) Cât reused on inert landfill'	2005  0.013 0.013 0.050 0.010 0.038 andfill. In the c 61 30 70 0.036	0.014 0.015 0.056 0.011 0.043 rriginal mode % % % %	0.016 0.016 0.016 0.061 0.012 0.047 I assumptio	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034	0.019 0.019 0.073 0.015 0.056 d MEL 50%	0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033	0.023 0.023 0.091 0.091 0.070 ed to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycl	0.029 0.029 0.115 0.023 0.088 ing, rather ti	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (3) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDP' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF Cât REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) Cât reused on landfill sites sent to 'non-haz landfill'  (2åt Total Cât reused on non-hazardous landfill'  Total Cât reused on landfill sites sent to 'non-haz landfill'  (3 Cât reused on landfill sites sent to 'inert landfill'  Total reused Cât on inert landfill'  (4) Cât reused on landfill sites sent to 'inert landfill'  Total reused Cât on inert landfill'	2005  0.013 0.050 0.010 0.038 andfill. In the c 39 61 30 70 0.016 0.036 supplied by ea	0.014 0.014 0.056 0.011 0.043 rriginal mode % % % % 2006 0.015 0.036	0.016 0.016 0.061 0.012 0.047 I assumptio	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034	0.019 0.019 0.073 0.015 0.056 d MEL 50% \cdot \frac{2009}{0.014} 0.034	0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033	0.023 0.023 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ling, rather ti	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Natherent' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 0.013 0.013 0.050 0.010 0.010 0.003 andfill. In the companies of the	0.014 0.015 0.056 0.011 0.043 original mode % % % % 2006 0.015 0.036	0.016 0.016 0.061 0.012 0.047 d assumptio	0.017 0.017 0.067 0.014 0.051 ons develops 2008 0.015 0.034 unted for C&	0.019 0.019 0.073 0.015 0.056 d MEL 50% (	0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer	0.023 0.023 0.091 0.019 0.070 ed to go to (	0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather the state of th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 0.117	0.038 0.038 0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (3) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF Cât REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) Cât reused on landfill sites  (1) Cât reused on landfill sites sent to 'non-haz landfill'  (2 Cât reused on landfill sites sent to 'non-haz landfill'  (3 Cât reused on landfill sites sent to 'non-haz landfill'  Total Cât or eused on inert landfill  (4) Cât reused on landfill sites sent to 'non-hazardous landfill'  (5) Cât reused on landfill sites sent to 'non-hazardous landfill'  (6) Cât reused on landfill sites sent to 'non-hazardous landfill'  (7) Cât reused on landfill sites sent to 'non-hazardous landfill'  (8) Cât reused on landfill sites sent to 'non-hazardous landfill'  (8) Cât reused on landfill sites sent to 'non-hazardous landfill'  (9) Cât reused on landfill sites sent to 'non-hazardous landfill'  (10) Cât reused on inert landfill'	2005 0.013 0.013 0.050 0.010 0.010 0.003 andfill. In the companies of the	0.014 0.015 0.056 0.011 0.043 original mode % % % % 2006 0.015 0.036	0.016 0.016 0.061 0.012 0.047 d assumptio	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2}{3} \)	0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer	0.023 0.023 0.091 0.019 0.070 ed to go to (	0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather the state of th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'material' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'material' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'inert landfill'  (3) C&D reused on landfill sites sent to 'inert landfill'  (4) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	2005 0.013 0.013 0.050 0.010 0.010 0.003 andfill. In the companies of the	0.014 0.015 0.056 0.011 0.043 original mode % % % % 2006 0.015 0.036	0.016 0.016 0.061 0.012 0.047 d assumptio	0.017 0.017 0.067 0.014 0.051 ons develops 2008 0.015 0.034 unted for C&	0.019 0.019 0.073 0.015 0.056 d MEL 50% (	0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer	0.023 0.023 0.091 0.019 0.070 ed to go to (	0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather the state of th	0.032 0.032 0.126 0.026 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 landfi	0.036 0.036 0.142 0.029 0.108	0.037 0.037 0.147 0.030 0.112	0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123	0.041 0.041 0.159 0.032 0.122 0.122	0.040 0.040 0.157 0.032 0.120	0.039 0.039 0.155 0.032 0.118	0.039 0.039 0.153 0.031 0.117 0.117	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Natherent' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 0.013 0.013 0.050 0.010 0.010 0.003 andfill. In the companies of the	0.014 0.014 0.056 0.011 0.043 riginal mode % % % 2006 0.015 0.036	0.016 0.016 0.016 0.061 0.047 d assumptio	0.017 0.017 0.067 0.014 0.051 0.051 0.034 0.015 0.034 united for C&	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \)	0.020 0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather the state of th	0.032 0.032 0.126 0.026 0.096 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031	0.040 0.040 0.156 0.032 0.119 0.119	0.041 0.041 0.161 0.033 0.123 0.123 2020 0.012 0.028	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.157 0.032 0.120 0.120	0.039 0.039 0.155 0.032 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030	0.038 0.038 0.151 0.031 0.115 2025 0.013 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I recidue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert in C&I reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill' (3) C&D reused on landfill sites sent to 'non-haz landfill' (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reuse artes based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2005  0.013 0.013 0.050 0.010 0.038 andfill. In the control of the	0.014 0.014 0.056 0.011 0.043 riginal mode % % % 2006 0.015 0.036 ch sub-regio	2007  2007  2007	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034 unted for C8 2008	0.019 0.019 0.073 0.015 0.056 d MEL 50% \ 2009 0.014 0.034 D reuse as a	0.020 0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer 2010	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.015 0.023 0.088 0.088 ising, rather the state of the sta	0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.137 0.028 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108 0.108	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123 2020 0.012 0.028	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.040 0.157 0.032 0.120 2022 0.012 0.029	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030	0.038 0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery pay 'Non-specialist incineration'  SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'reatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'inert landfill'  (2&d Total C&D reused on non-hazardous landfill not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and compositing residue sent to hazardous landfill  DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005 0.013 0.013 0.050 0.010 0.038 andfill. In the control of the	0.014 0.014 0.056 0.011 0.043 riginal mode % % % 2006 0.015 0.036	0.016 0.016 0.016 0.061 0.047 d assumptio	0.017 0.017 0.067 0.014 0.051 0.051 0.034 0.015 0.034 united for C&	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \)	0.020 0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.115 0.023 0.088 ing, rather the state of th	0.032 0.032 0.126 0.026 0.096 0.096 han to inert	0.035 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031	0.040 0.040 0.156 0.032 0.119 0.119	0.041 0.041 0.161 0.033 0.123 0.123 2020 0.012 0.028	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.157 0.032 0.120 0.120	0.039 0.039 0.155 0.032 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030	0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I recisidue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I recisidue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill and total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill and total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill and total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill and total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed if the total recovery is by 'Martment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I recycling and composting residue sent to hazardous l	2005 0.013 0.013 0.050 0.010 0.010 0.038 andfill. In the control of the control o	0.014 0.014 0.056 0.011 0.043 riginal mode % % % 2006 0.015 0.036 ch sub-regio	0.016 0.016 0.016 0.061 0.012 0.047 It assumption 2007 0.015 0.035 n has accord	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034 unted for C& 2008 4/A N	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{4} \) 0.034  D reuse as a \( \frac{2009}{4} \) 0.004	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N//	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.029 0.115 0.023 0.088 iiing, rather ti 2013 0.015 0.035	0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 0.013 0.030 2019 A N	0.041 0.041 0.161 0.033 0.123 0.012 0.028 2020 0.028	0.041 0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029 2021 VA N/	0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 2022 A N.	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 7A N/ 2023 0.008	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030	0.038 0.038 0.0151 0.031 0.115 0.0115 0.0115 0.013 0.030 2025 2025 0.008
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (2) Total MSW and C&I recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'inert landfill'  C&d Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill'  (2) C&D reuse on landfill sites sent to 'inert landfill'  Total C&D reuse on non-hazardous landfill in to included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARI	2005  0.013 0.013 0.050 0.010 0.038 andfill. In the control of the	0.014 0.014 0.056 0.011 0.043 riginal mode % % % 2006 0.015 0.036 ch sub-regio	2007  2007  2007	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034 unted for C8 2008	0.019 0.019 0.073 0.015 0.056 d MEL 50% \ 2009 0.014 0.034 D reuse as a	0.020 0.020 0.020 0.080 0.016 0.061 was assum 2010 0.014 0.033 n engineer 2010	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.015 0.023 0.088 0.088 ising, rather the state of the sta	0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.137 0.028 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108 0.108	0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033	0.038 0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.040 0.156 0.032 0.119 2019 0.013 0.030	0.041 0.041 0.161 0.033 0.123 2020 0.012 0.028	0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029	0.040 0.040 0.040 0.157 0.032 0.120 2022 0.012 0.029	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029	0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030	0.038 0.038 0.038 0.151 0.031 0.115
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (2) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF Cât REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) Cât reused on landfill sites  (1) Cât reused on landfill sites  (1) Cât reused on landfill sites sent to 'non-haz landfill'  (2) Cât reused on landfill sites sent to 'non-hazardous landfill'  (1) Cât reused on landfill sites sent to 'non-hazardous landfill'  (2) Cât reused on landfill sites sent to 'non-hazardous landfill'  (3) Cât reuse rates based on original model assumptions developed MEL  NOTE: Cât D reuse on inert and non-hazardous landfill'  (4) Cât reuse rates based on original model assumptions developed MEL  NOTE: Cât D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND Cât RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  **Total MSW and Cât recycling and composting residue sent to hazardous landfill  DATA_14: TOTAL MSW AND Cât residue sent to hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration' SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' SCENARIO 2 - Assum	2005 0.013 0.050 0.010 0.010 0.038 andfill. In the company of the	0.014 0.014 0.056 0.011 0.043 riginal mode % % % % 2006 0.015 0.036 ch sub-regio 2006 N/A N	2007 0.015 0.061 0.061 0.012 0.047 4 assumptio	2008 0.015 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.015 0.034 0.015 0.034	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{1} \) 0.014 0.034 D reuse as a \( \frac{2009}{1} \) 0.004 0.004	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 4 N/	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N//	0.026 0.026 0.026 0.103 0.021 0.079 CC&D recycl 0.015 0.034	0.029 0.029 0.029 0.115 0.023 0.088 iiing, rather ti 2013 0.015 0.035	0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.015 0.036	0.036 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036 2015 0.007	0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/ 2017 0.007	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 0.000	0.041 0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.028 0.008 0.008	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.029 2021 VA N/ 2021 0.008 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 0.029 0.008	0.039 0.039 0.039 0.155 0.032 0.118 2023 0.013 0.029 2023 2023 0.008 0.000	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030 2024 A N// 2024 0.008	0.038 0.038 0.038 0.151 0.031 0.115 0.115 2025 0.013 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (2) Total MSW and C&I recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'PRDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Preatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Preatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert in C&I capacity (1) Cap	2005 0.013 0.013 0.050 0.010 0.010 0.038 andfill. In the control of the control o	0.014 0.014 0.056 0.011 0.043 riginal mode % % % 2006 0.015 0.036 ch sub-regio	0.016 0.016 0.016 0.061 0.012 0.047 It assumption 2007 0.015 0.035 n has accord	0.017 0.017 0.067 0.014 0.051 ons develope 2008 0.015 0.034 unted for C& 2008 4/A N	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{4} \) 0.034  D reuse as a \( \frac{2009}{4} \) 0.004	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N//	0.026 0.026 0.026 0.103 0.021 0.079 C&D recycl 2012 0.015 0.034	0.029 0.029 0.029 0.115 0.023 0.088 iiing, rather ti 2013 0.015 0.035	0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036	0.035 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036	0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 0.013 0.030 2019 A N	0.041 0.041 0.161 0.033 0.123 0.012 0.028 2020 0.028	0.041 0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029 2021 VA N/	0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 2022 A N.	0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 7A N/ 2023 0.008	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030	0.038 0.038 0.0151 0.031 0.115 0.0115 0.0115 0.013 0.030 2025 2025 0.008
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and Cât residue sent to non-hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  (2) Total MSW and Cât residue sent to inert landfill assuming all MSW and Cât recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and Cât residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF Cât REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) Cât reused on landfill sites  (1) Cât reused on landfill sites  (1) Cât reused on landfill sites sent to 'non-haz landfill'  (2) Cât reused on landfill sites sent to 'non-hazardous landfill'  (1) Cât reused on landfill sites sent to 'non-hazardous landfill'  (2) Cât reused on landfill sites sent to 'non-hazardous landfill'  (3) Cât reuse rates based on original model assumptions developed MEL  NOTE: Cât D reuse on inert and non-hazardous landfill'  (4) Cât reuse rates based on original model assumptions developed MEL  NOTE: Cât D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND Cât RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  **Total MSW and Cât recycling and composting residue sent to hazardous landfill  DATA_14: TOTAL MSW AND Cât residue sent to hazardous landfill assuming all MSW and Cât recovery by 'Non-specialist incineration' SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' SCENARIO 2 - Assum	2005 0.013 0.050 0.010 0.010 0.038 andfill. In the company of the	0.014 0.014 0.056 0.011 0.043 riginal mode % % % % 2006 0.015 0.036 ch sub-regio 2006 N/A N	2007 0.015 0.061 0.061 0.012 0.047 4 assumptio	2008 0.015 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.015 0.034 0.015 0.034	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{1} \) 0.014 0.034 D reuse as a \( \frac{2009}{1} \) 0.004 0.004	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 4 N/	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N//	0.026 0.026 0.026 0.103 0.021 0.079 CC&D recycl 0.015 0.034	0.029 0.029 0.029 0.115 0.023 0.088 iiing, rather ti 2013 0.015 0.035	0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.015 0.036	0.036 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036 2015 0.007	0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/ 2017 0.007	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 0.000	0.041 0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.028 0.008 0.008	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.029 2021 VA N/ 2021 0.008 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 0.029 0.008	0.039 0.039 0.039 0.155 0.032 0.118 2023 0.013 0.029 2023 2023 0.008 0.000	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030 2024 A N// 2024 0.008	0.036 0.038 0.038 0.151 0.031 0.115 0.115 0.115 0.030 0.030 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I recidue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I recidue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'mathement' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'mathement' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'inert landfill'  (3) C&D reused on inert landfill  (4) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill sont included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assum	2005 0.013 0.050 0.010 0.010 0.000 0.000 0.000 0.001 0.0036 0.000 0.000 0.0000 0.004	0.014 0.014 0.015 0.011 0.043 rriginal mode % % % % 2006 0.015 0.036 ch sub-regio 2006 0.000 0.000 0.000	2007 0.015 0.02 0.047 0.047 0.045 0.035 0.035 0.000 0.000 0.000	2008 0.015 0.051 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.015 0.034 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{1} \) 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 0.04 0.000	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N// 2011 0.005 0.000	0.026 0.026 0.026 0.103 0.021 0.079 0.079 2012 0.015 0.034 N. 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather ti  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.036	0.036 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036 2015 0.007 0.000	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035 2016 0.007 0.000 0.000	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/ 2017 0.007 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008 0.000 0.000	0.041 0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.012 0.028 0.008 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.029 2021 VA N/ 2021 0.008 0.000	0.040 0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 0.012 0.029	0.039 0.039 0.039 0.155 0.032 0.118 0.013 0.029 2023 0.013 0.029 2023 0.008 0.000	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030 2024 A N/A 2024 0.008 0.000	0.036 0.038 0.038 0.051 0.051 0.015 0.115 0.115 0.015 0.013 0.030 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'NBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'tentment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'inert landfill'  (3) C&D reused on inert landfill  (4) C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MSP' (based on total recovery capacity)  Total MSW and C&	2005 0.013 0.050 0.010 0.010 0.000 0.000 0.000 0.001 0.0036 0.000 0.000 0.0000 0.004	0.014 0.014 0.015 0.011 0.043 rriginal mode % % % % 2006 0.015 0.036 ch sub-regio 2006 0.000 0.000 0.000	2007 0.015 0.02 0.047 0.047 0.045 0.035 0.035 0.000 0.000 0.000	2008 0.015 0.051 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.015 0.034 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{1} \) 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 0.04 0.000	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N// 2011 0.005 0.000	0.026 0.026 0.026 0.103 0.021 0.079 0.079 2012 0.015 0.034 N. 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather ti  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.036	0.036 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036 2015 0.007 0.000	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035 2016 0.007 0.000 0.000	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/ 2017 0.007 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008 0.000 0.000	0.041 0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.012 0.028 0.008 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.029 2021 VA N/ 2021 0.008 0.000	0.040 0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 0.012 0.029	0.039 0.039 0.039 0.155 0.032 0.118 0.013 0.029 2023 0.013 0.029 2023 0.008 0.000	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030 2024 A N/A 2024 0.008 0.000	0.036 0.038 0.038 0.151 0.031 0.115 0.115 0.115 0.030 0.030 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I recidue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'YBD' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'YBD' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'returnent' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'inert landfill'  (2&d Total C&D reused on non-hazardous landfill not leused C&D on inert landfill'  (1) C&D reuse on inert and non-hazardous landfill sont included within the charts because it has been assumed that data DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' Landfill' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' Landfill' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' La	2005 0.013 0.013 0.050 0.010 0.038 andfill. In the c 1005 0.010 2005 0.010 2005 0.016 0.036 0.036 0.000 0.000 0.000 0.0004 managed waste	0.014 0.014 0.015 0.011 0.043 rriginal mode % % % % 2006 0.015 0.036 ch sub-regio 2006 0.000 0.000 0.000	2007 0.015 0.02 0.047 0.047 0.045 0.035 0.035 0.000 0.000 0.000	2008 0.015 0.051 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.015 0.034 0.000 0.000 0.000	0.019 0.019 0.073 0.015 0.056 d MEL 50% \( \frac{2009}{1} \) 0.014 0.034 0.014 0.034 0.009 0.004 0.000 0.000	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 0.04 0.000	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ng material. 2011 A N// 2011 0.005 0.000	0.026 0.026 0.026 0.103 0.021 0.079 0.079 2012 0.015 0.034 N. 2012 2012 0.005 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather ti  2013 0.015 0.035  2013 0.006 0.000 0.000	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.036	0.036 0.035 0.137 0.028 0.105 0.105 landfi 2015 0.016 0.036 2015 0.007 0.000	0.036 0.036 0.036 0.142 0.029 0.108 2016 0.015 0.035 2016 0.007 0.000 0.000	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/ 2017 0.007 0.000	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 A N/ 2018 0.008 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 2019 0.008 0.000 0.000	0.041 0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.012 0.028 0.008 0.008	0.041 0.041 0.041 0.159 0.032 0.122 0.122 0.012 0.029 2021 VA N/ 2021 0.008 0.000	0.040 0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 0.012 0.029	0.039 0.039 0.039 0.155 0.032 0.118 0.013 0.029 2023 0.013 0.029 2023 0.008 0.000	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030 2024 A N/A 2024 0.008 0.000	0.036 0.038 0.038 0.151 0.031 0.115 0.115 0.115 0.030 0.030 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I recidue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (3) Total MSW and C&I recidue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MBP' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'mathement' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'mathement' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'inert landfill'  (3) C&D reused on inert landfill  (4) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill sont included within the charts because it has been assumed that data  DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  SCENARIO 1 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'Mon-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assum	2005 0.013 0.013 0.015 0.050 0.010 0.038 andfill. In the c 39 61 30 70 2005 0.016 0.036 supplied by ea 2005 N/A 2005 0.000 0.000 0.000 0.000 0.0004 ananaged waste	0.014 0.014 0.015 0.011 0.043 0.043 0.015 0.015 0.036 0.015 0.036 0.006 0.000 0.000 0.0005	2007 0.015 0.005 0.000 0.000 0.005	2008 0.015 0.034 0.034 0.008 0.000 0.000 0.000 0.0006	0.019 0.019 0.019 0.073 0.015 0.056 d MEL 50% 1  2009 0.014 0.034 D reuse as a 2009 0.004 0.000 0.000	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 0.004 0.000 0.000 0.000	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0 2011 0.014 0.034 ing material. 2011 0.005 0.000 0.000	0.026 0.026 0.026 0.103 0.021 0.079 2012 0.015 0.034	2013 2013 2013 2013 2013 2013 2013 2013	2014 0.032 0.126 0.026 0.096 0.096 han to inert 2014 0.015 0.036 2014 0.006 0.000 0.000	2015 A N. 2015 0.007 0.000 0.000	2016 0.035 0.142 0.029 0.108 2016 0.015 0.035 2016 0.007 0.000 0.000	2017 0.033 0.147 0.030 0.112 2017 0.014 0.033 2017 A NA 2017 0.007 0.000 0.000	2018 0.038 0.038 0.151 0.031 0.115	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 0.000 0.000 0.000	0.041 0.041 0.041 0.161 0.033 0.123 0.123 0.012 0.028 0.002 0.008 0.008 0.000 0.000	2021 0.040 0.159 0.032 0.122 0.122 2021 0.012 0.029 2021 0.008 0.000 0.000	0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 0.002 0.008 0.000 0.000 0.0013	0.039 0.039 0.039 0.155 0.032 0.118 0.013 0.029 2023 0.013 0.029 2023 0.008 0.000	0.039 0.039 0.039 0.153 0.031 0.117 2024 0.013 0.030 2024 0.008 0.000 0.000	0.036 0.038 0.038 0.151 0.031 0.115 0.115 0.115 0.030 0.030 0.030
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I recidue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'YBD' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'YBD' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'returnent' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I  DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'inert landfill'  (2&d Total C&D reused on non-hazardous landfill not leused C&D on inert landfill'  (1) C&D reuse on inert and non-hazardous landfill sont included within the charts because it has been assumed that data DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' Landfill' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' Landfill' SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' La	2005 0.013 0.013 0.050 0.010 0.003 andfill. In the company of the	0.014 0.014 0.014 0.056 0.011 0.043 rriginal mode % % % 2006 0.015 0.036 ch sub-regio 2006 0.000 0.000 0.0005 e versus avai	2007 0.015 0.02 0.047 0.047 0.045 0.035 0.035 0.000 0.000 0.000	2008 0.015 0.051 0.067 0.014 0.051 0.051 0.034 0.015 0.034 0.000 0.000 0.000 0.000 0.006	0.019 0.019 0.073 0.015 0.056 d MEL 50% \ 2009 0.014 0.034 0.009 0.004 0.000 0.000 0.000	0.020 0.020 0.080 0.016 0.061 0.061 0.014 0.033 n engineer 2010 2010 0.000 0.000 0.000	0.023 0.023 0.023 0.091 0.019 0.070 ed to go to 0  2011 0.014 0.034 ng material. 2011 0.005 0.000 0.000	0.026 0.026 0.026 0.026 0.021 0.079 0.079 2012 0.015 0.034 0.000 0.000 0.000 0.000	0.029 0.029 0.029 0.115 0.023 0.088 ing, rather ti  2013 0.015 0.035  2013 0.006 0.000 0.000 0.0010	0.032 0.032 0.032 0.126 0.026 0.096 han to inert 2014 0.015 0.036 2014 0.006 0.000 0.000	0.036 0.035 0.137 0.028 0.105 landfi 2015 0.016 0.036 2015 A N. 2015 0.007 0.000 0.000	0.036 0.036 0.036 0.142 0.029 0.108 0.108 2016 0.015 0.035 2016 0.007 0.000 0.000	0.037 0.037 0.037 0.147 0.030 0.112 2017 0.014 0.033 2017 A N/ 0.000 0.000 0.0012	0.038 0.038 0.038 0.151 0.031 0.115 2018 0.013 0.031 2018 0.000 0.000 0.000	0.040 0.040 0.156 0.032 0.119 0.013 0.030 0.013 0.030 0.000 0.000 0.000 0.000	0.041 0.041 0.041 0.061 0.033 0.123 0.123 0.012 0.028 0.002 0.002 0.000 0.000 0.000 0.000	0.041 0.041 0.041 0.159 0.032 0.122 0.122 2021 0.012 0.029 2021 0.008 0.000 0.000	0.040 0.040 0.040 0.157 0.032 0.120 0.120 0.012 0.029 2022 A N 2022 0.000 0.000 0.000	0.039 0.039 0.039 0.155 0.032 0.118 0.118 2023 0.013 0.029 2023 A N/ 2023 0.000 0.000	0.039 0.039 0.039 0.153 0.031 0.117 0.117 2024 0.013 0.030 2024 4 N// 0.008 0.000 0.000	0.036 0.038 0.038 0.151 0.031 0.115 0.115 0.115 2025 0.013 0.030 0.000 0.000 0.001

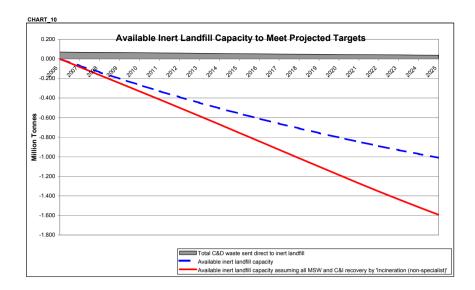












#### SUMMARY DATA AND RESULTS FOR HAMPSHIRE

IANAGED	WASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
isw			0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335
	ts from london that are sent direct to non-hazardous landfill		0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025
&i	and the second s		1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265
&I - imports &d	from london that are sent direct to non-hazardous landfill		0.091 2.148	0.089 2.148	0.087 2.148	0.084 2.148	0.082 2.148	0.077 2.148	0.073 2.148	0.068 2.148	0.064 2.148	0.059 2.148	0.057	0.054 2.148	0.052 2.148	0.049 2.148	0.047 2.148	0.046 2.148	0.045 2.148	0.043 2.148	0.042 2.148
d zardous			0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236
zardous			0.173	0.177	0.101	0.100	0.191	0.194	0.196	0.202	0.200	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.230
ASTE STE	REAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
w	LATS shortfall (how much extra is landfilled above LATS target)		0.039	0.042	0.049	0.060	0.075	0.080	0.083	0.086	0.064	0.042	0.038	0.034	0.030	0.025	0.020	0.020	0.020	0.021	0.021
	Recycling and composting target		0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803
	Recovery target		0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337
	Non-hazardous landfill		0.551	0.530	0.503	0.471	0.433	0.391	0.348	0.305	0.284	0.262	0.249	0.235	0.222	0.208	0.194	0.195	0.195	0.195	0.195
	Recycling and composting target		0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449
	Recovery target		0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439
	Non-hazardous landfill		0.726	0.707	0.686	0.664	0.640	0.616	0.590	0.563	0.535	0.505	0.488	0.470	0.452	0.433	0.413	0.404	0.395	0.386	0.376
	Recycling target		0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289
	Recovery target		0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636
	Inert landfill		0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223
rdous	Hazardous waste		0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume	es that this e	extra waste i	is recycled/o	composted	and recover	ed at the sa	me ratio as	the regiona	I targets for	recycling/co	mposting a	nd recovery	for that ye	ar.					
TING/P	LANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (																			
	&i recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
anu Ci	Total existing/planned MSW and C&I recovery capacity		1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390
	Surplus/deficit canacity		1.087	1.390	1.033	1.390	0.971	0.915	0.858	0.800	0.746	0.692	0.669	0.646	0.622	0.598	0.574	0.583	0.593	0.603	0.613
and C	Surplus/delicit capacity  &I recycling and composting		1.007	1.001	1.033	1.003	0.57	0.810	0.000	0.000	0.740	0.032	0.003	0.040	0.022	0.000	0.074	0.003	0.083	0.003	0.013
and G	&I recycling and composting  Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		3 107	3 107	3.107	3 107	3.107	3 107	3.107	3 107	3 107	3 107	3 107	3.107	3.107	3.107	3.107	3 107	3 107	3.107	3 107
	Total existing/planned MSW and C&I recycling and composting capacity (baseline: 20 % of transfer capacity delivers recycling)  Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		2.768	2.768	2.768	2.768	2.768	2.768	2.768	2 768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		2.708	1.992	1.905	1.812	1.712	1.643	1.573	1.501	1 444	1.384	1.329	1.273	1.215	1.156	1.097	1.038	0.978	0.917	0.855
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		1.733	1.653	1.566	1.012	1.373	1.304	1.234	1.163	1.105	1.045	0.990	0.934	0.876	0.818	0.758	0.699	0.639	0.578	0.516
recyclir			1.755	1.000	1.500	1.473	1.070	1.504	1.204	1.100	1.100	1.040	0.330	0.334	0.070	0.010	0.730	0.000	0.000	0.570	0.510
. coyom	Total existing/planned C&D recycling capacity		0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
	Surplus/deficit capacity		-0.916	-0.938	-0.959	-0.981	-1 002	-1.002	-1.002	-1.002	-1.002	-1.002	-1.045	-1.088	-1.131	-1.174	-1.217	-1.217	-1 217	-1.217	-1.217
ecove																					
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283
	Surplus/deficit capacity		1.033	0.963	0.892	0.822	0.751	0.717	0.684	0.650	0.616	0.583	0.586	0.589	0.592	0.595	0.598	0.610	0.622	0.635	0.647
dous v	vaste recycling																				
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
rdous v	vaste recovery																				
	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
hazardo	ous landfill																				
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		1.532	-0.143	-1.788	-3.398	-4.965	-6.484	-7.940	-9.331		-11.930	-13.156	-14.361	-15.543	-16.703	-17.839	-18.951			-22.278
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.490	-0.231	-1.925	-3.588	-5.213	-6.795	-8.322	-9.792	-11.205	-12.577	-13.908	-15.220	-16.514	-17.789	-19.044	-20.279	-21.511		-23.964
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		1.367	-0.487	-2.326	-4.146	-5.941	-7.708		-11.147				-17.743	-19.364	-20.976	-22.580				-28.910
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		1.499	-0.213	-1.898	-3.550	-5.164	-6.733	-8.246	-9.700	-11.095	-12.448	-13.758	-15.048	-16.320	-17.572	-18.803	-20.013	-21.221		-23.627
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		1.407	-0.405	-2.199	-3.968	-5.710	-7.417	-9.086	-10.716	-12.306	-13.871	-15.411	-16.940	-18.457	-19.962	-21.455	-22.934	-24.408	-25.875	-27.336
landfill	and the second s																				
	Available inert landfill capacity		1.735	1.335	0.944	0.562	0.188	-0.177	-0.529	-0.869	-1.195	-1.509	-1.810	-2.102	-2.385	-2.660	-2.927	-3.184	-3.434	-3.674	-3.906
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.735	1.290	0.849	0.413	-0.018	-0.446	-0.870	-1.289	-1.704	-2.114	-2.520	-2.920	-3.315	-3.705	-4.090	-4.470	-4.840	-5.201	-5.551
rdous la																					
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
A 01: A	ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																				
(	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(	1) Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%
	Total arisings of MSW using regional growth forecasts	0.935	0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335
	Forecast sub-regional growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
(	Forecast sub-regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%
	Total arisings of MSW using sub-regional growth forecasts	0.935	0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335
	Arisings of C&I in baseline year																				
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(	Forecast regional level growth rate of C&I - cumulative (%)	110%	113%	116%	119%	122%	125%	127%	130%	132%	135%	138%	140%	142%	144%	146%	148%	150%	151%	153%	154%
	Total arisings of C&I using regional growth forecasts	1.617	1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265
	Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(	1) Forecast sub-regional level growth rate of C&I - cumulative (%)	110%	113%	116%	119%	122%	125%	127%	130%	132%	135%	138%	140%	142%	144%	146%	148%	150%	151%	153%	154%
	Total arisings of C&I using sub-regional growth forecasts	1.617	1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265
	Arisings of hazardous waste in baseline year																				
	<ol> <li>Forecast regional level growth rate of hazardous waste - per year (%)</li> </ol>	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
		107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%
	Forecast regional level growth rate of hazardous waste - cumulative (%)		0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236
(	Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste	0.168				2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%
(	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%																
(	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.3% 107%	2.5% 109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%
(	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2; Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste  Total arisings of hazardous waste	3.3%	2.5%										135% 0.214	137% 0.217	139% 0.220			145% 0.229			149% 0.236
(	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year	3.3% 107% 0.168	2.5% 109% 0.173	112% 0.177	115% 0.181	118% 0.186	121% 0.191	123% 0.194	126% 0.198	128% 0.202	131% 0.206	133% 0.210	0.214	0.217	0.220	141% 0.223	144% 0.227	0.229	146% 0.231	148% 0.234	0.236
0	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2; Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year 5 Forecast regional-level growth rate of managed C&D - per year (%)	3.3% 107% 0.168	2.5% 109% 0.173	112% 0.177 0.0%	115% 0.181 0.0%	118% 0.186 0.0%	121% 0.191 0.0%	123% 0.194 0.0%	126% 0.198 0.0%	128% 0.202 0.0%	131% 0.206 0.0%	133% 0.210 0.0%	0.214	0.217	0.220	141% 0.223 0.0%	0.227 0.0%	0.229	146% 0.231 0.0%	148% 0.234 0.0%	0.236
() 	Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste 2) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&D in baseline year	3.3% 107% 0.168	2.5% 109% 0.173	112% 0.177	115% 0.181	118% 0.186	121% 0.191	123% 0.194	126% 0.198	128% 0.202	131% 0.206	133% 0.210	0.214	0.217	0.220	141% 0.223	144% 0.227	0.229	146% 0.231	148% 0.234	0.236

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

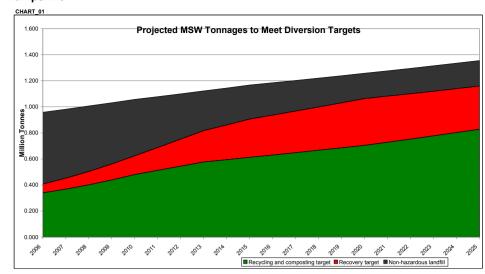
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

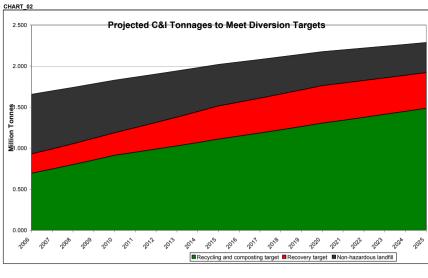
DATA_02: I	NTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&	Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
(	Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041

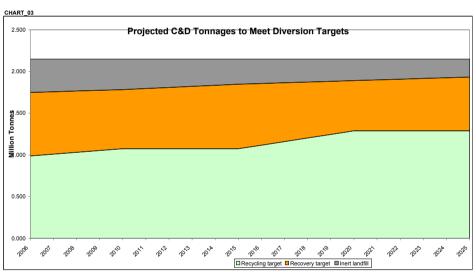
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

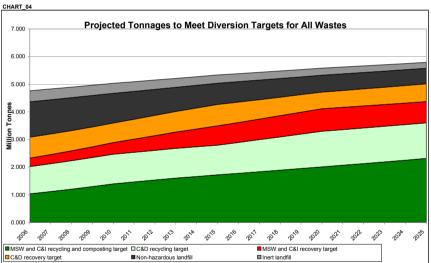
DATA 02.	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2046	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MANAGED WASTE USED TO GENERATE RESULTS (MIIIION TONNES)		2006	2007	2006		2010	2011	2012	2013		2015	2016	2017	2016	2019	2020	2021	2022			
msw		0.935	0.958	0.982	1.007	1.032	1.058	1.079	1.101	1.123	1.145	1.168	1.185	1.203	1.221	1.240	1.258	1.277	1.296	1.316	1.335	1.355
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.054	0.053	0.051	0.050	0.049	0.047	0.045	0.042	0.039	0.037	0.034	0.033	0.031	0.030	0.028	0.027	0.027	0.026	0.025	0.025	0.024
c&i		1.617	1.658	1.699	1.742	1.785	1.830	1.866	1.904	1.942	1.981	2.020	2.050	2.081	2.112	2.144	2.176	2.198	2.220	2.242	2.265	2.287
c&I - import	s from london that are sent direct to non-hazardous landfill	0.094	0.091	0.089	0.087	0.084	0.082	0.077	0.073	0.068	0.064	0.059	0.057	0.054	0.052	0.049	0.047	0.046	0.045	0.043	0.042	0.041
c&d		2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148	2.148
hazardous		0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
DATA 04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	(1) landfill (Mt)	0.372	0.362	0.347	0.326	0.301	0.270	0.240	0.210	0.180	0.172	0.165	0.157	0.149	0.141	0.134	0.126	0.126	0.126	0.126	0.126	0.126
	recovered (%)	5.072	6.002	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	49.0	50	51.0	52.0	53.0	E4.0	EE	56.0	57.0	58.0	59.0	60
. 0.		30					40	42.0			40.0	00				04.0	00	30.0				- 00
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	7																					
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
	(1) Extra new described marking Extre target anomalies remaine estimated the 2020 value for the years before 2020																					
DATA 05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

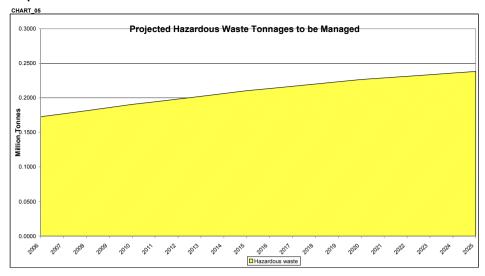
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.327	0.368	0.411	0.455	0.502	0.550	0.609	0.669	0.732	0.797	0.864	0.899	0.934	0.970	1.007	1.044	1.063	1.081	1.100	1.119	1.139
	Total MSW not-diverted by targets	0.608 68	0.590 68	0.572 68	0.552 68	0.530 68	0.508 68	0.470 68	0.431 68	0.391 68	0.348	0.304	0.287 68	0.270 68	0.252 68	0.233 68	0.214	0.215 68	0.215	0.216 68	0.216 68	0.217 68
	Percentage of MSW that is biodegradable (% by weight) Total BMW not-diverted by targets	0.413	0.401	0.389	0.375	0.361	0.345	0.320	0.293	0.266	68 0.237	68 0.206	0.195	0.183	0.171	0.158	68 0.145	0.146	0.146	0.147	0.147	0.147
	LATS shortfall (how much extra is landfilled above LATS target)	0.413	0.401	0.369	0.049	0.060	0.075	0.080	0.293	0.266	0.237	0.206	0.195	0.163	0.171	0.156	0.020	0.020	0.020	0.147	0.147	0.147
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.006	0.007	0.008	0.010	0.013	0.017	0.020	0.023	0.025	0.020	0.014	0.013	0.011	0.010	0.008	0.007	0.007	0.006	0.006	0.006	0.006
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.035	0.033	0.034	0.039	0.047	0.058	0.059	0.060	0.060	0.044	0.028	0.026	0.023	0.020	0.017	0.013	0.013	0.014	0.014	0.015	0.015
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.316	0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803	0.829
	Recovery target	0.053	0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337	0.331
	Non-hazardous landfill	0.567	0.551	0.530	0.503	0.471	0.433	0.391	0.348	0.305	0.284	0.262	0.249	0.235	0.222	0.208	0.194	0.195	0.195	0.195	0.195	0.195
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.647	0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
	Recovery target	0.226	0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
	Non-hazardous landfill	0.744	0.726	0.707	0.686 0.000	0.664	0.640	0.616 0.000	0.590	0.563	0.535	0.505	0.488	0.470 0.000	0.452	0.433	0.413 0.000	0.404	0.395	0.386	0.376	0.366
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
	Recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
	Inert landfill	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275	0.266	0.258	0.249	0.241	0.232	0.223	0.215
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.963	1.036	1.116	1.203	1.296	1.396	1.464	1.534	1.606	1.664	1.723	1.779	1.835	1.892	1.951	2.011	2.069	2.129	2.190	2.252	2.315
	C&D recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
	MSW and C&I recovery target	0.279	0.303	0.329	0.357	0.387	0.419	0.474	0.532	0.590	0.644	0.698	0.721	0.744	0.767	0.791	0.816	0.807	0.797	0.787	0.777	0.766
	C&D recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
	Non-hazardous landfill	1.311	1.277	1.236	1.189	1.135	1.073	1.007	0.938	0.868 0.327	0.818	0.767	0.737	0.706	0.674	0.641	0.608	0.599	0.590	0.581	0.571	0.561 0.215
	Inert landfill	0.408	0.400	0.391	0.382	0.374	0.365	0.352	0.339	0.327	0.314	0.301	0.292	0.284	0.275 0.220	0.266 0.223	0.258 0.227	0.249 0.229	0.241 0.231	0.232	0.223 0.236	0.215
	Hazardous waste	0.168	0.173	0.177	0.181	0.186	0.191	0.194	0.198	0.202	0.206	0.210	0.214	0.217	0.220	0.223	0.227	0.229	0.231	0.234	0.236	0.238











3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481
MSW and C&I treatment	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908
Total existing/planned MSW and C&I recovery capacity	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390	1.390
Total MSW waste required to meet target	0.053	0.068	0.084	0.103	0.122	0.144	0.176	0.208	0.241	0.267	0.294	0.307	0.319	0.332	0.345	0.359	0.354	0.349	0.343	0.337	0.331
Total C&I waste required to meet target	0.226	0.235	0.245	0.254	0.264	0.274	0.299	0.324	0.350	0.376	0.404	0.414	0.425	0.435	0.446	0.457	0.453	0.448	0.444	0.439	0.435
Surplus/deficit capacity	1.111	1.087	1.061	1.033	1.003	0.971	0.915	0.858	0.800	0.746	0.692	0.669	0.646	0.622	0.598	0.574	0.583	0.593	0.603	0.613	0.624
MSW and C&I recycling and composting																					
MSW and C&I recycling	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516	2.516
MSW and C&I transfer	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260	2.260
Total existing/planned MSW and C&I composting capacity	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107	3.107
Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768	2.768
Total MSW waste required to meet recycling and composting target	0.316	0.340	0.368	0.401	0.439	0.481	0.513	0.545	0.577	0.594	0.612	0.630	0.649	0.667	0.686	0.705	0.729	0.753	0.778	0.803	0.829
Total C&I waste required to meet recycling and composting target	0.647	0.696	0.748	0.801	0.857	0.915	0.952	0.990	1.029	1.069	1.111	1.148	1.186	1.225	1.265	1.306	1.341	1.376	1.413	1.449	1.487
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	2.145	2.072	1.992	1.905	1.812	1.712	1.643	1.573	1.501	1.444	1.384	1.329	1.273	1.215	1.156	1.097	1.038	0.978	0.917	0.855	0.792
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	1.806	1.733	1.653	1.566	1.473	1.373	1.304	1.234	1.163	1.105	1.045	0.990	0.934	0.876	0.818	0.758	0.699	0.639	0.578	0.516	0.453
C&D recycling																					
Total existing/planned C&D recycling capacity	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Total waste required to meet C&D recycling target	0.967	0.988	1.010	1.031	1.053	1.074	1.074	1.074	1.074	1.074	1.074	1.117	1.160	1.203	1.246	1.289	1.289	1.289	1.289	1.289	1.289
Surplus/deficit capacity	-0.895	-0.916	-0.938	-0.959	-0.981	-1.002	-1.002	-1.002	-1.002	-1.002	-1.002	-1.045	-1.088	-1.131	-1.174	-1.217	-1.217	-1.217	-1.217	-1.217	-1.217
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.773	0.760	0.748	0.735	0.722	0.709	0.722	0.735	0.748	0.760	0.773	0.739	0.705	0.670	0.636	0.601	0.610	0.619	0.627	0.636	0.644
Surplus/deficit capacity	1.104	1.033	0.963	0.892	0.822	0.751	0.717	0.684	0.650	0.616	0.583	0.586	0.589	0.592	0.595	0.598	0.610	0.622	0.635	0.647	0.659
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	IN/A																			
Hazardous waste recovery																					
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered	0.000 N/A	0.000 N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity	0.000	0.000																			
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill	0.000 N/A N/A	0.000 N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Hazardous waste recovery Total existing planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)	0.000 N/A N/A 3.084	0.000 N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A -7.940	N/A N/A -9.331	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A -23.383
Hazardous waste recovery  Total existing/joanned hazardous waste recovery capacity  Total existing/joanned hazardous waste to be recovered  Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'	0.000 N/A N/A 3.084 3.084	0.000 N/A N/A 1.532 1.490	N/A N/A -0.143 -0.231	N/A N/A -1.788 -1.925	N/A N/A -3.398 -3.588	N/A N/A -4.965 -5.213	N/A N/A -6.484 -6.795	N/A N/A -7.940 -8.322	N/A N/A -9.331 -9.792	N/A N/A -10.655 -11.205	N/A N/A -11.930 -12.577	N/A N/A -13.156 -13.908	N/A N/A -14.361 -15.220	N/A N/A -15.543 -16.514	N/A N/A -16.703 -17.789	N/A N/A -17.839 -19.044	N/A N/A -18.951 -20.279	N/A N/A -20.062 -21.511	N/A N/A -21.171 -22.739	N/A N/A -22.278 -23.964	N/A N/A -23.383 -25.185
Hazardous waste recovery  Total existing/planned hazardous waste recovery capacity  Total hazardous waste to be recovered  Surplus/deficit capacity  Non-hazardous landfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incienteration (non-specialist)"  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT"	0.000 N/A N/A 3.084 3.084 3.084	0.000 N/A N/A 1.532 1.490 1.367	N/A N/A -0.143 -0.231 -0.487	-1.788 -1.925 -2.326	N/A N/A -3.398 -3.588 -4.146	N/A N/A -4.965 -5.213 -5.941	N/A N/A -6.484 -6.795 -7.708	N/A N/A -7.940 -8.322 -9.443	N/A N/A -9.331 -9.792 -11.147	N/A N/A -10.655 -11.205 -12.820	N/A N/A -11.930 -12.577 -14.475	N/A N/A -13.156 -13.908 -16.113	N/A N/A -14.361 -15.220 -17.743	N/A N/A -15.543 -16.514 -19.364	N/A N/A -16.703 -17.789 -20.976	N/A N/A -17.839 -19.044 -22.580	N/A N/A -18.951 -20.279 -24.173	N/A N/A -20.062 -21.511 -25.760	N/A N/A -21.171 -22.739 -27.339	N/A N/A -22.278 -23.964 -28.910	N/A N/A -23.383 -25.185 -30.473
Hazardous waste recovery Total existing/jolanned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'	0.000 N/A N/A 3.084 3.084 3.084 3.084	0.000 N/A N/A 1.532 1.490 1.367 1.499	N/A N/A -0.143 -0.231 -0.487 -0.213	N/A N/A -1.788 -1.925 -2.326 -1.898	N/A N/A -3.398 -3.588 -4.146 -3.550	N/A N/A -4.965 -5.213 -5.941 -5.164	N/A N/A -6.484 -6.795 -7.708 -6.733	N/A N/A -7.940 -8.322 -9.443 -8.246	N/A N/A -9.331 -9.792 -11.147 -9.700	N/A N/A -10.655 -11.205 -12.820 -11.095	N/A N/A -11.930 -12.577 -14.475 -12.448	N/A N/A -13.156 -13.908 -16.113 -13.758	N/A N/A -14.361 -15.220 -17.743 -15.048	N/A N/A -15.543 -16.514 -19.364 -16.320	N/A N/A -16.703 -17.789 -20.976 -17.572	N/A N/A -17.839 -19.044 -22.580 -18.803	N/A N/A -18.951 -20.279 -24.173 -20.013	N/A N/A -20.062 -21.511 -25.760 -21.221	N/A N/A -21.171 -22.739 -27.339 -22.425	N/A N/A -22.278 -23.964 -28.910 -23.627	N/A N/A -23.383 -25.185 -30.473 -24.825
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "The National Company" of the National Company is a National Company in the National C&I recovery by "The National Company" of the National Company is a National Company in the National C&I recovery by "The National Company" of the National Covers of the	0.000 N/A N/A 3.084 3.084 3.084 3.084 3.084	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405	-1.788 -1.925 -2.326 -1.898 -2.199	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791
Hazardous waste recovery Total existing/jolanned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'NBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent iricect to non-hazardous landfill	0.000 N/A N/A 3.084 3.084 3.084 3.084	0.000 N/A N/A 1.532 1.490 1.367 1.499	N/A N/A -0.143 -0.231 -0.487 -0.213	N/A N/A -1.788 -1.925 -2.326 -1.898	N/A N/A -3.398 -3.588 -4.146 -3.550	N/A N/A -4.965 -5.213 -5.941 -5.164	N/A N/A -6.484 -6.795 -7.708 -6.733	N/A N/A -7.940 -8.322 -9.443 -8.246	N/A N/A -9.331 -9.792 -11.147 -9.700	N/A N/A -10.655 -11.205 -12.820 -11.095	N/A N/A -11.930 -12.577 -14.475 -12.448	N/A N/A -13.156 -13.908 -16.113 -13.758	N/A N/A -14.361 -15.220 -17.743 -15.048	N/A N/A -15.543 -16.514 -19.364 -16.320	N/A N/A -16.703 -17.789 -20.976 -17.572	N/A N/A -17.839 -19.044 -22.580 -18.803	N/A N/A -18.951 -20.279 -24.173 -20.013	N/A N/A -20.062 -21.511 -25.760 -21.221	N/A N/A -21.171 -22.739 -27.339 -22.425	N/A N/A -22.278 -23.964 -28.910 -23.627	N/A N/A -23.383 -25.185 -30.473 -24.825
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total existing/planned hazardous waste recovery capacity Total existing/planned hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'TBDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Teatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill	0.000 N/A N/A 3.084 3.084 3.084 3.084 3.084 1.311	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561
Hazardous waste recovery Total existing/olanned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "MBT" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF Available non-hazardous landfill capacity assuming all MSW and C&I recovery by treatment" Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Inert landfill Available inert landfill capacity	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total existing/planned hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'NBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfil capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Intert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialist)'	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143 2.143	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189 -0.944 0.849	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135 -0.562 0.413	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938 -0.529 -0.870	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767 -1.509 -2.114	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674 -2.385 -3.315	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 -3.705	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581 -3.674 -5.201	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890
Hazardous waste recovery Total existing/olanned hazardous waste recovery capacity Total existing/olanned hazardous waste recoverd Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Incineration (non-specialist)" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "RDF" Available non-hazardous landfill capacity assuming all MSW and C&I recovery by "Teatment" Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity susming all MSW and C&I recovery by "Incineration (non-specialist)" Total C&D waste sent direct to inert landfill	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total existing/planned hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'main' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'main' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity Available inert landfill capacity Total C&D waste sent direct to inert landfill Hazardous landfill direct to inert landfill	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143 2.143 0.408	0.000 N/A N/A 1.532 1.490 1.367 1.497 1.277 1.735 1.735 0.400	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236 1.335 1.290 0.391	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189 -0.944 0.849 0.382	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135 -0.562 0.413 0.374	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073 0.188 -0.018 0.365	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007 -0.177 -0.446 0.352	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938 -0.529 -0.870 0.339	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868 -0.869 -1.289 0.327	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818 -1.195 -1.704 0.314	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767 -1.509 -2.114 0.301	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737 -1.810 -2.520 0.292	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706 -2.102 -2.920 0.284	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674 -2.385 -3.315 0.275	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 -3.705 0.266	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608 -2.927 -4.090 0.258	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470 0.249	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840 0.241	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581 -3.674 -5.201 0.232	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551 0.223	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890 0.215
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'NBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill capacity Available inert landfill capacity susuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill Hazardous landfill Hazardous landfill Available hazardous landfill capacity	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143 2.143 0.408	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277 1.735 0.400	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236 1.335 1.290 0.391	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189 -0.944 0.849 0.382	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135 -0.562 0.413 0.374	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073 -0.188 -0.018 0.365	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007 -0.177 -0.446 0.352	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938 -0.529 -0.870 0.339	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868 -0.869 -1.289 0.327	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818 -1.195 -1.704 0.314	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767 -1.509 -2.114 0.301	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737 -1.810 -2.520 0.292	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706 -2.102 -2.920 0.284	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674 -2.385 -3.315 0.275	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 -3.705 0.266	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608 -2.927 -4.090 0.258	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470 0.249	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840 0.241	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581 -3.674 -5.201 0.232	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551 0.223	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890 0.215
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialisty') Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'incineration (non-specialisty') Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty') Total C&D waste sent direct to inert landfill Hazardous landfill capacity Available inert landfill addiction there is a control of the control	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143 2.143 0.408	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277 1.735 0.400	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236 1.335 1.290 0.391	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189 -0.944 0.849 0.382	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135 -0.562 0.413 0.374	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073 -0.188 -0.018 0.365	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 1.007 -0.177 -0.446 0.352	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938 -0.529 -0.870 0.339	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868 -0.869 -1.289 0.327	N/A N/A -10.655 -11.205 -12.820 -11.095 -12.306 0.818 -1.195 -1.704 0.314	N/A N/A -11.930 -12.577 -14.475 -12.448 -13.871 0.767 -1.509 -2.114 0.301	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737 -1.810 -2.520 0.292	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706 -2.102 -2.920 0.284	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674 -2.385 -3.315 0.275	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 -3.705 0.266	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608 -2.927 -4.090 0.258	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470 0.249	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840 0.241	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581 -3.674 -5.201 0.232	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551 0.223	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890 0.215
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'The Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill Hazardous landfill Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N/A N/A 3.084 3.084 3.084 3.084 3.084 1.311 2.143 2.143 0.408	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277 1.735 0.400	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236 1.236 0.391	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189 0.944 0.849 0.382	N/A N/A -3.398 -3.588 -4.146 -3.556 -3.968 1.135 -0.562 0.413 0.374	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073 0.188 -0.018 0.365	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 -0.177 -0.446 0.352 	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 -0.938 -0.529 -0.870 0.339	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868 -0.869 -1.289 0.327	N/A N/A -10.655 -11.205 -12.820 -11.936 -12.306 0.818 -1.195 -1.704 0.314 N/A N	N/A N/A -11.930 -12.577 -14.475 -12.484 -13.871 0.767 -1.509 -2.114 0.301	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737 -1.810 -2.520 0.292 0.0000 N/A	N/A N/A -14.361 -15.220 -17.743 -15.040 0.706 -2.102 -2.920 0.284 N	N/A N/A -15.543 -16.514 -19.364 -16.327 0.674 -2.385 -3.315 0.275	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 0.3705 0.266	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608 -2.927 -4.090 0.258	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470 0.249	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840 0.241	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581 -3.674 -5.201 0.232	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551 0.223	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890 0.215 0.000
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill Available inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N/A N/A 3.084 3.084 3.084 3.084 1.311 2.143 2.143 0.408	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277 1.735 1.735 0.400	N/A N/A -0.143 -0.231 -0.405 -0.213 -0.405 1.236 1.236 1.290 0.391 0.000 N	-1.788 -1.925 -2.326 -1.898 -2.199 1.189 -2.199 0.849 0.382 -0.000 /A N	N/A N/A -3.398 -3.588 -4.146 -3.550 -3.968 1.135 -0.562 0.413 0.374 -0.000 /A	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073 0.188 -0.018 0.365 0.000 VA N.	N/A N/A -6.484 -6.795 -7.708 -6.738 -6.731 1.007 -0.177 -0.446 0.352 0.000 /A N/	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 0.938 -0.529 -0.870 0.339 0.000 VA N	-9.331 -9.792 -11.147 -9.700 -10.716 0.868 -0.869 -1.289 0.327	N/A N/A -10.655 -11.205 -12.820 -12.820 -11.095 -12.306 0.818 -1.195 -1.704 0.314 0.000 N/A N	-11.930 -12.577 -14.475 -12.448 -13.871 0.767 -1.509 -2.114 0.301 0.000 /A N	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737 -1.810 -2.520 0.292 0.000 N	N/A N/A -14.361 -15.220 -17.743 -15.048 -16.940 0.706 -2.102 -2.920 0.284 0.000 N 0.796	N/A N/A -15.543 -16.514 -19.364 -16.320 -18.457 0.674 -2.385 -3.315 0.275 0.000 N	-16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 -3.705 0.266	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608 -2.927 -4.090 0.258	-18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470 0.249 0.000 N/A	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840 0.241 0.000 N/A	-21.171 -22.739 -27.399 -27.399 -27.39 -22.425 -25.875 0.581 -3.674 -5.201 0.232 0.000 N/A N	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551 0.223	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890 0.215 0.000
Hazardous waste recovery Total existing/planned hazardous waste recovery capacity Total hazardous waste to be recovered Surplus/deficit capacity Non-hazardous landfill Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery) Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'The Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment' Total MSW and C&I waste sent direct to non-hazardous landfill Inert landfill capacity Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Total C&D waste sent direct to inert landfill Hazardous landfill Hazardous landfill Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	0.000 N/A N/A 3.084 3.084 3.084 3.084 3.084 1.311 2.143 2.143 0.408	0.000 N/A N/A 1.532 1.490 1.367 1.499 1.407 1.277 1.735 0.400	N/A N/A -0.143 -0.231 -0.487 -0.213 -0.405 1.236 1.236 0.391	N/A N/A -1.788 -1.925 -2.326 -1.898 -2.199 1.189 0.944 0.849 0.382	N/A N/A -3.398 -3.588 -4.146 -3.556 -3.968 1.135 -0.562 0.413 0.374	N/A N/A -4.965 -5.213 -5.941 -5.164 -5.710 1.073 0.188 -0.018 0.365	N/A N/A -6.484 -6.795 -7.708 -6.733 -7.417 -0.177 -0.446 0.352 	N/A N/A -7.940 -8.322 -9.443 -8.246 -9.086 -0.938 -0.529 -0.870 0.339	N/A N/A -9.331 -9.792 -11.147 -9.700 -10.716 0.868 -0.869 -1.289 0.327	N/A N/A -10.655 -11.205 -12.820 -11.936 -12.306 0.818 -1.195 -1.704 0.314 N/A N	N/A N/A -11.930 -12.577 -14.475 -12.484 -13.871 0.767 -1.509 -2.114 0.301	N/A N/A -13.156 -13.908 -16.113 -13.758 -15.411 0.737 -1.810 -2.520 0.292 0.0000 N/A	N/A N/A -14.361 -15.220 -17.743 -15.040 0.706 -2.102 -2.920 0.284 N	N/A N/A -15.543 -16.514 -19.364 -16.327 0.674 -2.385 -3.315 0.275	N/A N/A -16.703 -17.789 -20.976 -17.572 -19.962 0.641 -2.660 0.3705 0.266	N/A N/A -17.839 -19.044 -22.580 -18.803 -21.455 0.608 -2.927 -4.090 0.258	N/A N/A -18.951 -20.279 -24.173 -20.013 -22.934 0.599 -3.184 -4.470 0.249	N/A N/A -20.062 -21.511 -25.760 -21.221 -24.408 0.590 -3.434 -4.840 0.241	N/A N/A -21.171 -22.739 -27.339 -22.425 -25.875 0.581 -3.674 -5.201 0.232	N/A N/A -22.278 -23.964 -28.910 -23.627 -27.336 0.571 -3.906 -5.551 0.223	N/A N/A -23.383 -25.185 -30.473 -24.825 -28.791 0.561 -4.130 -5.890 0.215

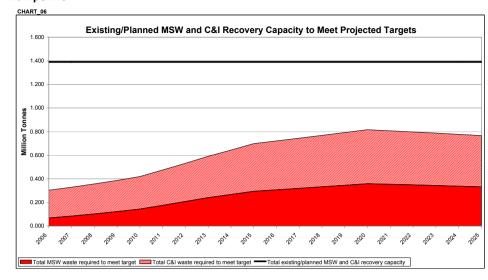
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity

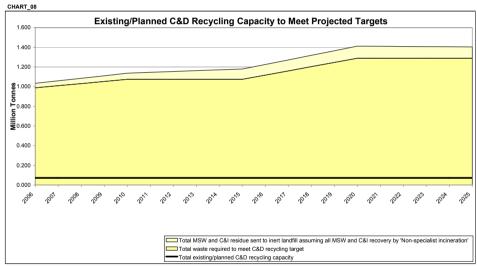
4.000

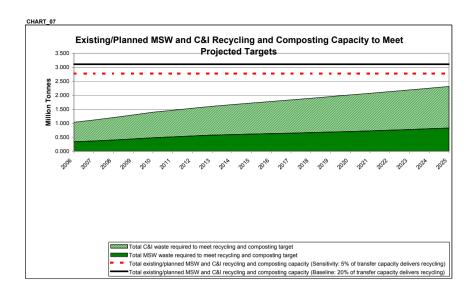
<sup>(</sup>s) EARI has assumed that 50% of the total transfer capacity will deliver recycling capacity (s) [2] EARI has assumed that 50% of the total transfer capacity eliver recycling capacity (s) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)

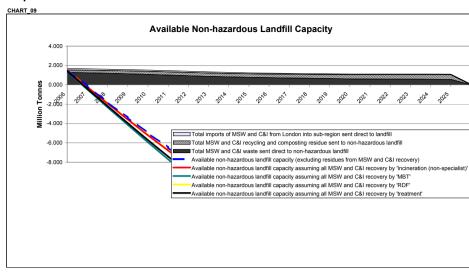
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

\_08: RESIDUE RATES (%)  Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Other																				
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calc	culations beca	ause these a	re not releva	ant to the ma	anagement o	of MSW, C8	and C&D.	These dat	a are include	ed for the pu	rposes of c	mpleteness	3.							
9: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (of waste managed):	2000	2000	2001	2000	2000	2010	2011		2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL	LULU	
MSW and C&I incineration (non-specialist) - bottom ash	0.084	0.091	0.099	0.107	0.116	0.126	0.142	0.159	0.177	0.193	0.209	0.216	0.223	0.230	0.237	0.245	0.242	0.239	0.236	0.233
MSW and C&I incineration (non-specialist) - fly ash	0.008	0.009	0.010	0.011	0.012	0.013	0.014	0.016	0.018	0.019	0.021	0.022	0.022	0.023	0.024	0.024	0.024	0.024	0.024	0.023
MSW and C&I to MBT	0.165	0.179	0.194	0.211	0.228	0.247	0.280	0.314	0.348	0.380	0.412	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458
MSW and C&I to RDF	0.033	0.036	0.039	0.043	0.046	0.050	0.057	0.064	0.071	0.077	0.084	0.086	0.089	0.092	0.095	0.098	0.097	0.096	0.094	0.093
MSW and C&I treatment - non-hazardous	0.126	0.136	0.148	0.161	0.174	0.188	0.213	0.239	0.266	0.290	0.314	0.324	0.335	0.345	0.356	0.367	0.363	0.359	0.354	0.350
MSW and C&I treatment - hazardous	0.014	0.015	0.016	0.018	0.019	0.021	0.024	0.027	0.030	0.032	0.035	0.036	0.037	0.038	0.040	0.041	0.040	0.040	0.039	0.039
	N/A N	N/A N	/A N/	/A N/	A N/				/A N/				N//	A N/	A N		N/A N	1/A 1	N/A N	/A I
Recycling residues (of waste managed):									-											
MSW and C&I recycling and composting	0.144	0.155	0.167	0.180	0.194	0.209	0.220	0.230	0.241	0.250	0.259	0.267	0.275	0.284	0.293	0.302	0.310	0.319	0.329	0.338
C&D recycling	0.097	0.099	0.101	0.103	0.105	0.107	0.107	0.107	0.107	0.107	0.107	0.112	0.116	0.120	0.125	0.129	0.129	0.129	0.129	0.129
	N/A N	N/A N	/A N/	/A N/	A N/	A N/	A N/	A N	/A N/	A N//	N/A	N/A	N//	A N/	/A N	VA N	N/A N	1/A 1	N/A N	/A
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	n the self-suffi	iciency requi	rements of F	PS10																
D: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)																				
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.241	0.254	0.268	0.283	0.300	0.317	0.327	0.338	0.348	0.357	0.366	0.378	0.391	0.404	0.417	0.430	0.439	0.448	0.457	0.467
1: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million	n Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																				
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.042	0.045	0.049	0.054	0.058	0.063	0.071	0.080	0.089	0.097	0.105	0.108	0.112	0.115	0.119	0.122	0.121	0.120	0.118	0.117
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.042	0.045	0.049	0.054	0.058	0.063	0.071	0.080	0.089	0.097	0.105	0.108	0.112	0.115	0.119	0.122	0.121	0.120	0.118	0.117
Total MSW and C&I residue sent to non-hazardous landfill	0.165	0.179	0.194	0.211	0.228	0.247	0.280	0.314	0.348	0.380	0.412	0.425	0.439	0.453	0.467	0.481	0.476	0.470	0.464	0.458
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.100	0.170	0.101	0.211	U.LLU	0.211	0.200	0.011	0.010	0.000	0.112	0.120	0.100	0.100	0.101	0.101	0.170	0.110	0.101	0.100
Total MSW and C&I residue sent to non-hazardous landfill	0.033	0.036	0.039	0.043	0.046	0.050	0.057	0.064	0.071	0.077	0.084	0.086	0.089	0.092	0.095	0.098	0.097	0.096	0.094	0.093
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.000	0.000	0.000	0.010	0.010	0.000	0.007	0.001	0.07 1	0.077	0.001	0.000	0.000	0.002	0.000	0.000	0.001	0.000	0.001	0.000
Total MSW and C&I residue sent to non-hazardous landfill	0.126	0.136	0.148	0.161	0.174	0.188	0.213	0.239	0.266	0.290	0.314	0.324	0.335	0.345	0.356	0.367	0.363	0.359	0.354	0.350
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lan	ndfill. In the c	original mode	l assumptior	ns developer	d MEL 50%	was assum	ed to go to	C&D recvcl	ing, rather th	nan to inert la	andfi									
2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)									•											
2. TOWNAGES OF CRU PROSED ON NON-HAZARDOUS AND INERT LANDFIEL (WIRINGIT TOTALES) (1) CRD reused on landfill sites	39 9	0/																		
(1) C&D reused on randini sites (1) C&D reused on exempt sites	61 9																			
(1) C&D reused on exempt sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'	30 9																			
	70 9																			
	.0 /	-																		
(1) C&D reused on landfill sites sent to 'inert landfill'							2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
(1) Gad reased on adronii shes setit (0 Their Iarionii	2005	2006	2007	2008	2009	2010														0.074
	2005 0.090							0.085	0.087	0.088	0.090	0.086	0.082	0.078	0.074	0.070	0.071	0.072	0.073	
(1) UXD reused on landhil sites sent to 'nent landhil'  Total C&D reused on non-hazardous landfill  Total reused C&D on inert landfill		2006 0.088 0.206	2007 0.087 0.203	2008 0.085 0.199	2009 0.084 0.196	0.082 0.192	0.084 0.196	0.085 0.199	0.087 0.203	0.088 0.206	0.090 0.210	0.086 0.201	0.082 0.191	0.078 0.182	0.074 0.173	0.070 0.163	0.071 0.166	0.072 0.168	0.073 0.170	0.074
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL	0.090 0.210	0.088 0.206	0.087 0.203	0.085 0.199	0.084 0.196	0.082 0.192	0.084 0.196	0.199												
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.090 0.210	0.088 0.206	0.087 0.203	0.085 0.199	0.084 0.196	0.082 0.192	0.084 0.196	0.199												
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	0.090 0.210 upplied by eac	0.088 0.206 och sub-region	0.087 0.203 n has accour	0.085 0.199 inted for C&E	0.084 0.196 D reuse as a	0.082 0.192 an engineer	0.084 0.196 ing material.	0.199	0.203	0.206	0.210	0.201	0.191	0.182	0.173	0.163	0.166	0.168	0.170	0.173
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su 8: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.090 0.210 upplied by eac	0.088 0.206 ach sub-region 2006	0.087 0.203	0.085 0.199 inted for C&E	0.084 0.196 D reuse as a	0.082 0.192 an engineer	0.084 0.196 ing material.	0.199	0.203	0.206 2014	2015	2016	2017	2018	2019	0.163	0.166 2021	2022	0.170 2023	
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  : TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.090 0.210 upplied by eac	0.088 0.206 ach sub-region 2006	0.087 0.203 n has accour	0.085 0.199 inted for C&E	0.084 0.196 D reuse as a	0.082 0.192 an engineer	0.084 0.196 ing material.	0.199	0.203	0.206 2014	2015	2016	2017	2018	2019	0.163	0.166 2021	2022	0.170 2023	0.173
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.090 0.210 upplied by eac	0.088 0.206 ach sub-region 2006	0.087 0.203 n has accour	0.085 0.199 inted for C&E	0.084 0.196 D reuse as a	0.082 0.192 an engineer	0.084 0.196 ing material.	0.199	0.203	0.206 2014	2015	2016	2017	2018	2019	0.163	0.166 2021	2022	0.170 2023	0.173
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (t) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  : TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  : TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.090 0.210 upplied by eac 2005 N/A N	0.088 0.206 uch sub-region 2006 N/A N	0.087 0.203 n has accour 2007 I/A N/A	0.085 0.199 unted for C&E 2008 /A N//	0.084 0.196 D reuse as a 2009 A N/	0.082 0.192 an engineer 2010 A N/	0.084 0.196 ing material. 2011 A N/A	0.199 - 2012 A N	0.203 2013 /A N/s	0.206 2014 A N//	2015 A N// 2015	2016 N/A	2017 2017 2017	0.182 2018 A N/ 2018	0.173 2019 /A N	2020 N/A N	0.166 2021 N/A N	0.168 2022 I/A 1	0.170 2023 N/A N 2023	0.173 2024 I/A I
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su : TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill : TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration"	0.090 0.210 upplied by eac 2005 N/A N	0.088 0.206 0.206 och sub-region 2006 N/A N	0.087 0.203 n has accour 2007	0.085 0.199 unted for C&E 2008 //A N//	0.084 0.196 D reuse as a 2009	0.082 0.192 an engineer 2010 A N/	0.084 0.196 ing material. 2011 A N/A	0.199 2012 A N	0.203 2013 /A N/	0.206 2014 A N//	0.210 2015 A N//	0.201 2016 N/A	0.191 2017 N//	0.182 2018 A N/	0.173 2019 /A N	0.163 2020 VA N	0.166 2021 N/A N	0.168 2022 I/A	0.170 2023 N/A N	0.173 2024 I/A
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (t) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration'	0.090 0.210 upplied by eac 2005 N/A N 2005	0.088 0.206 uch sub-region 2006 N/A N 2006	0.087 0.203 n has accour 2007 I/A N/ 2007	0.085 0.199 unted for C&E 2008 //A N// 2008	0.084 0.196 D reuse as a 2009 A N/ 2009	0.082 0.192 an engineer 2010 A N/ 2010	0.084 0.196 ing material. 2011 A N/s 2011	0.199 2012 A No. 2012 0.016	2013 /A N/s 2013 0.018	0.206 2014 A N// 2014 0.019	2015 A N// 2015 0.021	2016 2016 2016 0.022	2017 N// 2017 0.022	0.182 2018 A N/ 2018 0.023	0.173 2019 (A N 2019 0.024	0.163 2020 N/A N 2020 0.024	0.166 2021 N/A N 2021 0.024	0.168 2022 N/A 1 2022 0.024	0.170 2023 N/A N 2023 0.024	0.173 2024 I/A I 2024 0.023
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (f) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.090 0.210 upplied by eac 2005 N/A N	0.088 0.206 uch sub-region 2006 N/A N	0.087 0.203 n has accour 2007 I/A N/A	0.085 0.199 unted for C&E 2008 /A N//	0.084 0.196 D reuse as a 2009 A N/	0.082 0.192 an engineer 2010 A N/	0.084 0.196 ing material. 2011 A N/A	0.199 - 2012 A N	0.203 2013 /A N/s	0.206 2014 A N//	2015 A N// 2015	2016 N/A	2017 2017 2017	0.182 2018 A N/ 2018	0.173 2019 /A N	2020 N/A N	0.166 2021 N/A N	0.168 2022 I/A 1	0.170 2023 N/A N 2023	0.173 2024 I/A I
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse no inert and non-hazardous landfill is not included within the charts because it has been assumed that data su TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)	0.090 0.210 upplied by eac 2005 N/A N 2005 0.008	0.088 0.206 ich sub-region 2006 N/A N 2006 0.009	0.087 0.203 n has accour 2007 I/A N/A 2007 0.010	0.085 0.199 Inted for C&E 2008 /A N// 2008 0.011	0.084 0.196 D reuse as a 2009 A N/ 2009 0.012	0.082 0.192 an engineer 2010 A N/ 2010 0.013	0.084 0.196 ing material. 2011 A N/A 2011 0.014	0.199 2012 A N. 2012 0.016 0.000	0.203  2013 /A N/.  2013  0.018  0.000	0.206  2014 A N// 2014  0.019  0.000	2015 A N/// 2015 0.021	2016 N/A 2016 0.022	2017 2017 2017 0.022 0.000	2018 A N/ 2018 0.023	2019 /A N 2019 0.024	0.163 2020 0.024 0.000	0.166 2021 0.024 0.000	2022 2022 0.024	2023 N/A N 2023 0.024	0.173 2024 1//A I 2024 0.023 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (f) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su : TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill : TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.090 0.210 upplied by eac 2005 N/A N 2005	0.088 0.206 uch sub-region 2006 N/A N 2006	0.087 0.203 n has accour 2007 I/A N/ 2007	0.085 0.199 unted for C&E 2008 //A N// 2008	0.084 0.196 D reuse as a 2009 A N/ 2009	0.082 0.192 an engineer 2010 A N/ 2010	0.084 0.196 ing material. 2011 A N/s 2011	0.199 2012 A No. 2012 0.016	2013 /A N/s 2013 0.018	0.206 2014 A N// 2014 0.019	2015 A N// 2015 0.021	2016 2016 2016 0.022	2017 N// 2017 0.022	0.182 2018 A N/ 2018 0.023	0.173 2019 (A N 2019 0.024	0.163 2020 N/A N 2020 0.024	0.166 2021 N/A N 2021 0.024	0.168 2022 N/A 1 2022 0.024	0.170 2023 N/A N 2023 0.024	0.173 2024 1//A 2024 0.023
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su : TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill : TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.090 0.210 upplied by eac 2005 N/A N 2005 0.008	0.088 0.206 Ich sub-region 2006 N/A N 2006 0.009	0.087 0.203 In has accour 2007 2007 0.010 0.000	0.085 0.199 Inited for C&E 2008 //A N// 2008 0.011 0.000	0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000	0.082 0.192 an engineer 2010 A N/ 2010 0.013 0.000	0.084 0.196 ing material. 2011 A N/ 2011 0.014 0.000	2012 A N 2012 0.016 0.000	2013 2013 2013 2013 0.018 0.000	2014 A N/// 2014 0.019 0.000	2015 A N/// 2015 0.021 0.000	2016 N/A 2016 0.022 0.000	2017 2017 2017 0.022 0.000 0.000	2018 A N/ 2018 0.023 0.000	2019 (A N 2019 0.024 0.000	2020 WA N 2020 0.024 0.000	0.166  2021  WA N  2021  0.024  0.000	0.168 2022 N/A 1 2022 0.024 0.000 0.000	0.170  2023  N/A  N/A  0.024  0.000  0.000	0.173 2024 1//A 1 2024 0.023 0.000 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (f) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su :TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill :TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill	0.090 0.210 upplied by eac 2005 N/A N 2005 0.008	0.088 0.206 ich sub-region 2006 N/A N 2006 0.009	0.087 0.203 n has accour 2007 I/A N/A 2007 0.010	0.085 0.199 Inted for C&E 2008 /A N// 2008 0.011	0.084 0.196 D reuse as a 2009 A N/ 2009 0.012	0.082 0.192 an engineer 2010 A N/ 2010 0.013	0.084 0.196 ing material. 2011 A N/A 2011 0.014	0.199 2012 A N. 2012 0.016 0.000	0.203  2013 /A N/.  2013  0.018  0.000	0.206  2014 A N// 2014  0.019  0.000	2015 A N/// 2015 0.021	2016 N/A 2016 0.022	2017 2017 2017 0.022 0.000	2018 A N/ 2018 0.023	2019 /A N 2019 0.024	0.163 2020 0.024 0.000	0.166 2021 0.024 0.000	2022 2022 0.024	2023 N/A N 2023 0.024	0.173 2024 1//A I 2024 0.023 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su : TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill : TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.090 0.210 upplied by eac 2005 N/A N 2005 0.008 0.000 0.000	0.088 0.206 Ich sub-region 2006 N/A N 2006 0.009 0.000	0.087 0.203 In has accour 2007 2007 0.010 0.000 0.000	0.085 0.199 Inted for C&E 2008 /A N// 2008 0.011 0.000 0.000	0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000	0.082 0.192 an engineer 2010 A N/ 2010 0.013 0.000	0.084 0.196 ing material. 2011 A N/ 2011 0.014 0.000	2012 A N 2012 0.016 0.000	2013 2013 2013 2013 0.018 0.000	2014 A N/// 2014 0.019 0.000	2015 A N/// 2015 0.021 0.000	2016 N/A 2016 0.022 0.000	2017 2017 2017 0.022 0.000 0.000	2018 A N/ 2018 0.023 0.000	2019 (A N 2019 0.024 0.000	2020 WA N 2020 0.024 0.000	0.166  2021  WA N  2021  0.024  0.000	0.168 2022 N/A 1 2022 0.024 0.000 0.000	0.170  2023  N/A  N/A  0.024  0.000  0.000	0.173 2024 1//A 1 2024 0.023 0.000 0.000
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  ETOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  ETOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of ma	0.090 0.210 upplied by eac 2005 N/A N 2005 0.008 0.000 0.000 0.014 anaged waste	0.088 0.206 cch sub-region 2006 N/A N 2006 0.009 0.000 0.000	0.087 0.203 n has accour 2007 I/A N/ 2007 0.010 0.000 0.000 0.016 lable capacit	0.085 0.199 Inited for C&E 2008 /A N// 2008 0.011 0.000 0.000 0.018	0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000 0.019	0.082 0.192 an engineer 2010 A N/ 2010 0.013 0.000 0.000	0.084 0.196 ing material. 2011 A N/ 2011 0.014 0.000 0.000	2012 A N 2012 0.016 0.000 0.000	2013 /A N// 2013 0.018 0.000 0.000	2014 A N// 2014 0.019 0.000 0.000	2015 A N// 2015 0.021 0.000 0.000	2016 N/A 2016 0.022 0.000 0.000	2017 N// 2017 0.022 0.000 0.000	2018 A N/ 2018 0.023 0.000 0.000	2019 (A N 2019 0.024 0.000 0.000 0.040	0.163 2020 N/A N 2020 0.024 0.000 0.000	0.166  2021  0.024  0.000  0.000  0.040	0.168  2022  IVA  2022  0.024  0.000  0.000  0.040	2023 N/A N 2023 0.024 0.000 0.000	0.173 2024 2024 0.023 0.000 0.000 0.039
Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW aND C&I recycling and composting residue sent to hazardous landfill 4: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MSP (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of mal 5: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tor	0.090 0.210  upplied by eac  2005 N/A  0.008 0.000 0.000 0.014 anaged waste  nnes) 2005	0.088 0.206 Ich sub-region 2006 N/A N 2006 0.009 0.000	0.087 0.203 In has accour 2007 2007 0.010 0.000 0.000 0.016 lable capacit	0.085 0.199 Inted for C&E 2008 /A N/// 2008 0.011 0.000 0.000 0.018 ity.	0.084 0.196 D reuse as a 2009 A N/ 2009 0.012 0.000 0.000	0.082 0.192 an engineer 2010 A N/ 2010 0.013 0.000 0.000	0.084 0.196 ing material. 2011 A N/. 2011 0.014 0.000 0.000	2012 A N. 2012 0.016 0.000 0.000 0.027	2013 /A N// 2013 0.018 0.000 0.000 0.030	2014 A N/A 2014 0.019 0.000 0.000	2015 A N/A 2015 0.021 0.000 0.000	2016 N/A 2016 0.022 0.000 0.000 0.036	2017 2017 2017 0.022 0.000 0.000	2018 A N/ 2018 0.023 0.000 0.000	2019 A N 2019 0.024 0.000 0.000	0.163  2020  N/A  2020  0.024  0.000  0.001	0.166  2021  0.024  0.000  0.000  0.040	0.168  2022  I/A  2022  0.024  0.000  0.000  0.040	2023 N/A N 2023 0.024 0.000 0.000 0.039	0.173 2024 1//A 1 2024 0.023 0.000 0.000

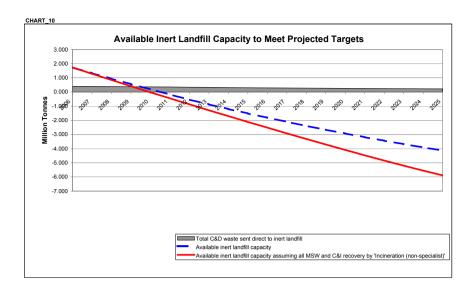












#### SUMMARY DATA AND RESULTS FOR ISLE OF WIGHT

MANAGED W	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw imports	s from london that are sent direct to non-hazardous landfill		0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.127
nsw - imports c&i	a non-nondon that are sent direct to non-nazardous fandilli		0.137	0.140	0.144	0.147	0.151	0.154	0.157	0.160	0.164	0.167	0.169	0.172	0.174	0.000	0.180	0.000	0.183	0.185	0.187	0.189
	from london that are sent direct to non-hazardous landfill		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&d hazardous			0.171	0.171 0.003	0.171	0.171	0.171 0.003	0.171 0.003	0.171	0.171	0.171	0.171	0.171 0.004	0.171 0.004	0.171 0.004	0.171	0.171 0.004	0.171 0.004	0.171	0.171 0.004	0.171	0.171
lazardous			0.003	0.003	0.000	0.000	0.005	0.003	0.000	0.005	0.003	0.000	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SW	LATS shortfall (how much extra is landfilled above LATS target) Recycling and composting target		0.003 0.031	0.003 0.034	0.002 0.036	0.002 0.039	0.002 0.041	0.003 0.045	0.004 0.048	0.005 0.052	0.003 0.054	0.001 0.055	0.001 0.057	0.001 0.059	0.000 0.061	0.000	0.000	0.000	0.000	0.000 0.072	0.000 0.074	0.000
	Recovery target		0.006	0.008	0.009	0.033	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.031
	Non-hazardous landfill		0.052	0.051	0.049	0.048	0.045	0.041	0.036	0.032	0.030	0.028	0.026	0.025	0.023	0.022	0.020	0.020	0.020	0.020	0.020	0.020
i	Recycling and composting target		0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.123
	Recovery target Non-hazardous landfill		0.019	0.020	0.021	0.022	0.023	0.025 0.051	0.027	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.03
d	Recycling target		0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.10
	Recovery target		0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.05
zardous	Inert landfill Hazardous waste		0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.01
aiuous	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume															0.004	0.004	0.004	0.004	0.004	0.00
										-	-											
STING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE	(Million 10 2006	nnes) 2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
W and C&	I recovery		2000	2007	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2011	2010	2010	LULU	LULI	LULL			
	Total existing/planned MSW and C&I recovery capacity		0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
/ and Co	Surplus/deficit capacity I recycling and composting		0.054	0.052	0.050	0.047	0.045	0.040	0.035	0.029	0.025	0.020	0.018	0.016	0.014	0.012	0.009	0.010	0.011	0.012	0.013	0.01
anu oa	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.07
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.0
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.019	-0.026	-0.032	-0.040	-0.047	-0.054	-0.061	-0.067	-0.072	-0.078	-0.082	-0.087	-0.092	-0.098	-0.103	-0.108	-0.113	-0.119	-0.124	-0.1
recycling	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.033	-0.039	-0.046	-0.053	-0.061	-0.067	-0.074	-0.080	-0.086	-0.091	-0.096	-0.101	-0.106	-0.111	-0.116	-0.121	-0.127	-0.132	-0.137	-0.1
o rooyoming	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Surplus/deficit capacity		-0.078	-0.080	-0.082	-0.084	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.089	-0.092	-0.096	-0.099	-0.102	-0.102	-0.102	-0.102	-0.102	-0.10
recovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.30
	Surplus/deficit capacity		1.733	1.651	1.569	1.486	1.404	1.382	1.360	1.338	1.316	1.294	1.266	1.237	1.202	1.180	1.152	1.172	1.192	1.212	1.232	1.25
ardous wa	aste recycling																					
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
ardoue ws	Surplus/deficit capacity aste recovery		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
aiuous wa	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/
hazardou			0.950	0.817	0.685	0.555	0.428	0.304	0.185	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.528	-0.621	-0.711	-0.801	-0.892	-0.983	-1.0
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950	0.817	0.665	0.555	0.426	0.304	0.156	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.526	-0.621	-0.711	-0.601	-1.023	-1.124	-1.0
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.950	0.801	0.653	0.506	0.360	0.215	0.072	-0.068	-0.205	-0.341	-0.476	-0.611	-0.745	-0.879	-1.012	-1.144	-1.276	-1.407	-1.538	-1.6
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.950	0.814	0.679	0.545	0.414	0.286	0.162	0.043	-0.070	-0.180	-0.287	-0.393	-0.497	-0.599	-0.700	-0.799	-0.898	-0.997	-1.096	-1.19
t landfill	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.950	0.805	0.661	0.518	0.376	0.236	0.099	-0.035	-0.165	-0.293	-0.420	-0.546	-0.671	-0.796	-0.919	-1.041	-1.163	-1.285	-1.406	-1.52
t landiii	Available inert landfill capacity		0.000	-0.032	-0.063	-0.093	-0.123	-0.152	-0.180	-0.207	-0.233	-0.258	-0.282	-0.305	-0.327	-0.349	-0.370	-0.391	-0.411	-0.430	-0.448	-0.46
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.036	-0.071	-0.106	-0.140	-0.175	-0.209	-0.242	-0.276	-0.309	-0.342	-0.374	-0.407	-0.438	-0.470	-0.501	-0.531	-0.561	-0.589	-0.61
ardous la	ndfill Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
	·																					
A_01: AI	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5
	Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111%	114%	117%	120%	122%	125%	127%	130%	133%	135%	137%	139%	141%	143%	145%	147%	149%	152%	154
	Total arisings of MSW using regional growth forecasts	0.088	0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.12
	Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%)	3.0% 106%	2.5% 109%	2.5% 111%	2.5% 114%	2.5% 117%	2.5% 120%	2.0% 122%	2.0% 125%	2.0% 127%	2.0% 130%	2.0% 133%	1.5% 135%	1.5% 137%	1.5% 139%	1.5% 141%	1.5% 143%	1.5% 145%	1.5% 147%	1.5% 149%	1.5% 152%	1.5 <sup>1</sup> 154 <sup>1</sup>
(1)	Total arisings of MSW using sub-regional growth forecasts	0.088	0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.12
	Arisings of C&I in baseline year																					
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
(1)	Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	117% 0.134	120% 0.137	123%	126% 0.144	130%	133% 0.151	136% 0.154	138% 0.157	141% 0.160	144% 0.164	147% 0.167	149% 0.169	151% 0.172	153% 0.174	156% 0.177	158% 0.180	160% 0.181	161% 0.183	163% 0.185	164% 0.187	166
(1)	Forecast sub-regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
	Forecast sub-regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	166
	Total arisings of C&I using sub-regional growth forecasts	0.134	0.137	0.140	0.144	0.147	0.151	0.154	0.157	0.160	0.164	0.167	0.169	0.172	0.174	0.177	0.180	0.181	0.183	0.185	0.187	0.18
	Arisings of hazardous waste in baseline year	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1 50/	1 50/	1.0%	1.0%	1.0%	1.0%	1.0
(2)	Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	3.3% 107%	109%	2.5% 112%	115%	2.5% 118%	121%	123%	126%	128%	131%	133%	1.5%	1.5%	1.5%	1.5% 141%	1.5% 144%	1.0%	1.0%	1.0%	1.0%	1.0
	Total arisings of hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.0
(2)	Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1.0
	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	107% 0.003	109%	112% 0.003	115% 0.003	118% 0.003	121% 0.003	123% 0.003	126% 0.003	128% 0.003	131%	133%	135% 0.004	137% 0.004	139% 0.004	141% 0.004	144%	145% 0.004	146% 0.004	148% 0.004	149% 0.004	151
i	Total arisings of hazardous waste  Total managed C&D in baseline year	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.00
(3)	Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
	Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100
(3)	Total managed of C&D for the sub-region	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.17

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

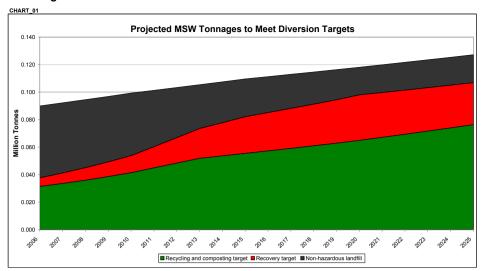
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

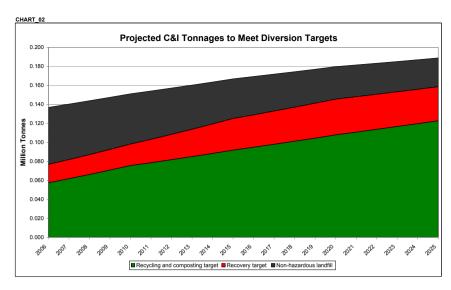
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

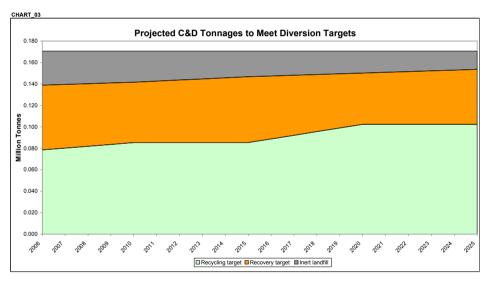
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tornage arisings of MSW and C&I in the sub-region.

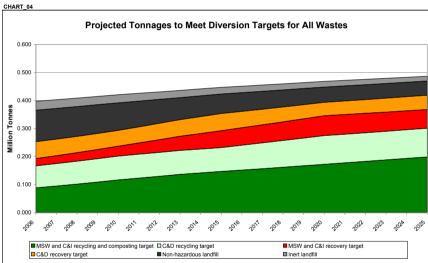
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.088	0.090	0.092	0.094	0.097	0.099	0.101	0.103	0.105	0.107	0.110	0.111	0.113	0.115	0.116	0.118	0.120	0.122	0.123	0.125	0.127
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&i		0.134	0.137	0.140	0.144	0.147	0.151	0.154	0.157	0.160	0.164	0.167	0.169	0.172	0.174	0.177	0.180	0.181	0.183	0.185	0.187	0.189
c&I - impor	s from london that are sent direct to non-hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
c&d		0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171	0.171
hazardous		0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.035	0.034	0.034	0.033	0.032	0.030	0.027	0.023	0.020	0.019	0.018	0.018	0.017	0.016	0.015	0.014	0.014	0.014	0.014	0.014	0.014
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

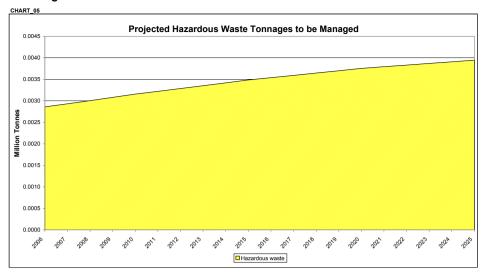
DATA_05	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.031	0.035	0.039	0.043	0.047	0.052	0.057	0.063	0.069	0.075	0.081	0.084	0.088	0.091	0.094	0.098	0.100	0.101	0.103	0.105	0.107
	Total MSW not-diverted by targets	0.057	0.055	0.054	0.052	0.050	0.048	0.044	0.040	0.037	0.033	0.028	0.027	0.025	0.024	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.039	0.038	0.036	0.035	0.034	0.032	0.030	0.028	0.025	0.022	0.019	0.018	0.017	0.016	0.015	0.014	0.014	0.014	0.014	0.014	0.014
	LATS shortfall (how much extra is landfilled above LATS target)	0.004	0.003	0.003	0.002	0.002	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.001	0.001	0.001	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.030	0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074	0.076
	Recovery target	0.005	0.006	0.008	0.009	0.011	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.031
	Non-hazardous landfill	0.053	0.052	0.051	0.049	0.048	0.045	0.041	0.036	0.032	0.030	0.028	0.026	0.025	0.023	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.053	0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.123
COL	Recovery target	0.033	0.037	0.020	0.000	0.022	0.023	0.025	0.002	0.029	0.000	0.032	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.036
	Non-hazardous landfill	0.061	0.060	0.058	0.057	0.055	0.053	0.051	0.049	0.046	0.044	0.042	0.040	0.039	0.037	0.036	0.034	0.033	0.033	0.032	0.031	0.030
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
	Recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
	Inert landfill	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
DATA 06	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.083	0.089	0.095	0.102	0.109	0.117	0.123	0.130	0.137	0.142	0.147	0.152	0.157	0.162	0.167	0.173	0.178	0.183	0.188	0.194	0.199
	C&D recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
	MSW and C&I recovery target	0.024	0.026	0.028	0.030	0.033	0.035	0.040	0.045	0.051	0.055	0.060	0.062	0.064	0.066	0.068	0.071	0.070	0.069	0.068	0.067	0.066
	C&D recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
	Non-hazardous landfill	0.115	0.112	0.109	0.106	0.102	0.098	0.092	0.085	0.078	0.074	0.069	0.066	0.064	0.061	0.058	0.054	0.054	0.053	0.052	0.051	0.051
	Inert landfill	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
	Hazardous waste	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004









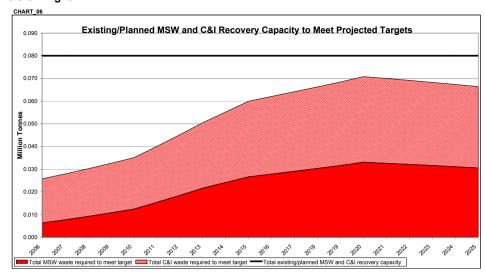


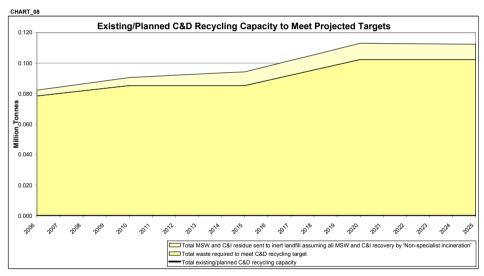
DATA 07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTA	

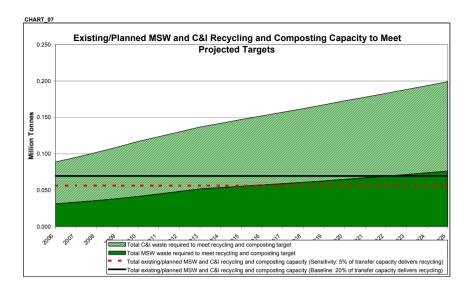
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
Total existing/planned MSW and C&I recovery capacity	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
Total MSW waste required to meet target	0.005	0.006	0.008	0.009	0.011	0.012	0.015	0.018	0.022	0.024	0.027	0.028	0.029	0.030	0.032	0.033	0.033	0.032	0.032	0.031	0.031
Total C&I waste required to meet target	0.019	0.019	0.020	0.021	0.022	0.023	0.025	0.027	0.029	0.031	0.033	0.034	0.035	0.036	0.037	0.038	0.037	0.037	0.037	0.036	0.036
Surplus/deficit capacity	0.056	0.054	0.052	0.050	0.047	0.045	0.040	0.035	0.029	0.025	0.020	0.018	0.016	0.014	0.012	0.009	0.010	0.011	0.012	0.013	0.014
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088	0.088
Total existing/planned MSW and C&I composting capacity	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Total MSW waste required to meet recycling and composting target	0.030	0.031	0.034	0.036	0.039	0.041	0.045	0.048	0.052	0.054	0.055	0.057	0.059	0.061	0.063	0.065	0.067	0.069	0.072	0.074	0.076
Total C&I waste required to meet recycling and composting target	0.053	0.057	0.062	0.066	0.071	0.076	0.079	0.082	0.085	0.088	0.092	0.095	0.098	0.101	0.104	0.108	0.111	0.114	0.117	0.120	0.123
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.013	-0.019	-0.026	-0.032	-0.040	-0.047	-0.054	-0.061	-0.067	-0.072	-0.078	-0.082	-0.087	-0.092	-0.098	-0.103	-0.108	-0.113	-0.119	-0.124	-0.129
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.027	-0.033	-0.039	-0.046	-0.053	-0.061	-0.067	-0.074	-0.080	-0.086	-0.091	-0.096	-0.101	-0.106	-0.111	-0.116	-0.121	-0.127	-0.132	-0.137	-0.143
C&D recycling																					
(3) Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.077	0.078	0.080	0.082	0.084	0.085	0.085	0.085	0.085	0.085	0.085	0.089	0.092	0.096	0.099	0.102	0.102	0.102	0.102	0.102	0.102
Surplus/deficit capacity	-0.077	-0.078	-0.080	-0.082	-0.084	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.089	-0.092	-0.096	-0.099	-0.102	-0.102	-0.102	-0.102	-0.102	-0.102
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.061	0.060	0.059	0.058	0.057	0.056	0.057	0.058	0.059	0.060	0.061	0.059	0.056	0.053	0.051	0.048	0.048	0.049	0.050	0.051	0.051
Surplus/deficit capacity	1.816	1.733	1.651	1.569	1.486	1.404	1.382	1.360	1.338	1.316	1.294	1.266	1.237	1.209	1.180	1.152	1.172	1.192	1.212	1.232	1.252
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A									
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.950	0.817	0.685	0.555	0.428	0.304	0.185	0.072	-0.036	-0.139	-0.239	-0.337	-0.433	-0.528	-0.621	-0.711	-0.801	-0.892	-0.983	-1.073
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.950	0.813	0.677	0.543	0.411	0.281	0.156	0.036	-0.079	-0.191	-0.299	-0.407	-0.513	-0.617	-0.720	-0.821	-0.922	-1.023	-1.124	-1.224
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.950	0.801	0.653	0.506	0.360	0.215	0.072	-0.068	-0.205	-0.341	-0.476	-0.611	-0.745	-0.879	-1.012	-1.144	-1.276	-1.407	-1.538	-1.668
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.950	0.814	0.679	0.545	0.414	0.286	0.162	0.043	-0.070	-0.180	-0.287	-0.393	-0.497	-0.599	-0.700	-0.799	-0.898	-0.997	-1.096	-1.194
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.950	0.805	0.661	0.518	0.376	0.236	0.099	-0.035	-0.165	-0.293	-0.420	-0.546	-0.671	-0.796	-0.919	-1.041	-1.163	-1.285	-1.406	-1.527
Total MSW and C&I waste sent direct to non-hazardous landfill		0.112	0.109	0.106	0.102	0.098	0.092	0.085	0.078	0.074	0.069	0.066	0.064	0.061	0.058	0.054	0.054	0.053	0.052	0.051	0.051
Inert landfill																					
Available inert landfill capacity		0.000	-0.032	-0.063	-0.093	-0.123	-0.152	-0.180	-0.207	-0.233	-0.258	-0.282	-0.305	-0.327	-0.349	-0.370	-0.391	-0.411	-0.430	-0.448	-0.466
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.036	-0.071	-0.106	-0.140	-0.175	-0.209	-0.242	-0.276	-0.309	-0.342	-0.374	-0.407	-0.438	-0.470	-0.501	-0.531	-0.561	-0.589	-0.617
Total C&D waste sent direct to inert landfill	0.032	0.032	0.031	0.030	0.030	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.021	0.020	0.020	0.019	0.018	0.018	0.017
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	1	I/A N	I/A N	/A N	A N	/A N	/A N	/A N	/A N	I/A N/	/A N	/A N	/A N	/A N	/A N	/A N	/A N	/A N	I/A N/	/A N	/A
Other	0.445	0.445	0.445	0.446	0.440	0.440	0.445	0.445	0.446	0.440	0.445	0.446	0.440	0.440	0.440	0.446	0.446	0.445	0.446	0.440	0.440
Metal/ELV facility	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110 0.000	0.110	0.110 0.000	0.110 0.000	0.110	0.110	0.110	0.110 0.000	0.110	0.110	0.110	0.110
Ignored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.000	0.000	0.000		0.000	0.000	0.000	0.000
											0.000										0.000
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

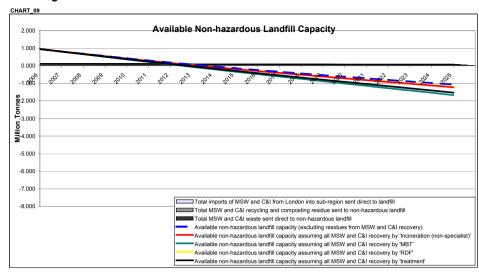
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer capacity will deliver recycling capacity
(3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

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DATA_08: RESIDUE RATES (%) Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12 45	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous MSW and C&I treatment - hazardous	45 5	45	45	45 5	45 5	45 5	45	45	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45 5	45	45	45	45 5
miswalia carteatinen - nazarious Hazardous waste recoverv	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																					
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling Hazardous waste recycling	10	10	10	10	10 5	10	10	10	10	10	10	10	10	10	10 5	10	10	10	10	10	10 5
Other	5	3	5	5	5	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: The appoint and all developed by FDM for this should do not include the appoint on the Others' area in its						-f MCM/ C	01	These de													
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its ca	ilculations bec	ause mese a	re not relev	ant to the m	anagement	OI IVISVV, C	ai and Cad.	. These da	ta are includ	eu ioi trie pi	urposes or c	completenes	ss.								
DATA_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (of waste managed):																					
MSW and C&I incineration (non-specialist) - bottom ash	0.007	0.008	0.008	0.009	0.010	0.011	0.012	0.014	0.015	0.017	0.018	0.019	0.019	0.020	0.021	0.021	0.021	0.021	0.020	0.020	0.020
MSW and C&I incineration (non-specialist) - fly ash	0.001	0.001	0.001	0.001 0.018	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
MSW and C&I to MBT MSW and C&I to RDF	0.014	0.015	0.016	0.018	0.019	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.038	0.039	0.040	0.042	0.041	0.041	0.040	0.040	0.039
MSW and C&I to RDF MSW and C&I treatment - non-hazardous	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008		0.008
MSW and C&I treatment - hazardous	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.023	0.003	0.023	0.003	0.003	0.003	0.004	0.003	0.003	0.003		0.003
Hazardous waste recovery				I/A N			I/A N/		I/A N/							/A N					
Recycling residues (of waste managed):																					
MSW and C&I recycling and composting	0.012	0.013	0.014	0.015	0.016	0.018	0.019	0.020	0.021	0.021	0.022	0.023	0.024	0.024	0.025	0.026	0.027	0.027	0.028	0.029	0.030
C&D recycling Hazardous waste recycling	0.008 N/A	0.008 N/A N	0.008 N A/I	0.008 J/A N	0.008 VA N	0.009 /A N	0.009 I/A N/	0.009	0.009 I/A N/	0.009 'A N/	0.009 'A N/	0.009 'A N/	0.009 A N/	0.010 A N/	0.010 A N	0.010 /A N	0.010 /A N/	0.010	0.010 /A N/		0.010
Trazardoda waste recycling	1975	10/75	<i>I</i>	W/A 18	<i>I</i> /A 13	, n	W/A 190	, , , , , , , , , , , , , , , , , , ,	U/S 190	A 10	A 100	A 10	A 10	A 180	A 18	// 10	// 19/	/A 180	100	1 10//	
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince w	ith the self-suff	iciency requi	rements of	PPS10.																	
DATA_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.020	0.021	0.022	0.024	0.025	0.026	0.027	0.028	0.029	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038	0.038		0.040
Total wow and our recycling and composing residue sent to normalizations sanding	0.020	0.021	0.022	0.024	0.023	0.020	0.021	0.020	0.029	0.030	0.031	0.032	0.033	0.034	0.033	0.030	0.037	0.036	0.036	0.039	0.040
DATA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Milli-	on Tonnes)																				
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.004 0.004	0.004 0.004	0.004	0.005 0.005	0.005 0.005	0.005	0.006	0.007 0.007	0.008 800.0	0.008	0.009	0.009	0.010 0.010	0.010 0.010	0.010 0.010	0.011	0.010	0.010 0.010	0.010 0.010	0.010 0.010	0.010
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.004	0.004	0.004	0.005	0.005	0.005	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011	0.010	0.010	0.010	0.010	0.010
Total MSW and C&I residue sent to non-hazardous landfill	0.014	0.015	0.016	0.018	0.019	0.021	0.024	0.027	0.030	0.033	0.035	0.037	0.038	0.039	0.040	0.042	0.041	0.041	0.040	0.040	0.039
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.005	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.011	0.012	0.013	0.014	0.015	0.016	0.018	0.020	0.023	0.025	0.027	0.028	0.029	0.030	0.031	0.032	0.031	0.031	0.031	0.030	0.030
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert I	andfill. In the o	riginal mode	l assumptio	ns develope	d MFI 50%	was assur	med to go to	C&D recvo	ling rather t	han to inert	landfi										
()							9														
DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)																					
(1) C&D reused on landfill sites	39																				
(1) C&D reused on exempt sites	61 30																				
(1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inert landfill'	70																				
(1) Gab reased on landing sites sent to merchanding	70	70																			
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d Total C&D reused on non-hazardous landfill	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Total reused C&D on inert landfill	0.017	0.016	0.016	0.016	0.016	0.015	0.016	0.016	0.016	0.016	0.017	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.014	0.014	0.014
(1) C&D reuse rates based on original model assumptions developed MEL																					
NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data	supplied by ea	ch sub-regio	n has accou	unted for C&	D reuse as	an enginee	ring material														
	оарриса ву са	on out region		311100 101 00	10 10000 00	an onginoo	ing material														
DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
T	2005	2006	2007	2008	2009	2010	2011	2012	2013 I/A N/	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to hazardous landfill	N/A	N/A N	/A N	I/A N	/A N	/A N	I/A N/	/A N	I/A N/	A N/	A N/	A N/	A N	A N/.	A N	/A N	/A N/	/A N	/A N//	A N/A	
DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
,	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.000	5.000	5.500	0.000	0.000	5.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.500	5.500	0.000	0.000	0.000	2.000
Total MSW and C&I residue sent to hazardous landfill	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.003	0.003
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of r	nanaged waste	e versus avai	lable capac	city.																	
DATA_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million T	onnoc)																				
DATA_16. TOTAL DAZARDOGS WASTE RESIDUE FROM RECOVERT AND RECTULING SENT TO HAZARDOGS LANDFILL (MIIIION I	onnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total hazardous waste recycling and recovery residue sent to hazardous landfill				I/A N			I/A N/		I/A N/												<u> </u>
																-					

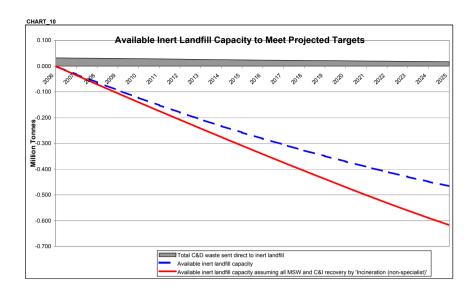












#### SUMMARY DATA AND RESULTS FOR KENT

	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
1SW	VASTE USED TO GENERATE RESULTS (MIIIIOTI TOTTIES)		0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219	
	s from london that are sent direct to non-hazardous landfill		0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	
&i			1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558	
&I - imports fi &d	from london that are sent direct to non-hazardous landfill		0.131 2.600	0.128 2.600	0.125 2.600	0.121 2.600	0.118 2.600	0.111 2.600	0.105 2.600	0.098 2.600	0.092 2.600	0.085 2.600	0.081 2.600	0.078 2.600	0.074 2.600	0.071 2.600	0.067 2.600	0.066 2.600	0.064 2.600	0.062 2.600	0.061 2.600	
azardous			0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	
ara a a a a a a a a a a a a a a a a a a			0.100	0.111	0.110	0.110	0.110	0.122	0.121	0.120	0.120	0.102	0.101	0.100	0.100	0.110	0.112	0.110	0.110	0.110	0.110	
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	LATS shortfall (how much extra is landfilled above LATS target)		-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001 0.719	
	Recycling and composting target		0.280 0.056	0.305 0.070	0.331 0.085	0.358	0.405	0.439	0.473 0.180	0.506	0.523	0.541	0.558	0.576	0.594 0.296	0.612	0.632	0.653		0.697 0.307	0.719	,
	Recovery target Non-hazardous landfill		0.056	0.070	0.065	0.100 0.484	0.122	0.151	0.160	0.211	0.235 0.287	0.260 0.265	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	
	Recycling and composting target		0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637	
	Recovery target		0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	
	Non-hazardous landfill		0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425	
	Recycling target		1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	
	Recovery target Inert landfill		0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749 0.291	0.759 0.281	0.770	
	Hazardous waste		0.108	0.473	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143		0.146	0.148	
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	nodel assumer	s that this e	extra waste	is recycled/c	composted	and recover		me ratio as t			ecycling/co	mposting a		for that ye	ar.						
VIOTINO	ANNUED CARACITY FOR RECOVERY AND LANDER AND LANDERS AND TOTAL WASTE TOWN OF TO EACH RICHARD																					
KISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	AL ROUTE (I	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
SW and C&I	al recovery		2000	2001	2000	2000	2010	2011	2012	2010	2017	2010	2010	2011	2010	2010	2020	2021	2022	2023	2024	
	Total existing/planned MSW and C&I recovery capacity		0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	) (
	Surplus/deficit capacity		0.457	0.433	0.408	0.381	0.348	0.292	0.233	0.173	0.119	0.063	0.040	0.016	-0.008	-0.033	-0.058	-0.049	-0.040	-0.030	-0.019	) -(
SW and C&I	I recycling and composting		4 477	4 477	4 477	4 477	4 477		4 477	4 477		4 477		4 477	4 477	4 477	4 477		4 477	4 477	4 477	
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	1.177 0.748	
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)  Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.748	0.028	-0.058	-0.149	-0.261	-0.337	-0.413	-0.491	-0.554	-0.619	-0.678	-0.739	-0.800	-0.863	-0.929	-0.990	-1.052	-1.115	-1.179	
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.318	-0.401	-0.488	-0.578	-0.691	-0.766	-0.842	-0.920	-0.983	-1.048	-1.107	-1.168	-1.229	-1.292	-1.358	-1.419	-1.481	-1.544	-1.608	3 -1
D recycling	g																					
	Total existing/planned C&D recycling capacity		0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	
	Surplus/deficit capacity		-1.031	-1.057	-1.083	-1.109	-1.135	-1.135	-1.135	-1.135	-1.135	-1.135	-1.187	-1.239	-1.291	-1.343	-1.395	-1.395	-1.395	-1.395	-1.395	-1
recovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	3 1
	Surplus/deficit capacity		0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492		0.513	
	Saste recycling		0.010	0.000	0.700	0.010	0.002	0.000	0.020	0.100	0.100	0.120	0.100	0.110	0.101	0.101	0.111	0.102	0.102	0.000	0.010	
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	) (
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	aste recovery		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	) (
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	
n-hazardou						1671	1471	1471	1471	1477	14// (	1071	1071	14071	1471	1071	1471	14071			1477	•
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		7.275	5.444	3.641	1.870	0.131	-1.549	-3.161	-4.701	-6.169	-7.583	-8.943	-10.279	-11.592	-12.879	-14.141	-15.374	-16.604	-17.831	-19.056	-20
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		7.275	5.396	3.541	1.714	-0.084	-1.830	-3.514	-5.136	-6.695	-8.209	-9.676	-11.123	-12.550	-13.955	-15.339	-16.697	-18.052	-19.402	-20.748	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		7.275	5.254	3.247	1.256	-0.717	-2.652	-4.551	-6.414	-8.239	-10.043	-11.826	-13.598	-15.361	-17.112	-18.853	-20.580	-22.299	-24.010	-25.712	
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		7.275 7.275	5.405 5.299	3.561 3.341	1.745 1.402	-0.041 -0.516	-1.774 -2.391	-3.443 -4.221	-5.049 -6.007	-6.590 -7.748	-8.084 -9.460	-9.529 -11.142	-10.954 -12.811	-12.358 -14.466	-13.740 -16.108	-15.099 -17.735	-16.433 -19.345	-17.762 -20.948	-19.088 -22.544	-20.410 -24.132	
t landfill	Available hori-riazardous randini capacity assuming an wisyv and Car recovery by treatment		1.215	3.299	3.341	1.402	-0.510	-2.391	-4.221	-0.007	-1.140	-9.400	-11.142	-12.011	-14.400	-10.100	-17.733	-13.343		*22.344	*24.132	-2:
	Available inert landfill capacity		29.297	28.813	28.340			00 000	00 557	00 440		05.074										
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'					27.877	27.425	26.983	26.557	26.146	25.751	25.371	25.007	24.653	24.310	23.977	23.655	23.343	23.041	22.750	22.469	22
zardous lan	ndfill		29.297	28.765	28.240	27.877	27.425 27.209	26.702	26.203	25.710 25.710	25.751 25.224	24.745	25.007 24.274	24.653 23.810	24.310 23.352	23.977 22.901	23.655 22.457	23.343 22.019	23.041 21.593	22.750 21.179	22.469 20.777	
				28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	2
	Available hazardous landfill capacity		3.309																			2
				28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20
	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.	2005		28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20
TA_01: AR	Available hazardous landfill capacity		3.309	28.765 3.309 2007	28.240 3.309 2008	27.721 3.309 2009	3.309 2010	26.702 3.309 2011	3.309	25.710 3.309 2013	25.224 3.309 2014	24.745 3.309	24.274 3.309 2016	23.810 3.309 2017	23.352 3.309 2018	22.901 3.309 2019	22.457 3.309 2020	3.309	21.593 3.309	21.179 3.309 2023	3.309 2024	20
TA_01: AR v	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)	3.0%	3.309 2006 2.5%	28.765 3.309 2007 2.5%	28.240 3.309 2008 2.5%	27.721 3.309 2009 2.5%	27.209 3.309 2010 2.5%	26.702 3.309 2011 2.0%	26.203 3.309 2012 2.0%	25.710 3.309 2013 2.0%	25.224 3.309 2014 2.0%	24.745 3.309 2015 2.0%	24.274 3.309 2016 1.5%	23.810 3.309 2017 1.5%	23.352 3.309 2018 1.5%	22.901 3.309 2019 1.5%	22.457 3.309 2020 1.5%	22.019 3.309 2021 1.5%	21.593 3.309 2022 1.5%	21.179 3.309 2023 1.5%	20.777 3.309 2024 1.5%	20
TA_01: AR v (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 109%	3.309 2006 2.5% 112%	28.765 3.309 2007 2.5% 115%	28.240 3.309 2008 2.5% 118%	27.721 3.309 2009 2.5% 121%	27.209 3.309 2010 2.5% 124%	26.702 3.309 2011 2.0% 126%	26.203 3.309 2012 2.0% 129%	25.710 3.309 2013 2.0% 131%	25.224 3.309 2014 2.0% 134%	24.745 3.309 2015 2.0% 136%	24.274 3.309 2016 1.5% 139%	23.810 3.309 2017 1.5% 141%	23.352 3.309 2018 1.5% 143%	22.901 3.309 2019 1.5% 145%	22.457 3.309 2020 1.5% 147%	22.019 3.309 2021 1.5% 149%	21.593 3.309 2022 1.5% 151%	21.179 3.309 2023 1.5% 154%	20.777 3.309 2024 1.5% 156%	2
(1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - cumulative (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0%	3.309 2006 2.5%	28.765 3.309 2007 2.5%	28.240 3.309 2008 2.5%	27.721 3.309 2009 2.5%	27.209 3.309 2010 2.5%	26.702 3.309 2011 2.0%	26.203 3.309 2012 2.0%	25.710 3.309 2013 2.0%	25.224 3.309 2014 2.0%	24.745 3.309 2015 2.0%	24.274 3.309 2016 1.5%	23.810 3.309 2017 1.5%	23.352 3.309 2018 1.5%	22.901 3.309 2019 1.5%	22.457 3.309 2020 1.5%	22.019 3.309 2021 1.5%	21.593 3.309 2022 1.5%	21.179 3.309 2023 1.5%	20.777 3.309 2024 1.5%	2
(1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year (%)	3.0% 109% 0.853 3.0%	3.309 2006 2.5% 112% 0.875 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0%	25.224 3.309 2014 2.0% 134% 1.045 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5%	21.593 3.309 2022 1.5% 151% 1.183 1.5%	21.179 3.309 2023 1.5% 154% 1.201	20.777 3.309 2024 1.5% 156% 1.219 1.5%	2
(1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - cumulative (%)  Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0% 109%	3.309 2006 2.5% 112%	28.765 3.309 2007 2.5% 115%	28.240 3.309 2008 2.5% 118%	27.721 3.309 2009 2.5% 121%	27.209 3.309 2010 2.5% 124%	26.702 3.309 2011 2.0% 126%	26.203 3.309 2012 2.0% 129%	25.710 3.309 2013 2.0% 131%	25.224 3.309 2014 2.0% 134%	24.745 3.309 2015 2.0% 136%	24.274 3.309 2016 1.5% 139%	23.810 3.309 2017 1.5% 141%	23.352 3.309 2018 1.5% 143%	22.901 3.309 2019 1.5% 145%	22.457 3.309 2020 1.5% 147%	22.019 3.309 2021 1.5% 149%	21.593 3.309 2022 1.5% 151%	21.179 3.309 2023 1.5% 154%	20.777 3.309 2024 1.5% 156%	2
(1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast segional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)  Forecast sub-regional level growth rate of MSW - per year (%)	3.0% 109% 0.853 3.0% 110%	3.309 2006 2.5% 112% 0.875 2.5% 113%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151%	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 156%	
(1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - work of the containing of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993	26.203 3.309 2012 2.0% 1.29% 1.005 2.0% 130% 1.012	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129	22.457 3.309 2020 1.5% 1.148 1.5% 1.146	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1519 1.181	21.179 3.309 2023 1.5% 1.54% 1.201 1.5% 153% 1.198	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216	
(1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year   Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - per year (%)   Forecast sub-regional growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - per year (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 1.012 2.0% 1.26%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 1.053 2.0% 131%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129	22.457 3.309 2020 1.5% 147% 1.148 147% 1.146	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149%	
(1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year , Forecast regional level growth rate of MSW - per year (%) , Forecast regional level growth rate of MSW - work of the control	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 1.21% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016	27.209  3.309  2010  2.5% 124% 0.966 2.5% 0.973  2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 2.0% 2.0% 2.05	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.2% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 1.39% 2.386	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1518 1.181 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.3% 1.198 1.0% 2.532	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.0% 1.216 1.0% 2.558	2
(1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016 2.5%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.5%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0%	26.203 3.309 2012 2.0% 129% 1.005 130% 1.012 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128% 2.193 2.0%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 14129 1.5% 141% 2.422 1.5%	22.457 3.309 2020 1.5% 1.148 1.5% 1.146 1.5% 1.44% 2.458 1.5%	22.019 3.309 2021 1.5% 149% 1.163 1.0% 145% 2.483 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0%	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0%	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.216 1.216 1.216 1.216	2
(1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year  Forecast regional level growth rate of MSW - per year (%)  Forecast regional level growth rate of MSW - per year (%)  Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth rate of MSW - per year (%)  Forecast sub-regional growth forecasts  Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  Forecast stepional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - per year (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)  Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 1.21% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016	27.209  3.309  2010  2.5% 124% 0.966 2.5% 0.973  2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 2.0% 2.0% 2.05	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.2% 1.107	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 1.39% 2.386	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1518 1.181 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.3% 1.198 1.0% 2.532	20.777 3.309 2024 1.5% 1.219 1.5% 1.216 1.0% 1.216 1.0% 2.558	
(1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts  Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5% 112% 112%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 1.997 2.5% 1.967 2.5% 1.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.5% 118% 2.016 2.5% 118%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.55% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.09 123%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 1.033 2.0% 128% 2.193 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37% 2.351 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 1.44% 1.123 1.5% 1.39% 2.386 1.5% 1.39%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422 1.5% 141%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 144% 2.458 1.5% 144%	22.019 3.309 2021 1.5% 149% 1.163 1.0% 145% 2.483 1.0% 145%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0%	
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth progenized growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast sub-regional growth forecasts  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using very perional growth forecasts Arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109% 1.872	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.55% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.518% 2.016 2.5% 118% 2.016	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.973 2.5% 121% 2.067 2.5% 2.067	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0%	26.203 3.309 2012 2.0% 129% 1.005 1.005 1.006 1.012 2.0% 1.26% 2.150 2.0% 2.150 2.0% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 2.193 2.0% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 2.37 2.0%	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 2.316 1.5% 2.316	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 2.386 1.5% 1.39% 2.386 1.5%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.129 1.5% 141% 2.422 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.47% 1.46 1.44% 2.458 1.5% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 2.483 1.0% 2.483	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 2.558 1.0% 2.558	3
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%)   Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts   Forecast sub-regional growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Forecast sub-regional level growth rate of MSW - cumulative (%)   Total arisings of MSW using sub-regional growth forecasts   Arisings of C&I in baseline year   Forecast regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast sub-regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)   Forecast regional level growth rate of C&I - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 109% 1.872 2.5% 109% 1.872 2.5% 109%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 0.904 2.5% 112% 1.919 2.5% 1129 1.919 2.5%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 115% 1.967 1.967 2.5% 115% 1.967 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 118% 2.5% 118% 2.016 2.5% 118% 2.18%	27.209  3.309  2010  2.5% 124% 0.966 2.5% 125% 0.973  2.5% 121% 2.067 2.5% 121% 2.067 2.5% 121%	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 130% 1.012 2.0% 126% 2.150 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 1.033 2.0% 1.28% 2.193 2.0% 1.28% 2.193 2.0% 1.28% 2.193	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282 2.0% 133%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 137% 2.351 1.5% 137% 2.351 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 2.386 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 145% 1.429 1.5% 1411% 2.422 1.5% 1411%	22.457 3.309 2020 1.5% 1.47% 1.148 1.5% 1.47% 1.146 1.5% 1.44% 2.458 1.5% 1.44% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 2.483 1.0% 145% 2.483 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.0% 148% 2.532 1.0% 148%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 1.49% 2.558 1.0% 1.49% 2.558 1.0% 1.49%	
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - quantity (%) Forecast sub-regional level growth rate of C81 - per year (%) Forecast regional level growth rate of C81 - cumulative (%) Total arisings of C81 using regional growth forecasts Forecast sub-regional level growth rate of C81 - per year (%) Forecast sub-regional level growth rate of C81 - per year (%) Forecast sub-regional level growth rate of C81 - per year (%) Forecast sub-regional level growth rate of road regional growth forecasts Forecast regional level growth rate of road regional growth forecasts Forecast regional level growth rate of road regional growth forecasts Forecast regional level growth rate of road regional growth forecasts Forecast regional level growth rate of road regional growth forecasts Forecast regional level growth rate of houserdous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 1.872 0.9% 0.108	28.765 3.309 2007 2.5% 115% 0.997 112% 1.919 2.5% 1129% 1.919 2.5% 1.919 0.904 0.9111	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1.22% 0.949 2.5% 118% 2.016 2.5% 118% 2.016 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.91 2.5% 121% 2.067 2.5% 121% 2.067 0.913	26.702 3.309 2011 2.0% 126% 0.985 2.0% 127% 0.993 2.0% 123% 2.108 2.0% 123% 2.108	20.203 3.309 2012 2.0% 129% 1.005 130% 1.005 2.0% 126% 2.150 2.0% 2.150 2.0% 126% 2.150 2.0% 126% 0.124	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.193	25.224 3.309 2014 2.0% 134% 1.045 1.053 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 2.351 1.5% 2.351 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 1.146 1.5% 144% 2.458 1.5% 144% 2.458	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.46% 2.483 1.0% 2.483 1.0% 0.143	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.198 1.198 2.532 1.0% 4.48% 2.532	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148	3
(1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 0.105 3.3%	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 0.108 2.5%	28.765 3.309 2007 2.5% 115% 0.897 2.5% 116% 116% 112% 112% 1129 1.919 2.55% 112% 0.111 2.55%	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 119% 115% 115% 115% 1.967 2.5% 115% 0.113 2.5%	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1122% 0.949 2.5% 118% 2.016 2.5% 118% 0.116 2.5%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 121% 2.5% 121% 2.19% 2.19% 2.19% 2.5% 121% 2.5% 121% 2.5%	26.702 3.309 2011 2.0% 126% 0.985 127% 0.993 2.0% 123% 2.108 2.096 123% 2.108 2.096 123% 0.123% 0.122 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.012 2.0% 126% 2.150 2.0% 126% 2.150 2.0% 126% 2.150 2.0%	25.710 3.309 2013 2.0% 131% 1.025 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.193	25.224 3.309 2014 2.0% 134% 1.045 135% 1.053 2.0% 131% 2.237 2.0% 131% 0.129 2.0% 131% 0.229	24.745 3.309 2015 2.0% 136% 1.066 1.066 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133% 0.132 2.0%	24.274 3.309 2016 1.5% 139% 1.082 1.5% 1.090 1.5% 135% 2.316 1.5% 135% 0.134 1.5%	23.810 3.309 2017 1.5% 141% 1.098 1.5% 1.107 1.5% 1.37% 2.351 1.5% 137% 0.136 1.5%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 1.44% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5%	22.901 3.309 2019 1.5% 145% 1.139 1.5% 141% 2.422 1.5% 141% 0.140 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147% 1.146 2.458 1.5% 144% 2.458 1.5% 144% 2.458 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 145% 0.143 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 146% 2.507 1.0% 146% 0.145	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.398 1.0% 148% 2.532 2.532 1.0% 148% 0.146 1.0%	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 1.49% 2.558 1.0% 149% 0.148	2
(1) (1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.81 AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast stepional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - year year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth forecasts  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827	3.309  2006  2.5% 112% 0.875 2.5% 113% 0.882  2.5% 109% 1.872 2.5% 109% 1.872 0.9% 0.108	28.765 3.309 2007 2.5% 115% 0.997 112% 1.919 2.5% 1129% 1.919 2.5% 1.919 0.904 0.9111	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 1.22% 0.949 2.5% 118% 2.016 2.5% 118% 2.016 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 0.91 2.5% 121% 2.067 2.5% 121% 2.067 0.913	26.702 3.309 2011 2.0% 126% 126% 127% 0.985 2.0% 123% 2.108 2.0% 123% 2.108 2.0% 123% 2.108	20.203 3.309 2012 2.0% 129% 1.005 130% 1.005 2.0% 126% 2.150 2.0% 2.150 2.0% 126% 2.150 2.0% 126% 0.124	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.023 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 2.351 1.5% 2.351 1.5% 1.37% 2.351	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.45% 2.483 1.0% 145% 2.483 1.0% 1.0% 1.16% 1	21.593 3.309 2022 1.5% 151% 1.183 1.5% 151% 1.181 1.0% 146% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 153% 1.198 1.198 1.198 2.532 1.0% 4.48% 2.532	20.777 3.309 2024 1.5% 156% 1.219 1.5% 1.216 1.0% 149% 2.558 1.0% 149% 0.148	2
(1) (1) (1) (1) (1) (1) (1) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 0.90% 1.872 2.5% 0.108 2.5% 0.108	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.55% 118% 2.016 2.5% 118% 0.116 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 0.985 127% 0.993 2.0% 123% 2.108 2.096 123% 2.108 2.096 123% 0.123% 0.122 2.0%	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.005 2.0% 126% 2.150 2.0% 126% 0.124 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 132% 1.033 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.193	25.224 3.309 2014 2.0% 134% 1.045 135% 1.053 2.0% 131% 2.237 2.0% 131% 0.129 2.0% 131% 0.229	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133%	24.274  3.309  2016  1.5% 139% 1.082 1.5% 140% 1.090  1.5% 135% 2.316  1.5% 0.134 1.5% 135% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 0.136 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 147% 1.146 2.458 1.5% 144% 2.458 1.5% 144% 2.458 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 149% 1.163 1.0% 145% 145% 0.143 1.0%	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0% 1.48% 0.146 1.0% 1.48%	20.777 3.309 2024 1.5% 156% 1518 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	21
(1) (1) (1) (1) (1) (2) (2) (2)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - eventualitive (%) Forecast sub-regional growth rate of MSW - cumulative (%) Forecast sub-regional growth processes  Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using abush forecasts  Arisings of hazardous waste in baseline year Forecast regional level growth rate of Asi - cumulative (%)  Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105 3.3% 107%	3.309 2006 2.5% 112% 0.875 2.5% 113% 0.882 2.5% 109% 1.872 2.5% 0.90% 1.872 2.5% 0.108 2.5% 0.108	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919 2.5% 1.919	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 0.926 2.5% 115% 1.967 2.5% 1.967 2.5% 1.967	27.721 3.309 2009 2.5% 121% 0.942 2.5% 122% 0.949 2.55% 118% 2.016 2.5% 118% 0.116 2.5% 118%	27.209 3.309 2010 2.5% 124% 0.966 2.5% 121% 2.067 2.5% 121% 2.067	26.702 3.309 2011 2.0% 126% 126% 127% 0.985 2.0% 123% 2.108 2.0% 123% 2.108 2.0% 123% 2.108	26.203 3.309 2012 2.0% 129% 1.005 2.0% 130% 1.005 2.0% 126% 2.150 2.0% 126% 0.124 2.0% 126%	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.023 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 2.0% 128%	25.224 3.309 2014 2.0% 134% 1.045 2.0% 135% 1.053 2.0% 131% 2.237 2.0% 131% 2.237 2.0% 131% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 0.132 2.0% 133%	24.274  3.309  2016  1.5% 139% 1.082 1.5% 140% 1.090  1.5% 135% 2.316  1.5% 0.134 1.5% 135% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 0.136 1.5% 137%	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 139%	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 0.140 1.5%	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 1.5% 144% 2.458 1.5% 144% 0.142 1.5%	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.45% 2.483 1.0% 145% 2.483 1.0% 1.0% 1.16% 1	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 146% 2.507	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 1.48% 2.532 1.0% 1.48% 0.146 1.0% 1.48%	20.777 3.309 2024 1.5% 156% 1518 1.0% 149% 2.558 1.0% 149% 0.148 1.0%	2
(1) (1) (1) (1) (1) (1) (1) (2) (2) (3)	Available hazardous landfill capacity Note: The model does not contain data for the management of hazardous waste.  RISINGS AND GROWTH RATES OF MSW, C.8I AND HAZARDOUS WASTE (Million Tonnes)  Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - regional growth forecasts  Total arisings of MSW using usb-regional growth forecasts  Arisings of C.8I in baseline year Forecast sub-regional level growth rate of C.8I - per year (%) Forecast regional level growth rate of C.8I - cumulative (%) Total arisings of C.8I using regional growth forecasts  Forecast sub-regional level growth rate of C.8I - per year (%) Forecast sub-regional level growth rate of C.8I - cumulative (%) Total arisings of C.8I using regional growth forecasts Forecast sub-regional level growth rate of C.8I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of C.8I - cumulative (%) Total arisings of hazardous waste in decay to the per year (%) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total arisings of hazardous waste Total arisings of hazardous waste	3.0% 109% 0.853 3.0% 110% 0.860 3.3% 107% 1.827 3.3% 107% 1.827 0.105	3.309 2006 2.5% 112% 0.875 113% 0.885 109% 1.872 2.5% 109% 1.872 2.5% 109% 1.872 1.99% 1.872 1.99% 1.99% 1.99% 1.99% 1.99% 1.90% 1.9	28.765 3.309 2007 2.5% 115% 0.897 2.5% 1199 2.5% 11919 2.5% 112% 1.919 2.5% 112% 0.111 2.5% 0.1112 5.01	28.240 3.309 2008 2.5% 118% 0.919 2.5% 119% 1.967 2.5% 1.967 2.5% 1.15% 0.113 2.5% 0.113	27.721 3.309 2009 2.5% 121% 0.942 2.5% 118% 2.016 2.5% 118% 2.016 2.5% 118% 0.116 2.5% 0.116	27.209 3.309 2010 2.5% 124% 0.966 2.5% 125% 2.067 2.5% 2.067 2.5% 2.11% 2.067 2.5% 1219% 0.119	26.702 3.309 2011 2.0% 1.26% 0.985 2.0% 1.27% 0.993 2.0% 2.108 2.0% 2.108 2.0% 1.23% 0.122 2.0% 1.23% 0.122	2012 2.0% 129% 1.005 2.0% 1.012 2.0% 2.150	25.710 3.309 2013 2.0% 131% 1.025 2.0% 132% 1.025 2.0% 128% 2.193 2.0% 128% 2.193 2.0% 128% 0.126 0.126	2014 2.0% 134% 1.045 2.0% 1.053 2.0% 1.053 2.0% 1.31% 2.237 2.0% 1.31% 2.237 2.0% 1.31% 2.237 2.0% 1.31% 2.237	24.745 3.309 2015 2.0% 136% 1.066 2.0% 138% 1.074 2.0% 133% 2.282 2.0% 133% 2.282 2.0% 133% 0.132	24.274 3.309 2016 1.5% 139% 1.082 1.5% 140% 1.090 1.5% 135% 2.316 1.5% 135% 2.316 1.5% 135% 0.134 1.5% 0.134	23.810 3.309 2017 1.5% 141% 1.098 1.5% 142% 1.107 1.5% 137% 2.351 1.5% 137% 2.351 1.5% 137% 0.136	23.352 3.309 2018 1.5% 143% 1.115 1.5% 144% 1.123 1.5% 139% 2.386 1.5% 139% 2.386 1.5% 139% 0.138 1.5% 0.138	22.901 3.309 2019 1.5% 145% 1.131 0.5% 141% 2.422 1.5% 141% 2.422 1.5% 141% 0.140	22.457 3.309 2020 1.5% 147% 1.148 1.5% 144% 2.458 1.5% 144% 2.458 1.5% 144% 0.142	22.019 3.309 2021 1.5% 149% 1.166 1.5% 1.163 1.0% 2.483 1.0% 2.483 1.0% 0.143 1.0% 0.143	21.593 3.309 2022 1.5% 151% 1.183 1.5% 1.181 1.0% 2.507 1.0% 2.507 1.0% 0.145 0.145	21.179 3.309 2023 1.5% 154% 1.201 1.5% 1.198 1.0% 4.48% 2.532 1.0% 4.48% 0.146 0.146	20.777 3.309 2024 1.5% 156% 1.219 1.5% 156% 1.216 1.0% 149% 2.558 1.0% 149% 0.148 1.0% 0.148	20 20 30 30 30 30 30 30 30 30 30 30 30 30 30

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

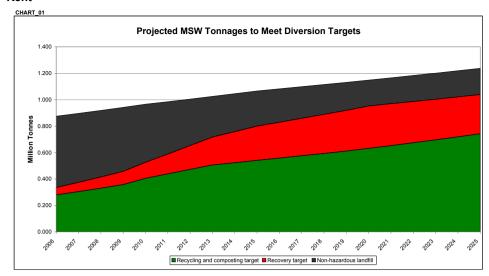
DATA_02:	INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c	&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	11.2%
	(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.198	0.193	0.188	0.183	0.178	0.173	0.163	0.154	0.144	0.134	0.125	0.119	0.114	0.109	0.104	0.099	0.097	0.094	0.092	0.090	0.088
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.063	0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%	32%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.063	0.062	0.060	0.059	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.037	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.135	0.131	0.128	0.125	0.121	0.118	0.111	0.105	0.098	0.092	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.062	0.061	0.059
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.134	0.131	0.128	0.124	0.121	0.118	0.111	0.104	0.098	0.091	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.063	0.061	0.059

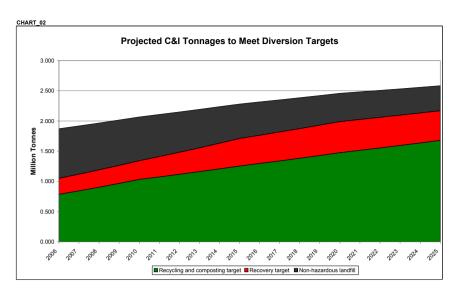
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

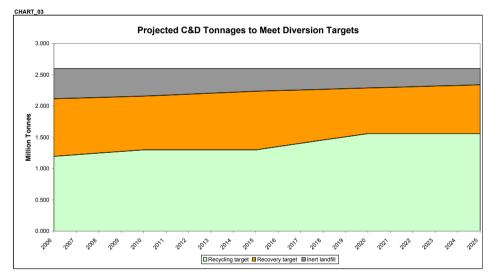
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.853	0.875	0.897	0.919	0.942	0.966	0.985	1.005	1.025	1.045	1.066	1.082	1.098	1.115	1.131	1.148	1.166	1.183	1.201	1.219	1.237
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.063	0.061	0.060	0.058	0.057	0.055	0.052	0.049	0.046	0.043	0.040	0.038	0.036	0.035	0.033	0.031	0.031	0.030	0.030	0.029	0.028
c&i		1.827	1.872	1.919	1.967	2.016	2.067	2.108	2.150	2.193	2.237	2.282	2.316	2.351	2.386	2.422	2.458	2.483	2.507	2.532	2.558	2.583
c&I - import	s from london that are sent direct to non-hazardous landfill	0.135	0.131	0.128	0.125	0.121	0.118	0.111	0.105	0.098	0.092	0.085	0.081	0.078	0.074	0.071	0.067	0.066	0.064	0.062	0.061	0.059
c&d		2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600	2.600
hazardous		0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149
DATA_04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.428	0.414	0.393	0.366	0.331	0.290	0.258	0.226	0.193	0.185	0.177	0.168	0.160	0.152	0.144	0.135	0.135	0.135	0.135	0.135	0.135
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA 05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	,																					

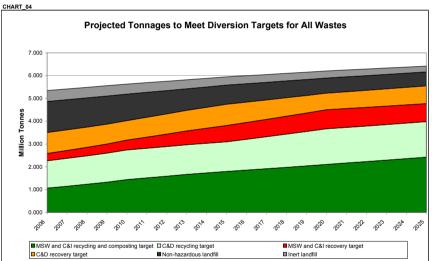
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.299	0.336	0.375	0.415	0.458	0.502	0.555	0.611	0.668	0.727	0.789	0.820	0.852	0.885	0.919	0.953	0.970	0.987	1.004	1.021	1.039
	Total MSW not-diverted by targets	0.555	0.539	0.522	0.504	0.484	0.463	0.429	0.394	0.357	0.318	0.277	0.262	0.246	0.230	0.213	0.195	0.196	0.196	0.197	0.197	0.198
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.377	0.366	0.355	0.342	0.329	0.315	0.292	0.268	0.242	0.216	0.188	0.178	0.167	0.156	0.145	0.133	0.133	0.134	0.134	0.134	0.135
	LATS shortfall (how much extra is landfilled above LATS target)	-0.050	-0.047	-0.038	-0.023	-0.002	0.025	0.034	0.042	0.049	0.031	0.012	0.010	0.007	0.004	0.001	-0.003	-0.002	-0.002	-0.001	-0.001	-0.001
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.006	0.009	0.012	0.014	0.010	0.004	0.003	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.019	0.025	0.030	0.035	0.021	0.008	0.006	0.005	0.003	0.001	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.256	0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523	0.541	0.558	0.576	0.594	0.612	0.632	0.653	0.674	0.697	0.719	0.742
	Recovery target	0.043	0.056	0.070	0.085	0.100	0.122	0.151	0.180	0.211	0.235	0.260	0.271	0.284	0.296	0.308	0.322	0.317	0.312	0.307	0.302	0.297
	Non-hazardous landfill	0.555	0.539	0.522	0.504	0.484	0.439	0.395	0.352	0.307	0.287	0.265	0.252	0.239	0.225	0.212	0.195	0.196	0.196	0.197	0.197	0.198
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.731	0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1.429	1.475	1.514	1.555	1.595	1.637	1.679
	Recovery target	0.256	0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.516	0.511	0.506	0.501	0.496	0.491
	Non-hazardous landfill	0.840	0.820	0.798	0.775	0.750	0.723	0.696	0.667	0.636	0.604	0.570	0.551	0.531	0.511	0.489	0.467	0.457	0.446	0.436	0.425	0.413
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	1.170	1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	1.560
	Recovery target	0.936	0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749	0.759	0.770	0.780
	Inert landfill	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.260
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.105	0.108	0.111	0.113	0.116	0.119	0.122	0.124	0.126	0.129	0.132	0.134	0.136	0.138	0.140	0.142	0.143	0.145	0.146	0.148	0.149
D.T. 00	TOTAL WASTE TOUNIAGES TO HEET TARGETS (MINISTERNAL)	2005	0000	0007	0000	0000	0040	0044	0040	0040	2014	0045	0040	0047	0040	0040	0000	0004	0000	0000	0004	0005
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.987 1.170	1.066 1.196	1.149 1.222	1.236 1.248	1.326 1.274	1.439 1.300	1.514 1.300	1.591 1.300	1.668 1.300	1.731 1.300	1.796 1.300	1.855 1.352	1.916 1.404	1.977 1.456	2.040 1.508	2.106 1.560	2.167 1.560	2.229 1.560	2.292 1.560	2.356 1.560	2.422 1.560
	C&D recycling target MSW and C&I recovery target	0.298	0.322	0.346	0.372	0.398	0.432	0.488	0.546	0.606	0.660	0.716	0.739	0.763	0.787	0.812	0.838	0.828	0.819	0.809	0.799	0.788
	C&D recovery target	0.298	0.322	0.346	0.372	0.398	0.432	0.488	0.546	0.606	0.660	0.716	0.739	0.763	0.787	0.812	0.838	0.828	0.819	0.809	0.799	0.788
	Non-hazardous landfill	1.395	1.359	1.320	1.279	1.234	1.162	1.091	1.018	0.905	0.920	0.836	0.894	0.853	0.736	0.770	0.728	0.736	0.749	0.759	0.770	0.760
	Inert landfill	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.943	0.380	0.364	0.803	0.770	0.736	0.701	0.002	0.000	0.043	0.033	0.622	0.260
	Hazardous waste	0.494	0.464	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.360	0.364	0.334	0.343	0.333	0.322	0.312	0.302	0.291	0.261	0.270	0.260
	Hazardous waste	0.103	0.100	0.111	0.113	0.110	0.113	0.122	U. 124	0.120	0.125	U. 132	U. 134	0.130	0.130	U. 14U	U. 142	U. 143	0.143	U. 140	0.140	U. 140

#### Kent

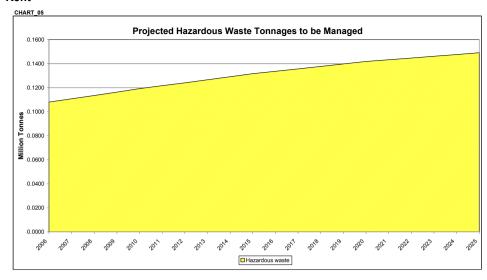








#### Kent



3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

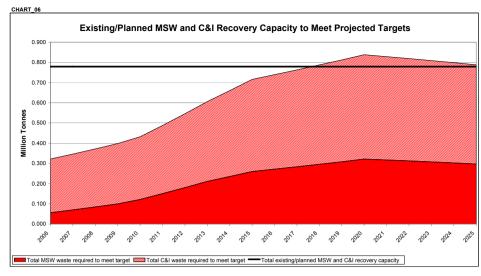
MSW and C&I recovery	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	21
MSW and C&I recovery  MSW and C&I incineration (non-specialist)	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.5
MSW and C&I treatment	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.503	0.:
Total existing/planned MSW and C&I recovery capacity	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.
Total MSW waste required to meet target	0.779	0.056	0.779	0.775	0.100	0.179	0.779	0.179	0.779	0.775	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.779	0.
Total C&I waste required to meet target	0.256	0.266	0.276	0.287	0.298	0.310	0.337	0.366	0.395	0.425	0.456	0.468	0.480	0.491	0.504	0.522	0.511	0.506	0.501	0.496	0.4
Surplus/deficit capacity	0.481	0.457	0.433	0.408	0.381	0.348	0.292	0.233	0.173	0.119	0.063	0.040	0.016	-0.008	-0.033	-0.058	-0.049	-0.040	-0.030	-0.019	-0.0
MSW and C&I recycling and composting	0.401	0.401	0.400	0.400	0.501	0.540	0.232	0.200	0.175	0.113	0.000	0.040	0.010	-0.000	-0.000	-0.000	-0.043	-0.040	-0.000	-0.013	-0.
MSW and C&I recycling	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.399	0.:
MSW and C&I transfer	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.860	2.
Total existing/planned MSW and C&I composting capacity	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.:
1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	1,177	1.177	1.177	1,177	1.177	1.177	1.177	1.177	1.177	1.177	1,177	1.177	1.177	1.177	1.177	1.177	1,177	1.177	1.177	1.177	1.
2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.748	0.
Total MSW waste required to meet recycling and composting target	0.256	0.280	0.305	0.331	0.358	0.405	0.439	0.473	0.506	0.523	0.541	0.558	0.576	0.594	0.612	0.632	0.653	0.674	0.697	0.719	0.
Total C&I waste required to meet recycling and composting target	0.731	0.786	0.844	0.905	0.968	1.033	1.075	1.118	1.162	1.208	1.255	1.297	1.340	1.384	1 429	1.475	1.514	1.555	1.595	1.637	1.0
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.191	0.111	0.028	-0.058	-0.149	-0.261	-0.337	-0.413	-0.491	-0.554	-0.619	-0.678	-0.739	-0.800	-0.863	-0.929	-0.990	-1.052	-1.115	-1.179	-1.3
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.239	-0.318	-0.401	-0.488	-0.578	-0.691	-0.766	-0.842	-0.920	-0.983	-1.048	-1.107	-1.168	-1.229	-1 292	-1.358	-1 419	-1.481	-1.544	-1.608	-1.0
C&D recycling	0.200	0.010	0.101	0.100	0.010	0.001	0.700	0.012	0.020	0.000	1.010	1.101	1.100	1.220	1.202	1.000	1.110	1101	1.011	1.000	
3) Total existing/planned C&D recycling capacity	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.
Total waste required to meet C&D recycling target	1,170	1.196	1.222	1.248	1.274	1.300	1.300	1.300	1.300	1.300	1.300	1.352	1.404	1.456	1.508	1.560	1.560	1.560	1.560	1.560	1.5
Surplus/deficit capacity	-1.005	-1.031	-1.057	-1.083	-1.109	-1.135	-1.135	-1.135	-1.135	-1.135	-1.135	-1.187	-1.239	-1.291	-1.343	-1.395	-1.395	-1.395	-1.395	-1.395	-1.3
C&D recovery	1.000	1.001	1.001	1.000	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.101	1.200	1.201	1.010	1.000	1.000	1.000	1.000	1.000	
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1 627	1.544	1 460	1 439	1 418	1.398	1.377	1.356	1.325	1 293	1 262	1.231	1.199	1 220	1.241	1.262	1.283	1.3
Sub-regional total waste required to meet C&D recovery target	0.936	0.920	0.905	0.889	0.874	0.858	0.874	0.889	0.905	0.920	0.936	0.894	0.853	0.811	0.770	0.728	0.738	0.749	0.759	0.770	0.
Surplus/deficit capacity	0.941	0.873	0.806	0.738	0.670	0.602	0.566	0.529	0.493	0.456	0.420	0.430	0.440	0.451	0.461	0.471	0.482	0.492	0.503	0.513	0.5
Hazardous waste recycling	0.011	0.070	0.000	0.700	0.070	0.002	0.000	0.020	0.100	0.100	0.120	0.100	0.110	0.101	0.101	0.11	0.102	0.102	0.000	0.010	0
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-										
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		7.275	5.444	3.641	1.870	0.131	-1.549	-3.161	-4.701	-6.169	-7.583	-8.943	-10.279	-11.592	-12.879	-14.141	-15.374	-16.604	-17.831	-19.056	-20.
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		7.275	5.396	3.541	1.714	-0.084	-1.830	-3.514	-5.136	-6.695	-8.209	-9.676	-11.123	-12.550	-13.955	-15.339	-16.697	-18.052	-19.402	-20.748	-22.0
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		7.275	5.254	3.247	1.256	-0.717	-2.652	-4.551	-6.414	-8.239	-10.043	-11.826	-13.598	-15.361	-17.112	-18.853	-20.580	-22.299	-24.010	-25.712	-27.4
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		7.275	5.405	3.561	1.745	-0.041	-1.774	-3.443	-5.049	-6.590	-8.084	-9.529	-10.954	-12.358	-13.740	-15.099	-16.433	-17.762	-19.088	-20.410	-21.
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		7.275	5.299	3.341	1.402	-0.516	-2.391	-4.221	-6.007	-7.748	-9.460	-11.142	-12.811	-14.466	-16.108	-17.735	-19.345	-20.948	-22.544	-24.132	-25.
Total MSW and C&I waste sent direct to non-hazardous landfill		1.359	1.320	1.279	1.234	1.162	1.091	1.018	0.943	0.891	0.836	0.803	0.770	0.736	0.701	0.662	0.653	0.643	0.633	0.622	0.0
Inert landfill																					
Available inert landfill capacity		29.297	28.813	28.340	27.877	27.425	26.983	26.557	26.146	25.751	25.371	25.007	24.653	24.310	23.977	23.655	23.343	23.041	22.750	22.469	22.
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		29.297	28.765	28.240	27.721	27.209	26.702	26.203	25.710	25.224	24.745	24.274	23.810	23.352	22.901	22.457	22.019	21.593	21.179	20.777	20.
Total C&D waste sent direct to inert landfill	0.494	0.484	0.473	0.463	0.452	0.442	0.426	0.411	0.395	0.380	0.364	0.354	0.343	0.333	0.322	0.312	0.302	0.291	0.281	0.270	0.3
Hazardous landfill																					
Available hazardous landfill capacity	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.309	3.3
Total hazardous waste sent direct to hazardous landfill	N	I/A I	1/A	1/A N	1 A/A	VA N	/A N	I/A N	I/A N	VA N	I/A N	I/A N	I/A N	/A N	/A N	1 A/I	1 A/A	I/A N	/A N	1/A 1/	N/A
Other																					
Metal/ELV facility	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.973	0.9
Ignored	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.854	1.8
Closed	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.0

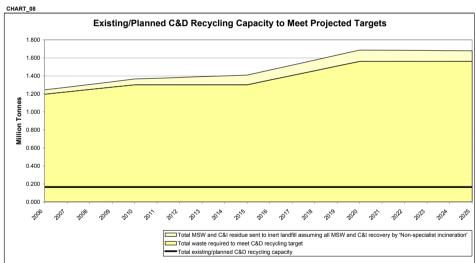
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity

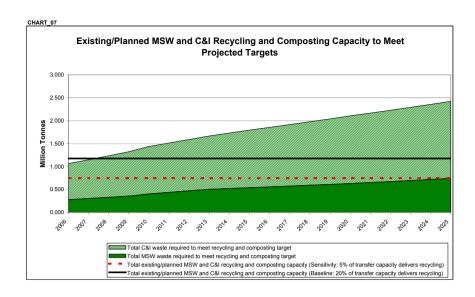
<sup>(1)</sup> EXM has assumed that \$20 is to fine total transfer capacity will deliver recycling capacity (2) EXM has assumed that \$50 in the total transfer capacity (3) EXM has assumed that \$50 in the total transfer capacity (3) Date for C&D recovery for landfill cover for the \$E Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by EXM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

8: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MSW and C&I to MBT MSW and C&I to RDF	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5	10 5
Hazardous waste recycling Other	3	3	5	5	5	5	5	5	5	5	5	5	3	5	5	5	5	3	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in	its calculations bec	ause these a	re not releva	ant to the ma	inagement o	f MSW, C&I	and C&D. T	These data	are include	d for the pu	irposes of c	ompletenes	S.							
9: TOTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
MSW and C&I incineration (non-specialist) - bottom ash	0.090	0.097	0.104	0.112	0.119	0.129	0.146	0.164	0.182	0.198	0.215	0.222	0.229	0.236	0.244	0.251	0.249	0.246	0.243	0.240
MSW and C&I incineration (non-specialist) - fly ash	0.009	0.010	0.010	0.011	0.012			0.016	0.018	0.020	0.021	0.022	0.023	0.024	0.024	0.025	0.025	0.025	0.024	0.024
MSW and C&I to MBT MSW and C&I to RDF	0.176 0.036	0.190 0.039	0.204 0.042	0.219 0.045	0.235 0.048	0.255 0.052		0.322	0.358 0.073	0.390	0.422	0.436 0.089	0.450 0.092	0.464 0.094	0.479 0.097	0.494 0.101	0.489	0.483	0.477 0.097	0.471 0.096
MSW and C&I to RDF MSW and C&I treatment - non-hazardous	0.036 0.134	0.039	0.042	0.045	0.048	0.052		0.066	0.073	0.079	0.086	0.089	0.092	0.094	0.097	0.101	0.099	0.098	0.097	0.096
MSW and C&I treatment - hazardous	0.015	0.016	0.017	0.019	0.020			0.027	0.030	0.033	0.036	0.037	0.038	0.039	0.041	0.042	0.041	0.041	0.040	0.040
Hazardous waste recovery	N/A	N/A N	/A N	/A N/	A N/A	N/A	N/A	N/A	A N/A	A N/.	A N//	N/A	A N/	A N/.	A N/	A N	/A N/	A N	A N//	A N/A
Recycling residues (of waste managed):	0.148	0.160	0.172	0.185	0.199	0.216	0.227	0.239	0.250	0.260	0.269	0.270	0.287	0.297	0.306	0.316	0.325	0.334	0.344	0.353
MSW and C&I recycling and composting C&D recycling	0.148	0.160	0.172	0.185	0.199			0.239	0.250	0.260	0.269	0.278 0.135	0.287	0.297	0.306	0.316	0.325	0.334	0.344	0.353
Hazardous waste recycling	N/A	N/A N	/A N	/A N/																A N//
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.265	0.280	0.295	0.310	0.326	0.346	0.357	0.369	0.380	0.390	0.399	0.413	0.428	0.442	0.457	0.472	0.481	0.490	0.500	0.509
TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (	Million Tonnes)																			
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfil assuming all MSW and C&I recovery by 'Non-specialist incineration'.	2005 ation' 0.045	0.048	0.052	0.056	0.060	0.065	0.073	0.082	0.091	0.099	0.107	0.111	0.114	0.118	0.122	0.126	0.124	0.123	0.121	0.120
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	2005					0.065	0.073													0.120
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinera (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incinera SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	2005 ation' 0.045	0.048	0.052	0.056	0.060	0.065	0.073 0.073	0.082	0.091	0.099	0.107	0.111	0.114	0.118	0.122	0.126	0.124	0.123	0.121	0.120
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinera' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)	2005 ation' 0.045 0.045 0.176	0.048 0.048 0.190	0.052 0.052 0.204	0.056 0.056 0.219	0.060 0.060 0.235	0.065 0.065 0.255	0.073 0.073 0.288	0.082 0.082 0.322	0.091 0.091 0.358	0.099 0.099 0.390	0.107 0.107 0.422	0.111 0.111 0.436	0.114 0.114 0.450	0.118 0.118 0.464	0.122 0.122 0.479	0.126 0.126 0.494	0.124 0.124 0.489	0.123 0.123 0.483	0.121 0.121 0.477	0.120 0.120 0.471
SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinera'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RD" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	2005 ation' 0.045 0.045	0.048 0.048	0.052 0.052	0.056 0.056	0.060 0.060	0.065 0.065	0.073 0.073 0.288	0.082 0.082	0.091 0.091	0.099 0.099	0.107 0.107	0.111 0.111	0.114 0.114	0.118 0.118	0.122 0.122	0.126 0.126	0.124 0.124	0.123 0.123	0.121 0.121	0.120 0.120
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity)	2005 ation' 0.045 0.045 0.176	0.048 0.048 0.190	0.052 0.052 0.204	0.056 0.056 0.219	0.060 0.060 0.235	0.065 0.065 0.255	0.073 0.073 0.288 0.059	0.082 0.082 0.322	0.091 0.091 0.358	0.099 0.099 0.390	0.107 0.107 0.422	0.111 0.111 0.436	0.114 0.114 0.450	0.118 0.118 0.464	0.122 0.122 0.479	0.126 0.126 0.494	0.124 0.124 0.489	0.123 0.123 0.483	0.121 0.121 0.477	0.120 0.120 0.471
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to nert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to non-hazardous landfill (5) Total MSW and C&I residue sent to non-hazardous landfill (5) CENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (6) Total MSW and C&I residue sent to non-hazardous landfill (7) Total MSW and C&I residue sent to non-hazardous landfill (8) Total MSW and C&I residue sent to non-hazardous landfill	2005 ation' 0.045 0.045 0.176 0.036 0.134	0.048 0.048 0.190 0.039 0.145	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052 0.194	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in	2005 ation' 0.045 0.045 0.176 0.036 0.134	0.048 0.048 0.190 0.039 0.145	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052 0.194	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (7) SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (7) It was assumed that 50% of residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in	2005 ation' 0.045 0.045 0.176 0.036 0.134 nert landfill. In the o	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052 0.194	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Tvantament' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on exempt sites	2005  0.045 0.045 0.176 0.036 0.134 nert landfill. In the of the control of the c	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052 0.194	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005 2005 2006 2007 2007 2008 2008 2008 2008 2008 2008	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052 0.194	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Tvantament' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on exempt sites	2005  0.045 0.045 0.176 0.036 0.134 nert landfill. In the of the control of the c	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167	0.060 0.060 0.235 0.048	0.065 0.065 0.255 0.052 0.194	0.073 0.073 0.288 0.059	0.082 0.082 0.322 0.066 0.246	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297	0.107 0.107 0.422 0.086	0.111 0.111 0.436 0.089	0.114 0.114 0.450 0.092	0.118 0.118 0.464 0.094	0.122 0.122 0.479 0.097	0.126 0.126 0.494 0.101	0.124 0.124 0.489 0.099	0.123 0.123 0.483 0.098	0.121 0.121 0.477 0.097	0.120 0.120 0.471 0.096
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill'	2005 2005 2006 0.045 0.045 0.036 0.036 0.134 hert landfill. In the control of the	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.204 0.042 0.156 I assumption	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Cd	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-haz landfill' (2) C&D reused on landfill sites sent to 'non-haz landfill'	2005 2005 2006 0.045 0.176 0.036 0.134 enert landfill. In the cr	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.042 0.156	0.056 0.056 0.219 0.045 0.167 ns developed	0.060 0.060 0.235 0.048 0.179	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Ca	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.422 0.086 0.322	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	2005 2005 2006 2007 2007 2005 2005 2005 2005 2005 2005	0.048 0.048 0.190 0.039 0.145 original mode	0.052 0.052 0.204 0.204 0.156 I assumption	0.056 0.056 0.219 0.045 0.167 ons developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Ca	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	2005 2006 2010 2010 2017 2017 2018 2018 2018 2018 2018 2018 2018 2018	0.048 0.048 0.190 0.039 0.145 original mode % % % %	0.052 0.052 0.204 0.042 0.156 I assumption	0.056 0.056 0.219 0.045 0.167 0.167 0.103 0.241	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Ca	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (7) Total MSW and C&I residue sent to non-hazardous landfill (8) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (8) Total MSW and C&I residue sent to non-hazardous landfill (7) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (7) C&D reused on landfill sites (7) C&D reused on landfill sites sent to 'non-haz landfill' (7) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (7) C&D reuse rates based on original model assumptions developed MEL (8) NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that	2005  2005  2016  0.045  0.176  0.036  0.134  Detri landfill. In the control of t	0.048 0.048 0.190 0.039 0.145 original mode % % % %	0.052 0.052 0.204 0.042 0.156 I assumption 0.105 0.246	0.056 0.056 0.219 0.045 0.167 0.167 as developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume 2010 0.100 0.233	0.073 0.073 0.288 0.059 0.220 d to go to Cd	0.082 0.082 0.322 0.066 0.246 &D recyclin	0.091 0.091 0.358 0.073 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert l	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343	0.118 0.118 0.464 0.094 0.354	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that	2005 attion' 0.045 0.045 0.045 0.176 0.036 0.134 nert landfill. In the control of	0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 I assumption	0.056 0.056 0.219 0.045 0.167 0.167 1s developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Cd	0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert i	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Pobe '(based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (t) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that:  **TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 2010 2010 2017 2017 2017 2017 2017 2017	0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 I assumption	0.056 0.056 0.219 0.045 0.167 0.167 1s developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Cd	0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert i	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (2) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse in inert land non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	2005 2010 2010 2017 2017 2017 2017 2017 2017	0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250	0.052 0.052 0.204 0.042 0.156 I assumption	0.056 0.056 0.219 0.045 0.167 0.167 1s developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Cd	0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert i	0.107 0.107 0.422 0.086 0.322 andfi	0.111 0.111 0.436 0.089 0.333	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373	0.123 0.123 0.483 0.098 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill (2) SCENARIO 4 - Assumes all recovery is by treatment' (based on total recovery capacity) (1) It was assumed that 50% of residue sent to non-hazardous landfill (3) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in ton the sent of th	2005 2006 2016 2016 2017 2017 2018 2018 2018 2018 2018 2018 2018 2018	0.048 0.048 0.190 0.039 0.145 original mode % % % % 0.107 0.250 ch sub-regio	0.052 0.052 0.052 0.204 0.042 0.156 I assumption 2007 0.105 0.246 n has accou	0.056 0.056 0.219 0.045 0.167 0.167 as developed	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	0.065 0.065 0.255 0.052 0.194 was assume 2010 0.100 0.233 n engineerin 2010	0.073 0.073 0.288 0.059 0.220 d to go to Ca 2011 0.102 0.237 g material.	0.082 0.082 0.322 0.066 0.246 &D recyclir 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.105 0.246	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in tona the control of the control	2005 2006 2010 2010 2010 2010 2010 2010 2010	0.048 0.048 0.190 0.039 0.145 original mode %% % % 6 0.107 0.250 ch sub-regio	0.052 0.052 0.204 0.042 0.156 1 assumption 2007 0.105 0.246 n has accou	0.056 0.056 0.219 0.045 0.167 0.167 as developed 0.103 0.241 nted for C&E	0.060 0.060 0.235 0.048 0.179 d MEL 50% v	2010 0.233 0.233 0.230 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Cd 2011 0.102 0.237 g material. 2011 N/A	0.082 0.082 0.082 0.322 0.066 0.246 &D recyclin 2012 0.103 0.241	0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243	0.114 0.114 0.450 0.092 0.343 2017 0.099 0.232	0.118 0.118 0.464 0.094 0.354 2018 0.094 0.220	0.122 0.122 0.479 0.097 0.365 2019 0.090 0.209	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200	0.123 0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206	0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (Total MSW and C&I residue sent to non-hazardous landfill (5) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL (NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specia	2005 2010 2010 2010 2017 2017 2017 2017 2017	0.048 0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250 ch sub-regio 2006 N/A N	0.052 0.052 0.052 0.204 0.042 0.156 1 assumption 0.246 1 assumption 0.246 0.246 N. 0.000	0.056 0.056 0.056 0.219 0.045 0.167 as developed 0.103 0.241 1010 1020 1030 1030 1030 1030 1030 103	0.060 0.060 0.035 0.048 0.179 d MEL 50% v 2009 0.102 0.237 0 reuse as a 2009 A N/A	2010 0.233 0.233 0.233 0.233 0.233 0.233 0.233 0.000	0.073 0.073 0.288 0.059 0.220 d to go to Cd 2011 0.102 0.237 g material. 2011 2011 0.015	0.082 0.082 0.082 0.066 0.0246 8D recyclin 2012 0.103 0.241 2012 0.016 0.000	0.091 0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 0.105 0.246	0.099 0.099 0.390 0.079 0.297 an to inert t 0.107 0.250 2014 0.025 0.000	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 A N// 2015 0.021	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022 0.000	0.114 0.114 0.114 0.450 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023 0.000	0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N/ 2018 0.024 0.024	0.122 0.122 0.122 0.479 0.097 0.365 0.365 2019 0.090 0.209 2019 0.020 0.020	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200 2021 /A N/ 2021 0.025 0.000	0.123 0.123 0.483 0.098 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N// 2023 0.024 0.000	0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 A N// 2024 0.024 0.024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incinerat' (5) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill istes (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert landfill  Total reused C&D on inert and non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill and SCENARIO 2 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by 'Non-specialist incineration' (based	2005 2010 2010 2010 2017 2017 2017 2017 2017	0.048 0.048 0.190 0.039 0.145 original mode % % % 6 0.107 0.250 ch sub-regio 2006 N/A N	0.052 0.052 0.052 0.204 0.042 0.156 1 assumption 2007 0.105 0.246 n has accou	0.056 0.056 0.056 0.219 0.045 0.167 as developed 0.103 0.241 1016 for C&E 2008 //A N//	0.060 0.060 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 0 reuse as a 2009 A N/A	2010 0.233 0.233 0.230 0.194 was assume	0.073 0.073 0.288 0.059 0.220 d to go to Cd 2011 0.102 0.237 g material. 2011 2011 0.015	0.082 0.082 0.322 0.066 0.246 8D recyclin 2012 0.103 0.241 2012 2012 0.010 0.010	0.091 0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 A N//	0.099 0.099 0.099 0.390 0.079 0.297 an to inert l	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 A N//	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 N/A	0.114 0.114 0.114 0.450 0.092 0.343 0.099 0.232 2017 2017 0.023	0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N/	0.122 0.122 0.122 0.479 0.097 0.365 0.365 0.365 0.209 2019 2019 2019 0.020	0.126 0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200 2021 /A N/	0.123 0.123 0.483 0.098 0.368 0.368	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N// 2023 0.024	0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (5) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (Total MSW and C&I residue sent to non-hazardous landfill (5) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-hazardous landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL (NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specia	2005 2010 2010 2010 2017 2017 2017 2017 2017	0.048 0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250 ch sub-regio 2006 N/A N	0.052 0.052 0.052 0.204 0.042 0.156 1 assumption 0.246 1 assumption 0.246 0.246 N. 0.000	0.056 0.056 0.056 0.219 0.045 0.167 as developed 0.103 0.241 1010 1020 1030 1030 1030 1030 1030 103	0.060 0.060 0.035 0.048 0.179 d MEL 50% v 2009 0.102 0.237 0 reuse as a 2009 A N/A	2010 0.233 n engineerin 2010 N/A 2010 0.000 0.000 0.000	0.073 0.073 0.073 0.288 0.059 0.220 d to go to Co	0.082 0.082 0.082 0.066 0.0246 8D recyclin 2012 0.103 0.241 2012 0.016 0.000	0.091 0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246 2013 0.105 0.246	0.099 0.099 0.390 0.079 0.297 an to inert t 0.107 0.250 2014 0.025 0.000	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 A N// 2015 0.021	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022 0.000	0.114 0.114 0.114 0.450 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023 0.000	0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N/ 2018 0.024 0.024	0.122 0.122 0.122 0.479 0.097 0.365 0.365 2019 0.090 0.209 2019 0.020 0.020	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000	0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200 2021 /A N/ 2021 0.025 0.000	0.123 0.123 0.483 0.098 0.368 0.368 2022 0.087 0.203 2022 0.025 0.000	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N// 2023 0.024 0.000	0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 A N// 2024 0.024 0.024
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that:  TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (based on total recover	2005 2010 2010 2010 2017 2017 2017 2017 2017	0.048 0.048 0.048 0.190 0.039 0.145 original mode % % % % 2006 0.107 0.250 ch sub-regio 2006 N/A N 2006 0.010 0.000 0.000	0.052 0.052 0.052 0.204 0.042 0.156 I assumption 0.246 In has accou 2007 0.010 0.000 0.000	0.056 0.056 0.056 0.219 0.045 0.167 0.167 0.103 0.241 0.001 0.001 0.000 0.000 0.019	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 0 reuse as a 2009 A N/A 2009 0.012 0.012	2010 0.233 n engineerin 2010 N/A 2010 0.000 0.000 0.000	0.073 0.073 0.073 0.288 0.059 0.220 d to go to Co	0.082 0.082 0.082 0.066 0.0246 8.D recyclin 2012 0.103 0.241 2012 2012 0.016 0.000	0.091 0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246  2013 0.105 0.246  2013 0.018 0.000 0.000	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 A N// 2015 0.021 0.000	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.002 0.000 0.000	0.114 0.114 0.114 0.450 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023 0.000 0.000	0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N/ 2018 0.024 0.000	0.122 0.122 0.122 0.479 0.097 0.365 0.365 2019 0.090 0.209 2019 0.024 0.000 0.000	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000	0.123 0.123 0.0483 0.098 0.368 0.368 0.368 0.368 0.368 0.087 0.203 0.025 0.000 0.000	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N// 2023 0.024 0.000	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 A N// 2024 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity) (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Total mSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to in: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on non-hazardous landfill Total C&D reused on inert landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total MSW and C&I recycling and composting residue sent to hazardous landfill Total MSW and C&I recycling and composting residue sent to hazardous landfill  Total MSW and C&I residue sent to nacross landfill sent to hazardous landfill is not included within the charts because it has been assumed that:  **TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  **SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' Colored on total recovery by 'Non-specialist incinerati	2005 attion* 0.045 0.045 0.045 0.036 0.134 nert landfill. In the control of the c	0.048 0.048 0.048 0.190 0.039 0.145 original mode % % % % 2006 0.107 0.250 ch sub-regio 2006 N/A N 2006 0.010 0.000 0.000	0.052 0.052 0.052 0.204 0.042 0.156 I assumption 0.246 In has accou 2007 0.010 0.000 0.000	0.056 0.056 0.056 0.219 0.045 0.167 0.167 0.103 0.241 0.001 0.001 0.000 0.000 0.019	0.060 0.060 0.080 0.235 0.048 0.179 d MEL 50% v 2009 0.102 0.237 0 reuse as a 2009 A N/A 2009 0.012 0.012	2010 0.233 n engineerin 2010 N/A 2010 0.000 0.000 0.000	0.073 0.073 0.073 0.288 0.059 0.220 d to go to Co	0.082 0.082 0.082 0.066 0.0246 8.D recyclin 2012 0.103 0.241 2012 2012 0.016 0.000	0.091 0.091 0.091 0.358 0.073 0.273 0.273 0.105 0.246  2013 0.105 0.246  2013 0.018 0.000 0.000	0.099 0.099 0.390 0.079 0.297 an to inert I	0.107 0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 A N// 2015 0.021 0.000	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.002 0.000 0.000	0.114 0.114 0.114 0.450 0.092 0.343 0.343 2017 0.099 0.232 2017 0.023 0.000 0.000	0.118 0.118 0.464 0.094 0.354 0.354 2018 0.094 0.220 2018 A N/ 2018 0.024 0.000	0.122 0.122 0.122 0.479 0.097 0.365 0.365 2019 0.090 0.209 2019 0.024 0.000 0.000	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000	0.123 0.123 0.0483 0.098 0.368 0.368 0.368 0.368 0.368 0.087 0.203 0.025 0.000 0.000	0.121 0.121 0.477 0.097 0.364 2023 0.088 0.206 2023 A N// 2023 0.024 0.000	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 A N// 2024 0.000 0.000
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Tenatment' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to it.  TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  (2) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on inert landfill'  (3) C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill'  Total C&D reused on landfill sites sent to 'non-hazardous landfill is not included within the charts because it has been assumed that:  **TOTAL MSW AND C&I recycling and composting residue sent to hazardous landfill  Total MSW and C&I recycling and composting residue sent to hazardous landfill'  Total MSW and C&I recycling and composting residue sent to hazardous landfill recovery by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' Chart MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recyclery by 'Non-specialist incineration' Chart of total recovery by 'Non-specialist	2005 attion* 0.045 0.045 0.045 0.036 0.134 nert landfill. In the of the control o	0.048 0.048 0.048 0.190 0.039 0.145 original mode % % % 2006 0.107 0.250 ch sub-regio 2006 N/A N 2006 0.010 0.000 0.016 e versus avai	0.052 0.052 0.052 0.204 0.042 0.156 I assumption 0.246 In has accou 2007 0.010 0.000 0.000	0.056 0.056 0.056 0.219 0.045 0.167 0.167 0.103 0.241 0.008 0.103 0.241 0.000 0.011 0.000 0.000 0.019 ty.	0.060 0.060 0.035 0.048 0.179 d MEL 50% v  2009 0.102 0.237 0 reuse as a  2009 A N/A  2009 0.012 0.000 0.000 0.000	2010 0.065 0.065 0.255 0.052 0.194 was assume 2010 0.100 0.233 0.000 0.000 0.000 0.000	0.073 0.073 0.073 0.288 0.059 0.220 d to go to Cd  2011 0.102 0.237 g material. 2011 0.015 0.000 0.000 0.024	0.082 0.082 0.082 0.086 0.246 8.D recyclin 2012 2012 2012 2012 2012 0.006 0.241	0.091 0.091 0.091 0.358 0.073 0.273 0.273 ng, rather th  2013 0.105 0.246  2013 0.1018 0.000 0.000 0.030	0.099 0.099 0.390 0.079 0.297 an to inert I 0.107 0.250 2014 2014 2014 2014 2014 2014 2014 201	0.107 0.107 0.422 0.086 0.322 andfi 2015 0.109 0.254 2015 A N/A 2015 0.000 0.000 0.036	0.111 0.111 0.436 0.089 0.333 2016 0.104 0.243 2016 0.022 0.000 0.000 0.037	0.114 0.114 0.450 0.092 0.343 0.343 2017 0.099 0.232 2017 2017 2017 2017 2017 2017 2017	2018 0.094 0.354 2018 0.094 0.354 2018 0.094 0.220 2018 0.000 0.000 0.000	0.122 0.122 0.479 0.097 0.365 0.365 2019 0.090 0.209 2019 2019 0.000 0.000 0.000	0.126 0.126 0.494 0.101 0.377 2020 0.085 0.198 2020 0.025 0.000 0.000 0.000	0.124 0.124 0.124 0.489 0.099 0.373 2021 0.086 0.200 2021 0.025 0.000 0.000 0.001	0.123 0.123 0.483 0.098 0.368 0.368 0.368 0.368 0.202 0.087 0.203 0.025 0.000 0.000 0.000	0.121 0.121 0.477 0.097 0.364  2023 0.088 0.206  2023 A N//  2023 0.024 0.000 0.040	0.120 0.120 0.120 0.471 0.096 0.359 2024 0.090 0.209 2024 0.000 0.000 0.000

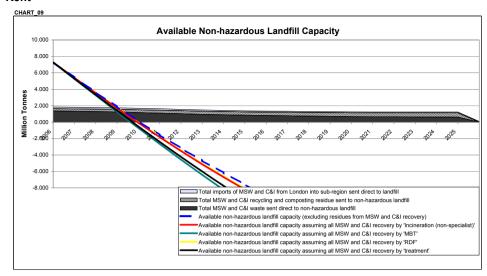
#### Kent



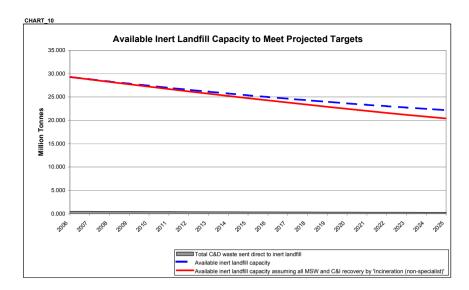




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NOTE: The graph assumes that the baseline capacity for non-hazardous landfill has accounted for C&D reuse as a landfill engineering material.



#### SUMMARY DATA AND RESULTS FOR MEDWAY

MANAGEDV	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
MANAGED V MSW	VASTE USED TO GENERATE RESULTS (WIIIION TONNES)		0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191	0.19
	s from london that are sent direct to non-hazardous landfill		0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.00
c&i			0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132	0.13
	from london that are sent direct to non-hazardous landfill		0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.00
c&d hazardous			0.332 0.016	0.332 0.016	0.332	0.332 0.017	0.332 0.017	0.332 0.018	0.332 0.018	0.332 0.018	0.332 0.019	0.332 0.019	0.332 0.019	0.332	0.332	0.332	0.332 0.021	0.332 0.021	0.332 0.021	0.332 0.021	0.332	0.33
lazardous			0.016	0.016	0.016	0.017	0.017	0.016	0.016	0.016	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.02
WASTE STR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
msw	LATS shortfall (how much extra is landfilled above LATS target)		-0.020	-0.018	-0.014	-0.009	-0.003	-0.001	0.001	0.003	0.000	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.003	-0.00
	Recycling and composting target		0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113	0.11
	Recovery target		0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048 0.031	0.047	0.04
c&i	Non-hazardous landfill Recycling and composting target		0.040	0.062	0.079	0.050	0.073	0.055	0.058	0.053	0.050	0.044	0.041	0.059	0.036	0.033	0.031	0.031	0.080	0.031	0.031	0.03
Jul 1	Recovery target		0.014	0.014	0.015	0.015	0.016	0.017	0.019	0.020	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.026	0.026	0.026	0.026	0.02
	Non-hazardous landfill		0.042	0.041	0.040	0.039	0.037	0.036	0.034	0.033	0.031	0.029	0.028	0.027	0.026	0.025	0.024	0.023	0.023	0.022	0.022	0.02
c&d	Recycling target		0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.19
	Recovery target		0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.0
nazardous	Inert landfill Hazardous waste		0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.0
iazaiuous	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the m	nodel assume															0.021	0.021	0.021	0.021	0.021	0.0
					,							,			, , .							
XISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS.	AL ROUTE (																				
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
ISW and C&	I recovery		0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.00
	Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		-0.005	-0.020	-0.023	-0.026	-0.029	-0.035	-0.041	-0.005	-0.052	-0.059	-0.061	-0.064	-0.067	-0.069	-0.005	-0.005	-0.070	-0.069	-0.068	-0.0
ISW and C&	l recycling and composting		-0.017	-0.020	-0.023	-0.020	-0.023	-0.000	-0.041	-0.041	-0.032	-0.000	-0.001	-0.004	-0.007	-0.003	-0.072	-0.071	-0.070	-0.003	-0.000	-0.0
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.2
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.0
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.207	0.200	0.193	0.185	0.178	0.171	0.164	0.155	0.150	0.143	0.138	0.133	0.127	0.122	0.116	0.111	0.105	0.100	0.094	0.0
0 D	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.012	-0.018	-0.026	-0.033	-0.041	-0.047	-0.055	-0.063	-0.068	-0.075	-0.081	-0.086	-0.091	-0.097	-0.102	-0.108	-0.113	-0.119	-0.124	-0.
&D recycling			0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		-0.153	-0.156	-0.159	-0.162	-0.166	-0.166	-0.166	-0.166	-0.166	-0.166	0.000 -0.172	-0.179	-0.186	-0.192	-0.199	-0.199	-0.199	-0.199	-0.199	-0.0
&D recovery	Compress construction (Capacity)		0.100	0.100	0.100	0.102	0.100	0.100	0.100	0.100	0.100	0.100	0.172	0.110	0.100	0.102	0.100	0.100	0.100	0.100	0.100	
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.3
	Surplus/deficit capacity		1.676	1.595	1.514	1.432	1.351	1.328	1.305	1.282	1.259	1.236	1.210	1.184	1.158	1.133	1.107	1.126	1.146	1.165	1.185	1.
azardous w	aste recycling																					
	Total existing/planned hazardous waste recycling capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.0
azardone w	Surplus/delicit capacity aste recovery		N/A	IN/A	IN/A	IN/A	IN/A	IN/A	IN/A	N/A	N/A	IN/A	N/A	IN/A	N/A	N/A	IN/A	N/A	N/A	IN/A	N/A	
iazaiuous wi	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N
lon-hazardoi																						
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.475	0.304	0.135	-0.030	-0.193	-0.351	-0.503	-0.647	-0.782	-0.912	-1.035	-1.155	-1.272	-1.387	-1.500	-1.609	-1.719	-1.828	-1.938	-2.0
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)' Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.475 0.475	0.300 0.290	0.128 0.107	-0.042 -0.075	-0.209 -0.256	-0.372 -0.434	-0.530 -0.610	-0.681 -0.781	-0.824 -0.947	-0.963 -1.110	-1.095 -1.270	-1.225 -1.430	-1.353 -1.588	-1.478 -1.745	-1.602 -1.901	-1.723 -2.056	-1.844 -2.210	-1.965 -2.364	-2.086 -2.518	-2.2 -2.6
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.475	0.290	0.107	-0.075	-0.256	-0.454	-0.525	-0.761	-0.947	-0.953	-1.270	-1.430	-1.337	-1.745	-1.581	-1.700	-1.819	-2.304	-2.056	-2.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.475	0.293	0.114	-0.064	-0.241	-0.415	-0.584	-0.749	-0.908	-1.063	-1.215	-1.364	-1.513	-1.660	-1.806	-1.950	-2.094	-2.237	-2.380	-2.5
ert landfill																						
	Available inert landfill capacity		0.000	-0.062	-0.122	-0.181	-0.239	-0.295	-0.350	-0.402	-0.452	-0.501	-0.547	-0.592	-0.636	-0.678	-0.720	-0.759	-0.798	-0.835	-0.871	-0.9
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.065	-0.129	-0.192	-0.255	-0.316	-0.377	-0.436	-0.494	-0.551	-0.607	-0.662	-0.716	-0.769	-0.822	-0.873	-0.923	-0.971	-1.018	-1.
lazardous la	ndtill Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	U.
	Note. The model does not contain data for the management of mazardous waste.																					
ATA_01: AI	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
ISW	Arisings of MSW in baseline year																					
	) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.
(1	Forecast regional level growth rate of MSW - cumulative (%)	106%	109%	111% 0.141	114% 0.144	117% 0.148	120% 0.152	122%	125% 0.158	127% 0.161	130%	133%	135% 0.170	137%	139%	141% 0.178	143% 0.180	145% 0.183	147% 0.186	149% 0.189	152%	15
	Total arisings of MSW using regional growth forecasts  Forecast sub-regional growth rate of MSW - per year (%)	0.134	0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191	0
	) Forecast sub-regional level growth rate of MSW - cumulative (%)	104%	106%	108%	110%	113%	115%	117%	120%	122%	124%	127%	129%	132%	135%	137%	140%	143%	146%	149%	152%	15
(1)	Total arisings of MSW using sub-regional growth forecasts	0.131	0.134	0.137	0.140	0.142	0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.167	0.170	0.173	0.177	0.180	0.184	0.188	0.192	0.
\$i	Arisings of C&I in baseline year																					
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1
(1)	Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	16
	Total arisings of C&I using regional growth forecasts	0.094	0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132	0.
	Forecast sub-regional level growth rate of C&I - per year (%)	3.3% 117%	2.5% 120%	2.5% 123%	2.5% 126%	2.5% 130%	2.5% 133%	2.0% 136%	2.0% 138%	2.0% 141%	2.0% 144%	2.0% 147%	1.5% 149%	1.5% 151%	1.5% 153%	1.5% 156%	1.5% 158%	1.0%	1.0% 161%	1.0% 163%	1.0%	1
(1	) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts	0.094	0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132	
zardous	Arisings of Carl using sub-regional growth forecasts  Arisings of hazardous waste in baseline year	0.034	0.090	0.039	0.101	0.104	0.100	0.108	0.111	0.113	0.113	0.117	0.118	0.121	0.123	0.125	0.120	0.120	0.129	0.130	0.132	0
	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1
(-	Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	1
	Total arisings of hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	(
(2	Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	1
kd.	Total arisings of hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0
	Total managed C&D in baseline year	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
(3	) Forecast regional-level growth rate of managed C&D - per year (%) Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	10
	Total managed of C&D for the sub-region	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.
13																						

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures into ISECHA, updated waste Explicitly floods or PERM in 2005.

(S) Baseline year of hazardous waste earlings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

(s) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. On the companies of the permitted of th

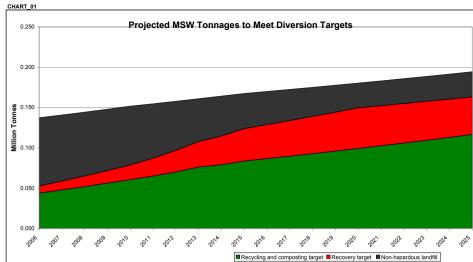
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

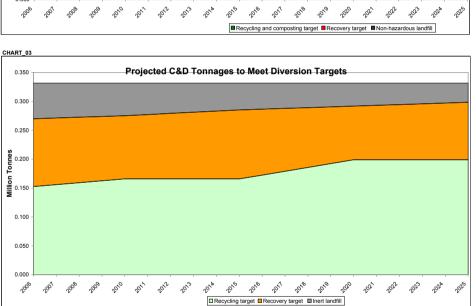
DATA_02:	INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c	&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
	(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.017	0.017	0.016	0.016	0.015	0.015	0.014	0.013	0.012	0.012	0.011	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.008
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%	59%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	58%	59%	59%	59%	59%	60%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.010	0.010	0.009	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	42%	41%	41%	41%	41%	40%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003

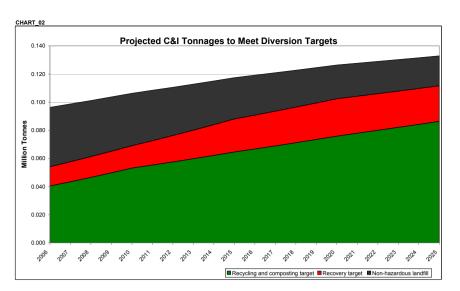
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

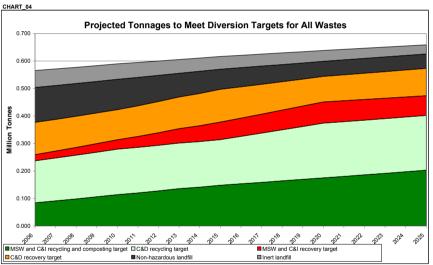
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	0.134	0.137	0.141	0.144	0.148	0.152	0.155	0.158	0.161	0.164	0.167	0.170	0.173	0.175	0.178	0.180	0.183	0.186	0.189	0.191	0.194
msw - imports from london that are sent direct to non-hazardous landfill	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.004
c&i	0.094	0.096	0.099	0.101	0.104	0.106	0.108	0.111	0.113	0.115	0.117	0.119	0.121	0.123	0.125	0.126	0.128	0.129	0.130	0.132	0.133
c&I - imports from london that are sent direct to non-hazardous landfill	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003
c&d	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
hazardous	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022
•																					
DATA_04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.081	0.078	0.074	0.068	0.061	0.053	0.047	0.041	0.035	0.034	0.032	0.031	0.029	0.028	0.026	0.025	0.025	0.025	0.025	0.025	0.025
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

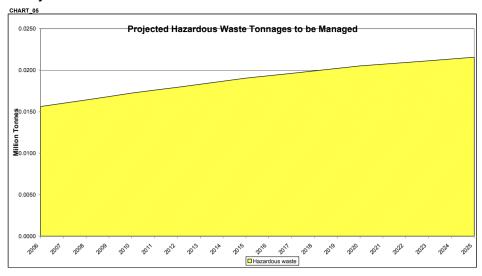
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.047	0.053	0.059	0.065	0.072	0.079	0.087	0.096	0.105	0.114	0.124	0.129	0.134	0.139	0.144	0.150	0.152	0.155	0.158	0.160	0.163
	Total MSW not-diverted by targets	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.062	0.056	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.059	0.058	0.056	0.054	0.052	0.050	0.046	0.042	0.038	0.034	0.030	0.028	0.026	0.025	0.023	0.021	0.021	0.021	0.021	0.021	0.021
	LATS shortfall (how much extra is landfilled above LATS target)	-0.021	-0.020	-0.018	-0.014	-0.009	-0.003	-0.001	0.001	0.003	0.000	-0.002	-0.003	-0.003	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.003	-0.003
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.040	0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113	0.117
	Recovery target	0.007	0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048	0.047	0.047
	Non-hazardous landfill	0.087	0.085	0.082	0.079	0.076	0.073	0.067	0.061	0.053	0.050	0.044	0.041	0.039	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.038	0.040	0.043 0.014	0.047	0.050	0.053	0.055	0.058 0.019	0.060 0.020	0.062 0.022	0.065 0.023	0.067	0.069 0.025	0.071 0.025	0.074	0.076 0.027	0.078 0.026	0.080 0.026	0.082 0.026	0.084 0.026	0.086
	Recovery target	0.013	0.014		0.015	0.015	0.016	0.017					0.024			0.026						0.025 0.021
	Non-hazardous landfill CHECK COUNTER (should be zero)	0.043	0.042	0.041	0.040	0.039	0.037	0.036	0.034	0.033	0.031	0.029	0.028	0.027 0.000	0.026	0.025	0.024	0.023	0.023	0.022	0.022	0.021
	CHECK COUNTER (Stitulia de Zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.199
	Recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
	Inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022
DATA 06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DATA_00.	MSW and C&I recycling and composting target	0.078	0.084	0.091	0.099	0.106	0.114	0.120	0.128	0.136	0.141	0.148	0.153	0.159	0.164	0.169	0.175	0.180	0.186	0.191	0.197	0.203
	C&D recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.126	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.173	0.199	0.199	0.199	0.199	0.199
	MSW and C&I recovery target	0.020	0.022	0.025	0.028	0.031	0.034	0.040	0.046	0.052	0.057	0.064	0.066	0.069	0.072	0.074	0.077	0.076	0.075	0.074	0.073	0.072
	C&D recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
	Non-hazardous landfill	0.130	0.127	0.123	0.119	0.115	0.110	0.103	0.095	0.086	0.081	0.073	0.069	0.066	0.062	0.059	0.055	0.054	0.054	0.053	0.053	0.052
	Inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
	Hazardous waste	0.015	0.016	0.016	0.016	0.017	0.017	0.018	0.018	0.018	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.021	0.021	0.021	0.022











G. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

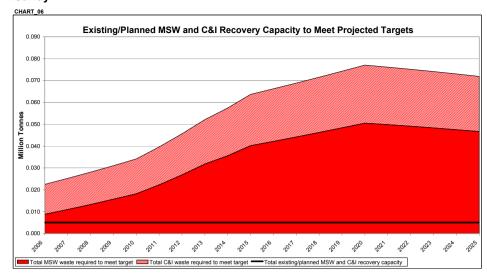
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I treatment	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total existing/planned MSW and C&I recovery capacity	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Total MSW waste required to meet target	0.007	0.009	0.011	0.013	0.016	0.018	0.022	0.027	0.032	0.036	0.040	0.042	0.044	0.046	0.048	0.051	0.050	0.049	0.048	0.047	0.047
Total C&I waste required to meet target	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.019	0.020	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.026	0.026	0.026	0.026	0.025
Surplus/deficit capacity	-0.015	-0.017	-0.020	-0.023	-0.026	-0.029	-0.035	-0.041	-0.047	-0.052	-0.059	-0.061	-0.064	-0.067	-0.069	-0.072	-0.071	-0.070	-0.069	-0.068	-0.067
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MSW and C&I transfer	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457	1.457
Total existing/planned MSW and C&I composting capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073
Total MSW waste required to meet recycling and composting target	0.040	0.044	0.048	0.052	0.056	0.061	0.065	0.070	0.076	0.079	0.084	0.087	0.090	0.093	0.096	0.099	0.103	0.106	0.109	0.113	0.117
Total C&I waste required to meet recycling and composting target	0.038	0.040	0.043	0.047	0.050	0.053	0.055	0.058	0.060	0.062	0.065	0.067	0.069	0.071	0.074	0.076	0.078	0.080	0.082	0.084	0.086
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.214	0.207	0.200	0.193	0.185	0.178	0.171	0.164	0.155	0.150	0.143	0.138	0.133	0.127	0.122	0.116	0.111	0.105	0.100	0.094	0.088
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.005	-0.012	-0.018	-0.026	-0.033	-0.041	-0.047	-0.055	-0.063	-0.068	-0.075	-0.081	-0.086	-0.091	-0.097	-0.102	-0.108	-0.113	-0.119	-0.124	-0.130
C&D recycling																					
(3) Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.149	0.153	0.156	0.159	0.162	0.166	0.166	0.166	0.166	0.166	0.166	0.172	0.179	0.186	0.192	0.199	0.199	0.199	0.199	0.199	0.199
Surplus/deficit capacity	-0.149	-0.153	-0.156	-0.159	-0.162	-0.166	-0.166	-0.166	-0.166	-0.166	-0.166	-0.172	-0.179	-0.186	-0.192	-0.199	-0.199	-0.199	-0.199	-0.199	-0.199
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.119	0.117	0.115	0.113	0.111	0.109	0.111	0.113	0.115	0.117	0.119	0.114	0.109	0.103	0.098	0.093	0.094	0.096	0.097	0.098	0.099
Surplus/deficit capacity	1.758	1.676	1.595	1.514	1.432	1.351	1.328	1.305	1.282	1.259	1.236	1.210	1.184	1.158	1.133	1.107	1.126	1.146	1.165	1.185	1.204
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A																				
Surplus/deficit capacity	N/A																				
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A																				
Surplus/deficit capacity	N/A																				
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		0.475	0.304	0.135	-0.030	-0.193	-0.351	-0.503	-0.647	-0.782	-0.912	-1.035	-1.155	-1.272	-1.387	-1.500	-1.609	-1.719	-1.828	-1.938	-2.048
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.475	0.300	0.128	-0.042	-0.209	-0.372	-0.530	-0.681	-0.824	-0.963	-1.095	-1.225	-1.353	-1.478	-1.602	-1.723	-1.844	-1.965	-2.086	-2.207
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		0.475	0.290	0.107	-0.075	-0.256	-0.434	-0.610	-0.781	-0.947	-1.110	-1.270	-1.430	-1.588	-1.745	-1.901	-2.056	-2.210	-2.364	-2.518	-2.671
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		0.475	0.301	0.129	-0.039	-0.205	-0.368	-0.525	-0.674	-0.816	-0.953	-1.083	-1.211	-1.337	-1.460	-1.581	-1.700	-1.819	-1.937	-2.056	-2.175
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		0.475	0.293	0.114	-0.064	-0.241	-0.415	-0.584	-0.749	-0.908	-1.063	-1.215	-1.364	-1.513	-1.660	-1.806	-1.950	-2.094	-2.237	-2.380	-2.523
Total MSW and C&I waste sent direct to non-hazardous landfill		0.127	0.123	0.119	0.115	0.110	0.103	0.095	0.086	0.081	0.073	0.069	0.066	0.062	0.059	0.055	0.054	0.054	0.053	0.053	0.052
Inert landfill																					
Available inert landfill capacity		0.000	-0.062	-0.122	-0.181	-0.239	-0.295	-0.350	-0.402	-0.452	-0.501	-0.547	-0.592	-0.636	-0.678	-0.720	-0.759	-0.798	-0.835	-0.871	-0.905
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.065	-0.129	-0.192	-0.255	-0.316	-0.377	-0.436	-0.494	-0.551	-0.607	-0.662	-0.716	-0.769	-0.822	-0.873	-0.923	-0.971	-1.018	-1.064
Total C&D waste sent direct to inert landfill	0.063	0.062	0.060	0.059	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.045	0.044	0.042	0.041	0.040	0.038	0.037	0.036	0.034	0.033
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill			0.000 I/A N			0.000 /A N				0.000 I/A N								0.000 I/A N			
Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other	N	I/A N	I/A N	//A N	/A N	/A N	/A N	I/A N	I/A N	I/A N	/A N	/A N	/A N	A N	/A N	/A N	I/A N	I/A N	/A N/	A N	/A
Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other Metal/ELV facility	0.166	U/A N	0.166	0.166	/A N	0.166	0.166	I/A N	0.166	UA N	/A N	/A N	/A N	0.166	/A N	0.166	0.166	0.166	/A N/	0.166	/A 0.166
Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other Metal/ELV facility Ignored	0.166 0.000																				
Available hazardous landfill capacity Total hazardous waste sent direct to hazardous landfill Other Metal/ELV facility	0.166	U/A N	0.166	0.166	/A N	0.166	0.166	I/A N	0.166	UA N	/A N	/A N	/A N	0.166	/A N	0.166	0.166	0.166	/A N/	0.166	/A 0.166

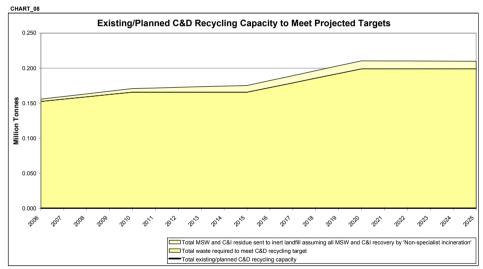
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity

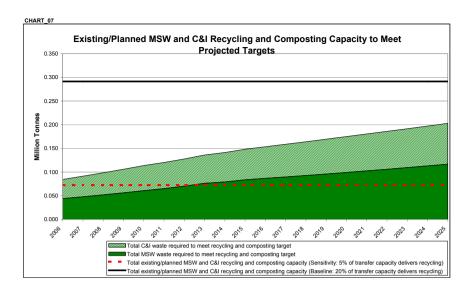
<sup>(1)</sup> EXM has assumed that \$5' or the dual translet capacity will believe recycling capacity (2) EXM has assumed that \$5' or the total translet capacity will deliver recycling capacity (3) EXM has assumed that \$5' or the total translet capacity will deliver recycling capacity (3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by EXM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

DATA_08: RESIDUE RA	ATES (%) r residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	C&I incineration (non-specialist) - fly ash	3 59	3	3 59	3	3	3	3	3 59	3	3	3 59	3	3 59	3	3	3	3	3	3 59	3 59	3
	C&I to MBT	12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	59 12	12	12	59 12
MSW and	C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
	C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	s waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
MSW and	g residues (% by weight)  C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and	C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	I C&I composting	15 10	15 10	15 10	15 10	15	15 10	15 10	15 10	15 10	15	15 10	15 10	15 10	15 10	15	15 10	15	15 10	15 10	15 10	15 10
C&D recyc Hazardous	s waste recycling	5	5	5	5	10 5	5	5	5	5	10 5	5	5	5	5	10 5	5	10 5	5	5	5	5
Other																						
Metal/ELV	/ facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored Closed		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
															1071			1071				
	capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its call					-																
DATA_09: TOTAL RESI	IDUE (Million Tonnes) r residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and	C&I incineration (non-specialist) - bottom ash	0.006	0.007	0.008	0.008	0.009	0.010	0.012	0.014	0.016	0.017	0.019	0.020	0.021	0.021	0.022	0.023	0.023	0.023	0.022	0.022	0.022
MSW and	C&I incineration (non-specialist) - fly ash	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
	C&I to MBT	0.012 0.002	0.013 0.003	0.015	0.017	0.018 0.004	0.020 0.004	0.023 0.005	0.027	0.031	0.034	0.038	0.039	0.041	0.042	0.044	0.045	0.045	0.044	0.044	0.043	0.042
	C&I treatment - non-hazardous	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
	C&I treatment - hazardous	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
	s waste recovery	N/A I	V/A N	/A N	/A N	/A N	/A N	I/A N/	A N	/A N/	A N	/A N	/A N	/A N	/A N/	A N	/A N	/A N/	/A N	/A N/	A N//	Α
	g residues (of waste managed):  C&I recycling and composting	0.012	0.013	0.014	0.015	0.016	0.017	0.018	0.019	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.028	0.029	0.030	0.030
C&D recyc	cling	0.015	0.015	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.018	0.019	0.019	0.020	0.020	0.020	0.020	0.020	0.020
Hazardous	s waste recycling	N/A I	V/A N	/A N	/A N	/A N	/A N	I/A N/	A N	/A N/	A N	/A N	/A N	/A N	/A N/	A N	/A N	/A N/	/A N	/A N/	A N//	Ά
Note: All re	residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	h the self-suffi	iciency requir	rements of I	PPS10.																	
DATA 40. TOTAL MOW	AND COLDECTIVE FROM RECYCLING CENT TO NON HAZARROUG LANDERLY (Million Toward)																					
DATA_10: TOTAL MSW	AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSV	N and C&I recycling and composting residue sent to non-hazardous landfill	0.027	0.028	0.029	0.031	0.032	0.034	0.035	0.036	0.037	0.038	0.039	0.040	0.042	0.043	0.045	0.046	0.047	0.048	0.049	0.049	0.050
DATA_11: TOTAL MSW	V AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million	n Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARI	IO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2000	2000	2001	2000	2000	2010	2011	LUIL	2010	2011	2010	2010	2017	2010	2010	LULU	LULI	LULL	LOLO	LULI	LULU
(1) Total MSV	N and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011
(1) Total MSV	W and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  10 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.009	0.010	0.010	0.010	0.011	0.011	0.012	0.011	0.011	0.011	0.011	0.011
Total MSV	N and C&I residue sent to non-hazardous landfill	0.012	0.013	0.015	0.017	0.018	0.020	0.023	0.027	0.031	0.034	0.038	0.039	0.041	0.042	0.044	0.045	0.045	0.044	0.044	0.043	0.042
SCENARI	IO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
	N and C&I residue sent to non-hazardous landfill     10 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.002	0.003	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
	W and C&I residue sent to non-hazardous landfill	0.009	0.010	0.011	0.013	0.014	0.015	0.018	0.021	0.023	0.026	0.029	0.030	0.031	0.032	0.033	0.035	0.034	0.034	0.033	0.033	0.032
(1) It was assi	numed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lar	ndfill. In the o	riginal model	l assumptio	ns develope	d MEL 50%	was assur	ned to go to	C&D recycl	ling, rather th	han to inert	landfi										
	OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)																					
	ed on landfill sites	39 9																				
	ed on exempt sites ed on landfill sites sent to 'non-haz landfill'	61 °																				
(1) C&D reuse	ed on landfill sites sent to 'inert landfill'	70 9																				
c&d Total C&D	) reused on non-hazardous landfill	2005 0.014	2006 0.014	2007 0.013	2008 0.013	2009 0.013	2010 0.013	0.013	2012 0.013	0.013	2014 0.014	2015 0.014	2016 0.013	2017 0.013	2018 0.012	2019 0.011	2020 0.011	2021 0.011	2022 0.011	2023 0.011	2024 0.011	2025 0.012
Total reus	red C&D on inert landfill	0.014	0.014	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.032	0.014	0.013	0.013	0.012	0.011	0.025	0.026	0.026	0.026	0.011	0.012
	e rates based on original model assumptions developed MEL					D																
NOTE: C&	RD reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	upplied by ea	cn sub-regior	n nas accou	inted for C&	D reuse as	an enginee	ring material														
DATA_13: TOTAL MSW	AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
T-1-17 ****	Mand College Size and approximate the second state of the second s	2005 N/A	2006 N/A N	2007	2008 /A N	2009 /A N	2010	2011 I/A N/	2012 A N	2013 /A N/	2014 /A N/	2015 /A N	2016 /A N	2017 /A N	2018 /A N/	2019 A N	2020	2021 /A N/	2022	2023 /A N/	2024 A N/A	2025
I otal MSV	N and C&I recycling and composting residue sent to hazardous landfill	N/A I	V/A N	/A N	/A N	/A N	/A N	I/A N/	A N	/A N/	A N	/A N	/A N	A N	/A N/	A N	A N	A N/	A N	/A N/	A N//	Α
DATA_14: TOTAL MSW	AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	IO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  W and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
SCENARI	IO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Total MSV	N and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	IO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N and C&I residue sent to hazardous landfill     4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total MSV	W and C&I residue sent to hazardous landfill	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
NOTE: Thi	is element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of m	anaged waste	versus avail	lable capac	ity.																	
DATA_15: TOTAL HAZA	ARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To	nnes)																				
_		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
_	ARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To ardous waste recycling and recovery residue sent to hazardous landfill	2005	2006 N/A N																			2025 A

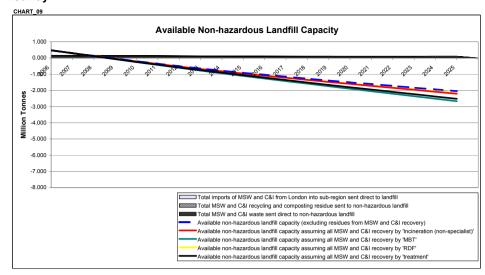
## Medway



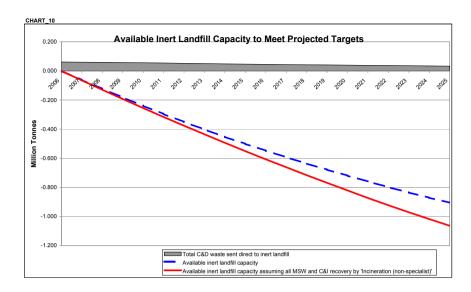




## Medway







#### SUMMARY DATA AND RESULTS FOR MILTON KEYNES

	ASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw - imports	from london that are sent direct to non-hazardous landfill		0.132 0.146	0.135 0.142	0.138 0.138	0.142 0.135	0.145 0.131	0.148 0.123	0.151 0.116	0.154	0.157	0.160	0.163	0.165	0.168	0.170 0.079	0.173	0.175	0.178	0.181	0.183	0.186
c&i	Individual that are sent direct to normazardous landing		0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034
	rom london that are sent direct to non-hazardous landfill		0.028	0.027	0.026	0.025	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.012
c&d			0.063	0.063	0.063	0.063	0.063	0.063 0.012	0.063	0.063	0.063	0.063	0.063	0.063 0.014	0.063 0.014	0.063	0.063 0.014	0.063 0.014	0.063 0.015	0.063 0.015	0.063 0.015	0.063
hazardous			0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
WASTE STR	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	LATS shortfall (how much extra is landfilled above LATS target)		-0.011	-0.009	-0.006	-0.002	0.003	0.004	0.006	0.007	0.004	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
	Recycling and composting target Recovery target		0.042	0.046	0.050	0.054	0.060 0.018	0.065 0.022	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098 0.048	0.101 0.047	0.105 0.046	0.108 0.045	0.112
	Non-hazardous landfill		0.000	0.079	0.013	0.013	0.018	0.022	0.054	0.032	0.033	0.039	0.039	0.042	0.034	0.032	0.048	0.048	0.030	0.040	0.040	0.045
c&i	Recycling and composting target		0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
	Recovery target		0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
c&d	Non-hazardous landfill Recycling target		0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.005
cau	Recovery target		0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.022	0.022	0.023	0.033	0.034	0.033	0.030	0.038	0.038	0.038	0.038	0.038	0.038
	Inert landfill		0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
hazardous	Hazardous waste		0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the management of the property of the control of the con	nodel assume	es that this e	xtra waste i	s recycled/c	omposted a	and recover	ed at the sa	me ratio as	the regional	targets for	recycling/co	mposting a	nd recovery	for that ye	ar.						
EXISTING/PL	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE	(Million Tor	nnes)																		
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&																						
	Total existing/planned MSW and C&I recovery capacity Surplus/deficit capacity		0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075 0.021	0.075	0.075	0.075 0.024
MSW and C&	recycling and composting		0.003	0.001	0.036	0.000	0.055	0.040	0.043	0.036	0.034	0.030	0.020	0.020	0.024	0.022	0.020	0.020	0.021	0.022	0.023	0.024
225 00	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.095	0.090	0.086	0.081	0.074	0.068	0.062	0.056	0.053	0.050	0.047	0.043	0.040	0.037	0.033	0.029	0.025	0.022 -0.001	0.018 -0.005	0.014
C&D recycling	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.073	0.068	0.064	0.059	0.051	0.046	0.040	0.034	0.031	0.028	0.025	0.021	0.018	0.014	0.011	0.007	0.003	-0.001	-0.005	-0.009
	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.029	-0.030	-0.030	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.033	-0.034	-0.035	-0.036	-0.038	-0.038	-0.038	-0.038	-0.038	-0.038
C&D recovery	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
	Surplus/deficit capacity		1.794	1.689	1.605	1.522	1.400	1.439	1.416	1.396	1.377	1.333	1.303	1.293	1.202	1.212	1.199	1.220	1.223	1.202	1.263	1.285
Hazardous wa			1.712	1.000	1.000	1.022	1.100	1.110	1.001	1.070	1.001	1.000	1.000	1.270	1.212	1.2.12	1.102	1.202	T.EEO	1.211	1.201	1.200
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous wa	ste recovery Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardou																						
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		22.000 22.000	21.724 21.722	21.454 21.450	21.192 21.185	20.936 20.926	20.689 20.677	20.457	20.241 20.219	20.039 20.012	19.849 19.816	19.671 19.631	19.499 19.452	19.334 19.280	19.175 19.113	19.022 18.953	18.877 18.799	18.733 18.647	18.591 18.496	18.450 18.347	18.310 18.200
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'incheration' (non-specialist)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		22.000	21.722	21.439	21.165	20.926	20.640	20.441	20.219	19.933	19.719	19.514	19.452	19.200	18.932	18.748	18.570	18.394	18.220	18.048	17.877
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		22.000	21.722	21.451	21.186	20.928	20.679	20.444	20.224	20.017	19.823	19.639	19.462	19.290	19.125	18.967	18.814	18.664	18.515	18.368	18.222
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		22.000	21.719	21.443	21.172	20.908	20.651	20.408	20.177	19.958	19.750	19.552	19.359	19.171	18.989	18.813	18.643	18.474	18.308	18.143	17.980
Inert landfill	Available inert landfill capacity		1.128	1.116	1.105	1.094	1.083	1.072	1.062	1.052	1.042	1.033	1.024	1.016	1.007	0.999	0.992		0.977	0.970	0.963	0.956
	Available inert landfill capacity  Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.126	1.116	1.105	1.094	1.063	1.072	1.062	1.032	1.042	1.000	0.985	0.969	0.953					0.970	0.963	0.956
Hazardous la			1.120	1.110	1.101											0.938		0.984				0.010
	Available hazardous landfill capacity		0.000				1.07 1					1.000		0.303	0.953	0.938	0.922	0.984 0.906	0.891	0.876		
	Note: The model does not contain data for the management of hazardous waste.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.938				0.000	0.000	0.000
			0.000	0.000	0.000			0.000	0.000	0.000	0.000		0.000				0.922	0.906	0.891		0.000	0.000
DATA 01: AF	RISINGS AND GROWTH RATES OF MSW. C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	0.000	0.000			0.000	0.000	0.000	0.000		0.000				0.922	0.906	0.891		0.000	
msw	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes) Arisings of MSW in baseline year		2006	2007	2008	0.000	0.000	2011	2012	2013	2014	0.000	2016	0.000 2017	0.000	0.000	0.922 0.000 2020	0.906 0.000 2021	0.891 0.000 2022	0.000	2024	2025
msw (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%)	3.0%	2006	2007	2008	0.000 2009 2.5%	0.000 2010 2.5%	2011	2012	2013	2014	0.000 2015 2.0%	2016	0.000 2017 1.5%	0.000 2018 1.5%	0.000 2019 1.5%	0.922 0.000 2020 1.5%	0.906 0.000 2021 1.5%	0.891 0.000 2022 1.5%	0.000 2023	2024	2025
msw (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 103%	2006 2.5% 106%	2007 2.5% 108%	2008 2.5% 111%	0.000 2009 2.5% 114%	0.000 2010 2.5% 117%	2011 2.0% 119%	2012 2.0% 121%	2013 2.0% 124%	2014 2.0% 126%	0.000 2015 2.0% 129%	2016 1.5% 131%	0.000 2017 1.5% 133%	0.000 2018 1.5% 135%	0.000 2019 1.5% 137%	0.922 0.000 2020 1.5% 139%	0.906 0.000 2021 1.5% 141%	0.891 0.000 2022 1.5% 143%	0.000 2023 1.5% 145%	2024 1.5% 147%	2025 1.5% 149%
msw (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts	3.0%	2006	2007	2008 2.5% 111% 0.138	0.000 2009 2.5% 114% 0.142	0.000 2010 2.5%	2011	2012	2013	2014	0.000 2015 2.0%	2016	0.000 2017 1.5%	0.000 2018 1.5%	0.000 2019 1.5%	0.922 0.000 2020 1.5%	0.906 0.000 2021 1.5%	0.891 0.000 2022 1.5%	0.000 2023	2024	2025
msw (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%)	3.0% 103%	2006 2.5% 106%	2007 2.5% 108%	2008 2.5% 111%	0.000 2009 2.5% 114%	0.000 2010 2.5% 117%	2011 2.0% 119%	2012 2.0% 121%	2013 2.0% 124%	2014 2.0% 126%	0.000 2015 2.0% 129%	2016 1.5% 131%	0.000 2017 1.5% 133%	0.000 2018 1.5% 135%	0.000 2019 1.5% 137%	0.922 0.000 2020 1.5% 139%	0.906 0.000 2021 1.5% 141%	0.891 0.000 2022 1.5% 143%	0.000 2023 1.5% 145%	2024 1.5% 147%	2025 1.5% 149%
msw (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%)	3.0% 103% 0.128 2.6%	2006 2.5% 106% 0.132 3.8%	2007 2.5% 108% 0.135 4.4%	2008 2.5% 111% 0.138 4.6%	0.000 2009 2.5% 114% 0.142 4.4%	0.000 2010 2.5% 117% 0.145 3.8%	2011 2.0% 119% 0.148 3.3%	2012 2.0% 121% 0.151 2.6%	2013 2.0% 124% 0.154 2.6%	2014 2.0% 126% 0.157 2.6%	0.000 2015 2.0% 129% 0.160 2.1%	2016 1.5% 131% 0.163 2.0%	0.000 2017 1.5% 133% 0.165 2.0%	0.000 2018 1.5% 135% 0.168 2.0%	0.000 2019 1.5% 137% 0.170 2.1%	0.922 0.000 2020 1.5% 139% 0.173 1.6%	0.906 0.000 2021 1.5% 141% 0.175 1.5%	0.891 0.000 2022 1.5% 143% 0.178 1.7%	0.000 2023 1.5% 145% 0.181 1.6%	2024 1.5% 147% 0.183 1.6%	2025 1.5% 149% 0.186 1.6% 171%
msw (1) (1) (1) (1) c&i	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CSM ISW using sub-regional growth forecasts	3.0% 103% 0.128 2.6% 103% 0.128	2006 2.5% 106% 0.132 3.8% 107% 0.133	2.5% 108% 0.135 4.4% 111% 0.139	2.5% 111% 0.138 4.6% 116% 0.145	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157	2011 2.0% 119% 0.148 3.3% 130% 0.162	2012 2.0% 121% 0.151 2.6% 134% 0.167	2013 2.0% 124% 0.154 2.6% 137% 0.171	2014 2.0% 126% 0.157 2.6% 141% 0.175	0.000 2015 2.0% 129% 0.160 2.1% 143% 0.179	2016 1.5% 131% 0.163 2.0% 146% 0.183	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186	0.000 2018 1.5% 135% 0.168 2.0% 152% 0.190	0.000 2019 1.5% 137% 0.170 2.1% 156% 0.194	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.197	0.906 0.000 2021 1.5% 141% 0.175 1.5% 160% 0.200	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203	0.000 2023 1.5% 145% 0.181 1.6% 166% 0.207	2024 1.5% 147% 0.183 1.6% 168% 0.210	2025 1.5% 149% 0.186 1.6% 171% 0.213
msw (1) (1) (1) (1) (2) c&i (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%)	3.0% 103% 0.128 2.6% 103% 0.128	2006 2.5% 106% 0.132 3.8% 107% 0.133	2007 2.5% 108% 0.135 4.4% 111% 0.139	2008 2.5% 1111% 0.138 4.6% 116% 0.145	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5%	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157 2.5%	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0%	2012 2.0% 121% 0.151 2.6% 134% 0.167	2013 2.0% 124% 0.154 2.6% 137% 0.171	2014 2.0% 126% 0.157 2.6% 141% 0.175	0.000 2015 2.0% 129% 0.160 2.1% 143% 0.179 2.0%	2016 1.5% 131% 0.163 2.0% 146% 0.183	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186	0.000  2018  1.5% 135% 0.168  2.0% 152% 0.190  1.5%	0.000 2019 1.5% 137% 0.170 2.1% 156% 0.194 1.5%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.197	0.906 0.000 2021 1.5% 141% 0.175 1.5% 160% 0.200	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203	0.000 2023 1.5% 145% 0.181 1.6% 166% 0.207	2024 1.5% 147% 0.183 1.6% 168% 0.210	2025 1.5% 149% 0.186 1.6% 171% 0.213
msw (1) (1) (1) (1) (2) c&i (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Foreast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CSU in baseline year Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - cumulative (%)	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117%	2006 2.5% 106% 0.132 3.8% 107% 0.133 2.5% 120%	2007  2.5% 108% 0.135 4.4% 111% 0.139  2.5% 123%	2008 2.5% 111% 0.138 4.6% 116% 0.145 2.5% 126%	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130%	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133%	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136%	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144%	0.000 2015 2.0% 129% 0.160 2.1% 143% 0.179 2.0% 147%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151%	0.000 2018 1.5% 135% 0.168 2.0% 152% 0.190 1.5% 153%	0.000 2019 1.5% 137% 0.170 2.1% 156% 0.194 1.5%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.197	0.906 0.000 2021 1.5% 141% 0.175 1.5% 160% 0.200 1.0%	0.891 0.000 2022 1.5% 143% 0.178 163% 0.203 1.0%	0.000 2023 1.5% 145% 0.181 1.6% 166% 0.207	2024 1.5% 147% 0.183 1.6% 168% 0.210 1.0% 164%	2025 1.5% 149% 0.186 1.6% 0.213 1.0% 166%
msw (1) (1) (1) (2) c&i (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	3.0% 103% 0.128 2.6% 103% 0.128	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025	2007 2.5% 108% 0.135 4.4% 111% 0.139	2008 2.5% 111% 0.138 4.6% 116% 0.145 2.5% 126% 0.026	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133% 0.027	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028	2012 2.0% 121% 0.151 2.6% 134% 0.167	2013 2.0% 124% 0.154 2.6% 137% 0.171	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030	0.000  2015  2.0% 129% 0.160 2.19% 143% 0.179  2.0% 147% 0.030	2016 1.5% 131% 0.163 2.0% 146% 0.183	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186	0.000  2018  1.5% 135% 0.168  2.0% 152% 0.190  1.5%	0.000 2019 1.5% 137% 0.170 2.1% 156% 0.194 1.5% 156% 0.032	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.197	0.906 0.000 2021 1.5% 141% 0.175 1.5% 160% 0.200	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203	0.000 2023 1.5% 145% 0.181 1.6% 166% 0.207	2024 1.5% 147% 0.183 1.6% 168% 0.210	2025 1.5% 149% 0.186 1.6% 0.213 1.0% 166% 0.034
(1) (1) (1) (2) (2) (3) (4) (4) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 117%	2006 2.5% 106% 0.132 3.8% 107% 0.133 2.5% 120% 0.025 2.5% 120%	2007  2.5% 108% 0.135 4.4% 111% 0.139  2.5% 123% 0.026 2.5% 123%	2.5% 111% 0.138 4.6% 116% 0.145 2.5% 126% 0.026 2.5% 126%	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027 2.5% 130%	0.000  2010  2.5% 117% 0.145 3.8% 0.157  2.5% 133% 0.027 2.5% 133%	2011  2.0% 119% 0.148 3.3% 130% 0.162  2.0% 136% 0.028 2.0% 136%	2012  2.0% 121% 0.151 2.6% 134% 0.167  2.0% 138% 0.029 2.0% 138%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141% 0.029 2.0% 141%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0% 144%	0.000  2015  2.0% 129% 0.160  2.1% 143% 0.179  2.0% 147% 0.030 2.0% 147%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.55%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5% 151%	0.000  2018  1.5% 135% 0.168 2.0% 0.190  1.5% 153% 0.032 1.5% 153%	0.000  2019  1.5% 137% 0.170  2.1% 156% 0.194  1.5% 156% 156%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 0.197 1.5% 158% 0.033 1.5%	0.906 0.000 2021 1.5% 141% 0.175 1.5% 160% 0.200 1.0% 160% 0.33 1.0%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033	0.000 2023 1.5% 145% 0.181 1.6% 0.207 1.0% 163% 0.034 1.0%	2024  1.5% 147% 0.183 1.6% 168% 0.210  1.0% 164% 0.034 1.0% 164%	2025 1.5% 149% 0.186 1.6% 171% 0.213 1.0% 166% 0.034 1.0%
msw (1) (1) (1) (1) (2) (2) (1) (1) (1) (1) (1) (1)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3%	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025 2.5%	2007  2.5% 108% 0.135  4.4% 111% 0.139  2.5% 123% 0.026 2.5%	2008  2.5% 111% 0.138 4.6% 116% 0.145  2.5% 126% 0.026 2.5%	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027 2.5%	0.000  2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133% 0.027 2.5%	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028 2.0%	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141% 0.029 2.0%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0%	0.000  2015  2.0% 129% 0.160  2.1% 143% 0.179  2.0% 147% 0.030 2.0%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5%	0.000  2018  1.5% 1.35% 0.168  2.0% 152% 0.190  1.5% 153% 0.032 1.5%	0.000  2019  1.5% 137% 0.170  2.1% 156% 0.194  1.5% 15632 1.5%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.193 1.5%	0.906 0.000 2021 1.5% 141% 160% 0.200 1.0% 160% 0.033 1.0%	0.891 0.000 2022 1.5% 143% 0.178 163% 0.203 1.0%	0.000 2023 1.5% 145% 0.181 1.6% 0.207 1.0% 163% 0.034 1.0%	2024 1.5% 147% 0.183 1.6% 168% 0.210 1.0% 164% 0.034 1.0%	2025 1.5% 149% 0.186 1.6% 171% 0.213 1.0% 166% 0.034 1.0%
(1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CSI in baseline year Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts Forecast sub-regional level growth rate of CSI - per year (%) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth forecasts Arisings of hazardous waste in baseline year	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3%	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025	2.007 2.5% 108% 0.135 4.4% 111% 0.139 2.5% 123% 0.026 2.5% 123% 0.026	2008 2.5% 111% 0.138 4.6% 116% 0.145 2.5% 126% 0.026 2.5% 0.026	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027	0.000  2010  2.5% 117% 0.145 3.8% 126% 0.157  2.5% 133% 0.027	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028 2.0%	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141% 0.029 2.0%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0%	0.000  2015  2.0% 129% 0.160 143% 0.179  2.0% 147% 0.030  2.0%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5%	0.000  2018  1.5% 135% 0.168 2.0% 152% 0.190  1.5% 153% 0.032 1.5% 153% 0.032	0.000  2019  1.5% 137% 0.170 2.1% 156% 0.194  1.5% 156% 0.032 1.5%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.197 1.5% 158% 0.033 1.5%	0.906 0.000 2021 1.5% 141% 0.175 1.5% 0.200 1.0% 160% 0.033 1.0%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033	0.000 2023 1.5% 145% 0.181 1.6% 166% 0.207 1.0% 163% 0.034	1.5% 14.7% 0.183 1.6% 168% 0.210 1.0% 164% 0.034 1.0%	2025 1.5% 149% 0.186 1.66% 171% 0.213 1.0% 166% 0.034
(1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth roceasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast growth rate of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast regional level growth rate of C&I - cumulative (%) Total arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%)	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 117%	2006 2.5% 106% 0.132 3.8% 107% 0.133 2.5% 120% 0.025 2.5% 120%	2007  2.5% 108% 0.135 4.4% 111% 0.139  2.5% 123% 0.026 2.5% 123%	2.5% 111% 0.138 4.6% 116% 0.145 2.5% 126% 0.026 2.5% 126%	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027 2.5% 130%	0.000  2010  2.5% 117% 0.145 3.8% 0.157  2.5% 133% 0.027 2.5% 133%	2011  2.0% 119% 0.148 3.3% 130% 0.162  2.0% 136% 0.028 2.0% 136%	2012  2.0% 121% 0.151 2.6% 134% 0.167  2.0% 138% 0.029 2.0% 138%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141% 0.029 2.0% 141%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0% 144%	0.000  2015  2.0% 129% 0.160  2.1% 143% 0.179  2.0% 147% 0.030 2.0% 147%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.55%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5% 151%	0.000  2018  1.5% 135% 0.168 2.0% 0.190  1.5% 153% 0.032 1.5% 153%	0.000  2019  1.5% 137% 0.170  2.1% 156% 0.194  1.5% 156% 156%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 0.197 1.5% 158% 0.033 1.5%	0.906 0.000 2021 1.5% 141% 0.175 1.5% 160% 0.200 1.0% 160% 0.33 1.0%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033	0.000 2023 1.5% 145% 0.181 1.6% 0.207 1.0% 163% 0.034 1.0%	2024  1.5% 147% 0.183 1.6% 168% 0.210  1.0% 164% 0.034 1.0% 164%	2025 1.5% 149% 0.186 1.66% 0.213 1.0% 166% 0.034 1.0%
msw (1) (1) (1) (1) (2) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of CSI in baseline year Forecast regional level growth rate of CSI - per year (%) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts Forecast sub-regional level growth rate of CSI - per year (%) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth forecasts Arisings of hazardous waste in baseline year	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 117% 0.024	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025	2007  2.5% 108% 0.135 4.4% 111% 0.139  2.5% 123% 0.026 2.5% 0.026	2008  2.5% 1111% 0.138 4.6% 116% 0.145  2.5% 126% 0.026 2.5% 0.026	0.000  2009  2.5% 114% 0.142 4.4% 121% 0.15% 130% 0.027 2.5% 130% 0.027	0.000  2010  2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133% 0.027 2.5% 133% 0.027	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028 2.0% 0.028	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0% 2.0%	2013  2.0% 124% 0.154 2.6% 137% 0.171  2.0% 141% 0.029  2.0%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0% 144% 0.030	0.000  2015  2.0% 129% 0.160 2.1% 143% 0.179  2.0% 147% 0.030  2.0%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5% 1.5% 1.5%	0.000  2018  1.5% 135% 0.168 2.0% 152% 0.190 1.5% 153% 0.032 1.5% 1.5%	0.000  2019  1.5% 137% 0.170 2.1% 156% 0.194  1.5% 156% 0.032 1.5% 0.032	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.033 1.5% 0.033	0.906 0.000 2021 1.5% 141% 0.175 160% 0.200 1.0% 160% 0.033 1.0% 1.0% 1.0%	0.891 0.000 2022 1.5% 143% 0.178 163% 0.203 1.0% 161% 0.033 1.0% 161% 0.033	0.000  2023  1.5% 145% 0.181  1.6% 166% 0.207  1.0% 163% 0.034  1.0%	2024 1.5% 147% 0.183 1.6% 168% 0.210 1.0% 164% 0.034 1.0%	2025 1.5% 149% 0.186 1.6% 171% 0.213 1.0% 166% 0.034 1.0% 1.0%
(1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 107% 0.001 3.3%	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025 2.5% 109% 0.025	2007  2.5% 108% 0.135 4.4% 0.139  2.5% 123% 0.026 2.5% 123% 0.026 2.5% 112% 0.026	2008 2.5% 111% 0.138 4.6% 0.145 2.5% 126% 0.026 2.5% 126% 0.026 2.5% 126% 0.026	0.000 2009 2.5% 114% 0.142 4.4% 0.151 2.5% 130% 0.027 2.5% 118% 0.027	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133% 0.027 2.5% 121% 0.012 2.5%	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028 2.0% 123% 0.028	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0% 126% 0.013 2.0%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141% 0.029 2.0% 128% 0.013 2.0%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0% 131% 0.013 2.0% 131% 0.013	0.000  2015  2.0% 129% 0.160 0.160 2.1% 143% 0.179 2.0% 147% 0.030 2.0% 147% 0.030 2.0% 133% 0.013 2.0%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5% 149% 0.031 1.5% 1.5% 1.5%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5% 151% 0.031 1.5% 1.5%	0.000  2018  1.5% 135% 0.168 2.0% 0.190  1.5% 153% 0.032 1.5% 139% 0.014 1.5%	0.000  2019  1.5% 137% 0.170 2.1% 156% 0.032 1.5% 1.56% 0.032 1.5% 141% 0.014 1.5%	0.922 0.000 2020 1.5% 139% 0.173 1.5% 158% 0.033 1.5% 158% 0.033	0.906  0.000  2021  1.5% 141% 0.175 1.5% 160% 0.200  1.0% 160% 0.033 1.0% 145% 0.014 1.0%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033 1.0% 161% 0.033 1.0% 161% 0.033	0.000  2023  1.5% 145% 0.181  1.6% 166% 0.207  1.0% 163% 0.034 1.0% 163% 0.034 1.0% 148% 0.015	2024 1.5% 147% 0.183 1.68% 0.210 1.0% 164% 0.034 1.0% 149% 0.0134	2025 1.5% 149% 0.186 1.6% 171% 0.213 1.0% 166% 0.034 1.0% 151% 0.015
(1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in Daseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 117% 0.024 3.3% 107% 0.011 3.3%	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025 2.5% 120% 0.025 2.5% 109% 0.011 2.5% 109%	2007  2.5% 108% 0.135 4.4% 0.139  2.5% 123% 0.026 2.5% 123% 0.021 2.5% 112% 0.011 2.5%	2008  2.5% 111% 0.138 4.6% 116% 0.145 126% 0.026 2.5% 126% 0.026 2.5% 115% 0.011 2.5% 115%	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027 2.5% 130% 0.027 2.5% 130% 0.027	0.000  2010  2.5% 117% 0.145 3.8% 126% 133% 0.027 2.5% 133% 0.027 2.5% 121% 0.012 2.5% 121%	2011  2.0% 119% 0.148 3.3% 0.162  2.0% 136% 0.028 2.0% 136% 0.028 2.0% 123% 0.012 2.0%	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0% 138% 0.029 2.0% 126% 0.013 2.0%	2013  2.0% 124% 0.154 2.6% 137% 0.171  2.0% 141% 0.029 2.0% 141% 0.029 2.0% 128% 0.013 2.0% 128% 128%	2014  2.0% 126% 0.157 2.6% 141% 0.175  2.0% 144% 0.030 2.0% 144% 0.030 2.0% 131% 0.013 2.0% 131%	0.000  2015  2.0% 129% 0.160 2.1% 143% 0.179  2.0% 147% 0.030 2.0% 147% 0.030 2.0% 133% 0.013 2.0% 133%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5% 149% 0.031 1.5% 135% 0.013 1.5%	0.000  2017  1.5% 133% 0.165 2.0% 149% 0.186  1.5% 151% 0.031 1.5% 151% 0.031 1.5% 137% 0.014 1.5% 137%	0.000  2018  1.5% 135% 0.168 2.0% 152% 0.190  1.5% 153% 0.032 1.5% 153% 0.031 1.5% 139%	0.000  2019  1.5% 137% 0.170 2.1% 156% 0.194  1.5% 156% 0.032 1.5% 141% 0.014 1.5% 141%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.033 1.5% 158% 0.033 1.5% 144% 0.014 1.5%	0.906  0.000  2021  1.5% 141% 0.175 1.5% 160% 0.200  1.0% 160% 0.033 1.0% 160% 0.033 1.0% 145%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033 1.0% 161% 0.033 1.0% 161%	0.000 2023 1.5% 145% 0.181 1.6% 0.207 1.0% 163% 0.034 1.0% 163% 0.015 1.0%	2024 1.5% 147% 0.183 1.6% 0.210 1.0% 164% 0.034 1.0% 164% 0.034 1.0% 1.	2025 1.5% 149% 0.186 1.6% 171% 0.213 1.0% 0.034 1.0% 1.51% 0.015 1.0% 1.51%
msw (1) (1) (1) (2) (2) (2) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 107% 0.001 3.3%	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025 2.5% 109% 0.025	2007  2.5% 108% 0.135 4.4% 0.139  2.5% 123% 0.026 2.5% 123% 0.026 2.5% 112% 0.026	2008 2.5% 111% 0.138 4.6% 0.145 2.5% 126% 0.026 2.5% 126% 0.026 2.5% 126% 0.026	0.000 2009 2.5% 114% 0.142 4.4% 0.151 2.5% 130% 0.027 2.5% 118% 0.027	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133% 0.027 2.5% 121% 0.012 2.5%	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028 2.0% 123% 0.028	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0% 126% 0.013 2.0%	2013 2.0% 124% 0.154 2.6% 137% 0.171 2.0% 141% 0.029 2.0% 128% 0.013 2.0%	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 2.0% 131% 0.013 2.0% 131% 0.013	0.000  2015  2.0% 129% 0.160 0.160 2.1% 143% 0.179 2.0% 147% 0.030 2.0% 147% 0.030 2.0% 133% 0.013 2.0%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5% 149% 0.031 1.5% 1.5% 1.5%	0.000 2017 1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5% 151% 0.031 1.5% 1.5%	0.000  2018  1.5% 135% 0.168 2.0% 0.190  1.5% 153% 0.032 1.5% 139% 0.014 1.5%	0.000  2019  1.5% 137% 0.170 2.1% 156% 0.032 1.5% 1.56% 0.032 1.5% 141% 0.014 1.5%	0.922 0.000 2020 1.5% 139% 0.173 1.5% 158% 0.033 1.5% 158% 0.033	0.906  0.000  2021  1.5% 141% 0.175 1.5% 160% 0.200  1.0% 160% 0.033 1.0% 145% 0.014 1.0%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033 1.0% 161% 0.033 1.0% 161% 0.033	0.000  2023  1.5% 145% 0.181  1.6% 166% 0.207  1.0% 163% 0.034 1.0% 163% 0.034 1.0% 148% 0.015	2024 1.5% 147% 0.183 1.68% 0.210 1.0% 164% 0.034 1.0% 149% 0.0134	2025 1.5% 0.186 1.6% 171% 0.213 1.0% 0.034 1.0% 0.034 1.0% 1.51% 0.015
msw (1) (1) (1) (2) (2) (2) (2) (2)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using usb-regional growth forecasts Arisings of C&I in MSW using usb-regional growth forecasts Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - unulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - unulative (%) Total arisings of C&I using sub-regional growth forecasts Forecast sub-regional level growth rate of C&I - unulative (%) Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total arisings of hazardous waste Total arisings of hazardous waste	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 117% 0.024 3.3% 107% 0.011 3.3%	2006  2.5% 106% 0.132 3.8% 107% 0.133  2.5% 120% 0.025 2.5% 120% 0.025 2.5% 109% 0.011 2.5% 109%	2007  2.5% 108% 0.135 4.4% 0.139  2.5% 123% 0.026 2.5% 123% 0.021 2.5% 112% 0.011 2.5%	2008  2.5% 111% 0.138 4.6% 116% 0.145 126% 0.026 2.5% 126% 0.026 2.5% 115% 0.011 2.5% 115%	0.000 2009 2.5% 114% 0.142 4.4% 121% 0.151 2.5% 130% 0.027 2.5% 130% 0.027 2.5% 130% 0.027	0.000  2010  2.5% 117% 0.145 3.8% 126% 133% 0.027 2.5% 133% 0.027 2.5% 121% 0.012 2.5% 121%	2011  2.0% 119% 0.148 3.3% 0.162  2.0% 136% 0.028 2.0% 136% 0.028 2.0% 123% 0.012 2.0%	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0% 138% 0.029 2.0% 126% 0.013 2.0%	2013  2.0% 124% 0.154 2.6% 137% 0.171  2.0% 141% 0.029 2.0% 141% 0.029 2.0% 128% 0.013 2.0% 128% 128%	2014  2.0% 126% 0.157 2.6% 141% 0.175  2.0% 144% 0.030 2.0% 144% 0.030 2.0% 131% 0.013 2.0% 131%	0.000  2015  2.0% 129% 0.160 2.1% 143% 0.179  2.0% 147% 0.030 2.0% 147% 0.030 2.0% 133% 0.013 2.0% 133%	2016 1.5% 131% 0.163 2.0% 146% 0.183 1.5% 149% 0.031 1.5% 149% 0.031 1.5% 135% 0.013 1.5%	0.000  2017  1.5% 133% 0.165 2.0% 149% 0.186  1.5% 151% 0.031 1.5% 151% 0.031 1.5% 137% 0.014 1.5% 137%	0.000  2018  1.5% 135% 0.168 2.0% 152% 0.190  1.5% 153% 0.032 1.5% 153% 0.031 1.5% 139%	0.000  2019  1.5% 137% 0.170 2.1% 156% 0.194  1.5% 156% 0.032 1.5% 141% 0.014 1.5% 141%	0.922 0.000 2020 1.5% 139% 0.173 1.6% 158% 0.033 1.5% 158% 0.033 1.5% 144% 0.014 1.5%	0.906  0.000  2021  1.5% 141% 0.175 1.5% 160% 0.200  1.0% 160% 0.033 1.0% 160% 0.033 1.0% 145%	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033 1.0% 161% 0.033 1.0% 161%	0.000 2023 1.5% 145% 0.181 1.6% 0.207 1.0% 163% 0.034 1.0% 163% 0.015 1.0%	2024 1.5% 147% 0.183 1.6% 0.210 1.0% 164% 0.034 1.0% 164% 0.034 1.0% 1.	2025 1.5% 0.186 1.6% 171% 0.213 1.0% 0.034 1.0% 0.034 1.0% 1.51% 0.015
msw (1) (1) (1) (2) (2) (2) (3) (3) (3)	Arisings of MSW in baseline year Forecast regional level growth rate of MSW - per year (%) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts Forecast sub-regional growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - per year (%) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year Forecast regional level growth rate of C&I - per year (%) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts Forecast sub-regional level growth rate of C&I - per year (%) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	3.0% 103% 0.128 2.6% 103% 0.128 3.3% 117% 0.024 3.3% 10024 0.024 0.024 0.024 0.024	2006  2.5% 106% 0.132 3.8% 107% 0.25 2.5% 120% 0.025 2.5% 120% 0.011 2.5% 0.011 2.5% 0.011	2007  2.5% 108% 0.135 4.4% 111% 0.139 2.5% 123% 0.026  2.5% 123% 0.026  112% 0.011 2.5% 112% 0.011	2008  2.5% 111% 0.138 4.6% 116% 0.145  2.5% 126% 0.026  2.5% 126% 0.011 2.5% 0.011 2.5% 0.011	2.5% 114% 0.142 4.4% 121% 0.15% 130% 0.027 2.5% 130% 0.027 2.5% 118% 0.012 2.5%	0.000 2010 2.5% 117% 0.145 3.8% 126% 0.157 2.5% 133% 0.027 2.5% 133% 0.027 2.5% 121% 0.012	2011 2.0% 119% 0.148 3.3% 130% 0.162 2.0% 136% 0.028 2.0% 136% 0.028 2.0% 123% 0.012	2012 2.0% 121% 0.151 2.6% 134% 0.167 2.0% 138% 0.029 2.0% 138% 0.029 2.0% 126% 0.013	2013  2.0% 124% 0.154 2.6% 137% 0.171  2.0% 141% 0.029  2.0% 128% 0.013 2.0% 128% 0.013	2014 2.0% 126% 0.157 2.6% 141% 0.175 2.0% 144% 0.030 144% 0.030 2.0% 131% 0.013 2.0%	0.000  2015  2.0% 129% 0.160 2.19% 143% 0.179 147% 0.030 147% 0.030 2.0% 147% 0.030 2.0% 147% 0.030 2.0% 147% 0.030	2016  1.5% 131% 0.163 2.0% 146% 0.183  1.5% 149% 0.031 1.5% 149% 0.031 1.5% 135% 0.013	0.000  2017  1.5% 133% 0.165 2.0% 149% 0.186 1.5% 151% 0.031 1.5% 151% 0.014 1.5% 137% 0.014	0.000  2018  1.5% 135% 0.168 2.0% 152% 0.190 1.5% 153% 0.032 1.5% 153% 0.032 1.5% 153% 0.014	0.000 2019 1.5% 137% 0.170 2.1% 156% 0.194 1.5% 156% 156% 156% 156% 156% 156% 156% 15	0.922 0.000 1.5% 139% 0.173 1.6% 158% 0.033 1.5% 158% 0.033 1.5% 144% 0.014 1.5%	0.906  0.000  1.5% 141% 0.175 1.5% 0.200  1.0% 0.033 1.0% 160% 0.033 1.0% 145% 0.014	0.891 0.000 2022 1.5% 143% 0.178 1.7% 163% 0.203 1.0% 161% 0.033 1.0% 161% 0.033 1.0% 161% 0.015	0.000 2023 1.5% 145% 0.181 1.6% 166% 0.207 1.0% 163% 0.034 1.0% 163% 0.034 1.0% 148% 0.015	2024 1.5% 147% 0.183 1.6% 168% 0.210 1.0% 164% 0.034 1.09% 164% 0.0015 1.0%	2025 1.5% 149% 0.186 1.6% 171% 0.213 1.0% 166% 0.034 1.0% 151% 0.015

Hazardous waste

(1) Figures from SEERA updated waste capacity model by ERM in 2005.

DATA\_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)

- (2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

  (3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the orginal MEL study and updated modeted by ERM in 2005.
- NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'

2015 2016

2017 2018 2019 2020

2021

0.014 0.014 0.014 0.014 0.015 0.015 0.015 0.015

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02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2000	2010	2011	2012	2013	2014	2015	2016	2017

DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.178	0.173	0.169	0.164	0.160	0.156	0.147	0.138	0.129	0.121	0.112	0.107	0.103	0.098	0.094	0.089	0.087	0.085	0.083	0.081	0.079
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%	84%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.149	0.146	0.142	0.138	0.135	0.131	0.123	0.116	0.109	0.102	0.094	0.090	0.086	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.067
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	84%	84%	84%	85%	85%	85%	85%	85%	85%	85%	85%	86%	86%	86%	86%	86%	86%	86%	86%	86%	86%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.149	0.146	0.143	0.139	0.136	0.132	0.125	0.118	0.111	0.103	0.096	0.092	0.088	0.084	0.080	0.076	0.075	0.073	0.071	0.070	0.068
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%	16%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.028	0.028	0.027	0.026	0.025	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.012
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	16%	16%	16%	15%	15%	15%	15%	15%	15%	15%	15%	14%	14%	14%	14%	14%	14%	14%	14%	14%	14%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.028	0.027	0.026	0.025	0.024	0.023	0.022	0.020	0.019	0.018	0.016	0.016	0.015	0.014	0.013	0.013	0.012	0.012	0.012	0.011	0.011

<sup>(1)</sup> Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

msw		0.128	0.132	0.135	0.138	0.142	0.145	0.148	0.151	0.154	0.157	0.160	0.163	0.165	0.168	0.170	0.173	0.175	0.178	0.181	0.183	0.186
msw - impo	ts from london that are sent direct to non-hazardous landfill	0.149	0.146	0.142	0.138	0.135	0.131	0.123	0.116	0.109	0.102	0.094	0.090	0.086	0.083	0.079	0.075	0.073	0.071	0.070	0.068	0.067
c&i		0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.031	0.032	0.032	0.033	0.033	0.033	0.034	0.034	0.034
c&I - import	s from london that are sent direct to non-hazardous landfill	0.028	0.028	0.027	0.026	0.025	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.012
c&d		0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063
hazardous		0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
DATA_04:	FARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	1) landfill (Mt)	0.068	0.066	0.062	0.058	0.052	0.045	0.040	0.035	0.030	0.029	0.027	0.026	0.025	0.023	0.022	0.021	0.021	0.021	0.021	0.021	0.021
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				

<sup>(1)</sup> ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020

DATA 05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
·																					

This first section of DATA 03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (in

	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie																					
	insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.045	0.051	0.056	0.063	0.069	0.076	0.084	0.092	0.101	0.109	0.119	0.123	0.128	0.133	0.138	0.143	0.146	0.149	0.151	0.154	0.156
	Total MSW not-diverted by targets	0.083	0.081	0.079	0.076	0.073	0.070	0.065	0.059	0.054	0.048	0.042	0.039	0.037	0.035	0.032	0.029	0.029	0.030	0.030	0.030	0.030
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.057	0.055	0.053	0.052	0.050	0.047	0.044	0.040	0.036	0.033	0.028	0.027	0.025	0.024	0.022	0.020	0.020	0.020	0.020	0.020	0.020
	LATS shortfall (how much extra is landfilled above LATS target)	-0.012	-0.011	-0.009	-0.006	-0.002	0.003	0.004	0.006	0.007	0.004	0.001	0.001	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.003	0.004	0.005	0.003	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
	_	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.039	0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098	0.101	0.105	0.108	0.112
	Recovery target	0.006	0.008	0.011	0.013	0.015	0.018	0.022	0.027	0.032	0.035	0.039	0.041	0.042	0.044	0.046	0.048	0.048	0.047	0.046	0.045	0.045
	Non-hazardous landfill	0.083	0.081	0.079	0.076	0.073	0.067	0.060	0.054	0.047	0.044	0.041	0.039	0.037	0.034	0.032	0.029	0.029	0.030	0.030	0.030	0.030
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.010	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
	Recovery target	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	Non-hazardous landfill	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006	0.006	0.006	0.006	0.006	0.005
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
	Recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
	Inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.011	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015	0.015
DATA_06:	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
·	MSW and C&I recycling and composting target	0.048	0.053	0.057	0.062	0.067	0.074	0.080	0.085	0.091	0.094	0.098	0.101	0.104	0.107	0.111	0.115	0.118	0.122	0.126	0.130	0.134
	C&D recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
	MSW and C&I recovery target	0.010	0.012	0.014	0.017	0.019	0.022	0.027	0.032	0.037	0.041	0.045	0.047	0.049	0.051	0.053	0.055	0.055	0.054	0.053	0.052	0.051
	C&D recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
	Non-hazardous landfill	0.095	0.092	0.089	0.086	0.083	0.077	0.070	0.063	0.055	0.052	0.048	0.046	0.044	0.041	0.039	0.036	0.036	0.035	0.035	0.035	0.035
	Inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
	the state of the state	0.044	0.044	0.044	0.044	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.044	0.044	0.044	0.044	0.044	0.045	0.045	0.045	0.045

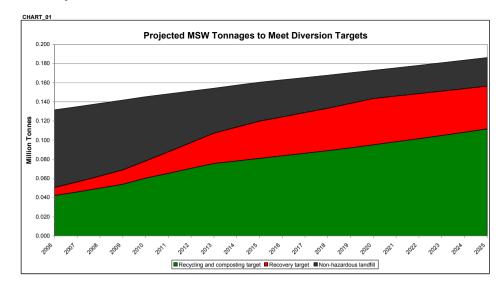
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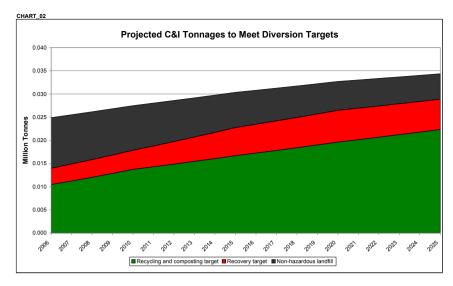
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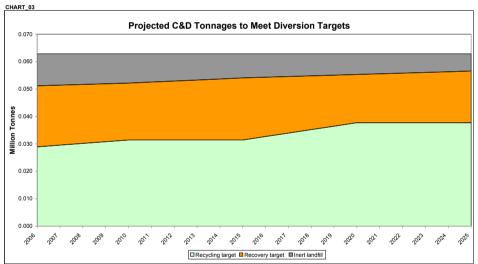
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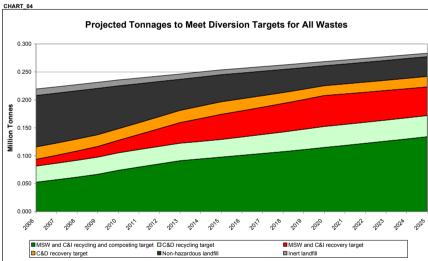
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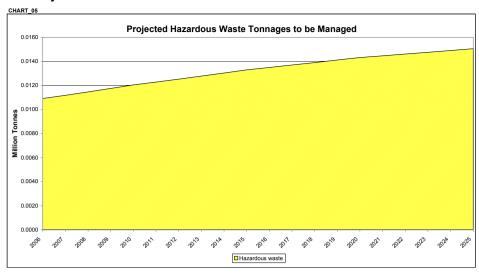
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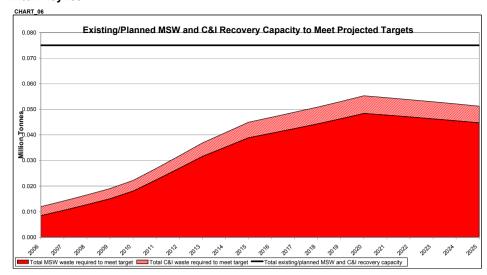
S/DI ANNED CADACITY FOR RECYCLING RECOVERY	AND LANDEILLING AND TOTAL WASTE TO	ONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

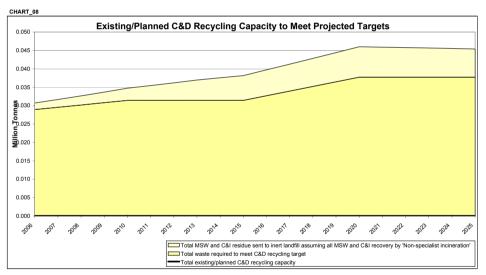
7: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EA			(Million To																		
MSW and C&I recovery	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery  MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000			0.000	0.000							0.000				0.000				0.000	0.000
MSW and C&I treatment	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Total existing/planned MSW and C&I recovery capacity	0.075	0.075 0.008		0.075	0.075	0.075		0.075	0.075	0.075	0.075	0.075	0.075		0.075	0.075				0.075	0.075
Total MSW waste required to meet target			0.011				0.022							0.044			0.048	0.047	0.046	0.045	0.045
Total C&I waste required to meet target	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007		
Surplus/deficit capacity	0.065	0.063	0.061	0.058	0.056	0.053	0.048	0.043	0.038	0.034	0.030	0.028	0.026	0.024	0.022	0.020	0.020	0.021	0.022	0.023	0.024
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093
MSW and C&I transfer	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148
Total existing/planned MSW and C&I composting capacity	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.110	0.148	0.148	0.148	0.148	0.148	0.148
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
Total MSW waste required to meet recycling and composting target	0.039	0.042	0.046	0.050	0.054	0.060	0.065	0.071	0.076	0.078	0.081	0.084	0.086	0.089	0.092	0.095	0.098	0.101	0.105	0.108	0.112
Total C&I waste required to meet recycling and composting target	0.010	0.010	0.011	0.012	0.013	0.014	0.014	0.015	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.022	0.022
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.099	0.095	0.090	0.086	0.081	0.074	0.068	0.062	0.056	0.053	0.050	0.047	0.043	0.040	0.037	0.033	0.029	0.025	0.022	0.018	0.014
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.077	0.073	0.068	0.064	0.059	0.051	0.046	0.040	0.034	0.031	0.028	0.025	0.021	0.018	0.014	0.011	0.007	0.003	-0.001	-0.005	-0.009
C&D recycling																					
(3) Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.028	0.029	0.030	0.030	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.033	0.034	0.035	0.036	0.038	0.038	0.038	0.038	0.038	0.038
Surplus/deficit capacity	-0.028	-0.029	-0.030	-0.030	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.031	-0.033	-0.034	-0.035	-0.036	-0.038	-0.038	-0.038	-0.038	-0.038	-0.038
C&D recovery																					
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.021	0.022	0.022	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.019	0.019
Surplus/deficit capacity	1.855	1.772	1.689	1.605	1.522	1.439	1.418	1.397	1.376	1.354	1.333	1.303	1.273	1.242	1.212	1.182	1.202	1.223	1.244	1.264	1.285
Hazardous waste recycling																					
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recycled	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hazardous waste recovery																					
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		22.000	21.724	21.454	21.192	20.936	20.689	20.457	20.241	20.039	19.849	19.671	19.499	19.334	19.175	19.022	18.877	18.733	18.591	18.450	18.310
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		22.000	21.722	21.450	21.185	20.926	20.677	20.441	20.219	20.012	19.816	19.631	19.452	19.280	19.113	18.953	18.799	18.647	18.496	18.347	18.200
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		22.000	21.717	21.439	21.166	20.899	20.640	20.392	20.157	19.933	19.719	19.514	19.315	19.121	18.932	18.748	18.570	18.394	18.220	18.048	17.877
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		22.000	21.722	21.451	21.186	20.928	20.679	20.444	20.224	20.017	19.823	19.639	19.462	19.290	19.125	18.967	18.814	18.664	18.515	18.368	18.222
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		22.000	21.719	21.443	21.172	20.908	20.651	20.408	20.177	19.958	19.750	19.552	19.359	19.171	18.989	18.813	18.643	18.474	18.308	18.143	17.980
Total MSW and C&I waste sent direct to non-hazardous landfill		0.092	0.089	0.086	0.083	0.077	0.070	0.063	0.055	0.052	0.048	0.046	0.044	0.041	0.039	0.036	0.036	0.035	0.035	0.035	0.035
Inert landfill																					
Available inert landfill capacity		1.128	1.116	1.105	1.094	1.083	1.072	1.062	1.052	1.042	1.033	1.024	1.016	1.007	0.999	0.992	0.984	0.977	0.970	0.963	0.956
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		1.128	1.115	1.101	1.087	1.074	1.059	1.045	1.030	1.015	1.000	0.985	0.969	0.953	0.938	0.922	0.906	0.891	0.876	0.861	0.846
Total C&D waste sent direct to inert landfill	0.012	0.012	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.009	0.009	0.009	0.008	0.008	0.008	0.008	0.007	0.007	0.007	0.007	0.006
Hazardous landfill																			•		
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill	N	1/A	√A N	V/A N	√A N	√A N	/A N	I/A N	/A N	I/A N	A N	/A N	/A N	/A N	/A N	/A N	/A N	√A N	VA N	I/A N	I/A
Other																	-				
Metal/ELV facility	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
lanored	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Closed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

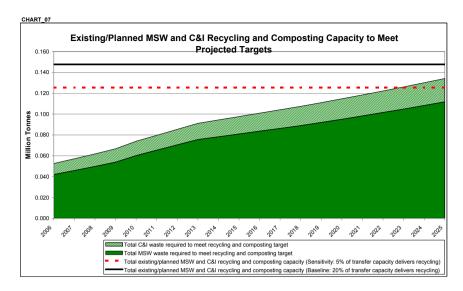
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer capacity will deliver recycling capacity
(3) Bata for CAD recovery for Indefilic over for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

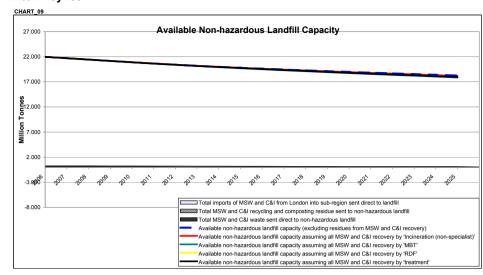
Total hazardous waste recycling and recovery residue sent to hazardous landfill

NATA_08: RESIDUE RATES (%)  Pacovary residues (%, by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	—
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
MSW and C&I treatment - hazardous Hazardous waste recovery	5 5	5	5	5 5	5 5	5 5	5	5	5 5	5 5	5 5	5	5	5 5	5 5	5	5 5	5	5	5	
Recycling residues (% by weight)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Other Made (C) V (c) iii	10	10	10	10	10	10	10	10	10	10	10	10	10	10	40	10	10	10	10	10	
Metal/ELV facility	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10 N/A	N/A	N/A	N/A	N/A	N/A	
ignored Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calc	ulations beca	use these a	re not releva	ant to the m	anagement	of MSW, Ca	&I and C&D.	. These dat	a are includ	ed for the pu	rposes of c	ompletenes	S.								
TA_09: TOTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
MSW and C&I incineration (non-specialist) - bottom ash	0.003	0.004	0.004	0.005	0.006	0.007	0.008	0.010	0.011	0.012	0.013	0.014	0.015	0.015	0.016	0.017	0.016	0.016	0.016	0.016	0.
MSW and C&I incineration (non-specialist) - fly ash	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.
MSW and C&I to MBT	0.006	0.007	0.008	0.010	0.011	0.013	0.016	0.019	0.022	0.024	0.027	0.028	0.029	0.030	0.031	0.033	0.032	0.032	0.031	0.002	0.
MSW and C&I to RDF	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.
MSW and C&I treatment - non-hazardous	0.004	0.005	0.006	0.007	0.009	0.010	0.012	0.014	0.017	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.024	0.024	0.023	0.
MSW and C&I treatment - hazardous	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.
Hazardous waste recovery	N/A N	1/A	V/A N	I/A N	/A N	/A N	/A N	/A N	A N	A N/A	N/.	A N//	N/	A N	/A N	VA N	I/A N	/A N	1/A N	I/A N	N/A
Recycling residues (of waste managed):																					
MSW and C&I recycling and composting	0.007 0.003	0.008	0.009 0.003	0.009 0.003	0.010 0.003	0.011	0.012 0.003	0.013 0.003	0.014 0.003	0.014 0.003	0.015 0.003	0.015 0.003	0.016 0.003	0.016 0.004	0.017 0.004	0.017 0.004	0.018 0.004	0.018 0.004	0.019 0.004	0.020	0.
C&D recycling Hazardous waste recycling					/A N																N/A
					,,,				,, ,,,								.,,		.,,		
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince with	the self-suffice	ciency requi	rements of F	PPS10.																	
A_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	:
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.010	0.011	0.012	0.012	0.013	0.014	0.015	0.016	0.017	0.017	0.018	0.018	0.019	0.020	0.020	0.021	0.022	0.022	0.023	0.023	0
	0.010	0.011	0.012	0.012	0.010	0.011	0.010	0.010	0.011	0.011	0.010	0.010	0.010	0.020	0.020	0.021	0.022	0.022	0.020	0.020	
TA_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million	n Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	2003	2000	2001	2000	2003	2010	2011	2012	2010	2014	2013	2010	2017	2010	2013	2020	2021	2022	2023	2024	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.005	0.006	0.006	0.007	0.007	0.007	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.006	0.007	0.008	0.010	0.011	0.013	0.016	0.019	0.022	0.024	0.027	0.028	0.029	0.030	0.031	0.033	0.032	0.032	0.031	0.031	0.
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	0.
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.004	0.004	0.005	0.005	0.006	0.006	0.006	0.006	0.007	0.007	0.006	0.006	0.006	U.
Total MSW and C&I residue sent to non-hazardous landfill	0.004	0.005	0.006	0.007	0.009	0.010	0.012	0.014	0.017	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.024	0.024	0.023	0.
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lan	dfill. In the or	riginal mode	:l assumptio	ns develope	d MEL 50%	was assun	ned to go to	C&D recycl	ing, rather t	han to inert la	andfi										
TA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)		,																			
(1) C&D reused on landfill sites (1) C&D reused on exempt sites	39 % 61 %																				
(1) C&D reused on exempt sites (1) C&D reused on landfill sites sent to 'non-haz landfill'	30 %																				
(1) C&D reused on landfill sites sent to 'inert landfill'	70 %																				
(1) Cab reason of fatigues some more arrangements	, ,																				
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
	0.003	0.003	0.003			0.002		0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002		0.002	0.002	0
1 I otal C&D reused on non-hazardous landfill				0.003	0.002		0.002														
d Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill	0.006	0.003	0.003	0.003	0.002 0.006	0.002	0.002 0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.002	0.005	0.002	0.002 0.005	0.005	0.005	
								0.006	0.006	0.006											
Total reused C&D on inert landfill	0.006	0.006	0.006	0.006	0.006	0.006	0.006		0.006	0.006											0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	0.006	0.006	0.006	0.006	0.006	0.006	0.006		0.006	0.006											
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	0.006 upplied by eac	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C&	0.006 D reuse as	0.006 an enginee	0.006 ring material	l.			0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.006 upplied by eac	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C& 2008	0.006 D reuse as a	0.006 an engineer	0.006 ring material 2011	l. 2012	2013	2014	2015	0.006	0.006	0.005	0.005	2020	0.005	0.005	0.005	0.005	0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.006 upplied by eac	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C& 2008	0.006 D reuse as	0.006 an engineer	0.006 ring material 2011	l. 2012	2013	2014	2015	0.006	0.006	0.005	0.005	2020	0.005	0.005	0.005	0.005	
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.006 upplied by eac	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C& 2008	0.006 D reuse as a	0.006 an engineer	0.006 ring material 2011	l. 2012	2013	2014	2015	0.006	0.006	0.005	0.005	2020	0.005	0.005	0.005	0.005	0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  IA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill	0.006 upplied by eac	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C& 2008	0.006 D reuse as a	0.006 an engineer	0.006 ring material 2011	I. 2012 /A N	2013	2014	2015 A N/.	2016 A N//	0.006	0.005	0.005	0.005 2020 N/A N	0.005 2021 I/A N	0.005 2022 I/A	0.005 2023 I/A N	0.005	0. 2 N/A
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  [A_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  [A_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.006 upplied by eac 2005 N/A	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C& 2008	0.006  D reuse as a 2009  /A No.	0.006 an engineer 2010 /A N	0.006 ring material 2011 /A N	l. 2012	2013 /A N	2014 'A N/A	2015	0.006	0.006 2017 A N/	0.005 0.005 2018 A N	0.005 2019 /A	2020	0.005	0.005	0.005	0.005 2024 I/A N	0 N/A
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  [A_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  [A_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.006 upplied by eac 2005 N/A	0.006 ch sub-regio	0.006 on has accou	0.006 unted for C& 2008	0.006  D reuse as a 2009  /A No.	0.006 an engineer 2010 /A N	0.006 ring material 2011 /A N	I. 2012 /A N	2013 /A N	2014 'A N/A	2015 A N/.	2016 A N//	0.006 2017 A N/	0.005 0.005 2018 A N	0.005 2019 /A	0.005 2020 N/A N	0.005 2021 I/A N	0.005 2022 I/A	0.005 2023 I/A N	0.005 2024 I/A N	0 N/A
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	0.006  upplied by eac  2005  N/A  N/A  2005	0.006  ch sub-region  2006  N/A  2006	0.006 on has account   2007 N/A N 2007	0.006 unted for C& 2008 I/A N	0.006  Direuse as a 2009  /A No	0.006 an engineer 2010 /A N	0.006  ring material  2011 //A N/	. 2012 /A N. 2012	2013 /A N. 2013	2014 'A N/A	2015 N/.	2016 A N//	2017 A N/	0.005 2018 A N	2019 /A N	2020 N/A N	2021 I/A N	2022 I/A N	2023 I/A N	0.005 2024 I/A N	0 N/A
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  IA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  IA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.006  upplied by eac  2005  N/A  N/A  2005	0.006  ch sub-region  2006  N/A  2006	0.006 on has account   2007 N/A N 2007	0.006 unted for C& 2008 I/A N	0.006  Direuse as a 2009  /A No	0.006 an engineer 2010 /A N	0.006  ring material  2011 //A N/	. 2012 /A N. 2012	2013 /A N. 2013	2014 'A N/A	2015 N/.	2016 A N//	2017 A N/	0.005 2018 A N	2019 /A N	2020 N/A N	2021 I/A N	2022 I/A N	2023 I/A N	0.005 2024 I/A N	0 N/A
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  TA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  TA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MSP' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'MSP' (based on total recovery capacity)	0.006  upplied by eac  2005  N/A  2005  0.000  0.000	0.006  ch sub-regic  2006  2006  0.000  0.000	2007 N/A N 2007 0.000	0.006  unted for C&  2008  I/A N  2008  0.000  0.000	0.006  D reuse as 3 2009  /A N/ 2009  0.001	0.006  an engineer  2010  (A N  2010  0.001	0.006  ring material  2011 /A N/  2011  0.001	2012 /A N. 2012 0.001	2013 /A N. 2013 0.001	2014 A N/A 2014 0.001	2015 A N/A 2015 0.001	2016 A N// 2016 0.001	2017 A N/ 2017 0.001	2018 A N 2018 0.002	0.005  2019  (A N 0.002  0.000	2020 2020 0.002	0.005  2021  4/A N  2021  0.002	0.005 2022 I/A N 2022 0.002	0.005 2023 0.002 0.000	0.005 2024 //A N 2024 0.002	0 N/A 2 0
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su ITA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW aND C&I recycling and composting residue sent to hazardous landfill  ITA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 3 - Assumes all recovery is by 'RBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent bazardous landfill assuming all MSW and C&I recovery capacity)  Total MSW and C&I residue sent bazardous landfill assuming all MSW and C&I recovery capacity)	0.006  upplied by each 2005  N/A N  2005	0.006  ch sub-regio  2006  N/A  0.000	0.006  on has account   2007  N/A N  2007  0.000	0.006  unted for C&  2008  I/A N  2008  0.000	0.006  D reuse as a 2009 /A No. 2009  0.001	0.006 an engineer  2010 /A N  2010  0.001	0.006  ring material  2011 //A N/  2011  0.001	2012 /A N. 2012 0.001	2013 /A N. 2013 0.001	2014 A N/A 2014 0.001	2015 A N/ 2015 0.001	2016 A N// 2016	0.006 2017 A N/ 2017	0.005 2018 A N 2018 0.002	2019 /A N	2020 N/A N 2020	0.005 2021 I/A N 2021 0.002	2022 I/A N 2022	2023 N/A N 2023	0.005 2024 1/A N 2024 0.002	0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  ITA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  TOTAL MSW AND C&I recycling and composting residue sent to hazardous landfill  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "NBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - RSABARIO 4 - RSABARIO 4 - RSABARIO 5 - RSABAR	0.006  upplied by eac  2005  N/A  2005  0.000  0.000  0.000	0.006  ch sub-regic  2006  N/A  0.000  0.000  0.000	0.006 on has account   2007 N/A N 2007 0.000 0.000	0.006  unted for C&  2008  I/A N  2008  0.000  0.000	0.006  D reuse as:  2009  /A Ni  2009  0.001  0.000	2010 //A N 2010 0.001 0.000 0.000	0.006  2011 /A N/ 2011  0.001  0.000	2012 /A N.  2012  0.001  0.000  0.000	2013 /A N. 2013 0.001 0.000	2014 A N// 2014 0.001 0.000	2015 2015 2015 0.001 0.000	2016 A N// 2016 0.001 0.000	2017 A N/ 2017 0.001 0.000	2018 A N 2018 0.002 0.000	2019 /A N  2019  0.002  0.000  0.000	2020 WA N 2020 0.002	2021 I/A N 2021 0.002 0.000	2022 //A N 2022 0.002 0.000 0.000	2023 WA N 2023 0.002 0.000	0.005 2024 1//A N 2024 0.002 0.000 0.000	0. 2 N/A 0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su ITA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW AND C&I recycling and composting residue sent to hazardous landfill  ITA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration"  SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.006  upplied by eac  2005  N/A N  2005  0.000  0.000  0.000	2006  0.000  2006  0.000  0.000  0.000  0.001	0.006  0.006  0.006  0.007  2007  0.000  0.000  0.000  0.001	0.006  unted for C&  2008  I/A N  2008  0.000  0.000  0.000  0.0001	0.006  D reuse as 3 2009  /A N/ 2009  0.001	0.006  an engineer  2010  (A N  2010  0.001	0.006  ring material  2011 /A N/  2011  0.001	2012 /A N. 2012 0.001	2013 /A N. 2013 0.001	2014 A N/A 2014 0.001	2015 A N/A 2015 0.001	2016 A N// 2016 0.001	2017 A N/ 2017 0.001	2018 A N 2018 0.002	0.005  2019  (A N 0.002  0.000	2020 2020 0.002	0.005  2021  4/A N  2021  0.002	0.005 2022 I/A N 2022 0.002	0.005 2023 0.002 0.000	0.005 2024 //A N 2024 0.002	0. N/A 0. 0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  ITA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  TOTAL MSW AND C&I recycling and composting residue sent to hazardous landfill  SCENARIO 1 - Assumes all recovery is by "Non-specialist incineration" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "NBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 3 - Assumes all recovery is by "RBT" (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill SCENARIO 4 - RSABARIO 4 - RSABARIO 4 - RSABARIO 5 - RSABAR	0.006  upplied by eac  2005  N/A N  2005  0.000  0.000  0.000	2006  0.000  2006  0.000  0.000  0.000  0.001	0.006  0.006  0.006  0.007  2007  0.000  0.000  0.000  0.001	0.006  unted for C&  2008  I/A N  2008  0.000  0.000  0.000  0.0001	0.006  D reuse as:  2009  /A Ni  2009  0.001  0.000	2010 2010 2010 0.001 0.000 0.000	0.006  2011 /A N/ 2011  0.001  0.000	2012 /A N.  2012  0.001  0.000  0.000	2013 /A N. 2013 0.001 0.000	2014 A N// 2014 0.001 0.000	2015 2015 2015 0.001 0.000	2016 A N// 2016 0.001 0.000	2017 A N/ 2017 0.001 0.000	2018 A N 2018 0.002 0.000	2019 /A N  2019  0.002  0.000  0.000	2020 WA N 2020 0.002	2021 I/A N 2021 0.002 0.000	2022 //A N 2022 0.002 0.000 0.000	2023 WA N 2023 0.002 0.000	0.005 2024 1//A N 2024 0.002 0.000 0.000	0. N/A 0. 0.
Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su  ATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  ATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'RotF' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'Retement' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	2005 N/A  2005 0.000 0.000 0.000 0.000 0.000 anaged waste	2006  0.000  2006  0.000  0.000  0.000  0.001	0.006  0.006  0.006  0.007  2007  0.000  0.000  0.000  0.001	0.006  unted for C&  2008  I/A N  2008  0.000  0.000  0.000  0.0001	0.006  D reuse as:  2009  /A Ni  2009  0.001  0.000	2010 2010 2010 0.001 0.000 0.000	0.006  2011 /A N/ 2011  0.001  0.000	2012 /A N.  2012  0.001  0.000  0.000	2013 /A N. 2013 0.001 0.000	2014 A N// 2014 0.001 0.000	2015 2015 2015 0.001 0.000	2016 A N// 2016 0.001 0.000	2017 A N/ 2017 0.001 0.000	2018 A N 2018 0.002 0.000	2019 /A N  2019  0.002  0.000  0.000	2020 WA N 2020 0.002	2021 I/A N 2021 0.002 0.000	2022 //A N 2022 0.002 0.000 0.000	2023 WA N 2023 0.002 0.000	0.005 2024 1//A N 2024 0.002 0.000 0.000	0. N/A 0. 0.

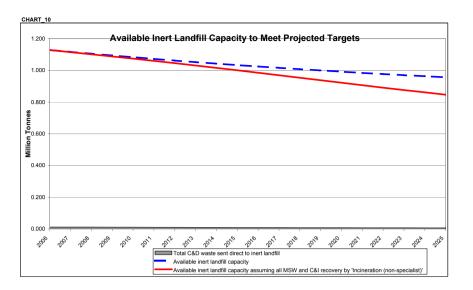












#### SUMMARY DATA AND RESULTS FOR OXFORDSHIRE

MANAGED V	VASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
msw import	from lander that are cost direct to non hazardous landfill		0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447 0.058	0.454	0.461	0.468	0.475	0.482	0.48
nsw - import c&i	s from london that are sent direct to non-hazardous landfill		0.106	0.106	0.103	0.630	0.646	0.092	0.000	0.685	0.699	0.070	0.067	0.064	0.745	0.056	0.056	0.054	0.053	0.052	0.051	0.00
	from london that are sent direct to non-hazardous landfill		0.303	0.333	0.014	0.000	0.165	0.050	0.072	0.003	0.033	0.713	0.723	0.109	0.104	0.730	0.700	0.770	0.700	0.731	0.733	0.00
c&d	in the contract of the contrac		0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.75
nazardous			0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.07
	EAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	202
msw	LATS shortfall (how much extra is landfilled above LATS target)		-0.029	-0.024	-0.018	-0.009	0.003	0.007	0.011	0.015	0.008	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.004	-0.004	-0.004	-0.004	-0.00
	Recycling and composting target Recovery target		0.111 0.022	0.120	0.131 0.033	0.141 0.039	0.155 0.046	0.169 0.058	0.183	0.197	0.204 0.092	0.211 0.101	0.218 0.106	0.226	0.234	0.241 0.122	0.250 0.127	0.258 0.125	0.267	0.275 0.122	0.284	0.29
	Non-hazardous landfill		0.022	0.028	0.033	0.039	0.046	0.058	0.070	0.082	0.092	0.101	0.106	0.111	0.116	0.122	0.127	0.125	0.123	0.122	0.119	0.11
c&i	Recycling and composting target		0.213	0.264	0.199	0.302	0.160	0.162	0.144	0.126	0.116	0.109	0.103	0.097	0.091	0.064	0.077	0.077	0.486	0.078	0.078	0.07
Juli	Recovery target		0.083	0.086	0.090	0.093	0.097	0.105	0.114	0.123	0.133	0.143	0.146	0.150	0.154	0.157	0.161	0.160	0.158	0.450	0.155	0.15
	Non-hazardous landfill		0.256	0.249	0.242	0.234	0.226	0.217	0.208	0.199	0.189	0.178	0.172	0.166	0.159	0.153	0.146	0.143	0.139	0.136	0.133	0.12
c&d	Recycling target		0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453	0.4
	Recovery target		0.267	0.263	0.258	0.254	0.249	0.254	0.258	0.263	0.267	0.272	0.260	0.248	0.236	0.223	0.211	0.214	0.217	0.220	0.223	0.2
	Inert landfill		0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.0
azardous	Hazardous waste		0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.0
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the n	nodel assume	es that this	extra waste	is recycled/o	composted	and recover	red at the sa	me ratio as	the regiona	I targets for	recycling/co	omposting a	ind recovery	for that ye	ar.						
YISTING/DI	ANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSE	SAL POLITE	(Million To	nnoe)																		
. AISTING/FI	ANNED CAPACITY FOR RECTCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TOWNAGES TO EACH DISPOSE	SAL ROUTE	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
ISW and C8	I recovery		2000	2001	2000	2003	2010	2011	2012	2010	2017	2010	2010	2017	2010	2013	2020	2021	2022		2024	
50	Total existing/planned MSW and C&I recovery capacity		0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.0
	Surplus/deficit capacity		-0.030	-0.039	-0.048	-0.058	-0.068	-0.088	-0.109	-0.130	-0.149	-0.169	-0.177	-0.186	-0.195	-0.204	-0.213	-0.210	-0.207	-0.203	-0.199	-0.1
SW and C8	I recycling and composting																					
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.8
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.
	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		0.452	0.424	0.395	0.364	0.330	0.303	0.276	0.248	0.227	0.205	0.185	0.164	0.142	0.120	0.098	0.077	0.056	0.034	0.012	-0.
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.418	0.390	0.361	0.330	0.296	0.269	0.242	0.214	0.193	0.171	0.151	0.130	0.108	0.086	0.064	0.043	0.022	0.000	-0.022	-0.
&D recyclin			0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.
	Total existing/planned C&D recycling capacity Surplus/deficit capacity		-0.107	-0.107	-0.255	-0.107	-0.107	-0.107	-0.107	-0.107	-0.270	-0.107	-0.285	-0.300	-0.315	-0.330	-0.345	-0.345	-0.345	-0.345	-0.345	-0.
D recover			-0.240	-0.247	=0.255	-0.202	-0.270	-0.270	-0.270	-0.270	-0.270	-0.270	=0.200	-0.300	-0.313	-0.330	-0.343	-0.343	-0.340	-0.343	-0.343	-0.
KD TECOVET	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1 460	1 439	1 418	1.398	1.377	1.356	1.325	1 293	1 262	1.231	1 199	1 220	1 241	1 262	1.283	1
	Surplus/deficit capacity		1.527	1 448	1.369	1.290	1.211	1.186	1.160	1.135	1.109	1.084	1.065	1.046	1 026	1.007	0.988	1.006	1 024	1.041	1.059	1.
zardous w	aste recycling																					
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	١
lazardous w	aste recovery																					
	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	١
on-hazardo	us randfill  Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		11.110	10.261	9.428	8.612	7.813	7.036	6.296	5.593	4.929	4.294	3.690	3.100	2.527	1.969	1.428	0.903	0.382	-0.136	-0.651	-1.1
	Available non-hazardous landfill capacity (excluding lesidues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.096	10.231	9.381	8.546	7.728	6.929	6.164	5.434	4.323	4.070	3.429	2.802	2.327	1.591	1.008	0.903	-0.124	-0.130	-1.240	-1.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		11.053	10.142	9.242	8.353	7.476	6.614	5.778	4.966	4.181	3.414	2.665	1.927	1.200	0.483	-0.223	-0.918	-1.607	-2.291	-2.970	-3.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		11.099	10.237	9.390	8.559	7.745	6.950	6.190	5.466	4.776	4.115	3.481	2.862	2.257	1.667	1.092	0.533	-0.023	-0.574	-1.122	-1.
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		11.067	10.170	9.286	8.414	7.556	6.714	5.900	5.115	4.358	3.622	2.908	2.206	1.515	0.836	0.169	-0.485	-1.135	-1.780	-2.420	-3.
ert landfill																						
	Available inert landfill capacity		4.132	3.992	3.854	3.720	3.589	3.460	3.336	3.217	3.102	2.992	2.886	2.784	2.684	2.587	2.494	2.403	2.316	2.231	2.150	2.
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		4.118	3.961	3.807	3.654	3.503	3.353	3.205	3.058	2.912	2.768	2.626	2.486	2.347	2.210	2.074	1.940	1.810	1.683	1.560	1.
azardous la																						
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.
	Note: The model does not contain data for the management of hazardous waste.																					
ATA 01. A	RISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
SW SW	Arisings and growth rates of MSW, cal and hazardous waste (Million Tonnes)	2005	2000	2007	2000	2009	2010	2011	2012	2013	2014	2010	2010	2017	2010	2018	2020	2021	2022	2023	2024	
	Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1
	Forecast regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%	1
(,	Total arisings of MSW using regional growth forecasts	0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482	0
(1	Forecast sub-regional growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1
(1	Forecast sub-regional level growth rate of MSW - cumulative (%)	109%	112%	115%	118%	121%	124%	126%	129%	131%	134%	136%	139%	141%	143%	145%	147%	149%	151%	154%	156%	1
	Total arisings of MSW using sub-regional growth forecasts	0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482	0
d	Arisings of C&I in baseline year																					
	Forecast regional level growth rate of C&I - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	1
(1	Forecast regional level growth rate of C&I - cumulative (%)	117%	120%	123%	126%	130%	133%	136%	138%	141%	144%	147%	149%	151%	153%	156%	158%	160%	161%	163%	164%	1
	Total arisings of C&I using regional growth forecasts	0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799	0
	Forecast sub-regional level growth rate of C&I - per year (%)	3.3% 117%	2.5% 120%	2.5% 123%	2.5% 126%	2.5% 130%	2.5% 133%	2.0% 136%	2.0% 138%	2.0% 141%	2.0%	2.0% 147%	1.5% 149%	1.5% 151%	1.5% 153%	1.5% 156%	1.5% 158%	1.0% 160%	1.0% 161%	1.0%	1.0% 164%	1
(1	) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts	0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799	
zardous	Arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year	0.571	0.000	0.599	U.014	0.030	0.040	0.000	0.072	0.000	0.099	0.713	0.723	0./34	0.745	0.750	U./00	0.770	0.703	0.791	0.199	_
	Forecast regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	
(2	Forecast regional level growth rate of hazardous waste - per year (%)  Forecast regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	1
	Total arisings of hazardous waste	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	Ċ
(2	Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.3%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	1.0%	1.0%	1.0%	1.0%	_
,-	Forecast sub regional level growth rate of hazardous waste - cumulative (%)	107%	109%	112%	115%	118%	121%	123%	126%	128%	131%	133%	135%	137%	139%	141%	144%	145%	146%	148%	149%	1
	Total arisings of hazardous waste	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0
d	Total managed C&D in baseline year																					
(3	Forecast regional-level growth rate of managed C&D - per year (%)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
	Forecast regional-level growth rate of managed C&D - cumulative (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	10
(3	Total managed of C&D for the sub-region	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.7

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

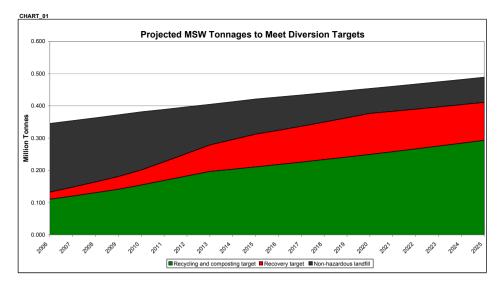
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

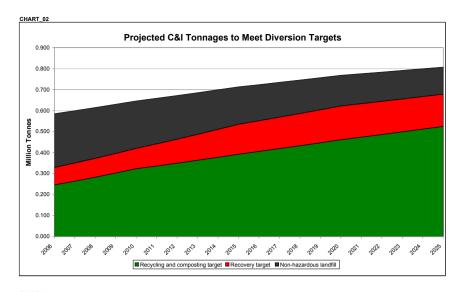
DATA_02: INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C&I imports that go to the sub-region (%)	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%	17.0%
(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.299	0.292	0.284	0.277	0.269	0.262	0.247	0.233	0.218	0.203	0.189	0.181	0.173	0.165	0.157	0.150	0.146	0.143	0.139	0.136	0.133
msw Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%
Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%
Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
c&i Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%
Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083
Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	63%	62%	62%
Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083

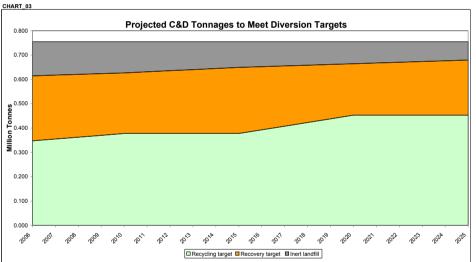
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

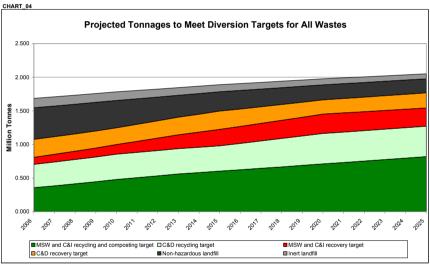
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	0.337	0.346	0.354	0.363	0.372	0.382	0.389	0.397	0.405	0.413	0.421	0.428	0.434	0.441	0.447	0.454	0.461	0.468	0.475	0.482	0.489
msw - imports from london that are sent direct to non-hazardous landfill	0.111	0.108	0.106	0.103	0.100	0.097	0.092	0.086	0.081	0.076	0.070	0.067	0.064	0.061	0.058	0.056	0.054	0.053	0.052	0.051	0.050
c&i	0.571	0.585	0.599	0.614	0.630	0.646	0.658	0.672	0.685	0.699	0.713	0.723	0.734	0.745	0.756	0.768	0.776	0.783	0.791	0.799	0.807
c&l - imports from london that are sent direct to non-hazardous landfill	0.188	0.183	0.179	0.174	0.169	0.165	0.155	0.146	0.137	0.128	0.119	0.114	0.109	0.104	0.099	0.094	0.092	0.089	0.087	0.085	0.083
c&d	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755	0.755
hazardous	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.071
DATA_04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.179	0.173	0.165	0.153	0.139	0.122	0.108	0.095	0.081	0.078	0.074	0.071	0.067	0.064	0.060	0.057	0.057	0.057	0.057	0.057	0.057
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					

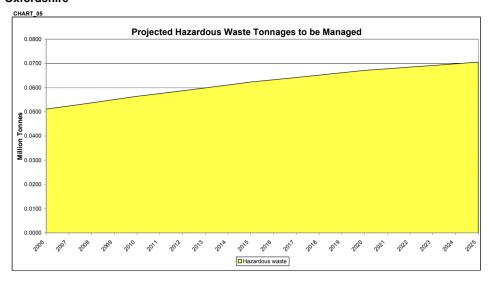
DATA_05: V	VASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.118	0.133	0.148	0.164	0.181	0.198	0.220	0.241	0.264	0.288	0.312	0.324	0.337	0.350	0.363	0.377	0.383	0.390	0.397	0.404	0.411
	Total MSW not-diverted by targets	0.219	0.213	0.206	0.199	0.191	0.183	0.170	0.156	0.141	0.126	0.110	0.103	0.097	0.091	0.084	0.077	0.077	0.078	0.078	0.078	0.078
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.149	0.145	0.140	0.135	0.130	0.125	0.115	0.106	0.096	0.085	0.074	0.070	0.066	0.062	0.057	0.052	0.053	0.053	0.053	0.053	0.053
	LATS shortfall (how much extra is landfilled above LATS target)	-0.030	-0.029	-0.024	-0.018	-0.009	0.003	0.007	0.011	0.015	0.008	0.000	0.000	-0.001	-0.002	-0.003	-0.004	-0.004	-0.004	-0.004	-0.004	-0.004
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.003	0.004	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.005	0.008	0.010	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA_03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.101	0.111	0.120	0.131	0.141	0.155	0.169	0.183	0.197	0.204	0.211	0.218	0.226	0.234	0.241	0.250	0.258	0.267	0.275	0.284	0.293
	Recovery target	0.017	0.022	0.028	0.033	0.039	0.046	0.058	0.070	0.082	0.092	0.101	0.106	0.111	0.116	0.122	0.127	0.125	0.123	0.122	0.119	0.117
	Non-hazardous landfill	0.219	0.213	0.206	0.199	0.191	0.180	0.162	0.144	0.126	0.118	0.109	0.103	0.097	0.091	0.084	0.077	0.077	0.078	0.078	0.078	0.078
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.228	0.246	0.264	0.283	0.302	0.323	0.336	0.349	0.363	0.377	0.392	0.405	0.419	0.432	0.446	0.461	0.473	0.486	0.498	0.511	0.525
oui	Recovery target	0.080	0.083	0.086	0.090	0.093	0.027	0.105	0.114	0.123	0.133	0.143	0.146	0.150	0.154	0.157	0.161	0.160	0.158	0.157	0.155	0.153
	Non-hazardous landfill	0.262	0.256	0.249	0.242	0.234	0.226	0.217	0.208	0.199	0.189	0.178	0.172	0.166	0.159	0.153	0.146	0.143	0.139	0.136	0.133	0.129
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.340	0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453	2025 0.453
cau	Recovery target	0.272	0.267	0.263	0.258	0.254	0.249	0.254	0.258	0.263	0.267	0.272	0.260	0.248	0.236	0.223	0.433	0.433	0.433	0.220	0.223	0.226
	ned landfill	0.272	0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.075
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ha and a	We set a set	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
hazardous	Hazardous waste	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.071
DATA_06: 1	OTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.329	0.356	0.384	0.413	0.444	0.478	0.505	0.532	0.560	0.581	0.603	0.623	0.644	0.666	0.688	0.710	0.731	0.752	0.774	0.796	0.818
	C&D recycling target	0.340	0.347	0.355	0.362	0.370	0.377	0.377	0.377	0.377	0.377	0.377	0.393	0.408	0.423	0.438	0.453	0.453	0.453	0.453	0.453	0.453
	MSW and C&I recovery target	0.097	0.105	0.114	0.123	0.133	0.143	0.163	0.184	0.205	0.224	0.244	0.252	0.261	0.270	0.279	0.288	0.285	0.282	0.278	0.274	0.271
	C&D recovery target	0.272	0.267	0.263	0.258	0.254	0.249	0.254	0.258	0.263	0.267	0.272	0.260	0.248	0.236	0.223	0.211	0.214	0.217	0.220	0.223	0.226
	Non-hazardous landfill	0.482	0.469	0.456	0.441	0.426	0.406	0.380	0.353	0.325	0.306	0.287	0.276	0.263	0.250	0.237	0.223	0.220	0.217	0.214	0.211	0.207
	Inert landfill	0.143	0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.075
	Hazardous waste	0.050	0.051	0.052	0.054	0.055	0.056	0.058	0.059	0.060	0.061	0.062	0.063	0.064	0.065	0.066	0.067	0.068	0.068	0.069	0.070	0.071











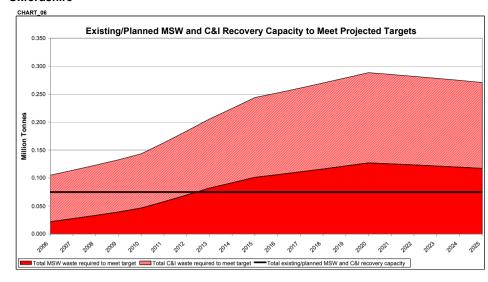
3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO	

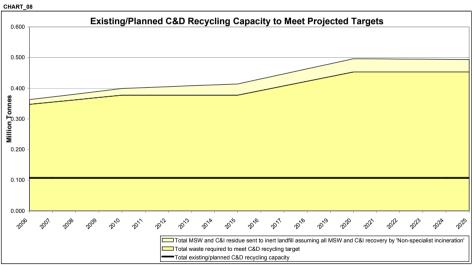
Property	EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EA	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
March   California   Californ	MSW and C&I recovery																					
Fig.   Section   Contemps   Con	MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fig.	MSW and C&I treatment	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Conting   Cont	Total existing/planned MSW and C&I recovery capacity	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Mary and Contendent open state	Total MSW waste required to meet target	0.017	0.022	0.028	0.033	0.039	0.046	0.058	0.070	0.082	0.092	0.101	0.106	0.111	0.116	0.122	0.127	0.125	0.123	0.122	0.119	0.117
## Mars Call recogning accompaning squares in the control of the c	Total C&I waste required to meet target	0.080	0.083	0.086	0.090	0.093	0.097	0.105	0.114	0.123	0.133	0.143	0.146	0.150	0.154	0.157	0.161	0.160	0.158	0.157	0.155	0.153
Now and C4 inespéring  1. 1	Surplus/deficit capacity	-0.022	-0.030	-0.039	-0.048	-0.058	-0.068	-0.088	-0.109	-0.130	-0.149	-0.169	-0.177	-0.186	-0.195	-0.204	-0.213	-0.210	-0.207	-0.203	-0.199	-0.196
Mode of the present of the seminary of the sem	MSW and C&I recycling and composting																					
The contemplatement MSW and CAI concepting capacity (Blaseline: 20% of transfer capac	MSW and C&I recycling	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713	0.713
Foot or participage and compostency appaces (peasproxing)	MSW and C&I transfer	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226	0.226
2- 70 moles of properties of the contemporating capsago (yearnegline) of the contemporating capsago (yearnegli	Total existing/planned MSW and C&I composting capacity	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Total CAN waster required to most recycling and composting futiged  1	(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808	0.808
Total waste required to meet key-gring with composing laugerif such in capacity of threative capacity of threa	(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774	0.774
Supplicate-field capacity (fraints-field capacity (fraints-field capacity (fraints-field capacity (fraints-field capacity (fraints-field capacity) (fraints-field capacit	Total MSW waste required to meet recycling and composting target	0.101	0.111	0.120	0.131	0.141	0.155	0.169	0.183	0.197	0.204	0.211	0.218	0.226	0.234	0.241	0.250	0.258	0.267	0.275	0.284	0.293
Supplicate-field capacity (fraints-field capacity (fraints-field capacity (fraints-field capacity (fraints-field capacity (fraints-field capacity) (fraints-field capacit		0.228	0.246	0.264	0.283	0.302	0.323	0.336	0.349	0.363	0.377	0.392	0.405	0.419	0.432	0.446	0.461	0.473	0.486	0.498	0.511	0.525
Supplicipalisation capacity (shift waster capacity (shift waster capacity) (														0.164								
Total existing planned CAD recycing capacity (as in part of the pa																						
This waste regulared for meet CAD recovery (agreed for meet CAD re																						
This waste regulared for meet CAD recovery (agreed for meet CAD re	(3) Total existing/planned C&D recycling capacity	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107	0.107
Surplicide (appeally   California)   California)   California   Cali				0.355			0.377	0.377			0.377	0.377	0.393	0.408	0.423			0.453	0.453	0.453	0.453	
Cach recovery   Facision   Cach recovery capacity   1,877   1,794   1,710   1,627   1,544   1,480   1,439   1,418   1,398   1,377   1,356   1,325   1,293																						
REGIONAL Iodal existing-planned CAD recovery capacity   1.877   1.779   1.770   1.627   1.544   1.480   1.480   1.480   1.480   1.325   1.230   1.205   1.231   1.190   1.220   1.241   1.262   1.283   1.305   1.20		0.202	0.210	0.211	0.200	0.202	0.270	0.270	0.2.0	0.270	0.270	0.2.0	0.200	0.000	0.010	0.000	0.010	0.010	0.010	0.010	0.010	0.010
Suph-sighted required to meet C&D recovery larged:  10 272 0.287 0.289 0		1 877	1 794	1 710	1 627	1 544	1.460	1 439	1 418	1 398	1 377	1.356	1 325	1 293	1 262	1 231	1 199	1 220	1 241	1 262	1 283	1.304
Supplicy   1,805   1,577   1,448   1,369   1,269   1,160   1,150   1,160   1,150   1,100   1,085   1,046   1,025   1,070   0,988   1,006   1,024   1,041   1,059   1,077   1,070   1																						
Hazardous waste recycling capacily   Cole existing capacily   Cole ex																						
Total hazardous waste recycled   No.   N		1.003	1.521	1.440	1.000	1.230	1.211	1.100	1.100	1.100	1.103	1.00-	1.000	1.040	1.020	1.007	0.300	1.000	1.024	1.041	1.000	1.077
Total existing/planned hazardous waste recovery    Na		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Surplis/deficit capacity   N/A   N																						
Hazardous waste recovery capacity   Hazardous waste recovery capacity   Colorability   Colorab																						
Total hazardous waste tecovery capacity  10 0.00		IN/A	IN/A	IN/A	INDA	INPA	IN/A	IWA	IN/A													
Total hazardous wants to be recovered Surplus official pacity of the proposed Surplus official pacity (appell) A NA N		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Surplic/edictic capacity   Surplic/edic capacity   Surplic/edictic capaci																						
Non-hazardous landfil capacity (excluding residues from MSW and C&I recovery)   11.675   11.110   10.261   9.428   8.612   7.813   7.036   6.296   5.593   4.929   4.294   3.690   3.100   2.527   1.969   1.428   0.903   0.382   -0.136   -0.651   -1.162																						
Available non-hazardous landfill capacity excluding residues from MSW and C&I recovery)  11,675 11,0		IN/A	IN/A	IN/A	INDA	INPA	IN/A	IWA	IN/A													
Available non-hazardous landfill capacity assuming all MSW and CAll recovery by MST		11 675	11 110	10.261	0.420	0.612	7 012	7.026	6 206	E E03	4.020	4 204	2 600	2 100	2 527	1 060	1 420	0.003	0.303	0.126	0.651	1 162
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by MBT 11,675 11,063 101,42 9,242 8,353 7,476 6,614 5,778 4,966 4,181 3,414 2,665 1,927 1,200 0,483 0,223 0,918 1,607 2,291 2,291 3,643 4.786 4,141 1,042 1,042 1,042 1,043 1,04																						
Available non-hazardous landfilli capacity assuming all MSW and C&I recovery by TRDF  11,675																						
Available non-hazardous landfilli capacity assuming all MSW and C&I recovery by 'treatment' 1.675   11.675   11.675   11.675   11.675   0.485																						
Total KSW and C&I waste sent direct to non-hazardous landfill pacity Available inert landfill capacity Avail																						
Available inert landfill capacity   4.276   4.132   3.992   3.854   3.720   3.589   3.460   3.336   3.217   3.102   2.992   2.886   2.784   2.684   2.587   2.494   2.403   2.316   2.231   2.150   2.071   2.491   2.403   2.316   2.231   2.150   2.071   2.491   2.492   2.886   2.784   2.881   2.892   2.886   2.784   2.881   2.892   2.886   2.784   2.881   2.892   2.886   2.784   2.881   2.892   2.886   2.784   2.881   2.892   2.788   2.881   2.892   2.788   2.881   2.892   2.886   2.784   2.892   2.788   2.992   2.788   2.892   2.788   2.992   2.788																						
Available inert landfill capacity Availa		0.482	0.469	0.456	0.441	0.426	0.406	0.380	0.353	0.325	0.306	0.287	0.276	0.263	0.250	0.237	0.223	0.220	0.217	0.214	0.211	0.207
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialisty' 4.118 3.961 3.807 3.654 3.503 3.353 3.205 3.058 2.912 2.768 2.626 2.486 2.347 2.210 2.074 1.940 1.810 1.683 1.560 1.440 1.000		4.070	4.400	0.000	0.054	0.700	0.500	0.400	0.000	0.047	0.400	0.000	0.000	0.704	0.004	0.507	0.404	0.400	0.040	0.004	0.450	0.074
Total C&D waste sent direct to inert landfill  Hazardous landfill  Available hazardous landfill  Other  MedicEL Yfacility  Ignored  0.000  0.0																						
Hazardous landfill																						
Available hazardous landfill capacity  Clobb  Total hazardous waste sent direct to hazardous landfill  Other  Medic L'Yacility  0.000		0.143	0.140	0.137	0.134	0.131	0.128	0.124	0.119	0.115	0.110	0.106	0.103	0.100	0.097	0.094	0.091	0.088	0.085	0.082	0.079	0.075
Total hazardous waste sent direct to hazardous landfill  N/A		0.00-	0.005	0.005	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.00-
Other         0.198 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																						
Metal/ELV facility 0.198		N	I/A N	I/A N	A N	A N	/A N	/A N	I/A N	I/A N	I/A N	A N	/A N	/A N	A N	/A N	/A N	A N	A N	/A N	I/A N	./A
Ignored 0.000 0.00																						
Closed												0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			

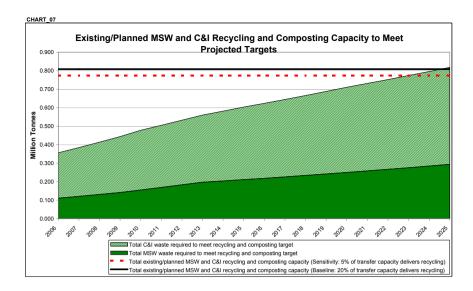
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for CAD recovery for Ind

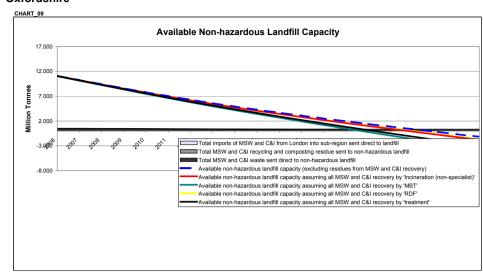
A_08: RESIDUE RATES (%)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	20
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
MSW and C&I incineration (non-specialist) - fly ash			•	•	3	•	•	•	•	3	•		•		3	•					
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Recycling residues (% by weight)																					
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
			10	10				10	10					10							
C&D recycling	10	10			10	10	10			10	10	10	10		10	10	10	10	10	10	
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Other																					
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its ca	laulations boson	una thana	ro not rolov	ant to the m	nnaanmont	of MOW C	Pland CPD	Those det	o oro includ	ad for the n	ironnon of o	omplotono									
9: TOTAL RESIDUE (Million Tonnes)  Recovery residues (of waste managed):	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
MSW and C&I incineration (non-specialist) - bottom ash	0.029	0.032	0.034	0.037	0.040	0.043	0.049	0.055	0.062	0.067	0.073	0.076	0.078	0.081	0.084	0.087	0.086	0.085	0.083	0.082	0.
MSW and C&I incineration (non-specialist) - fly ash	0.003	0.003	0.003	0.004	0.004	0.004	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.008	0.008	0.009	0.009	0.008	0.008	0.008	0.
MSW and C&I to MBT	0.057	0.062	0.067	0.073	0.078	0.085	0.096	0.109	0.121	0.132	0.144	0.149	0.154	0.159	0.165	0.170	0.168	0.166	0.164	0.162	0
MSW and C&I to RDF	0.012	0.013	0.014	0.015	0.016	0.017	0.020	0.022	0.025	0.027	0.029	0.030	0.031	0.032	0.033	0.035	0.034	0.034	0.033	0.033	0
MSW and C&I treatment - non-hazardous	0.044	0.047	0.051	0.055	0.060	0.064	0.073	0.083	0.092	0.101	0.110	0.113	0.117	0.121	0.126	0.130	0.128	0.127	0.125	0.124	0
MSW and C&I treatment - hazardous	0.005	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.010	0.011	0.012	0.013	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.014	ō
Hazardous waste recovery	N/A N			/A N															J/A N		N/A
Recycling residues (of waste managed):				19.	18	11	,, IN	,, IN	1%	11/	. 11/	. 11/	. 19//	. 19/	. 14	190			11		
	0.049	0.053	0.058	0.062	0.067	0.072	0.076	0.080	0.084	0.087	0.090	0.093	0.097	0.100	0.103	0.107	0.110	0.113	0.116	0.119	0
MSW and C&I recycling and composting																					
C&D recycling	0.034	0.035	0.035	0.036	0.037	0.038	0.038	0.038	0.038	0.038	0.038	0.039	0.041	0.042	0.044	0.045	0.045	0.045	0.045	0.045	0
Hazardous waste recycling	N/A N	/A I	√A N	/A N	/A N	I/A N	/A N	/A N	A N	A N	A N/	A N/	A N/.	A N/	A N	/A N	/A N	I/A N	I/A N	A I	N/A
_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Millic		0000	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
	2005	2006																			
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)		2006																			
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.015	0.016	0.017	0.018	0.020	0.021	0.024	0.028	0.031	0.034	0.037	0.038	0.039	0.040	0.042	0.043	0.043	0.042	0.042	0.041	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'					0.020 0.020	0.021 0.021	0.024 0.024	0.028 0.028	0.031 0.031	0.034 0.034	0.037 0.037	0.038 0.038	0.039 0.039	0.040 0.040	0.042 0.042	0.043 0.043		0.042 0.042	0.042 0.042	0.041 0.041	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.015	0.016	0.017	0.018				0.028									0.043				0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.015 0.015	0.016 0.016	0.017 0.017	0.018 0.018	0.020	0.021	0.024		0.031	0.034	0.037	0.038	0.039	0.040	0.042	0.043	0.043 0.043	0.042	0.042	0.041	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)	0.015 0.015 0.057	0.016 0.016 0.062	0.017 0.017 0.067	0.018 0.018 0.073	0.020	0.021	0.024	0.028	0.031	0.034	0.037	0.038	0.039	0.040	0.042	0.043	0.043 0.043 0.168	0.042	0.042	0.041	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.015 0.015	0.016 0.016	0.017 0.017	0.018 0.018	0.020	0.021	0.024	0.028	0.031	0.034	0.037	0.038	0.039	0.040	0.042	0.043	0.043 0.043	0.042	0.042	0.041	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inet landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.015 0.015 0.057 0.012	0.016 0.016 0.062 0.013	0.017 0.017 0.067 0.014	0.018 0.018 0.073 0.015	0.020 0.078 0.016	0.021 0.085 0.017	0.024 0.096 0.020	0.028 0.109 0.022	0.031 0.121 0.025	0.034 0.132 0.027	0.037 0.144 0.029	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0. 0.
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (i) Total MSW and C&I residue sent to inet landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill	0.015 0.015 0.057 0.012	0.016 0.016 0.062 0.013 0.047	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038	0.039	0.040	0.042	0.043	0.043 0.043 0.168	0.042	0.042	0.041	0. 0.
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)	0.015 0.015 0.057 0.012	0.016 0.016 0.062 0.013 0.047	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inet landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is "YBF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	0.015 0.015 0.057 0.012 0.044	0.016 0.016 0.062 0.013 0.047	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from "non-specialist incineration" is sent to non-hazardous landfill and 50% is sent to inert to the control of the c	0.015 0.015 0.057 0.012 0.044 andfill. In the ori	0.016 0.016 0.062 0.013 0.047 riginal mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) Total MSW and C&I residue sent to inet landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (3) SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) (4) Total MSW and C&I residue sent to non-hazardous landfill (5) SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) (5) Total MSW and C&I residue sent to non-hazardous landfill (6) SCENARIO 3 - Assumes all recovery is by 'Treatment' (based on total recovery capacity) (7) Total MSW and C&I residue sent to non-hazardous landfill (7) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le (8) Tonnages of C&D REUSED ON Non-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (7) C&D reused on landfill sites	0.015 0.015 0.057 0.012 0.044 andfill. In the or	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites  (1) C&D reused on landfill sites sent to 'non-haz landfill"	0.015 0.015 0.057 0.012 0.044 andfill. In the on 39 % 61 % 30 %	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is "YBF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites	0.015 0.015 0.057 0.012 0.044 andfill. In the or	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfilf	0.015 0.015 0.057 0.012 0.044 andfill. In the on 39 % 61 % 30 %	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051	0.018 0.018 0.073 0.015 0.055	0.020 0.078 0.016 0.060	0.021 0.085 0.017 0.064	0.024 0.096 0.020 0.073	0.028 0.109 0.022 0.083	0.031 0.121 0.025 0.092	0.034 0.132 0.027 0.101	0.037 0.144 0.029 0.110	0.038 0.149 0.030	0.039 0.154 0.031	0.040 0.159 0.032	0.042 0.165 0.033	0.043 0.170 0.035	0.043 0.043 0.168 0.034	0.042 0.166 0.034	0.042 0.164 0.033	0.041 0.162 0.033	0. 0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill	0.015 0.015 0.057 0.012 0.044 andfill. In the or 39 % 61 % 30 % 70 %	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030	0.021 0.085 0.017 0.064 6 was assun	0.024 0.096 0.020 0.073 ned to go to 2011 0.030	0.028 0.109 0.022 0.083 C&D recycl	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 than to inert 2014 0.031	0.037 0.144 0.029 0.110 landfi 2015 0.032	0.038 0.149 0.030 0.113 2016 0.030	0.039 0.154 0.031 0.117 2017 0.029	0.040 0.159 0.032 0.121 2018 0.027	0.042 0.165 0.033 0.126 2019 0.026	0.043 0.170 0.035 0.130 2020 0.025	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025	0.042 0.164 0.033 0.125 2023 0.026	0.041 0.162 0.033 0.124 2024 0.026	0. 0. 0.
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Rostment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill  (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill	0.015 0.015 0.057 0.012 0.044 andfill. In the or 39 % 61 % 70 %	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.078 0.016 0.060 d MEL 50%	0.021 0.085 0.017 0.064 6 was assun	0.024 0.096 0.020 0.073 ned to go to	0.028 0.109 0.022 0.083 C&D recycl	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 han to inert	0.037 0.144 0.029 0.110 landfi	0.038 0.149 0.030 0.113	0.039 0.154 0.031 0.117	0.040 0.159 0.032 0.121	0.042 0.165 0.033 0.126	0.043 0.170 0.035 0.130 2020 0.025	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127	0.042 0.164 0.033 0.125	0.041 0.162 0.033 0.124 2024 0.026	
(1) Total MSW and C& residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Total mSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (1) C&D reused on landfill sites (2) C&D reused on landfill sites (3) C&D reused on landfill sites (4) C&D reused on landfill sites sent to 'non-haz landfill' (5) C&D reused on landfill sites sent to 'inert landfill' (6) C&D reused on landfill sites sent to 'inert landfill' (7) C&D reused on landfill sites sent to 'inert landfill' (8) C&D reused on landfill sites sent to 'inert landfill' (8) C&D reused on landfill sites sent to 'inert landfill' (8) C&D reused on landfill sites sent to 'inert landfill' (9) C&D reused on landfill sites sent to 'inert landfill' (1) C&D reuser atles based on original model assumptions developed MEL	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 than to inert 2014 0.031	0.037 0.144 0.029 0.110 landfi 2015 0.032	0.038 0.149 0.030 0.113 2016 0.030	0.039 0.154 0.031 0.117 2017 0.029	0.040 0.159 0.032 0.121 2018 0.027	0.042 0.165 0.033 0.126 2019 0.026	0.043 0.170 0.035 0.130	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025	0.042 0.164 0.033 0.125 2023 0.026	0.041 0.162 0.033 0.124	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert le 12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 than to inert 2014 0.031	0.037 0.144 0.029 0.110 landfi 2015 0.032	0.038 0.149 0.030 0.113 2016 0.030	0.039 0.154 0.031 0.117 2017 0.029	0.040 0.159 0.032 0.121 2018 0.027	0.042 0.165 0.033 0.126 2019 0.026	0.043 0.170 0.035 0.130 2020 0.025	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025	0.042 0.164 0.033 0.125 2023 0.026	0.041 0.162 0.033 0.124 2024 0.026	(
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Trabfient' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert late.  12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill'  (1) C&D reuse rates based on original model assumptions developed MEL  NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data:	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 than to inert 2014 0.031	0.037 0.144 0.029 0.110 landfi 2015 0.032	0.038 0.149 0.030 0.113 2016 0.030	0.039 0.154 0.031 0.117 2017 0.029	0.040 0.159 0.032 0.121 2018 0.027	0.042 0.165 0.033 0.126 2019 0.026	0.043 0.170 0.035 0.130 2020 0.025	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025	0.042 0.164 0.033 0.125 2023 0.026	0.041 0.162 0.033 0.124 2024 0.026	0 0 0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'PCDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 10 C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill (1) C&D reused on inert landfill'  (1) C&D reused on inert landfill'	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044 0.044	0.016 0.016 0.062 0.013 0.047 iginal mode	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t 2013 0.031 0.071	0.034 0.132 0.027 0.101 han to inert 2014 0.031 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.154 0.031 0.117 0.117 2017 0.029 0.067	0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025	0.042 0.164 0.033 0.125 2023 0.026	0.041 0.162 0.033 0.124 2024 0.026	0 0 0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 10 C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reused on landfill sites sent to 'mert landfill'  Total C&D reused on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data : 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.015 0.015 0.057 0.012 0.044 0.044 0.041 0.046 0.057 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070	0.016 0.016 0.062 0.013 0.047 iginal models 0.031 0.073 th sub-region	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070	0.020 0.078 0.016 0.060 0.060 d MEL 50% 2009 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068 an engineer	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069 tring materia	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 han to inert 2014 0.031 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.154 0.031 0.117 2017 0.029 0.067	0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124 0.024 0.026 0.061	0 0 0 0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'reatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 10 C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill (1) C&D reused rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data:	0.015 0.015 0.015 0.057 0.012 0.044 andfill. In the or 33 % 61 % 30 % 70 % 2005 0.052 0.074	0.016 0.016 0.062 0.013 0.047 iginal models 0.031 0.073 th sub-region	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070	0.020 0.078 0.016 0.060 0.060 d MEL 50% 2009 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068 an engineer	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069 tring materia	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 han to inert 2014 0.031 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.154 0.031 0.117 2017 0.029 0.067	0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124 0.024 0.026 0.061	0. 0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert landfill (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data: 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074	0.016 0.016 0.062 0.013 0.047 iginal mode 6 6 6 6 6 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C&	0.020 0.078 0.016 0.060 0.060 d MEL 50%  2009 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068 an engineer	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069 2011 /A N.	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 than to inert 2014 0.031 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.154 0.031 0.117 2017 0.029 0.067 A N/A	0.040 0.159 0.032 0.121 2018 0.027 0.064 A N/	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 A N	0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124 2024 0.026 0.061	0 0 0 0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (Based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert is 2: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data: 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill  (1) CTATAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.015 0.015 0.057 0.012 0.044 0.044 0.041 0.046 0.057 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070 0.070	0.016 0.016 0.062 0.013 0.047 iginal models 0.031 0.073 th sub-region	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070	0.020 0.078 0.016 0.060 0.060 d MEL 50% 2009 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068 an engineer	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069 tring materia	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 han to inert 2014 0.031 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.154 0.031 0.117 2017 0.029 0.067	0.040 0.159 0.032 0.121 2018 0.027 0.064	0.042 0.165 0.033 0.126 2019 0.026 0.061	0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124 0.024 0.026 0.061	0 0 0 0
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by Yreatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (2) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (2) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill'  Total C&D reused on non-hazardous landfill (1) C&D reused on landfill sites sent to 'inon-haz landfill' (2) C&D reused on landfill sites sent to 'inon-haz landfill' (3) C&D reused on landfill sites sent to 'inon-haz landfill' (4) C&D reuse on landfill sites sent to 'inon-haz landfill' (5) C&D reuse on landfill sites sent to 'inon-haz landfill' (6) C&D reuse on landfill sites sent to 'inon-haz landfill' (7) C&D reuse on landfill sites sent to 'inon-haz landfill' (8) C&D reuse on landfill sites sent to 'inon-haz landfill' (8) C&D reuse on landfill sites sent to 'inon-haz landfill' (9) C&D reuse on landfill sites sent to 'inon-haz landfill' (1) C&D reuse on landfill sites sent to 'inon-haz landfill' (1) C&D reuse on landfill sites sent to 'inon-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill' (2) C&D reused on landfill sites se	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.032 0.074 0.032 0.074 0.032 0.074 0.032 0.074	0.016 0.016 0.062 0.013 0.047 iginal mode 6 6 6 6 7 2006 2006 2006	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C& 2008	0.020 0.078 0.016 0.060 0.060 0.030 0.069 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068 an engineer	0.024 0.096 0.020 0.073 ned to go to 2011 0.030 0.069 2011 /A N.	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070 I.	0.031 0.121 0.025 0.092 ing, rather t	0.034 0.132 0.027 0.101 than to inert 2014 0.031 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 A N/	0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/	0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 A N/	0.040 0.159 0.032 0.121 2018 0.027 0.064 A N/	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 A N	0.043 0.170 0.035 0.130 2020 0.025 0.057	0.043 0.043 0.168 0.034 0.128 0.128	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124 2024 0.026 0.061	0. 0. 0. 0. 0. 2. 0. 0. 2. 0. 0. 0. 2. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert to 10 C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' Total C&D reused on non-hazardous landfill Total reused C&D on inert landfill  (1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data: 3. TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill (1) CALD reuse and C&I recycling and composting residue sent to hazardous landfill (2) TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.07 0.07 0.012 0.044 0.07 0.07 0.07 0.07 0.07 0.07 0.0	0.016 0.016 0.062 0.013 0.047 iginal mode 6 6 6 6 6 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C&	0.020 0.078 0.016 0.060 0.060 d MEL 50%  2009 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun  2010 0.029 0.068 an engineer	0.024  0.096  0.020  0.073  ned to go to  2011  0.030  0.069  ring materia  2011  /A N	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070	0.031 0.121 0.025 0.092 ing, rather t  2013 0.071 2013 A N.	0.034  0.132  0.027  0.101  han to inert  2014  0.031  0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074	0.038 0.149 0.030 0.113 2016 0.030 0.071	0.039 0.154 0.031 0.117 2017 0.029 0.067 A N/A	0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 A N	0.043 0.170 0.035 0.130 2020 0.025 0.057 2020 /A N	0.043 0.043 0.168 0.034 0.128 0.128 0.058	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124  2024 0.026 0.061	0. 0. 0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "treatment" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill' (1) C&D reused on landfill sites sent to 'inon-hazardous landfill' Total C&D reused on inert landfill' (1) C&D reused on inert landfill'  Total C&D reused on inert landfill'  Total C&D reuse on inert and non-hazardous landfill' Total reused C&D on inert landfill'  Total C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data:  3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill'  ACTOR LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.044 0.07 0.07 0.012 0.044 0.07 0.07 0.07 0.07 0.07 0.07 0.0	0.016 0.016 0.062 0.013 0.047 iginal mode 6 6 6 6 7 2006 2006 2006	0.017 0.017 0.067 0.014 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C& 2008	0.020 0.078 0.016 0.060 0.060 0.030 0.069 0.030 0.069 D reuse as	0.021 0.085 0.017 0.064 6 was assun  2010 0.029 0.068 an engineer	0.024  0.096  0.020  0.073  ned to go to  2011  0.030  0.069  ring materia  2011  /A N	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070 I.	0.031 0.121 0.025 0.092 ing, rather t  2013 0.071 2013 A N.	0.034  0.132  0.027  0.101  han to inert  2014  0.031  0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 A N/	0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/	0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 A N/	0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 A N	0.043 0.170 0.035 0.130 2020 0.025 0.057 2020 /A N	0.043 0.043 0.168 0.034 0.128 0.128 0.058	0.042 0.166 0.034 0.127 2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060	0.041 0.162 0.033 0.124  2024 0.026 0.061	0. 0. 0. 0. 0. 20. 0. 0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by 'Yneathent' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la (2) CONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes) (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'inert landfill'  Total C&D reused on inert landfill (1) C&D reused on inert landfill (2) C&D reused on inert landfill (3) CAT reused on inert landfill (4) C&D reused on inert landfill (5) C&D reused on inert landfill (6) C&D reused on inert landfill (7) C&D reused on inert landfill sent incineration (based on total recovery is by 'Mon-specialist incineration' (based on total recovery capacity)  Total MSW and C&I recycling and composting residue sent to hazardous landfill (6) C&D reused on landfill sent incovery is by 'Mon-specialist incineration' (based on total recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assu	0.015 0.015 0.057 0.012 0.044	0.016 0.006 0.0062 0.003 0.047 0.031 0.047 0.031 0.073 0.031 0.073 0.000	2007 0.031 0.003 0.003 0.003	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C& 2008 V/A N 2008	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as 2009 4 N 2009 0.004	0.021 0.085 0.017 0.064 6 was assure  2010 0.029 0.068 an engineer 2010 VA N 2010 0.004	0.024 0.096 0.020 0.073 ned to go to  2011 0.030 0.069 ring materia 2011 0.005 0.005	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070 I. 2012 /A N. 2012 0.006 0.000	0.031 0.121 0.025 0.092 ing, rather t  2013 0.031 0.071  2013 0.006 0.000	0.034 0.132 0.027 0.101 than to inert  2014 0.031 0.073  2014 0.007	0.037 0.144 0.029 0.110 dandfi 2015 0.032 0.074 2015 A N/ 2015 0.007	0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/ 2016 0.008	0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 A N/ 2017 0.008 0.000	0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/ 2018 0.008	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 0.008 0.008	0.043 0.170 0.035 0.130 2020 0.025 0.057 2020 7A N.  2020 0.009 0.000	0.043 0.043 0.168 0.034 0.128 0.025 0.058 0.026 0.058	0.042 0.166 0.034 0.127 2022 0.025 0.059 2022 0.008 0.000	0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.026 0.060	0.041 0.162 0.033 0.124 0.026 0.061 2024 1.008 0.008	0. 0. 0. 0. 0. 2. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by "Non-specialist incineration" (SCENARIO 2 - Assumes all recovery is by "MBT" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) SCENARIO 3 - Assumes all recovery is by "RDF" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (1) C&D reused on landfill sites (1) C&D reused on landfill sites (1) C&D reused on landfill sites sent to 'non-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill' (1) C&D reused on landfill sites sent to 'inon-haz landfill' (2) C&D reused on landfill sites sent to 'inon-hazardous landfill' (3) CAD reused on landfill sites sent to 'inon-hazardous landfill' (4) CAD reuse on landfill sites sent to 'inon-hazardous landfill' (5) CAD reused on landfill sites sent to 'inon-hazardous landfill' (6) CAD reuse on inert and non-hazardous landfill' (7) CAD reuse on inert and non-hazardous landfill' (8) Total C&D reuse on inert and non-hazardous landfill' (8) Total MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I recycling and composting residue sent to hazardous landfill' 3: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill Sexual Sexual Sexual Residue sent to hazardous landfill Sexual Sexual Sexual Residue sent to hazardous	0.015 0.015 0.057 0.012 0.044 0.044 0.044 0.048 0.070 0.032 0.074 0.032 0.074 0.003	0.016 0.016 0.062 0.013 0.047 0.047 2.006 0.031 0.073 2.006 2.006 0.031 0.073	0.017 0.017 0.067 0.014 0.051 0.051 el assumptio	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C& 2008 V/A N	0.020 0.078 0.016 0.060 0.060 0.030 0.069 0.030 0.069 D reuse as 2009 (A N	0.021 0.085 0.017 0.064 6 was assun 2010 0.029 0.068 an engineer 2010 VA N 2010 0.004	0.024 0.096 0.020 0.073 ned to go to  2011 0.030 0.069 ring materia 2011 /A N.	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070 I.  2012 /A N.  2012	0.031 0.121 0.025 0.092 ing, rather t  2013 0.031 0.071  2013 A N.  2013	0.034 0.132 0.027 0.101 han to inert  2014 0.031 0.073  2014 0.073	0.037 0.144 0.029 0.110 landfi 2015 0.032 0.074 2015 A N/	0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/ 2016 0.008	0.039 0.154 0.031 0.117 2017 0.029 0.067 2017 A N/	0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/ 2018 0.008	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 A N	0.043 0.170 0.035 0.130  2020 0.025 0.057  2020 /A N. 2020 0.009	0.043 0.043 0.168 0.034 0.128 0.025 0.025 0.058	0.042 0.166 0.034 0.127  2022 0.025 0.059  2022 0.025 0.059	0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.026 0.060	0.041 0.162 0.033 0.124 0.026 0.061 2024 0.008	20.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
(i) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by Non-specialist incineration' (i) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by Non-specialist incineration' SCENARIO 2 - Assumes all recovery is by "MBT' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "RDF' (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 3 - Assumes all recovery is by "Total MSW and C&I residue sent to non-hazardous landfill SCENARIO 4 - Assumes all recovery is by "tentament" (based on total recovery capacity) Total MSW and C&I residue sent to non-hazardous landfill (i) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill (ii) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert landfill' (ii) C&D reused on landfill sites (ii) C&D reused on landfill sites (iii) C&D reused on landfill sites sent to 'non-haz landfill' (iii) C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reused on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  10; C&D reuse on landfill sites sent to 'non-haz landfill'  Total C&D reuse on landfill sites sent to 'non-haz landfill'  11; TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)  Total MSW and C&I residue sent to hazardous landfill sont included within the charts because it has been assumed that data statement of the sent sent sent sent sent sent sent sen	0.015 0.015 0.057 0.012 0.044	0.016 0.006 0.0062 0.003 0.047 0.031 0.047 0.031 0.073 0.031 0.073 0.000	2007 0.031 0.003 0.003 0.003	0.018 0.018 0.073 0.015 0.055 ns develope 2008 0.030 0.070 unted for C& 2008 V/A N 2008	0.020 0.078 0.016 0.060 d MEL 50% 2009 0.030 0.069 D reuse as 2009 4 N 2009 0.004	0.021 0.085 0.017 0.064 6 was assure  2010 0.029 0.068 an engineer 2010 VA N 2010 0.004	0.024 0.096 0.020 0.073 ned to go to  2011 0.030 0.069 ring materia 2011 0.005 0.005	0.028 0.109 0.022 0.083 C&D recycl 2012 0.030 0.070 I. 2012 /A N. 2012 0.006 0.000	0.031 0.121 0.025 0.092 ing, rather t  2013 0.031 0.071  2013 0.006 0.000	0.034 0.132 0.027 0.101 than to inert  2014 0.031 0.073  2014 0.007	0.037 0.144 0.029 0.110 dandfi 2015 0.032 0.074 2015 A N/ 2015 0.007	0.038 0.149 0.030 0.113 2016 0.030 0.071 2016 A N/ 2016 0.008	0.039 0.154 0.031 0.117  2017 0.029 0.067  2017 A N/ 2017 0.008 0.000	0.040 0.159 0.032 0.121 2018 0.027 0.064 2018 A N/ 2018 0.008	0.042 0.165 0.033 0.126 2019 0.026 0.061 2019 0.008 0.008	0.043 0.170 0.035 0.130 2020 0.025 0.057 2020 7A N.  2020 0.009 0.000	0.043 0.043 0.168 0.034 0.128 0.025 0.058 0.026 0.058	0.042 0.166 0.034 0.127 2022 0.025 0.059 2022 0.008 0.000	0.042 0.164 0.033 0.125 2023 0.026 0.060 2023 0.026 0.060	0.041 0.162 0.033 0.124 0.026 0.061 2024 1.008 0.008	0.0

NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of managed waste versus available capacity.

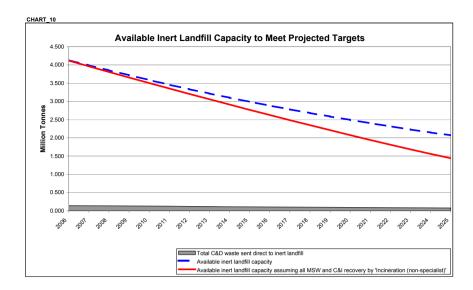












#### SUMMARY DATA AND RESULTS FOR SURREY

SW	WASTE USED TO GENERATE RESULTS (Million Tonnes)		2006 0.659	2007 0.676	2008 0.693	2009 0.710	2010 0.728	2011 0.742	2012 0.757	2013 0.772	2014 0.788	2015 0.804	2016 0.816	2017 0.828	2018 0.840	2019 0.853	2020 0.866	2021 0.879	2022 0.892	2023 0.905	2024 0.919
sw - import ki	rts from london that are sent direct to non-hazardous landfill		0.063 0.838	0.062 0.859	0.060	0.059 0.902	0.057 0.925	0.054 0.943	0.051 0.962	0.047 0.981	0.044 1.001	0.041 1.021	0.039 1.036	0.038 1.052	0.036 1.067	0.034 1.083	0.033 1.100	0.032 1.111	0.031 1.122	0.031 1.133	0.030 1.144
	s from london that are sent direct to non-hazardous landfill		0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037
d zardous			1.881 0.023	1.881 0.024	1.881 0.024	1.881 0.025	1.881 0.026	1.881 0.026	1.881 0.027	1.881 0.027	1.881 0.028	1.881 0.028	1.881 0.029	1.881 0.029	1.881 0.030	1.881 0.030	1.881 0.030	1.881 0.031	1.881 0.031	1.881 0.031	1.881 0.032
	REAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
ASIE SIE	LATS shortfall (how much extra is landfilled above LATS target)		-0.039	-0.034	-0.024	-0.010	0.008	0.016	0.024	0.030	0.017	0.003	0.001	0.000	-0.002	-0.004	-0.007	-0.006	-0.006	-0.006	-0.006
	Recycling and composting target		0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542
	Recovery target		0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228
	Non-hazardous landfill		0.406	0.393	0.380	0.365	0.341	0.307	0.273	0.239	0.223	0.206	0.196	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149
	Recycling and composting target		0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732
	Recovery target Non-hazardous landfill		0.119 0.367	0.124 0.357	0.128 0.347	0.133 0.336	0.139 0.324	0.151 0.311	0.164 0.298	0.177 0.285	0.190 0.270	0.204 0.255	0.209 0.247	0.215 0.238	0.220 0.228	0.225 0.219	0.231 0.209	0.229 0.204	0.227 0.200	0.224 0.195	0.222
	Recycling target		0.367	0.884	0.903	0.330	0.324	0.311	0.250	0.203	0.270	0.233	0.247	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129
	Recovery target		0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557
	Inert landfill		0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196
ardous	Hazardous waste		0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the mo	nodel assume	es that this e	xtra waste i	s recycled/o	composted	and recover	ed at the sa	me ratio as	the regiona	targets for r	ecycling/co	mposting a	nd recovery	for that year	ar.					
TING/P	PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSA	AL ROUTE (																			
V and C	2&I recovery		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Total existing/planned MSW and C&I recovery capacity		0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
	Surplus/deficit capacity		-0.021	-0.036	-0.052	-0.069	-0.088	-0.122	-0.157	-0.194	-0.225	-0.258	-0.272	-0.286	-0.302	-0.317	-0.333	-0.328	-0.322	-0.316	-0.310
V and C	& recycling and composting																				
	Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		1.349	1.349	1.349 1.041	1.349	1.349	1.349	1.349 1.041	1.349 1.041	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		1.041	0.741	0.695	1.041 0.646	1.041 0.589	0.544	0.498	0.452	1.041 0.419	1.041 0.384	1.041 0.352	1.041 0.319	0.284	1.041 0.249	1.041 0.213	1.041 0.179	1.041 0.145	1.041 0.110	0.074
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		0.700	0.741	0.387	0.338	0.281	0.236	0.430	0.432	0.413	0.076	0.002	0.011	-0.024	-0.059	-0.095	-0.179	-0.163	-0.110	-0.234
recyclin	ng																				
	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.865	-0.884	-0.903	-0.922	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.978	-1.016	-1.053	-1.091	-1.129	-1.129	-1.129	-1.129	-1.129
recover			4.704	4.740	4.007		4 400	4 400	4 440	4.000	4.077	4.050	4.005	4.000	4.000	4.004	4 400	4.000	4044	4.000	4.000
	REGIONAL total existing/planned C&D recovery capacity Surplus/deficit capacity		1.794	1.710 1.056	1.627 0.984	1.544 0.912	1.460 0.839	1.439 0.807	1.418 0.775	1.398 0.743	1.377 0.711	1.356 0.679	1.325 0.677	1.293 0.676	1.262 0.675	1.231 0.674	1.199 0.673	1.220 0.686	1.241 0.699	1.262 0.713	1.283 0.726
ardous w	waste recycling		1.120	1.000	0.304	0.512	0.039	0.007	0.775	0.743	0.711	0.079	0.077	0.070	0.075	0.074	0.073	0.000	0.033	0.713	0.720
	Total existing/planned hazardous waste recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ardous w	waste recovery																				
	Total existing/planned hazardous waste recovery capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
-hazardo	ous landfill		IN/A	N/A	IN/A	IN/A	IN/A	IN/A	IN/A	N/A	IN/A	IN/A	IN/A	IN/A	N/A	N/A	N/A	N/A	IN/A	N/A	IN/A
-ilazai uc	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		8.515	7.427	6.356	5.305	4.274	3.272	2.317	1.409	0.549	-0.278	-1.071	-1.851	-2.615	-3.363	-4.094	-4.808	-5.520	-6.232	-6.943
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		8.515	7.403	6.306	5.225	4.163	3.127	2.132	1.180	0.270	-0.611	-1.465	-2.306	-3.134	-3.949	-4.748	-5.533	-6.315		-7.876
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		8.515	7.332	6.157	4.992	3.838	2.702	1.592	0.509	-0.548	-1.590	-2.619	-3.641	-4.657	-5.666	-6.667	-7.659	-8.648	-9.632	-10.612
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		8.515	7.408	6.316	5.241	4.185	3.156	2.169	1.226	0.326	-0.545	-1.386	-2.215	-3.031	-3.832	-4.618	-5.388	-6.156	-6.923	-7.689
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		8.515	7.354	6.205	5.067	3.942	2.837	1.764	0.722	-0.287	-1.279	-2.251	-3.216	-4.173	-5.120	-6.057	-6.983	-7.906	-8.825	-9.741
t landfill	Available inert landfill capacity		11.532	11.182	10.840	10.505	10.178	9.858	9.549	9.252	8.966	8.692	8.428	8.172	7.924	7.683	7.450	7.224	7.006	6.796	6.592
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.532	11.152	10.789	10.303	10.178	9.713	9.365	9.023	8.687	8.358	8.035	7.717	7.405	7.003	6.796	6.499	6.211	5.931	5 659
ardous la			11.002	11.100	10.700	10.120	10.001	0.7 10	0.000	0.020	0.001	0.000	0.000		7.100	7.000	0.700	0.100	0.211	0.001	0.000
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																				
A 01: A	ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																				
													1.5%			1.5%	1.5%	1.5%	1.5%		1.5%
(*	(1) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%		1.5%	1.5%					1.5%	
(*	(1) Forecast regional level growth rate of MSW - cumulative (%)	103%	106%	108%	111%	114%	117%	119%	121%	124%	126%	129%	131%	133%	135%	137%	139%	141%	143%	145%	147%
(1	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts																139% 0.866				147% 0.919
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%)	103% 0.643 2.0%	106% 0.659 2.0%	108% 0.676 2.0%	111% 0.693 2.0%	114% 0.710 2.0%	117% 0.728 1.0%	119% 0.742 1.0%	121% 0.757 1.0%	124% 0.772 1.0%	126% 0.788 1.0%	129% 0.804 1.0%	131% 0.816 1.0%	133% 0.828 1.0%	135% 0.840 1.0%	137% 0.853 1.0%	0.866 0.5%	141% 0.879 0.5%	143% 0.892 0.5%	145% 0.905 <b>0.5</b> %	0.919
(*	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%)	103% 0.643 2.0% 102%	106% 0.659 2.0% 104%	108% 0.676 2.0% 106%	111% 0.693 2.0% 108%	114% 0.710 2.0% 110%	117% 0.728 1.0% 112%	119% 0.742 1.0% 113%	121% 0.757 1.0% 114%	124% 0.772 1.0% 115%	126% 0.788 1.0% 116%	129% 0.804 1.0% 117%	131% 0.816 1.0% 118%	133% 0.828 1.0% 120%	135% 0.840 1.0% 121%	137% 0.853 1.0% 122%	0.866 0.5% 123%	141% 0.879 0.5% 123%	143% 0.892 0.5% 124%	145% 0.905 0.5% 124%	0.919 0.5% 125%
(*	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts	103% 0.643 2.0%	106% 0.659 2.0%	108% 0.676 2.0%	111% 0.693 2.0%	114% 0.710 2.0%	117% 0.728 1.0%	119% 0.742 1.0%	121% 0.757 1.0%	124% 0.772 1.0%	126% 0.788 1.0%	129% 0.804 1.0%	131% 0.816 1.0%	133% 0.828 1.0%	135% 0.840 1.0%	137% 0.853 1.0%	0.866 0.5%	141% 0.879 0.5%	143% 0.892 0.5%	145% 0.905 <b>0.5</b> %	0.919
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%)	103% 0.643 2.0% 102%	106% 0.659 2.0% 104%	108% 0.676 2.0% 106%	111% 0.693 2.0% 108%	114% 0.710 2.0% 110%	117% 0.728 1.0% 112%	119% 0.742 1.0% 113%	121% 0.757 1.0% 114%	124% 0.772 1.0% 115%	126% 0.788 1.0% 116%	129% 0.804 1.0% 117%	131% 0.816 1.0% 118%	133% 0.828 1.0% 120%	135% 0.840 1.0% 121%	137% 0.853 1.0% 122%	0.866 0.5% 123%	141% 0.879 0.5% 123%	143% 0.892 0.5% 124%	145% 0.905 0.5% 124%	0.919 0.5% 125%
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional level growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year  (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%)	103% 0.643 2.0% 102% 0.637 3.3% 110%	106% 0.659 2.0% 104% 0.650 2.5% 113%	108% 0.676 2.0% 106% 0.663 2.5% 116%	111% 0.693 2.0% 108% 0.676 2.5% 119%	114% 0.710 2.0% 110% 0.690 2.5% 122%	117% 0.728 1.0% 112% 0.696 2.5% 125%	119% 0.742 1.0% 113% 0.703 2.0% 127%	121% 0.757 1.0% 114% 0.710 2.0% 130%	124% 0.772 1.0% 115% 0.718 2.0% 132%	126% 0.788 1.0% 116% 0.725 2.0% 135%	129% 0.804 1.0% 117% 0.732 2.0% 138%	131% 0.816 1.0% 118% 0.739 1.5% 140%	133% 0.828 1.0% 120% 0.747 1.5% 142%	135% 0.840 1.0% 121% 0.754 1.5% 144%	137% 0.853 1.0% 122% 0.762 1.5% 146%	0.866 0.5% 123% 0.765 1.5% 148%	141% 0.879 0.5% 123% 0.769 1.0%	143% 0.892 0.5% 124% 0.773 1.0% 151%	145% 0.905 0.5% 124% 0.777 1.0% 153%	0.919 0.5% 125% 0.781 1.0% 154%
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	103% 0.643 2.0% 102% 0.637	106% 0.659 2.0% 104% 0.650 2.5%	108% 0.676 2.0% 106% 0.663	111% 0.693 2.0% 108% 0.676	114% 0.710 2.0% 110% 0.690 2.5%	117% 0.728 1.0% 112% 0.696	119% 0.742 1.0% 113% 0.703	121% 0.757 1.0% 114% 0.710	124% 0.772 1.0% 115% 0.718	126% 0.788 1.0% 116% 0.725	129% 0.804 1.0% 117% 0.732	131% 0.816 1.0% 118% 0.739	133% 0.828 1.0% 120% 0.747	135% 0.840 1.0% 121% 0.754	137% 0.853 1.0% 122% 0.762 1.5%	0.866 0.5% 123% 0.765 1.5%	141% 0.879 0.5% 123% 0.769	143% 0.892 0.5% 124% 0.773	145% 0.905 0.5% 124% 0.777	0.919 0.5% 125% 0.781 1.0%
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional level growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - per year (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8%	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0%	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0%
(° (° (°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 107%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127%	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127%	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127%
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth roceasts (1) Forecast sub-regional level growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level growth rate of C&I - per year (%) (1) Forecast sub-regional level prowth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8%	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0%	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0%
(' (' (' (' (' (' (' (' (' (' (' (' (' (	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 107%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115% 0.851	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127%	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127% 0.943	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127%
(° (° (° (° (° (° (° (° (° (° (° (° (° (	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional level growth rate of MSW - cumulative (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of OSI in baseline year (1) Forecast regional level growth rate of CSI - per year (%) (1) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts (1) Forecast sub-regional level growth rate of CSI - per year (%) (1) Forecast sub-regional level growth rate of CSI - per year (%) (1) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts Arisings of hazardous waste in baseline year (2) Forecast sub-long level growth rate of hazardous waste - per year (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 107% 0.796	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125%	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127%	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943
(' (' (' (' (' (' (' (' (' (' (' (' (' (	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - w. cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of Call in baseline year (1) Forecast regional level growth rate of Call - per year (%) (1) Forecast regional level growth rate of Call - cumulative (%) Total arisings of Call using regional growth forecasts (1) Forecast sub-regional level growth rate of Call - per year (%) (1) Forecast sub-regional level growth rate of Call - cumulative (%) Total arisings of Call using sub-regional growth forecasts Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of Call - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Forecast regional level growth rate of hazardous waste - cumulative (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 0.851	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127% 0.943	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0%
() () () () () () ()	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional level growth rate of MSW - cumulative (%) (1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of OSI in baseline year (1) Forecast regional level growth rate of CSI - per year (%) (1) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts (1) Forecast sub-regional level growth rate of CSI - per year (%) (1) Forecast sub-regional level growth rate of CSI - per year (%) (1) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts Arisings of hazardous waste in baseline year (2) Forecast sub-long level growth rate of hazardous waste - per year (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782 3.3% 107%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823 2.5% 115%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838 2.5% 118%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 115% 0.851	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 122% 0.906	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133%	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 135%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943 1.5% 141%	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943 1.5% 144%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943 1.0% 146%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 127% 0.943	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149%
(°	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of the Arisings of hazardous waste - per year (%) Forecast tregional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 0.782 3.3% 107% 0.023 1.7% 1.02%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7% 105%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 0.809 2.5% 112% 0.024 1.7%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 0.823 2.5% 115% 0.024 1.7%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 0.851 2.5% 121% 0.026 1.6% 113%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.027 1.6% 138%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 0.906 2.0% 131% 0.028 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133% 0.014 2.0% 133% 124 125% 12	131% 0.816 1.0% 1.18% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 1.5% 0.029 0.8% 1.5%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 0.928 1.5% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.88% 124%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943 1.5% 141% 0.030 0.8%	0.866 0.5% 123% 0.765 1.5% 1.100 0.0% 127% 0.943 1.5% 144% 0.030 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943 1.0% 145% 0.031 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943 1.0% 146% 0.031 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 148% 0.031 0.031	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149% 0.032 0.032 0.0% 125%
(°) (°) (°) (°) (°) (°) (°) (°) (°) (°)	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth growth rate of MSW - ery regress (1) Forecast sub-regional level growth rate of MSW - ery sear (%) (1) Forecast sub-regional level growth rate of CSI - per year (%) Total arisings of MSW using sub-regional growth forecasts  Arisings of CSI in baseline year (1) Forecast regional level growth rate of CSI - per year (%) (5) Forecast regional level growth rate of CSI - per year (%) (7) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts (1) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth forecasts (2) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth sub-regional level growth rate of CSI - cumulative (%) Total arisings of hazardous waste (%) Total arisings of hazardous waste (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 105% 0.782 3.3% 107% 0.023 1.7%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809 2.5% 112% 0.024 1.7%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 111% 0.823 2.5% 115% 0.024 1.7%	114% 0.710 2.0% 110% 0.690 2.5% 1.22% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 0.851 2.5% 121% 0.026 1.6%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.027	126% 0.788 1.0% 116% 0.725 2.0% 1.001 1.6% 1.22% 0.906 1.31% 0.028 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133% 0.914 2.0% 133% 0.028	131% 0.816 1.0% 118% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 135% 0.029 0.8%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 125% 0.928 1.5% 1.5% 1.5% 1.5% 1.5%	135% 0.840 1.0% 121% 0.754 1.5% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.8%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943 1.5% 141% 0.030 0.8%	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943 1.5% 144% 0.030 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 1.111 0.0% 1.111 0.943 1.0% 1.45% 0.031 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 1.27% 0.943 1.0% 1.0% 1.0% 1.0% 1.0% 1.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 1.0% 1.0%	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149% 0.032 0.0%
(°) (°) (°) (°) (°) (°) (°) (°) (°) (°)	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth rate of MSW - per year (%) (1) Forecast sub-regional level growth rate of MSW - w.cmulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year (1) Forecast regional level growth rate of C&I - per year (%) (1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts (1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year (2) Forecast regional level growth rate of hazardous waste - per year (%) Forecast regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste (2) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste Total managed C&B in baseline year	103% 0.643 2.0% 102% 0.637 3.3% 110% 10.817 1.7% 105% 0.782 107% 0.023 1.7% 104% 0.022	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7% 105% 0.022	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 109% 0.809 2.5% 112% 0.009 112% 0.000 112% 0.000 117% 107% 0.000	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.820 1.7% 111% 0.823 2.5% 115% 0.024 1.7% 109% 0.023	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7% 111% 0.024	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 115% 0.851 2.5% 121% 0.026 1.6% 113% 0.024	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6% 114% 0.024	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027 1.6% 1.6% 1.6% 1.0%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.025	126% 0.788 1.0% 1.16% 0.725 2.0% 135% 1.001 135% 1.001 1.6% 122% 0.906 2.0% 131% 0.028 1.6% 1.004	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 1.08% 123% 0.914 2.0% 133% 0.914 2.0% 133% 0.028 0.8% 121% 0.026	131% 0.816 1.0% 1.18% 0.739 1.5% 140% 1.036 1.24% 0.921 1.5% 1.5% 1.24% 0.921 1.5% 1.5% 1.24% 0.921	133% 0.828 1.0% 1.20% 0.747 1.5% 142% 1.052 0.8% 125% 0.928 1.5% 1.37% 0.029 0.8% 1.33% 0.026	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.8% 124% 0.026	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 127% 0.943 1.5% 141% 0.030 1.8% 125% 0.026	0.866 0.5% 123% 0.765 1.5% 148% 1.100 0.0% 127% 0.943 1.5% 1.44% 0.030 0.0% 125% 0.026	1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 0.943 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0% 1.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 148% 0.031 0.0% 0.036	0.919 0.5% 0.781 1.0% 154% 1.144 0.0% 0.943 1.0% 0.943 1.0% 0.032 0.0% 0.032 0.0%
() () () () () () ()	(1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts (1) Forecast sub-regional growth growth rate of MSW - ery regress (1) Forecast sub-regional level growth rate of MSW - ery sear (%) (1) Forecast sub-regional level growth rate of CSI - per year (%) Total arisings of MSW using sub-regional growth forecasts  Arisings of CSI in baseline year (1) Forecast regional level growth rate of CSI - per year (%) (5) Forecast regional level growth rate of CSI - per year (%) (7) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using regional growth forecasts (1) Forecast sub-regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth forecasts (2) Forecast regional level growth rate of CSI - cumulative (%) Total arisings of CSI using sub-regional growth sub-regional level growth rate of CSI - cumulative (%) Total arisings of hazardous waste (%) Total arisings of hazardous waste (%) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) Total arisings of hazardous waste	103% 0.643 2.0% 102% 0.637 3.3% 110% 0.817 1.7% 0.782 3.3% 107% 0.023 1.7% 1.02%	106% 0.659 2.0% 104% 0.650 2.5% 113% 0.838 1.7% 0.796 2.5% 109% 0.023 1.7% 105%	108% 0.676 2.0% 106% 0.663 2.5% 116% 0.859 1.7% 0.809 2.5% 112% 0.024 1.7%	111% 0.693 2.0% 108% 0.676 2.5% 119% 0.880 1.7% 0.823 2.5% 115% 0.024 1.7%	114% 0.710 2.0% 110% 0.690 2.5% 122% 0.902 1.7% 113% 0.838 2.5% 118% 0.025 1.7%	117% 0.728 1.0% 112% 0.696 2.5% 125% 0.925 1.6% 0.851 2.5% 121% 0.026 1.6% 113%	119% 0.742 1.0% 113% 0.703 2.0% 127% 0.943 1.6% 117% 0.865 2.0% 123% 0.026 1.6%	121% 0.757 1.0% 114% 0.710 2.0% 130% 0.962 1.6% 118% 0.878 2.0% 126% 0.027 1.6%	124% 0.772 1.0% 115% 0.718 2.0% 132% 0.981 1.6% 120% 0.892 2.0% 128% 0.027 1.6% 138%	126% 0.788 1.0% 116% 0.725 2.0% 135% 1.001 1.6% 0.906 2.0% 131% 0.028 1.6%	129% 0.804 1.0% 117% 0.732 2.0% 138% 1.021 0.8% 123% 0.914 2.0% 133% 0.014 2.0% 133% 124 125% 12	131% 0.816 1.0% 1.18% 0.739 1.5% 140% 1.036 0.8% 124% 0.921 1.5% 1.5% 0.029 0.8% 1.5%	133% 0.828 1.0% 120% 0.747 1.5% 142% 1.052 0.8% 0.928 1.5% 0.928	135% 0.840 1.0% 121% 0.754 1.5% 144% 1.067 0.8% 126% 0.936 1.5% 139% 0.030 0.88% 124%	137% 0.853 1.0% 122% 0.762 1.5% 146% 1.083 0.8% 127% 0.943 1.5% 141% 0.030 0.8%	0.866 0.5% 123% 0.765 1.5% 1.100 0.0% 127% 0.943 1.5% 144% 0.030 0.0%	141% 0.879 0.5% 123% 0.769 1.0% 150% 1.111 0.0% 127% 0.943 1.0% 145% 0.031 0.0%	143% 0.892 0.5% 124% 0.773 1.0% 151% 1.122 0.0% 127% 0.943 1.0% 146% 0.031 0.0%	145% 0.905 0.5% 124% 0.777 1.0% 153% 1.133 0.0% 0.943 1.0% 148% 0.031 0.031	0.919 0.5% 125% 0.781 1.0% 154% 1.144 0.0% 127% 0.943 1.0% 149% 0.032 0.032 0.0% 125%

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.
(2) Baseline year of hazardous waste arisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.
(3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste is not included in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

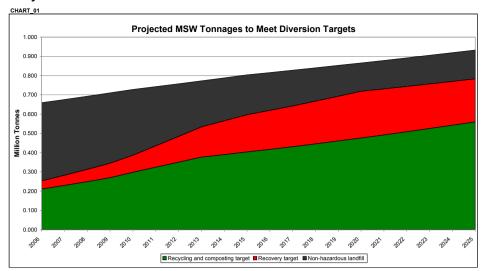
Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

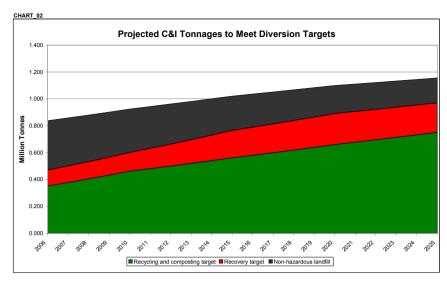
DATA_02:	INTER REGIONAL MOVEMENTS OF MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c	3i Regional level imports of MSW and C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
	Proportion of regional MSW and C&I imports that go to the sub-region (%)	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%	8.4%
	(1) Total imports of MSW and C&I from London into sub-region sent direct to landfill	0.148	0.144	0.140	0.137	0.133	0.129	0.122	0.115	0.108	0.100	0.093	0.089	0.086	0.082	0.078	0.074	0.072	0.071	0.069	0.067	0.066
msw	Proportion of total MSW and C&I imports that are MSW (%) - REGIONAL GROWTH FORECAST	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	45%	45%
	Total imports of MSW into the sub-region from London - REGIONAL GROWTH FORECAST	0.065	0.063	0.062	0.060	0.059	0.057	0.054	0.051	0.047	0.044	0.041	0.039	0.038	0.036	0.034	0.033	0.032	0.031	0.031	0.030	0.029
	Proportion of total MSW and C&I imports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	45%	45%	45%	45%	45%	45%	45%	45%	45%	44%	44%	45%	45%	45%	45%	45%	45%	45%	45%	45%	45%
	Total imports of MSW into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.066	0.065	0.063	0.062	0.060	0.058	0.055	0.051	0.048	0.045	0.041	0.040	0.038	0.036	0.035	0.033	0.032	0.032	0.031	0.030	0.030
c&i	Proportion of total MSW and C&I imports that are C&I (%) - REGIONAL GROWTH FORECAST	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	56%	55%	55%
	Total imports of C&I into the sub-region from London - REGIONAL GROWTH FORECAST	0.083	0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037	0.036
	Proportion of total MSW and C&I imports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	55%	55%	55%	55%	55%	55%	55%	55%	55%	56%	56%	55%	55%	55%	55%	55%	55%	55%	55%	55%	55%
	Total imports of C&I into the sub-region from London - SUB-REGIONAL GROWTH FORECAST	0.081	0.079	0.077	0.075	0.073	0.071	0.067	0.064	0.060	0.056	0.052	0.050	0.047	0.045	0.043	0.041	0.040	0.039	0.038	0.037	0.036

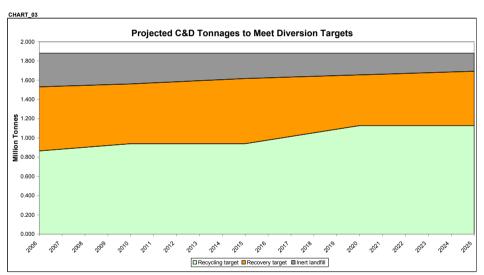
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tornage arisings of MSW and C&I in the sub-region.

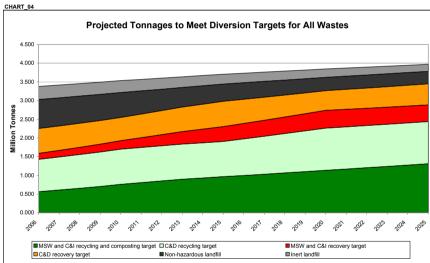
DATA_03: MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	0.643	0.659	0.676	0.693	0.710	0.728	0.742	0.757	0.772	0.788	0.804	0.816	0.828	0.840	0.853	0.866	0.879	0.892	0.905	0.919	0.933
msw - imports from london that are sent direct to non-hazardous landfill	0.065	0.063	0.062	0.060	0.059	0.057	0.054	0.051	0.047	0.044	0.041	0.039	0.038	0.036	0.034	0.033	0.032	0.031	0.031	0.030	0.029
c&i	0.817	0.838	0.859	0.880	0.902	0.925	0.943	0.962	0.981	1.001	1.021	1.036	1.052	1.067	1.083	1.100	1.111	1.122	1.133	1.144	1.156
c&I - imports from london that are sent direct to non-hazardous landfill	0.083	0.081	0.079	0.077	0.074	0.072	0.068	0.064	0.060	0.056	0.052	0.050	0.048	0.046	0.044	0.041	0.040	0.039	0.038	0.037	0.036
c&d	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881	1.881
hazardous	0.023	0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032
DATA_04: TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw (1) landfill (Mt)	0.325	0.316	0.301	0.282	0.258	0.229	0.204	0.178	0.153	0.146	0.140	0.133	0.126	0.120	0.113	0.107	0.107	0.107	0.107	0.107	0.107
recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous landfill (%)	N/A																				
recovered (%)	N/A																				
recycled (%)	N/A																				
(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05: WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

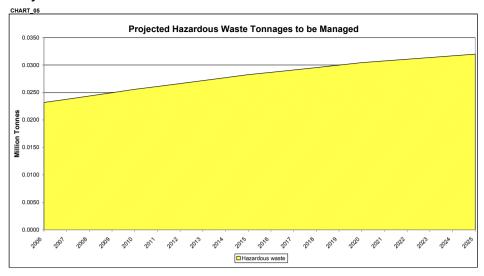
DATA_05: V	NASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Total MSW to be recovered and recycled/composted to meet target	0.225	0.253	0.283	0.313	0.345	0.378	0.419	0.460	0.504	0.548	0.595	0.618	0.642	0.667	0.693	0.718	0.731	0.744	0.757	0.770	0.783
	Total MSW not-diverted by targets	0.418	0.406	0.393	0.380	0.365	0.349	0.324	0.297	0.269	0.239	0.209	0.197	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149	0.149
	Percentage of MSW that is biodegradable (% by weight)	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
	Total BMW not-diverted by targets	0.284	0.276	0.267	0.258	0.248	0.238	0.220	0.202	0.183	0.163	0.142	0.134	0.126	0.118	0.109	0.100	0.100	0.101	0.101	0.101	0.101
	LATS shortfall (how much extra is landfilled above LATS target)	-0.041	-0.039	-0.034	-0.024	-0.010	0.008	0.016	0.024	0.030	0.017	0.003	0.001	0.000	-0.002	-0.004	-0.007	-0.006	-0.006	-0.006	-0.006	-0.005
	Ratio of 'recovered' to 'recycled/composted' for target (%)	14%	17%	19%	20%	22%	23%	26%	28%	29%	31%	32%	33%	33%	33%	33%	34%	33%	32%	31%	30%	29%
	Extra MSW 'recovery' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.002	0.004	0.007	0.009	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Extra MSW 'recycling/composting' needed due to LATS shortfall	0.000	0.000	0.000	0.000	0.000	0.006	0.012	0.017	0.021	0.012	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	The section below in DATA 03 shows the tonnages by waste to meet targets.																					
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target	0.193	0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542	0.560
	Recovery target	0.032	0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228	0.224
	Non-hazardous landfill	0.418	0.406	0.393	0.380	0.365	0.341	0.307	0.273	0.239	0.223	0.206	0.196	0.185	0.173	0.160	0.147	0.148	0.148	0.148	0.149	0.149
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target	0.327	0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732	0.751
	Recovery target	0.114	0.119	0.124	0.128	0.133	0.139	0.151	0.164	0.177	0.190	0.204	0.209	0.215	0.220	0.225	0.231	0.229	0.227	0.224	0.222	0.220
	Non-hazardous landfill	0.376	0.367	0.357	0.347	0.336	0.324	0.311	0.298	0.285	0.270	0.255	0.247	0.238	0.228	0.219	0.209	0.204	0.200	0.195	0.190	0.185
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1 091	1,129	1.129	1.129	1.129	1.129	1.129
	Recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
	Inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
	CHECK COUNTER (should be zero)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hazardous	Hazardous waste	2005 0.023	2006 0.023	0.024	2008 0.024	0.025	2010 0.026	0.026	0.027	2013 0.027	2014 0.028	2015 0.028	2016 0.029	2017 0.029	2018 0.030	2019 0.030	0.030	2021 0.031	0.031	0.031	0.032	0.032
Hazaruous	riazalutus waste	0.023	0.023	0.024	0.024	0.025	0.020	0.020	0.021	0.027	0.020	0.020	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032
DATA_06: 1	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target	0.520	0.563	0.608	0.654	0.703	0.760	0.805	0.851	0.897	0.930	0.965	0.997	1.030	1.064	1.100	1.136	1.170	1.204	1.239	1.274	1.311
	C&D recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129	1.129
	MSW and C&I recovery target	0.147	0.161	0.176	0.192	0.209	0.228	0.262	0.297	0.334	0.366	0.398	0.412	0.426	0.442	0.457	0.473	0.468	0.462	0.456	0.450	0.443
	C&D recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
	Non-hazardous landfill	0.794	0.773	0.750	0.726	0.700	0.665	0.618	0.571	0.523	0.493	0.462	0.443	0.423	0.402	0.379	0.356	0.352	0.348	0.343	0.339	0.334
	Inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
	Hazardous waste	0.023	0.023	0.024	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031	0.031	0.031	0.032	0.032











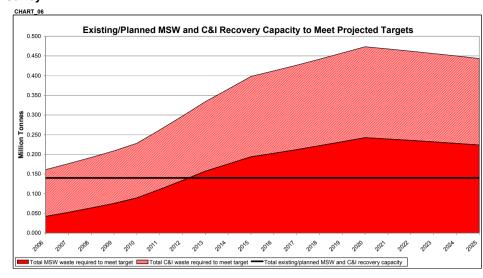
3. RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)	

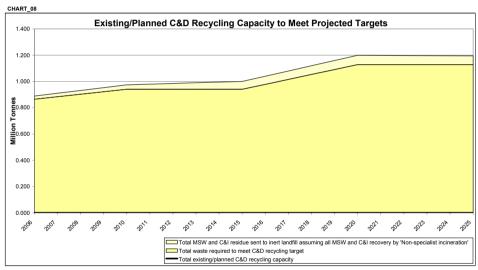
·	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
MSW and C&I recovery																					
MSW and C&I incineration (non-specialist)	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
MSW and C&I treatment	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Total existing/planned MSW and C&I recovery capacity	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
Total MSW waste required to meet target	0.032	0.042	0.053	0.064	0.075	0.089	0.111	0.134	0.157	0.175	0.194	0.203	0.212	0.222	0.232	0.242	0.239	0.235	0.232	0.228	0.224
Total C&I waste required to meet target	0.114	0.119	0.124	0.128	0.133	0.139	0.151	0.164	0.177	0.190	0.204	0.209	0.215	0.220	0.225	0.231	0.229	0.227	0.224	0.222	0.220
Surplus/deficit capacity	-0.007	-0.021	-0.036	-0.052	-0.069	-0.088	-0.122	-0.157	-0.194	-0.225	-0.258	-0.272	-0.286	-0.302	-0.317	-0.333	-0.328	-0.322	-0.316	-0.310	-0.303
MSW and C&I recycling and composting																					
MSW and C&I recycling	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938
MSW and C&I transfer	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054	2.054
Total existing/planned MSW and C&I composting capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(1) Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349	1.349
(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041	1.041
Total MSW waste required to meet recycling and composting target	0.193	0.211	0.230	0.249	0.270	0.298	0.324	0.350	0.377	0.390	0.403	0.417	0.430	0.445	0.461	0.476	0.492	0.508	0.525	0.542	0.560
Total C&I waste required to meet recycling and composting target	0.327	0.352	0.378	0.405	0.433	0.462	0.481	0.500	0.520	0.540	0.561	0.580	0.599	0.619	0.639	0.660	0.677	0.695	0.714	0.732	0.751
Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	0.829	0.786	0.741	0.695	0.646	0.589	0.544	0.498	0.452	0.419	0.384	0.352	0.319	0.284	0.249	0.213	0.179	0.145	0.110	0.074	0.038
Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.521	0.478	0.433	0.387	0.338	0.281	0.236	0.190	0.144	0.111	0.076	0.044	0.011	-0.024	-0.059	-0.095	-0.129	-0.163	-0.198	-0.234	-0.270
C&D recycling																					
(3) Total existing/planned C&D recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total waste required to meet C&D recycling target	0.846	0.865	0.884	0.903	0.922	0.941	0.941	0.941	0.941	0.941	0.941	0.978	1.016	1.053	1.091	1.129	1.129	1.129	1.129	1.129	1.129
Surplus/deficit capacity	-0.846	-0.865	-0.884	-0.903	-0.922	-0.941	-0.941	-0.941	-0.941	-0.941	-0.941	-0.978	-1.016	-1.053	-1.091	-1.129	-1.129	-1.129	-1.129	-1.129	-1.129
C&D recovery	0.010	0.000	0.001	0.000	0.022	0.011	0.011	0.011	0.011	0.011	0.011	0.010	1.010	1.000	1.001	1.120	20	20	1.120	1.120	1.120
REGIONAL total existing/planned C&D recovery capacity	1.877	1.794	1.710	1.627	1.544	1.460	1 439	1 418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220	1.241	1.262	1.283	1.304
Sub-regional total waste required to meet C&D recovery target	0.677	0.666	0.655	0.643	0.632	0.621	0.632	0.643	0.655	0.666	0.677	0.647	0.617	0.587	0.557	0.527	0.534	0.542	0.549	0.557	0.564
Surplus/deficit capacity	1.200	1.128	1.056	0.984	0.912	0.839	0.807	0.775	0.033	0.711	0.679	0.677	0.676	0.675	0.674	0.673	0.686	0.699	0.713	0.726	0.739
Surpussion capacity Hazardous waste recycling	1.200	1.120	1.050	0.504	0.512	0.009	0.007	0.775	0.743	0.711	0.079	0.077	0.070	0.075	0.074	0.073	0.000	0.055	0.713	0.720	0.739
Total existing/planned hazardous waste recycling capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total existing/planned nazardous waste recycling capacity  Total hazardous waste to be recycled	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A						
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Hazardous waste recovery	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total existing/planned hazardous waste recovery capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste to be recovered	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Surplus/deficit capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Non-hazardous landfill																					
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		8.515	7.427	6.356	5.305	4.274	3.272	2.317	1.409	0.549	-0.278	-1.071	-1.851	-2.615	-3.363	-4.094	-4.808	-5.520	-6.232	-6.943	-7.653
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		8.515	7.403	6.306	5.225	4.163	3.127	2.132	1.180	0.270	-0.611	-1.465	-2.306	-3.134	-3.949	-4.748	-5.533	-6.315	-7.096	-7.876	-8.653
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		8.515	7.332	6.157	4.992	3.838	2.702	1.592	0.509	-0.548	-1.590	-2.619	-3.641	-4.657	-5.666	-6.667	-7.659	-8.648	-9.632	-10.612	-11.588
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'		8.515	7.408	6.316	5.241	4.185	3.156	2.169	1.226	0.326	-0.545	-1.386	-2.215	-3.031	-3.832	-4.618	-5.388	-6.156	-6.923	-7.689	-8.453
Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		8.515	7.354	6.205	5.067	3.942	2.837	1.764	0.722	-0.287	-1.279	-2.251	-3.216	-4.173	-5.120	-6.057	-6.983	-7.906	-8.825	-9.741	-10.654
Total MSW and C&I waste sent direct to non-hazardous landfill		0.773	0.750	0.726	0.700	0.665	0.618	0.571	0.523	0.493	0.462	0.443	0.423	0.402	0.379	0.356	0.352	0.348	0.343	0.339	0.334
Inert landfill																					
Available inert landfill capacity		11.532	11.182	10.840	10.505	10.178	9.858	9.549	9.252	8.966	8.692	8.428	8.172	7.924	7.683	7.450	7.224	7.006	6.796	6.592	6.397
Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		11.532	11.158	10.789	10.425	10.067	9.713	9.365	9.023	8.687	8.358	8.035	7.717	7.405	7.098	6.796	6.499	6.211	5.931	5.659	5.396
Total C&D waste sent direct to inert landfill	0.357	0.350	0.342	0.335	0.327	0.320	0.308	0.297	0.286	0.275	0.263	0.256	0.248	0.241	0.233	0.226	0.218	0.211	0.203	0.196	0.188
Hazardous landfill																					
Available hazardous landfill capacity	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total hazardous waste sent direct to hazardous landfill		//A N		I/A N		I/A N		I/A N		/A N						/A N				I/A N	VA
Other																					
Metal/ELV facility	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017
Ignored	1 402	1 402	1 402	1.402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402	1 402
Ignored Closed	1.402 0.000	1.402	1.402	1.402 0.000	1.402 0.000	1.402	1.402	1.402 0.000	1.402	1.402	1.402 0.000	1.402 0.000	1.402 0.000	1.402 0.000	1.402 0.000						

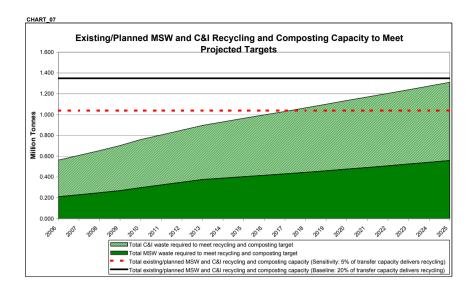
<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity
(2) ERM has assumed that 5% of the total 'transfer' capacity will deliver recycling capacity
(3) Data for CAD recovery for Ind

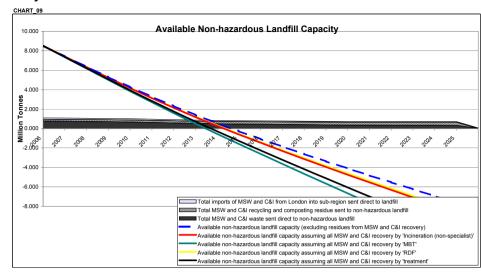
Total hazardous waste recycling and recovery residue sent to hazardous landfill

•																					
DATA_08: RESIDUE RATES (%)  Pacouser residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (% by weight)  MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I incineration (non-specialist) - bottom asri  MSW and C&I incineration (non-specialist) - fly ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Recycling residues (% by weight)																					
MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
(2) MSW and C&I transfer	15 15	15	15	15	15	15	15	15	15 15	15	15	15	15	15	15	15	15	15	15	15	15
MSW and C&I composting		15	15	15	15	15	15	15		15	15	15	15	15	15	15	15	15	15	15	15
C&D recycling	10		10 5	10	10 5	10	10	10 5	10 5	10	10	10	10	10 5	10 5	10	10	10	10 5	10	10 5
Hazardous waste recycling Other	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its cal	culations bec	ause these	are not rele	vant to the m	nanagement	t of MSW, C	C&I and C&D	. These da	ita are inclu	ded for the p	ourposes of	completene	SS.								
DATA_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Recovery residues (of waste managed):																					
MSW and C&I incineration (non-specialist) - bottom ash	0.044	0.048	0.053	0.058	0.063	0.068	0.079	0.089	0.100	0.110	0.119	0.124	0.128	0.133	0.137	0.142	0.140	0.139	0.137	0.135	0.133
MSW and C&I incineration (non-specialist) - fly ash	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.013	0.013
MSW and C&I to MBT	0.086	0.095	0.104	0.113	0.123	0.134	0.155	0.175	0.197	0.216	0.235	0.243	0.252	0.261	0.270	0.279	0.276	0.273	0.269	0.265	0.262
MSW and C&I to RDF	0.018	0.019 0.073	0.021	0.023 0.086	0.025	0.027 0.103	0.031 0.118	0.036	0.040 0.150	0.044 0.164	0.048	0.049 0.185	0.051 0.192	0.053 0.199	0.055 0.206	0.057 0.213	0.056 0.211	0.055 0.208	0.055	0.054 0.202	0.053
MSW and C&I treatment - non-hazardous																			0.205	0.202	
MSW and C&I treatment - hazardous Hazardous waste recovery	0.007 N/A	0.008 N/A	0.009 N/A	0.010 N/A N	0.010 VA N	0.011 VA N	0.013 N/A N	0.015	0.017 VA N	0.018 I/A N	0.020 I/A N	0.021 'A N	0.021	0.022 I/A N	0.023	0.024 I/A N	0.023 I/A N/	0.023	0.023 N/A N		0.022
Recycling residues (of waste managed):	IN/PA	IVA I	W/M	IN/A P	WA P	*A [	IN/A N	ret P	wa N	wa N	ves N	n N	n N	urt N	- P	ura N	ıırA N/	a N	ırı Ni	n N	_
MSW and C&I recycling and composting	0.078	0.084	0.091	0.098	0.105	0.114	0.121	0.128	0.134	0.140	0.145	0.150	0.154	0.160	0.165	0.170	0.175	0.181	0.186	0.191	0.197
C&D recycling	0.085	0.087	0.031	0.090	0.092	0.094	0.094	0.094	0.094	0.094	0.094	0.098	0.102	0.105	0.103	0.113	0.113	0.113	0.113	0.113	0.113
Hazardous waste recycling							N/A N				/A N			I/A N			/A N/		V/A N		
Note: All residues are calculated on the amount of waste arising not on the maount of capacity available. This is complaince wit	n the self-suffi	ficiency requ	iirements o	f PPS10.																	
DATA_10: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO NON-HAZARDOUS LANDFILL (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.163	0.171	0.180	0.188	0.198	0.208	0.215	0.222	0.229	0.234	0.239	0.247	0.256	0.265	0.274	0.283	0.288	0.293	0.299	0.304	0.309
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)  (1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'  (1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022 0.022	0.024 0.024	0.026 0.026	0.029 0.029	0.031 0.031	0.034 0.034	0.039 0.039	0.045 0.045	0.050 0.050	0.055 0.055	0.060 0.060	0.062 0.062	0.064 0.064	0.066 0.066	0.069 0.069	0.071 0.071	0.070 0.070	0.069 0.069	0.068 0.068	0.067 0.067	0.067 0.067
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)  Total MSW and C&I residue sent to non-hazardous landfill	0.086	0.095	0.104	0.113	0.123	0.134	0.155	0.175	0.197	0.216	0.235	0.243	0.252	0.261	0.270	0.279	0.276	0.273	0.269	0.265	0.262
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)										0.044	0.048	0.049	0.051					0.055	0.055		0.053
Total MSW and C&I residue sent to non-hazardous landfill  SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)	0.018	0.019	0.021	0.023	0.025	0.027	0.031	0.036	0.040	0.044	0.046	0.049	0.051	0.053	0.055	0.057	0.056	0.055	0.055	0.054	0.053
Total MSW and C&I residue sent to non-hazardous landfill	0.066	0.073	0.079	0.086	0.094	0.103	0.118	0.134	0.150	0.164	0.179	0.185	0.192	0.199	0.206	0.213	0.211	0.208	0.205	0.202	0.200
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert la	andfill. In the	original mod	al accumnti	ione develop	ed MEL 50°	L was assi	med to go to	C&D recvo	ling rather	than to iner	landfi										
DATA_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)	idilli. III tile c	onginai mou	ci assumpti	iona develop	CO WILL SO	v was assu	inica to go to	Odd recyc	allig, rather	triair to incri	ianun										
(1) C&D reused on landfill sites	39 9	%																			
(1) C&D reused on exempt sites	61 9																				
(1) C&D reused on landfill sites sent to 'non-haz landfill'	30 9	%																			
(1) C&D reused on landfill sites sent to 'inert landfill'	70 9	%																			
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d Total C&D reused on non-hazardous landfill	0.079	0.077	0.076	0.075	0.074	0.072	0.074	0.075	0.076	0.077	0.079	0.075	0.072	0.068	0.065	0.061	0.062	0.063	0.064	0.065	0.066
Total reused C&D on inert landfill	0.184	0.181	0.178	0.175	0.172	0.169	0.172	0.175	0.178	0.181	0.184	0.176	0.168	0.159	0.151	0.143	0.145	0.147	0.149	0.151	0.153
(1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data s	sunnlied by es	nch sub-regio	nn has acco	ounted for C8	R eguer (13	an engine	erina materia	ı													
TOTAL SUB-FOLKE OF MICHAEL NOT MAZZINGO MICHIEL NOT MICHAEL SUB-FOLKE SUCCESSION MICHAEL	applied by ed	ion out regit	JII 1140 4000	Jantou 101 Oc	AD 10000 00	on ongino	omig materia														
DATA_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
,	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Total MSW and C&I recycling and composting residue sent to hazardous landfill											/A N						/A N/		V/A N	/A N/	Ά
DATA_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.004	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.014	0.014	0.013	0.013
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.007	0.008	0.009	0.010	0.010	0.011	0.013	0.015	0.017	0.018	0.020	0.021	0.021	0.022	0.023	0.024	0.023	0.023	0.023	0.022	0.022
					0.010	5.011	0.010	5.015	5.017	5.010	0.020	U.UE I	U.UE I	U.UEL	0.020	U.UET	0.020	0.020	0.020	U.ULL	0.022
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of m		e versus ava	aliable capa	icity.																	
DATA_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million To	onnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	2000	2000	2007	2006	2009	2010	4011	2U 1Z	4013	2014	4010	2U I 0	2017	2010	2019	2020	2U2 I	2022	2023	2024	2020

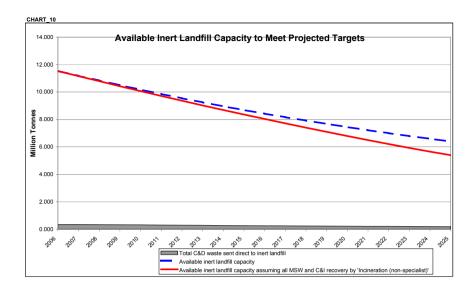












#### SUMMARY DATA AND RESULTS FOR WEST SUSSEX

	WASTE USED TO GENERATE RESULTS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
nsw	·		0.490	0.502	0.515	0.528	0.541	0.552	0.563	0.574	0.585	0.597	0.606	0.615	0.624	0.634	0.643	0.653	0.663	0.673	0.683
nsw - impor &i	ts from london that are sent direct to non-hazardous landfill		0.062 0.876	0.061 0.897	0.059	0.057	0.056 0.966	0.053	0.050	0.046 1.026	0.043	0.040 1.067	0.039 1.083	0.037	0.035	0.034 1.133	0.032 1.150	0.031	0.031 1.173	0.030 1.184	0.029
o.	s from london that are sent direct to non-hazardous landfill		0.876	0.897	0.920	0.943	0.966	0.986	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051
ki - iiiipoits kd	SHOW DIDON that are sent direct to non-nazardous fandini		1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302
zardous			0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035
ASTE STE	REAM TONNAGES TO MEET TARGETS (Million Tonnes)		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
SW	LATS shortfall (how much extra is landfilled above LATS target)		-0.052 0.157	-0.045 0.171	-0.035 0.185	-0.021 0.200	-0.003 0.216	0.004 0.235	0.010 0.255	0.016 0.275	0.006 0.285	-0.004 0.299	-0.005 0.309	-0.005 0.320	-0.007 0.331	-0.008 0.342	-0.009 0.354	-0.009 0.366	-0.009 0.378	-0.009 0.390	-0.009 0.403
	Recycling and composting target Recovery target		0.157	0.171	0.185	0.200	0.216	0.235	0.255	0.275	0.285	0.299	0.309	0.320	0.331	0.342	0.354	0.366	0.378	0.390	0.403
	Non-hazardous landfill		0.031	0.039	0.282	0.030	0.260	0.000	0.097	0.113	0.126	0.143	0.130	0.137	0.103	0.172	0.100	0.176	0.175	0.172	0.109
	Recycling and composting target		0.368	0.292	0.423	0.453	0.200	0.503	0.210	0.164	0.171	0.133	0.607	0.627	0.129	0.119	0.690	0.110	0.717	0.110	0.111
	Recovery target		0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.011	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.732
	Non-hazardous landfill		0.384	0.373	0.362	0.351	0.338	0.325	0.312	0.297	0.282	0.267	0.258	0.248	0.239	0.229	0.218	0.214	0.209	0.204	0.199
	Recycling target		0.599	0.612	0.625	0.638	0.651	0.651	0.651	0.651	0.651	0.651	0.677	0.703	0.729	0.755	0.781	0.781	0.781	0.781	0.781
	Recovery target		0.461	0.453	0.445	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.427	0.406	0.385	0.365	0.370	0.375	0.380	0.385
	Inert landfill		0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135
rdous	Hazardous waste		0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035
	Note: If there is a LATS shortfall, denoted by a positive number, (ie insufficient allowance to landfill non-diverted waste) then the manual properties of the control of t	nodel assume:	es that this e	extra waste	is recycled/	composted	and recover	ed at the sa	me ratio as t	ne regionai	targets for r	ecycling/co	mposting ai	na recovery	for that year	ar.					
STING/P	PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOS	SAL ROUTE (	(Million To	nnes)																	
			2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
and C	&I recovery																				
	Total existing/planned MSW and C&I recovery capacity		0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341
	Surplus/deficit capacity		0.186	0.173	0.160	0.146	0.132	0.103	0.073	0.042	0.014	-0.015	-0.028	-0.040	-0.053	-0.066	-0.080	-0.075	-0.070	-0.065	-0.060
and C	&I recycling and composting  Total existing/planned MSW and C&I recycling and composting capacity (Baseline: 20% of transfer capacity delivers recycling)		0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221
			0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221		0.221	0.221
	Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling) Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)		-0.303	-0.344	-0.387	-0.432	-0.478	-0.516	-0.556	-0.598	-0.629	-0.664	-0.694	-0.725	-0.757	-0.789	-0.000	-0.852	-0.883	-0.915	-0.060
	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)		-0.303	-0.486	-0.528	-0.432	-0.478	-0.657	-0.698	-0.739	-0.029	-0.805	-0.835	-0.725	-0.757	-0.789	-0.963	-0.832	-1.025	-1.056	-1.088
recyclin	Outplastdelicit capacity (Centilityty, 076 of transfer capacity delivers recycling)		-0.444	-0.400	-0.520	-0.575	-0.013	-0.007	-0.030	-0.733	-0.770	-0.000	-0.000	-0.000	-0.030	-0.330	-0.303	-0.334	-1.023	-1.000	-1.000
, .	Total existing/planned C&D recycling capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		-0.599	-0.612	-0.625	-0.638	-0.651	-0.651	-0.651	-0.651	-0.651	-0.651	-0.677	-0.703	-0.729	-0.755	-0.781	-0.781	-0.781	-0.781	-0.781
recover																					
	REGIONAL total existing/planned C&D recovery capacity		1.794	1.710	1.627	1.544	1.460	1.439	1.418	1.398	1.377	1.356	1.325	1.293	1.262	1.231	1.199	1.220		1.262	1.283
	Surplus/deficit capacity		1.333	1.257	1.182	1.106	1.030	1.002	0.973	0.944	0.916	0.887	0.877	0.866	0.856	0.845	0.835	0.850	0.866	0.882	0.897
ardous v	waste recycling		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Total existing/planned hazardous waste recycling capacity Surplus/deficit capacity		0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A	0.000 N/A
ardous v	vaste recovery		IN/A	IN/A	INA	IWA	IN/A	IN/A	IWA	IN/A	IN/A	IN/A	INA	IN/A	IN/A	INA	IN/A	IN/A	IN/A	IN/A	IN/A
aidous v	Total existing/planned hazardous waste recovery capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Surplus/deficit capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
-hazardo	pus landfill																				
	Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)		2.437	1.440	0.459	-0.503	-1.447	-2.370	-3.255	-4.097	-4.895	-5.663	-6.395	-7.111	-7.813	-8.498	-9.166	-9.818	-10.467		-11.760
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		2.437	1.416	0.411	-0.579	-1.552	-2.507	-3.427	-4.309	-5.153	-5.969	-6.755	-7.527	-8.286	-9.030	-9.760	-10.474			-12.602
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'MBT'		2.437	1.348	0.268	-0.802	-1.861	-2.908	-3.933	-4.933	-5.908	-6.869	-7.811	-8.746	-9.672	-10.590	-11.500	-12.399			-15.070
	Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'RDF'  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by 'treatment'		2.437 2.437	1.421 1.370	0.420 0.314	-0.564 -0.731	-1.531 -1.763	-2.480 -2.780	-3.393 -3.772	-4.267 -4.735	-5.101 -5.668	-5.908 -6.582	-6.683 -7.475	-7.444 -8.358	-8.191 -9.231	-8.924 -10.094	-9.641 -10.946	-10.343 -11.787			-12.433 -14.285
landfill	Available non-mazardous fandilli capacity assuming all wisvv and Cal recovery by treatment		2.437	1.370	0.314	-0.731	-1./03	-2.700	-3.112	-4.735	-0.000	-0.302	-1.415	-0.330	-9.231	-10.094	-10.946	-11.707	-12.024	-13.430	-14.200
ianuiiii	Available inert landfill capacity		0.000	-0.242	-0.479	-0.711	-0.937	-1.159	-1.372	-1.578	-1.776	-1.966	-2.148	-2.325	-2.497	-2.664	-2.825	-2.982	-3.133	-3.278	-3.419
	Available inert landfill capacity assuming all MSW and C&I recovery by 'Incineration (non-specialist)'		0.000	-0.266	-0.528	-0.787	-1.043	-1.295	-1.545	-1.791	-2.033	-2.273	-2.508	-2.741	-2.970	-3.196	-3.418	-3.638	-3.851	-4.059	-4.261
ardous la																					
	Available hazardous landfill capacity		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
	Note: The model does not contain data for the management of hazardous waste.																		0.000		
																		0.000	0.000		
	ARISINGS AND GROWTH RATES OF MSW, C&I AND HAZARDOUS WASTE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
	Arisings of MSW in baseline year																	2021	2022		
(	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)	3.0%	2.5%	2.5%	2.5%	2.5%	2.5%	2.0%	2.0%	2.0%	2.0%	2.0%	1.5%	1.5%	1.5%	1.5%	1.5%	2021	2022	1.5%	1.5%
(	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)			2.5% 108%		2.5% 114%		2.0%					1.5%		1.5% 135%	1.5% 137%		2021 1.5% 141%	2022 1.5% 143%	1.5%	1.5% 147%
(	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts	3.0% 103%	2.5% 106%	2.5%	2.5% 111%	2.5%	2.5% 117%	2.0%	2.0%	2.0% 124%	2.0%	2.0% 129%	1.5%	1.5% 133%	1.5%	1.5%	1.5% 139%	2021	2022	1.5%	1.5%
(	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional level growth rate of MSW - cumulative (%)	3.0% 103%	2.5% 106%	2.5% 108%	2.5% 111%	2.5% 114%	2.5% 117%	2.0%	2.0%	2.0% 124%	2.0%	2.0% 129%	1.5%	1.5% 133%	1.5% 135%	1.5% 137%	1.5% 139%	2021 1.5% 141%	2022 1.5% 143%	1.5%	1.5% 147%
(	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - prey year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts	3.0% 103% 0.478 3.0%	2.5% 106% 0.490 3.0%	2.5% 108% 0.502 3.0%	2.5% 111% 0.515 2.0%	2.5% 114% 0.528 2.0%	2.5% 117% 0.541 2.0%	2.0% 119% 0.552 2.0%	2.0% 121% 0.563 1.0%	2.0% 124% 0.574 1.0%	2.0% 126% 0.585 1.0%	2.0% 129% 0.597 1.0%	1.5% 131% 0.606 1.0%	1.5% 133% 0.615 1.0%	1.5% 135% 0.624 1.0%	1.5% 137% 0.634 1.0%	1.5% 139% 0.643 1.0%	2021 1.5% 141% 0.653 1.0%	2022 1.5% 143% 0.663 1.0%	1.5% 145% 0.673 1.0%	1.5% 147% 0.683
(	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of CSI in baseline year	3.0% 103% 0.478 3.0% 103% 0.478	2.5% 106% 0.490 3.0% 106% 0.492	2.5% 108% 0.502 3.0% 109% 0.507	2.5% 111% 0.515 2.0% 111% 0.517	2.5% 114% 0.528 2.0% 114% 0.528	2.5% 117% 0.541 2.0% 116% 0.538	2.0% 119% 0.552 2.0% 118% 0.549	2.0% 121% 0.563 1.0% 119% 0.554	2.0% 124% 0.574 1.0% 121% 0.560	2.0% 126% 0.585 1.0% 122% 0.565	2.0% 129% 0.597 1.0% 123% 0.571	1.5% 131% 0.606 1.0% 124% 0.577	1.5% 133% 0.615 1.0% 126% 0.583	1.5% 135% 0.624 1.0% 127% 0.588	1.5% 137% 0.634 1.0% 128% 0.594	1.5% 139% 0.643 1.0% 129% 0.600	2021 1.5% 141% 0.653 1.0% 131% 0.606	2022 1.5% 143% 0.663 1.0% 132% 0.612	1.5% 145% 0.673 1.0% 133% 0.618	1.5% 147% 0.683 1.0% 135% 0.625
(	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - pre year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%)	3.0% 103% 0.478 3.0% 103% 0.478	2.5% 106% 0.490 3.0% 106% 0.492	2.5% 108% 0.502 3.0% 109% 0.507	2.5% 111% 0.515 2.0% 111% 0.517	2.5% 114% 0.528 2.0% 114% 0.528 2.5%	2.5% 117% 0.541 2.0% 116% 0.538	2.0% 119% 0.552 2.0% 118% 0.549	2.0% 121% 0.563 1.0% 119% 0.554	2.0% 124% 0.574 1.0% 121% 0.560	2.0% 126% 0.585 1.0% 122% 0.565	2.0% 129% 0.597 1.0% 123% 0.571	1.5% 131% 0.606 1.0% 124% 0.577	1.5% 133% 0.615 1.0% 126% 0.583	1.5% 135% 0.624 1.0% 127% 0.588	1.5% 137% 0.634 1.0% 128% 0.594	1.5% 139% 0.643 1.0% 129% 0.600	2021 1.5% 141% 0.653 1.0% 131% 0.606	2022 1.5% 143% 0.663 1.0% 132% 0.612	1.5% 145% 0.673 1.0% 133% 0.618	1.5% 147% 0.683 1.0% 135% 0.625
(	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of CAI in baseline year  1) Forecast regional level growth rate of CAI - per year (%)  1) Forecast regional level growth rate of CAI - per year (%)  1) Forecast regional level growth rate of CAI - per year (%)	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109%	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112%	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126%	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128%	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131%	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133%	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135%	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 137%	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139%	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141%	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144%	2021 1.5% 141% 0.653 1.0% 131% 0.606	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148%	1.5% 147% 0.683 1.0% 135% 0.625 1.0%
((	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) ) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts )) Forecast sub-regional growth rate of MSW - per year (%) ) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year  Forecast regional level growth rate of C&I - per year (%) ) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts	3.0% 103% 0.478 3.0% 103% 0.478	2.5% 106% 0.490 3.0% 106% 0.492	2.5% 108% 0.502 3.0% 109% 0.507	2.5% 111% 0.515 2.0% 111% 0.517	2.5% 114% 0.528 2.0% 114% 0.528 2.5%	2.5% 117% 0.541 2.0% 116% 0.538	2.0% 119% 0.552 2.0% 118% 0.549	2.0% 121% 0.563 1.0% 119% 0.554	2.0% 124% 0.574 1.0% 121% 0.560	2.0% 126% 0.585 1.0% 122% 0.565	2.0% 129% 0.597 1.0% 123% 0.571	1.5% 131% 0.606 1.0% 124% 0.577	1.5% 133% 0.615 1.0% 126% 0.583	1.5% 135% 0.624 1.0% 127% 0.588	1.5% 137% 0.634 1.0% 128% 0.594	1.5% 139% 0.643 1.0% 129% 0.600	2021 1.5% 141% 0.653 1.0% 131% 0.606	2022 1.5% 143% 0.663 1.0% 132% 0.612	1.5% 145% 0.673 1.0% 133% 0.618	1.5% 147% 0.683 1.0% 135% 0.625
((	Arisings of MSW in baseline year 1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - surp year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 0.854 1.5%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 1.083	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 1.37% 1.099	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 145% 1.161 0.0%	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196
((	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) ) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts Arisings of C&I in baseline year  1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%)	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 0.854 1.5% 103%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5%	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0%	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5% 109%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006 0.5% 109%	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 110%	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5%	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110%	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 1.083 0.0% 110%	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 137% 1.099 0.0% 110%	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110%	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133 0.0% 110%	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150 0.0%	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 1.45% 1.161 0.0% 110%	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0%	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.0%
()	Arisings of MSW in baseline year 1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - surp year (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional growth forecasts Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - per year (%)	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 0.854 1.5%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 1.083	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 1.37% 1.099	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 145% 1.161 0.0%	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Arisings of MSW in baseline year  ) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in Baseline year  1) Forecast regional level growth rate of C&I - per year (%)  1) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  1) Forecast sub-regional level growth rate of C&I - per year (%)  1) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 0.854 1.5% 103% 0.825	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5%	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0%	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0% 0.854	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 0.863	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108% 0.867	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5% 109% 0.872	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006 0.5% 109% 0.876	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 110% 0.880	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 110% 0.885	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110% 0.885	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 1.35% 1.083 0.0% 110% 0.885	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 1.37% 1.099 0.0% 110% 0.885	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110%	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133 0.0% 110% 0.885	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150 0.0% 110% 0.885	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 1.45% 1.161 0.0% 110%	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0% 1110% 0.885	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.0% 0.885
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Arisings of MSW in baseline year 1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - pre year (%) 1) Forecast sub-regional growth rate of MSW - sumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 17 Cotal arisings of CSI in baseline year 1 Forecast regional level growth rate of CSI - per year (%) 1) Forecast regional level growth rate of CSI - per year (%) 1) Forecast regional level growth rate of CSI - per year (%) 1) Forecast sub-regional growth rate of CSI - per year (%) 1) Forecast sub-regional level growth rate of CSI - per year (%) 1) Forecast sub-regional level growth rate of CSI - per year (%) 1) Forecast sub-regional level growth rate of CSI - per year (%) 1) Forecast sub-regional level growth rate of CSI - cumulative (%) 1 Forecast sub-regional level growth rate of CSI - cumulative (%) 1 Forecast sub-regional level prowth rate of CSI - cumulative (%) 1 Forecast sub-regional level prowth rate of CSI - cumulative (%) 1 Forecast sub-regional growth forecasts	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 0.854 1.5% 103%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 0.838	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0% 0.846	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5% 109%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006 0.5% 109%	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 110%	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5%	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110%	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 1.083 0.0% 110%	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 137% 1.099 0.0% 110%	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110%	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133 0.0% 110%	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150 0.0%	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 145% 1.161 0.0% 110% 0.885	1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1473 110% 0.885	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0%	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.0%
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Arisings of MSW in baseline year 1) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts 1) Forecast sub-regional growth rate of MSW - pre year (%) 1) Forecast sub-regional growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1 Forecast sub-regional level growth rate of MSW - cumulative (%) 1 Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - per year (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1 Forecast sub-regional level growth rate of C&I - cumulative (%) 1 Forecast sub-regional level growth rate of C&I - per year (%) 2 Forecast sub-regional level growth rate of C&I - cumulative (%) 1 Forecast sub-regional level growth rate of RAI - cumulative (%) 2 Forecast sub-regional level growth rate of RAI - cumulative (%) 2 Forecast sub-regional level growth rate of PAI - cumulative (%) 3 Forecast sub-regional level growth rate of PAI - cumulative (%) 4 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level growth rate of PAI - cumulative (%) 5 Forecast sub-regional level	3.0% 103% 0.478 3.0% 103% 103% 0.478 3.3% 107% 0.854 1.5% 103% 0.825	2.5% 106% 0.490 3.0% 0.492 2.5% 109% 0.876 1.5% 0.838	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0% 106% 0.846	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0% 107% 0.854	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108% 0.863	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.6086 0.867	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5% 109% 0.872	2.0% 121% 0.563 1.0% 119% 0.554 126% 126% 0.876 2.0% 126% 0.876 2.0%	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 110% 0.880	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 110% 0.885	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110% 0.885	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 1.083 0.0% 110% 0.885	1.5% 133% 0.615 1.0% 0.583 1.5% 1.5% 1.099 0.0% 110% 0.885	1.5% 135% 0.624 1.0% 0.588 1.5% 1.39% 1.116 0.0% 110% 0.885	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133 0.0% 110% 0.885	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150 0.0% 110% 0.885	1.5% 141% 0.653 1.0% 131% 0.606 1.0% 145% 1.161 0.0% 110% 0.885	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.173 0.0% 1.173 0.0885	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0% 110% 0.885	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.0% 110% 0.885
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional growth rate of MSW - per year (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of CAI in baseline year  1) Forecast regional level growth rate of CAI - per year (%)  1) Forecast regional level growth rate of CAI - cumulative (%)  Total arisings of CAI using regional growth forecasts  1) Forecast sub-regional level growth rate of CAI - cumulative (%)  Total arisings of CAI using growth rate of CAI - cumulative (%)  Total arisings of CAI using sub-regional growth forecasts  Arisings of hazardous waste in baseline year  2) Forecast regional level growth rate of CAI - cumulative (%)  Total arisings of CAI using sub-regional growth forecasts  Arisings of hazardous waste in baseline year  2) Forecast regional level growth rate of hazardous waste - cumulative (%)	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 103% 103% 103% 107% 0.854 107% 0.825	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 0.838	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0% 0.846	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0% 107% 0.854	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108% 0.867	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.558 109% 0.872 2.0% 123% 0.029 0.559	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 1.005 0.5% 0.876 2.0% 1.26% 0.030 0.5%	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030 0.030 0.05%	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 10.885 2.0% 131% 0.885	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110% 0.885	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 1.083 0.0% 110% 0.885	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 137% 1.099 0.0% 110% 0.885	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110% 0.885	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 1.133 0.0% 0.885	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150 0.885	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 1.161 0.0% 1.164 1.0% 1.164 1.0% 1.164	1.5% 143% 0.663 1.0% 132% 0.612 1.0% 1.173 0.0% 1.173 0.885	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0% 110% 0.885	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.0% 110% 0.885
v (()	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year 1) Forecast regional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) Total arisings of C&I using regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts 1) Forecast sub-regional level growth rate of C&I - cumulative (%) Total arisings of C&I using sub-regional growth forecasts Arisings of hazardous waste in baseline year 2) Forecast regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%) Forecast sub-regional level growth rate of hazardous waste - per year (%)	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 0.825 103% 0.825 107% 107% 103%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 0.838 2.5% 109% 0.026 1.5%	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0% 106% 0.846	2.5% 111% 0.515 2.0% 1117 2.5% 0.517 2.5% 0.920 1.0% 0.854 2.5% 0.027 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108% 0.863 2.5% 1.18% 0.028 1.0%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108% 0.867 2.5% 121% 0.029 0.5%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.55% 109% 0.872 2.0% 123% 0.029 0.5%	2.0% 121% 0.563 1.0% 119% 0.554 126% 1.006 0.5% 1.006 0.5% 1.006 0.876 2.0% 1.26% 0.876	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 1.026 0.5% 1.026 0.5% 1.026 0.880 2.0% 1.28% 0.030 0.5% 110%	2.0% 126% 0.585 1.0% 122% 0.565 1.046 1.046 0.5% 1.046 0.5% 1.046 0.885	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110% 0.885	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 1.083 0.0% 110% 0.885 1.5% 0.032 0.0% 110%	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 1.099 0.0% 110% 0.885 1.5% 0.33 0.0% 110%	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110% 0.885	1.5% 137% 0.634 1.0% 128% 0.594 1.133 0.0% 110% 0.885 1.5% 1.41% 0.034 0.034 110%	1.5% 0.643 1.0% 0.600 1.5% 1.150 0.0% 1.150 0.885 1.5% 1.44% 0.034 0.034	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 145% 1.161 0.0% 110% 0.885 1.0%	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0% 110% 0.885 1.0% 0.035 0.0% 110%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 110% 0.885 1.0% 148% 0.035 0.035	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.03% 110% 0.885 1.0% 149% 0.035 0.035
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Arisings of C&I in baseline year  Total arisings of C&I using regional growth rate of C&I - per year (%)  1) Forecast regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using regional growth forecasts  1) Forecast sub-regional level growth rate of C&I - cumulative (%)  Total arisings of C&I using sub-regional growth forecasts  Arisings of hazardous waste in baseline year  2) Forecast regional level growth rate of Arizardous waste - per year (%)  Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  2) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste	3.0% 103% 0.478 3.0% 103% 0.478 3.3% 107% 103% 103% 103% 107% 0.854 107% 0.825	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 105% 0.838	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027 1.0%	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0% 107% 0.854	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108% 0.867	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.558 109% 0.872 2.0% 123% 0.029 0.559	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 1.005 0.5% 0.876 2.0% 1.26% 0.030 0.5%	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 110% 0.880 2.0% 128% 0.030 0.030 0.05%	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 10.885 2.0% 131% 0.885	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.0% 110% 0.885 2.0% 133% 0.032	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 1.083 0.0% 110% 0.885	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 137% 1.099 0.0% 110% 0.885 1.5% 137% 0.033 0.0%	1.5% 135% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110% 0.885 1.5% 139% 0.033	1.5% 137% 0.634 1.0% 128% 0.594 1.5% 141% 0.0% 110% 0.885 1.5% 141% 0.034 0.034	1.5% 139% 0.643 1.0% 129% 0.600 1.5% 144% 1.150 0.0% 110% 0.885	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 145% 1.161 0.0% 0.885	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0% 110% 146% 0.885	1.5% 145% 0.673 1.0% 133% 0.618 1.10% 1.184 0.0% 1.10% 0.885 1.0% 1.0%	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.0% 110% 0.885 1.0% 149% 0.035 0.00%
( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  Total arisings of MSW using regional growth receasts  1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast segional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - per year (%) 1) Forecast sub-regional level growth rate of hazardous waste - per year (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 103% 0.478 103% 103% 103% 107% 0.854 103% 103% 103% 105% 103% 105% 103% 105% 103% 105% 105% 105% 105% 105% 105% 105% 105	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 0.838 2.5% 109% 0.025	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.846 0.846 2.5% 112% 0.027 1.0% 106% 0.025	2.5% 111% 0.515 2.0% 1111% 0.517 2.5% 115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 0.863 2.5% 118% 0.028 1.0% 108% 0.026	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108% 0.867 2.5% 121% 0.026	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.986 0.872 2.0% 123% 0.987 2.0% 109% 0.90 123% 0.90 123% 0.90 123%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006 0.556 109% 0.876 2.0% 126% 0.876 0.876	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 1.006 0.880 2.0% 128% 0.030 0.5% 110% 0.056	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 110% 0.885 2.0% 131% 0.036 110% 0.026	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.085 110% 0.885 2.0% 133% 0.032 0.0% 110% 0.026	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 1.083 0.0% 110% 0.885 1.5% 0.032 0.0% 110% 0.026	1.5% 1.33% 0.615 1.0% 126% 0.583 1.5% 1.37% 1.099 0.0% 110% 0.885 1.5% 1.5% 1.5% 1.5% 1.00% 1.00% 1.00% 1.00% 1.00%	1.5% 1.35% 0.624 1.0% 127% 0.588 1.5% 1.39% 1.116 0.0% 1.10% 0.885 1.5% 1.39% 0.033 0.0% 1.0%	1.5% 137% 0.634 1.0% 128% 0.594 1.15% 141% 1.133 0.0% 110% 0.885 1.5% 141% 0.034 1.00% 1.00% 1.00%	1.5% 139% 0.643 1.0% 1.29% 0.600 1.5% 144% 1.150 0.0% 10% 0.885 1.5% 144% 0.03% 110% 0.03%	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 1.161 0.0% 1.15% 1.0% 145% 0.034 0.0% 110% 0.026	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0% 110% 0.885	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0% 110% 0.885	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.036 110% 0.885 0.036 149% 0.035 0.006
() () () () () () () () () () () () () (	Arisings of MSW in baseline year  1) Forecast regional level growth rate of MSW - per year (%)  1) Forecast regional level growth rate of MSW - cumulative (%)  Total arisings of MSW using regional growth forecasts  1) Forecast sub-regional growth rate of MSW - per year (%)  1) Forecast sub-regional growth rate of MSW - w. cumulative (%)  Total arisings of MSW using sub-regional growth forecasts  Arisings of C&I in baseline year  Arisings of C&I is the sub-regional growth forecasts  Arisings of C&I using regional growth rate of CAI - per year (%)  1) Forecast regional level growth rate of CAI - cumulative (%)  Total arisings of C&I using growth rate of CAI - per year (%)  1) Forecast sub-regional level growth rate of CAI - cumulative (%)  Total arisings of CAI using sub-regional growth forecasts  Arisings of hazardous waste in baseline year  2) Forecast regional level growth rate of the arisings of CAI using sub-regional growth forecasts  Arisings of hazardous waste or baseline year  2) Forecast regional level growth rate of hazardous waste - per year (%)  Forecast regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste  2) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)  Total arisings of hazardous waste	3.0% 103% 0.478 3.0% 103% 0.478 103% 0.854 1.5% 103% 0.825 3.3% 107% 0.025 1.5% 103%	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 105% 0.838 2.5% 109% 0.026 1.5% 0.025	2.5% 108% 0.502 3.0% 0.507 2.5% 112% 0.897 1.0% 106% 0.846 2.5% 112% 0.027 1.0%	2.5% 111% 0.515 2.0% 111% 0.517 2.5% 115% 0.920 1.0% 107% 0.854 115% 0.027 1.00% 0.027	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 108% 0.863 2.5% 118% 0.028 1.0%	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.658 108% 0.86 121% 0.029 0.5%	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.5% 109% 0.872 2.0% 123% 0.096 0.986 0.096 0.009 0.000 0.00	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006 0.5% 109% 0.876 0.030 0.5% 0.030 0.5%	2.0% 124% 0.574 1.0% 1.21% 0.560 2.0% 128% 1.026 0.5% 110% 0.880 0.030 0.5% 1.030 0.5% 1.04 1.050 1.05	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 110% 0.885 2.0% 131% 1.046 0.31 0.31 0.031	2.0% 129% 0.597 1.0% 1.23% 0.571 2.0% 133% 1.067 0.0% 110% 0.885 2.0% 133% 0.032 0.0% 110%	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 135% 110% 0.885 1.5% 0.032 0.0% 110% 0.032	1.5% 133% 0.615 1.0% 126% 0.583 1.5% 137% 1.099 0.0% 110% 0.885 1.5% 1.5% 1.5% 0.033 0.0% 110% 0.026	1.5% 1.35% 0.624 1.0% 127% 0.588 1.5% 139% 1.116 0.0% 110% 0.885 1.5% 1.39% 0.033 0.00% 110% 0.026	1.5% 137% 0.634 1.0% 128% 0.594 1.15% 141% 1.133 0.0% 110% 0.885 141% 0.034 0.004 0.026	1.5% 139% 0.643 1.0% 0.600 1.5% 144% 0.086 110% 0.885 1.5% 144% 0.034 0.004 0.005 0.0026	2021  1.5% 141% 0.653 1.0% 131% 0.606 1.0% 1.161 0.0% 1.161 0.0885 1.0% 1.090 1.0% 0.034 0.096 0.026	2022 1.5% 143% 0.683 1.0% 132% 146% 1.173 0.0% 110% 146% 0.885 1.0% 146% 0.035 0.0% 100%	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0% 1.0% 1.0% 1.0% 0.885 0.0% 1.0%	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 1.196 0.0% 1.196 0.085 1.0% 0.035 0.035 0.035 0.026
() () () () () () () () () () () () () (	Arisings of MSW in baseline year ) Forecast regional level growth rate of MSW - per year (%) 1) Forecast regional level growth rate of MSW - cumulative (%) Total arisings of MSW using regional growth forecasts  Total arisings of MSW using regional growth receasts  1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast segional level growth rate of C&I - per year (%) 1) Forecast regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of C&I - cumulative (%) 1) Forecast sub-regional level growth rate of MSW - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - per year (%) 1) Forecast sub-regional level growth rate of hazardous waste - per year (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%) 1) Forecast sub-regional level growth rate of hazardous waste - cumulative (%)	3.0% 103% 0.478 103% 103% 103% 107% 0.854 103% 103% 103% 105% 103% 105% 103% 105% 103% 105% 105% 105% 105% 105% 105% 105% 105	2.5% 106% 0.490 3.0% 106% 0.492 2.5% 109% 0.876 1.5% 0.838 2.5% 109% 0.025	2.5% 108% 0.502 3.0% 109% 0.507 2.5% 112% 0.846 0.846 2.5% 112% 0.027 1.0% 106% 0.025	2.5% 111% 0.515 2.0% 1111% 0.517 2.5% 115% 0.920 1.0% 107% 0.854 2.5% 115% 0.027 1.0%	2.5% 114% 0.528 2.0% 114% 0.528 2.5% 118% 0.943 1.0% 0.863 2.5% 118% 0.028 1.0% 108% 0.026	2.5% 117% 0.541 2.0% 116% 0.538 2.5% 121% 0.966 0.5% 108% 0.867 2.5% 121% 0.026	2.0% 119% 0.552 2.0% 118% 0.549 2.0% 123% 0.986 0.986 0.872 2.0% 123% 0.987 2.0% 109% 0.90 123% 0.90 123% 0.90 123%	2.0% 121% 0.563 1.0% 119% 0.554 2.0% 126% 1.006 0.556 109% 0.876 2.0% 126% 0.876 0.876	2.0% 124% 0.574 1.0% 121% 0.560 2.0% 128% 1.026 0.5% 1.006 0.880 2.0% 128% 0.030 0.5% 110% 0.026	2.0% 126% 0.585 1.0% 122% 0.565 2.0% 131% 1.046 0.5% 110% 0.885 2.0% 131% 0.036 110% 0.026	2.0% 129% 0.597 1.0% 123% 0.571 2.0% 133% 1.067 0.085 110% 0.885 2.0% 133% 0.032 0.0% 110% 0.026	1.5% 131% 0.606 1.0% 124% 0.577 1.5% 1.083 0.0% 110% 0.885 1.5% 0.032 0.0% 110% 0.026	1.5% 1.33% 0.615 1.0% 126% 0.583 1.5% 1.37% 1.099 0.0% 110% 0.885 1.5% 1.5% 1.5% 1.5% 1.00% 1.00% 1.00% 1.00% 1.00%	1.5% 1.35% 0.624 1.0% 127% 0.588 1.5% 1.39% 1.116 0.0% 1.10% 0.885 1.5% 1.39% 0.033 0.0% 1.0%	1.5% 137% 0.634 1.0% 128% 0.594 1.15% 141% 1.133 0.0% 110% 0.885 1.5% 141% 0.034 1.00% 1.00% 1.00%	1.5% 139% 0.643 1.0% 1.29% 0.600 1.5% 144% 1.150 0.0% 10% 0.885 1.5% 144% 0.03% 110% 0.03%	2021 1.5% 141% 0.653 1.0% 131% 0.606 1.0% 1.161 0.0% 1.15% 1.0% 145% 0.034 0.0% 110% 0.026	2022 1.5% 143% 0.663 1.0% 132% 0.612 1.0% 146% 1.173 0.0% 110% 0.885	1.5% 145% 0.673 1.0% 133% 0.618 1.0% 148% 1.184 0.0% 110% 0.885	1.5% 147% 0.683 1.0% 135% 0.625 1.0% 149% 1.196 0.036 110% 0.885 0.036 149% 0.035 0.006

<sup>(1)</sup> Figures from SEERA updated waste capacity model by ERM in 2005.

<sup>(</sup>i) Figures from SEERA updated waste capacity mode by EMM in 2005.

[2] Baseline year of hazardous waste anisings is 2003 from EA Hazardous Waste Interrogator. www.environment-agency.gov.uk/apps/wastesurvey2/. ERM has assumed that growth in hazardous waste is equal to C&I waste.

[3) These data represent managed C&D waste in the sub-region, including all intra-regional and inter-regional movements. Growth is assumed to be zero from the original MEL study and updated modeted by ERM in 2005.

NOTE: C&D waste in on thoulded in arisings because this was taken from survey data by Symonds 2001 which gave values for managed C&D waste.

Figure in blue represent data supplied by each sub-region for the new '2006 SEERA Capacity and Need Model'
Figures in orange represent managed waste that are used by the model to calculate results. These can be adjusted for different scenarios.

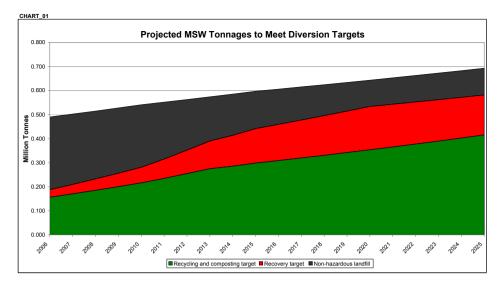
DATA_02: INTER REGIONAL MOVEMENTS OF	MSW and C&I (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw and c&i Regional level imports of MSW and	C&I waste into the SE region from London	1.76	1.716	1.672	1.628	1.584	1.54	1.454	1.368	1.282	1.196	1.11	1.064	1.018	0.972	0.926	0.88	0.86	0.84	0.82	0.8	0.78
Proportion of regional MSW and C	kl imports that go to the sub-region (%)	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%	10.1%
(1) Total imports of MSW and C&I from	London into sub-region sent direct to landfill	0.178	0.173	0.169	0.164	0.160	0.156	0.147	0.138	0.129	0.121	0.112	0.107	0.103	0.098	0.094	0.089	0.087	0.085	0.083	0.081	0.079
msw Proportion of total MSW and C&I in	ports that are MSW (%) - REGIONAL GROWTH FORECAST	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%	36%
	region from London - REGIONAL GROWTH FORECAST	0.064	0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.035	0.034	0.032	0.031	0.031	0.030	0.029	0.029
Proportion of total MSW and C&I in	ports that are MSW (%) - SUB-REGIONAL GROWTH FORECAST	37%	37%	37%	38%	38%	38%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	41%	41%	41%	41%	42%
Total imports of MSW into the sub-	region from London - SUB-REGIONAL GROWTH FORECAST	0.065	0.064	0.063	0.062	0.061	0.060	0.057	0.054	0.050	0.047	0.044	0.042	0.041	0.039	0.038	0.036	0.035	0.035	0.034	0.033	0.033
c&i Proportion of total MSW and C&I in	ports that are C&I (%) - REGIONAL GROWTH FORECAST	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%	64%
Total imports of C&I into the sub-re	gion from London - REGIONAL GROWTH FORECAST	0.114	0.111	0.108	0.105	0.103	0.100	0.094	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051	0.050
Proportion of total MSW and C&I in	ports that are C&I (%) - SUB-REGIONAL GROWTH FORECAST	63%	63%	63%	62%	62%	62%	61%	61%	61%	61%	61%	61%	60%	60%	60%	60%	59%	59%	59%	59%	58%
Total imports of C&I into the sub-re	gion from London - SUB-REGIONAL GROWTH FORECAST	0.113	0.109	0.106	0.102	0.099	0.096	0.090	0.085	0.079	0.074	0.068	0.065	0.062	0.059	0.056	0.053	0.052	0.050	0.049	0.047	0.046

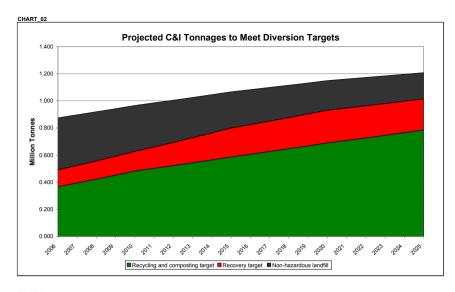
(1) Intra-regional and inter-regional movements have been excluded for MSW and C&I waste due to self-sufficiency requirements under PPS10, except for inter-regional movements from London into the sub-region. Apportionment from Policy W3 in the Plan – downloa Note: Only a figure is available for total combined imports of MSW and C&I waste. ERM has assumed that imports of the seperate waste streams of MSW and C&I was split according to tonnage arisings of MSW and C&I in the sub-region.

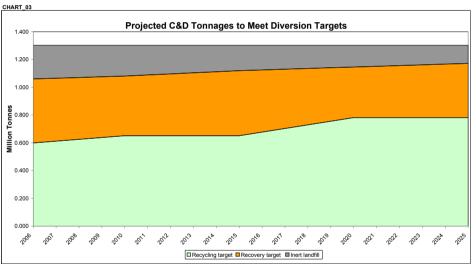
DATA_03:	MANAGED WASTE USED TO GENERATE RESULTS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw		0.478	0.490	0.502	0.515	0.528	0.541	0.552	0.563	0.574	0.585	0.597	0.606	0.615	0.624	0.634	0.643	0.653	0.663	0.673	0.683	0.693
msw - impo	rts from london that are sent direct to non-hazardous landfill	0.064	0.062	0.061	0.059	0.057	0.056	0.053	0.050	0.046	0.043	0.040	0.039	0.037	0.035	0.034	0.032	0.031	0.031	0.030	0.029	0.029
c&i		0.854	0.876	0.897	0.920	0.943	0.966	0.986	1.006	1.026	1.046	1.067	1.083	1.099	1.116	1.133	1.150	1.161	1.173	1.184	1.196	1.208
c&I - import	s from london that are sent direct to non-hazardous landfill	0.114	0.111	0.108	0.105	0.103	0.100	0.094	0.089	0.083	0.077	0.072	0.069	0.066	0.063	0.060	0.057	0.056	0.054	0.053	0.051	0.050
c&d		1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302	1.302
hazardous		0.025	0.026	0.027	0.027	0.028	0.029	0.029	0.030	0.030	0.031	0.032	0.032	0.033	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036
DATA 04:	TARGETS (% or Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	(1) landfill (Mt)	0.266	0.257	0.244	0.227	0.205	0.180	0.160	0.140	0.120	0.115	0.109	0.104	0.099	0.094	0.089	0.084	0.084	0.084	0.084	0.084	0.084
	recovered (%)	5	6.4	7.8	9.2	10.6	12	14.4	16.8	19.2	21.6	24	24.8	25.6	26.4	27.2	28	27.2	26.4	25.6	24.8	24
	recycled and composted (%)	30	32.0	34.0	36.0	38.0	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60
c&i	recovered (%)	14	14.2	14.4	14.6	14.8	15	16.0	17.0	18.0	19.0	20	20.2	20.4	20.6	20.8	21	20.6	20.2	19.8	19.4	19
	recycled and composted (%)	40	42.0	44.0	46.0	48.0	50	51.0	52.0	53.0	54.0	55	56.0	57.0	58.0	59.0	60	61.0	62.0	63.0	64.0	65
c&d	recovered (%)	36	35.4	34.8	34.2	33.6	33	33.6	34.2	34.8	35.4	36	34.4	32.8	31.2	29.6	28	28.4	28.8	29.2	29.6	30
	recycled (%)	45	46.0	47.0	48.0	49.0	50	50.0	50.0	50.0	50.0	50	52.0	54.0	56.0	58.0	60	60.0	60.0	60.0	60.0	60
hazardous	landfill (%)	N/A																				
	recovered (%)	N/A																				
	recycled (%)	N/A																				
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025

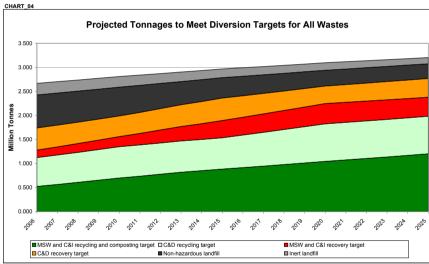
	(1) ERM has assumed that the LATS target allowance remains constant at the 2020 value for the years beyond 2020																					
DATA_05:	WASTE STREAM TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	This first section of DATA_03 calculates if there is a LATS shortfall or suplus in each year. If there is a LATS shortfall (ie insufficient allowance to landfill non-diverted waste) then the model assumes that this extra waste is recycled/composted and r																					
msw	Total MSW to be recovered and recycled/composted to meet target Total MSW not-diverted by targets Percentage of MSW that is blodegradable (% by weight) Total BMW not-diverted by targets LATS shortfall (now much extra is landfilled above LATS target) Ratio of 'recovered' to 'recycled/composted' for target (%) Extra MSW 'recovery' needed due to LATS shortfall Extra MSW 'recovery' needed due to LATS shortfall The section below in DATA 03 shows the tonnages by waste to meet targets.	2005 0.167 0.311 68 0.211 -0.054 14% 0.000 0.000	2006 0.188 0.302 68 0.205 -0.052 17% 0.000 0.000	2007 0.210 0.292 68 0.199 -0.045 19% 0.000 0.000	2008 0.233 0.282 68 0.192 -0.035 20% 0.000 0.000	2009 0.256 0.271 68 0.184 -0.021 22% 0.000 0.000	2010 0.281 0.260 68 0.176 -0.003 23% 0.000 0.000	2011 0.311 0.240 68 0.164 0.004 26% 0.001 0.003	2012 0.342 0.221 68 0.150 0.010 28% 0.003 0.007	2013 0.374 0.200 68 0.136 0.016 29% 0.005 0.011	2014 0.407 0.178 68 0.121 0.006 31% 0.002 0.004	2015 0.442 0.155 68 0.106 -0.004 32% 0.000 0.000	2016 0.459 0.147 68 0.100 -0.005 33% 0.000 0.000	2017 0.477 0.138 68 0.094 -0.005 33% 0.000 0.000	2018 0.496 0.129 68 0.087 -0.007 33% 0.000 0.000	2019 0.515 0.119 68 0.081 -0.008 33% 0.000 0.000	2020 0.534 0.109 68 0.074 -0.009 34% 0.000 0.000	2021 0.543 0.110 68 0.075 -0.009 33% 0.000 0.000	2022 0.553 0.110 68 0.075 -0.009 32% 0.000 0.000	2023 0.562 0.110 68 0.075 -0.009 31% 0.000 0.000	2024 0.572 0.111 68 0.075 -0.009 30% 0.000 0.000	2025 0.582 0.111 68 0.075 -0.008 29% 0.000 0.000
	The section below in DATA_03 shows the tollinges by waste to meet targets.	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
msw	Recycling and composting target Recovery target Non-hazardous landfill CHECK COUNTER (should be zero)	0.143 0.024 0.311 0.000	0.157 0.031 0.302 0.000	0.171 0.039 0.292 0.000	0.185 0.047 0.282 0.000	0.200 0.056 0.271 0.000	0.216 0.065 0.260 0.000	0.235 0.080 0.237 0.000	0.255 0.097 0.210 0.000	0.275 0.115 0.184 0.000	0.285 0.128 0.171 0.000	0.299 0.143 0.155 0.000	0.309 0.150 0.147 0.000	0.320 0.157 0.138 0.000	0.331 0.165 0.129 0.000	0.342 0.172 0.119 0.000	0.354 0.180 0.109 0.000	0.366 0.178 0.110 0.000	0.378 0.175 0.110 0.000	0.390 0.172 0.110 0.000	0.403 0.169 0.111 0.000	0.416 0.166 0.111 0.000
		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&i	Recycling and composting target Recovery target Non-hazardous landfill CHECK COUNTER (should be zero)	0.342 0.120 0.393 0.000	0.368 0.124 0.384 0.000	0.395 0.129 0.373 0.000	0.423 0.134 0.362 0.000	0.453 0.140 0.351 0.000	0.483 0.145 0.338 0.000	0.503 0.158 0.325 0.000	0.523 0.171 0.312 0.000	0.544 0.185 0.297 0.000	0.565 0.199 0.282 0.000	0.587 0.213 0.267 0.000	0.607 0.219 0.258 0.000	0.627 0.224 0.248 0.000	0.647 0.230 0.239 0.000	0.668 0.236 0.229 0.000	0.690 0.241 0.218 0.000	0.708 0.239 0.214 0.000	0.727 0.237 0.209 0.000	0.746 0.235 0.204 0.000	0.766 0.232 0.199 0.000	0.785 0.230 0.193 0.000
	The after hand	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
c&d	Recycling target Recovery target Inert landfill CHECK COUNTER (should be zero)	0.586 0.469 0.247 0.000	0.599 0.461 0.242 0.000	0.612 0.453 0.237 0.000	0.625 0.445 0.232 0.000	0.638 0.437 0.227 0.000	0.651 0.430 0.221 0.000	0.651 0.437 0.214 0.000	0.651 0.445 0.206 0.000	0.651 0.453 0.198 0.000	0.651 0.461 0.190 0.000	0.651 0.469 0.182 0.000	0.677 0.448 0.177 0.000	0.703 0.427 0.172 0.000	0.729 0.406 0.167 0.000	0.755 0.385 0.161 0.000	0.781 0.365 0.156 0.000	0.781 0.370 0.151 0.000	0.781 0.375 0.146 0.000	0.781 0.380 0.141 0.000	0.781 0.385 0.135 0.000	0.781 0.391 0.130 0.000
hazardous	Hazardous waste	2005 0.025	2006 0.026	2007 0.027	2008 0.027	2009 0.028	2010 0.029	2011 0.029	0.030	2013	2014 0.031	2015	2016 0.032	2017 0.033	2018 0.033	2019 0.034	2020 0.034	0.034	0.035	2023 0.035	2024 0.035	2025 0.036
	TOTAL WASTE TONNAGES TO MEET TARGETS (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	MSW and C&I recycling and composting target C&D recycling target C&D recycling target C&D recovery target C&D recovery target C&D recovery target India re	0.485 0.586 0.143 0.469 0.704 0.247 0.025	0.525 0.599 0.156 0.461 0.685 0.242 0.026	0.566 0.612 0.168 0.453 0.666 0.237 0.027	0.608 0.625 0.182 0.445 0.644 0.232 0.027	0.653 0.638 0.195 0.437 0.622 0.227 0.028	0.700 0.651 0.210 0.430 0.598 0.221 0.029	0.737 0.651 0.238 0.437 0.562 0.214 0.029	0.778 0.651 0.268 0.445 0.522 0.206 0.030	0.819 0.651 0.300 0.453 0.481 0.198 0.030	0.850 0.651 0.327 0.461 0.454 0.190 0.031	0.885 0.651 0.357 0.469 0.422 0.182 0.032	0.916 0.677 0.369 0.448 0.404 0.177 0.032	0.946 0.703 0.382 0.427 0.386 0.172 0.033	0.978 0.729 0.395 0.406 0.367 0.167 0.033	1.010 0.755 0.408 0.385 0.348 0.161 0.034	1.043 0.781 0.421 0.365 0.328 0.156 0.034	1.074 0.781 0.417 0.370 0.323 0.151 0.034	1.105 0.781 0.412 0.375 0.319 0.146 0.035	1.136 0.781 0.407 0.380 0.314 0.141 0.035	1.168 0.781 0.401 0.385 0.309 0.135 0.035	1.201 0.781 0.396 0.391 0.304 0.130 0.036

## **West Sussex**

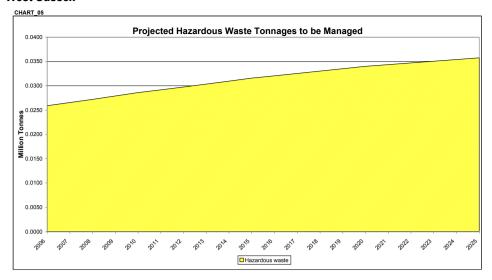








## **West Sussex**



#### DATA\_07: EXISTING/PLANNED CAPACITY FOR RECYCLING, RECOVERY AND LANDFILLING AND TOTAL WASTE TONNAGES TO EACH DISPOSAL ROUTE (Million Tonnes)

Marine Col-Information Col-I	* · · · · · · · · · · · · · · · · · · ·	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Part   Column   Col	MSW and C&I recovery																					
Total solving summary MSW and CAI recovery capacity   0.541	MSW and C&I incineration (non-specialist)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Column regular to meet targed 1 more t	MSW and C&I treatment	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341
Colspan   Cols	Total existing/planned MSW and C&I recovery capacity	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341	0.341
Second column   Second colum	Total MSW waste required to meet target	0.024	0.031	0.039	0.047	0.056	0.065	0.080	0.097	0.115	0.128	0.143	0.150	0.157	0.165	0.172	0.180	0.178	0.175	0.172	0.169	0.166
May and C4 recogning and composents  With Ward A2 frequency of the composents with Ward A2 frequency (19 may 10 ma	Total C&I waste required to meet target	0.120	0.124	0.129	0.134	0.140	0.145	0.158	0.171	0.185	0.199	0.213	0.219	0.224	0.230	0.236	0.241	0.239	0.237	0.235	0.232	0.230
May and Ck1 responding   1,000   1,0	Surplus/deficit capacity	0.198	0.186	0.173	0.160	0.146	0.132	0.103	0.073	0.042	0.014	-0.015	-0.028	-0.040	-0.053	-0.066	-0.080	-0.075	-0.070	-0.065	-0.060	-0.054
Most Cold Institution (Most and Cold Institution	MSW and C&I recycling and composting																					
Total caling planem MSW and CSA comparising pages/ly libasorine. 20% of transfer capacity planemine 20% of transfer cap	MSW and C&I recycling	0.000	0.000	0.000				0.000				0.000			0.000			0.000	0.000	0.000		
Total existing plasmers (MSM and CAS recogning and composing and geomatory (generative). Prior of transfer capacity (ferrinary). Prior of transfer capacity. Prior of transf	MSW and C&I transfer	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942
Part   Column   Col	Total existing/planned MSW and C&I composting capacity	0.033			0.033				0.033	0.033				0.033				0.033				
Total KNW waster required to meet encycling and composing larged:  1 0 143			0.221	0.221	0.221			0.221	0.221	0.221		0.221		0.221			0.221	0.221		0.221		
Column   C	(2) Total existing/planned MSW and C&I recycling and composting capacity (Sensitivity: 5% of transfer capacity delivers recycling)	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
Supplicate (Enterprise)   4,045   4,	Total MSW waste required to meet recycling and composting target	0.143	0.157	0.171		0.200		0.235		0.275		0.299			0.331			0.366	0.378	0.390	0.403	
Suphashedictic appacity (Semilary): 5% of transfer (capacity) delivers recycling): 7 cols and 1 col	Total C&I waste required to meet recycling and composting target	0.342	0.368	0.395	0.423		0.483	0.503			0.565	0.587			0.647	0.668	0.690	0.708	0.727	0.746	0.766	
Concession   Con	Surplus/deficit capacity (Baseline: 20% of transfer capacity delivers recycling)	-0.264	-0.303	-0.344	-0.387		-0.478	-0.516	-0.556	-0.598		-0.664		-0.725	-0.757	-0.789	-0.822	-0.852	-0.883	-0.915	-0.947	-0.980
O   O   O   O   O   O   O   O   O   O	Surplus/deficit capacity (Sensitivity: 5% of transfer capacity delivers recycling)	-0.405	-0.444	-0.486	-0.528	-0.573	-0.619	-0.657	-0.698	-0.739	-0.770	-0.805	-0.835	-0.866	-0.898	-0.930	-0.963	-0.994	-1.025	-1.056	-1.088	-1.121
Total state required to meter CAD recovery capacity control target (apacity control target) (apacity capacity control target) (apacity capacity control target) (apacity capacity control target) (apacity capacity capacity control target) (apacity capacity control target) (apacity capacity ca																						
Supplished in Capacity   Capaci																						
Ca Decovery    Ca Decovery   C	Total waste required to meet C&D recycling target	0.586	0.599	0.612			0.651	0.651	0.651	0.651	0.651	0.651	0.677	0.703	0.729		0.781	0.781	0.781	0.781	0.781	
FECIONAL total existing/planned C&D recovery capacity   1.877   1.776   1.770   1.627   1.784   1.480   1.439   1.418   1.398   1.327   1.356   1.325   1.293   1.226   1.231   1.199   1.220   1.241   1.262   1.283   1.304   1.30	Surplus/deficit capacity	-0.586	-0.599	-0.612	-0.625	-0.638	-0.651	-0.651	-0.651	-0.651	-0.651	-0.651	-0.677	-0.703	-0.729	-0.755	-0.781	-0.781	-0.781	-0.781	-0.781	-0.781
Sub-regional total waste required to meet C&D' recovery target   0.469																						
Supplication of Capacity   1.69   1.33   1.25   1.182   1.108   1.09   0.000																						
Hazardous waste recycling capacity Total existing/planned hazardous waste recycling capacity Total paramotous waste recycling capacity Total paramotous waste to be recycled NA N	Sub-regional total waste required to meet C&D recovery target	0.469	0.461	0.453	0.445	0.437	0.430	0.437	0.445	0.453	0.461	0.469	0.448	0.427	0.406	0.385	0.365	0.370	0.375	0.380	0.385	0.391
Total existing/planned hazardous waste recycled    N/A   N/A		1.409	1.333	1.257	1.182	1.106	1.030	1.002	0.973	0.944	0.916	0.887	0.877	0.866	0.856	0.845	0.835	0.850	0.866	0.882	0.897	0.913
Total hazardous waste recovery    N/A   N/																						
Supplic definit capacity   Supplic definit capacity waster recovery (apacity   Collaborating planed hazardous waster recovery capacity   Collaborating planed waster recovery   Collaborating planed waster																						
Hazardous waste recovery capacity  Total existing/planned bazardous waste recovery capacity  N/A																						
Total hazardous waste recovery capacity 10.000 0		N/A																				
Total hazardous waste to be recovered  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/																						
Supplicy/deficit capacity																						
Non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)																						
Available non-hazardous landfill capacity (excluding residues from MSW and C&I recovery)  Available non-hazardous landfill capacity assuming all MSW and C&I recovery by (incineration (non-specialisty)  2.437		N/A																				
Available non-hazardous landfill capacity assuming all MSW and CAI recovery by Indirection (non-specialisty)  Available non-hazardous sauming all MSW and CAI recovery by MBT  2.437  1.416  2.437  2.447  2.448  2.438  2.447  2.448  2.438  2.447  2.448  2.438  2.447  2.448  2.																						
Available non-hazardous landfill capacity assuming all MSW and CAI recovery by MBT'  Available non-hazardous sauming all MSW and CAI recovery by TRDF'  2.437 1, 421 0, 420 0, 42																						
Available non-hazardous landfill capacity assuming all MSW and C&l recovery by ToPF Available non-hazardous landfill capacity sasuming all MSW and C&l recovery by 'treatment'  2.437 1.370 0.685 0.686 0.684 0.682 0.685 0.686 0.684 0.682 0.685 0.686 0.684 0.682 0.685 0.686 0.684 0.682 0.686 0.686 0.684 0.682 0.686 0.684 0.682 0.686 0.68																						
Available non-hazardous landfill capacity sasuming all MSW and C&I recovery by Treatment*    2437   1370   0.134   0.731   -1.763   0.730   0.731   -1.763   0.780   0.782   0.782   0.782   0.782   0.888   0.882   -7.475   -8.358   0.923   -1.0.04   -10.946   -11.787   -12.624   -13.456   -15.109   -1.000   -																						
Total MSW and C& Waste sent direct to non-hazardous landfill																						
Interlandfill																						
Available inert landfill capacity Availa			0.685	0.666	0.644	0.622	0.598	0.562	0.522	0.481	0.454	0.422	0.404	0.386	0.367	0.348	0.328	0.323	0.319	0.314	0.309	0.304
Available inert landfill capacity assuming all MSW and C&l recovery by 'incineration (non-specialisty'   0,000   0,266   0,528   0,787   1,043   1,295   1,545   1,791   2,033   2,273   2,508   2,741   2,970   3,196   3,418   3,638   3,851   4,059   4,261   4,456   1,465																						
Total C&D waste sent direct to inert landfill    D247   D242   D237   D232   D227   D214   D206   D198   D190   D182   D177   D172   D167   D161   D156   D151   D146   D141   D135   D130																						
Hazardous landfill																						
Available hazardous landfill capacity  Available hazardous landfill capacity  N/A		0.247	0.242	0.237	0.232	0.227	0.221	0.214	0.206	0.198	0.190	0.182	0.177	0.172	0.167	0.161	0.156	0.151	0.146	0.141	0.135	0.130
Total hazardous waste sent direct to hazardous landfill  NA N/A N/A N/A N/A N/A N/A N/A N/A N/A N		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other         0.413 <th< th=""><th></th><th>0.000</th><th>0.000</th><th>0.000</th><th>0.000</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		0.000	0.000	0.000	0.000																	
MetalEU facility 0.413 0																						
Ignored 0.150 0.15	Total hazardous waste sent direct to hazardous landfill	N	/A N	/A N	/A N	A N	A N	A N	/A N/	A N	I/A N	A N	/A N	/A N	A N	/A N	/A N	/A N	/A N	I/A N	I/A N	I/A
	Total hazardous waste sent direct to hazardous landfill Other																					
UUUU UUUU UUUU UUUU UUUU UUUU UUUU UUUU UUUU	Total hazardous waste sent direct to hazardous landfill  Other  Metal/ELV facility	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
	Total hazardous waste sent direct to hazardous landfill  Other  Metal/ELV facility Ignored	0.413 0.150																				

<sup>(1)</sup> ERM has assumed that 20% of the total 'transfer' capacity will deliver recycling capacity

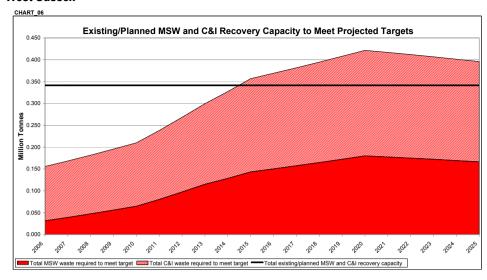
<sup>(2)</sup> ERM has assumed that 50 th for the total transfer capacity will deliver recycling capacity (2) ERM has assumed that 50 th for the total transfer capacity eliver recycling capacity (3) Data for C&D recovery for landfill cover for the SE Region were sourced from the original MEL model, which sourced the data from Symonds (2001)

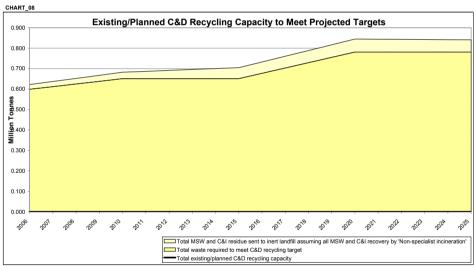
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calculations because these are not relevant to the management of MSW, C&I and C&D. These data are included for the purposes of completeness.

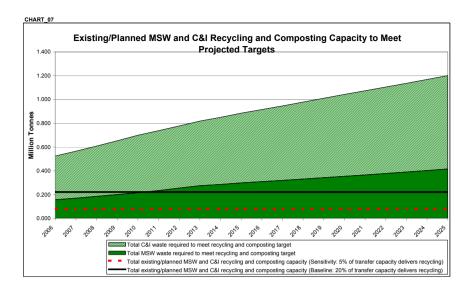
Total hazardous waste recycling and recovery residue sent to hazardous landfill

ATA_08: RESIDUE RATES (%)  Recovery residues (% by weight)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2
MSW and C&I incineration (non-specialist) - bottom ash	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	—
MSW and C&I incineration (non-specialist) - fly ash	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
MSW and C&I to MBT	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	
MSW and C&I to RDF	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
MSW and C&I treatment - non-hazardous	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	
MSW and C&I treatment - hazardous	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Hazardous waste recovery	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Recycling residues (% by weight)  MSW and C&I recycling	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
(2) MSW and C&I transfer	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
MSW and C&I composting	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	
C&D recycling	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Hazardous waste recycling	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Other																					
Metal/ELV facility	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Ignored	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Closed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Note: The capacity model developed by ERM for this study does not include the capacity provided in the 'Others' group in its calc	ulations beca	ause these a	re not relev	ant to the m	nanagement	of MSW, C	&I and C&D.	These dat	ta are includ	led for the p	urposes of o	completene	SS.								
A_09: TOTAL RESIDUE (Million Tonnes)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Recovery residues (of waste managed):  MCW and CR inciparation (and appointing to better ast)	0.043	0.047	0.051	0.054	0.059	0.063	0.071	0.080	0.090	0.098	0.107	0.111	0.115	0.118	0.122	0.126	0.125	0.124	0.122	0.120	
MSW and C&I incineration (non-specialist) - bottom ash MSW and C&I incineration (non-specialist) - fly ash	0.043	0.047	0.051	0.054	0.059	0.063	0.071	0.080	0.090	0.098	0.107	0.111	0.115	0.118	0.122	0.126	0.125	0.124	0.122	0.120	
MSW and C&I incineration (non-specialist) - fly ash MSW and C&I to MBT	0.004	0.005	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.011	0.012	0.012	0.013	0.013	0.012	0.012	0.012	
MSW and C&I to RDF	0.003	0.032	0.039	0.022	0.023	0.025	0.029	0.138	0.036	0.193	0.210	0.218	0.225	0.233	0.049	0.249	0.050	0.049	0.049	0.237	
MSW and C&I treatment - non-hazardous	0.017	0.019	0.020	0.022	0.023	0.023	0.029	0.032	0.030	0.039	0.161	0.166	0.040	0.178	0.184	0.031	0.030	0.185	0.183	0.181	
MSW and C&I treatment - hazardous	0.007	0.008	0.008	0.009	0.010	0.010	0.012	0.013	0.015	0.016	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.021	0.020	0.020	
Hazardous waste recovery							I/A N/						/A N				I/A N			/A N	I/A
Recycling residues (of waste managed):																					
MSW and C&I recycling and composting	0.073	0.079	0.085	0.091	0.098	0.105	0.111	0.117	0.123	0.128	0.133	0.137	0.142	0.147	0.152	0.157	0.161	0.166	0.170	0.175	
C&D recycling	0.059	0.060	0.061	0.062	0.064	0.065	0.065	0.065	0.065	0.065	0.065	0.068	0.070	0.073	0.076	0.078	0.078	0.078	0.078	0.078	
Hazardous waste recycling	N/A N	N/A N	1/A N	1/A N	I/A N	/A N	I/A N/	A N	/A N	/A N	A N	A N	/A N	/A N	/A N	VA N	I/A N	/A N	I/A N	/A N	N/A
Total MSW and C&I recycling and composting residue sent to non-hazardous landfill	0.131	0.139	0.146	0.154	0.162	0.170	0.176	0.182	0.188	0.193	0.198	0.205	0.212	0.220	0.227	0.235	0.239	0.244	0.249	0.253	
'A_11: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO NON-HAZARDOUS LANDFILL AND C&D RECYCLING (Million SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)	Tonnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
(1) Total MSW and C&I residue sent to non-hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	0.060	
(1) Total MSW and C&I residue sent to inert landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.022	0.023	0.025	0.027	0.029	0.031	0.036	0.040	0.045	0.049	0.054	0.055	0.057	0.059	0.061	0.063	0.063	0.062	0.061	0.060	
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.085	0.092	0.099	0.107	0.115	0.124	0.141	0.158	0.177	0.193	0.210	0.218	0.225	0.233	0.241	0.249	0.246	0.243	0.240	0.237	
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.017	0.019	0.020	0.022	0.023	0.025	0.029	0.032	0.036	0.039	0.043	0.044	0.046	0.047	0.049	0.051	0.050	0.049	0.049	0.048	
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)																					
Total MSW and C&I residue sent to non-hazardous landfill	0.065	0.070	0.076	0.082	0.088	0.094	0.107	0.121	0.135	0.147	0.161	0.166	0.172	0.178	0.184	0.190	0.188	0.185	0.183	0.181	
(1) It was assumed that 50% of residue from 'non-specialist incineration' is sent to non-hazardous landfill and 50% is sent to inert lan	dfill. In the o	original mode	el assumptio	ons develope	ed MEL 50%	was assur	med to go to	C&D recycl	ling, rather t	than to inert	landfi										
A_12: TONNAGES OF C&D REUSED ON NON-HAZARDOUS AND INERT LANDFILL (Million Tonnes)  (1) C&D reused on landfill sites	39 %	%																			
(1) C&D reused on exempt sites	61 9	%																			
(1) C&D reused on landfill sites sent to 'non-haz landfill'	30 9	%																			
(1) C&D reused on landfill sites sent to 'inert landfill'	70 9	%																			
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Total C&D reused on non-hazardous landfill	0.055	0.054	0.053	0.052	0.051	0.050	0.051	0.052	0.053	0.054	0.055	0.052	0.050	0.047	0.045	0.042	0.043	0.044	0.044	0.045	
Total reused C&D on inert landfill	0.127	0.125	0.123	0.121	0.119	0.117	0.119	0.121	0.123	0.125	0.127	0.122	0.116	0.110	0.105	0.099	0.100	0.102	0.103	0.105	_
(1) C&D reuse rates based on original model assumptions developed MEL NOTE: C&D reuse on inert and non-hazardous landfill is not included within the charts because it has been assumed that data su	pplied by ea	ch sub-regio	n has acco	unted for C8	&D reuse as	an enginee	ring material	l.													
						5															
A_13: TOTAL MSW AND C&I RESIDUE FROM RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Total MSW and C&I recycling and composting residue sent to hazardous landfill	N/A N	N/A N	1/A N	N/A N	I/A N	/A N	I/A N/	A N	/A N	/A N	A N	A N	/A N	I/A N	1/A N	VA N	I/A N	/A N	I/A N	I/A N	N/A
A_14: TOTAL MSW AND C&I RESIDUE FROM RECOVERY SENT TO HAZARDOUS LANDFILL (Million Tonnes)																					
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
SCENARIO 1 - Assumes all recovery is by 'Non-specialist incineration' (based on total recovery capacity)																					_
Total MSW and C&I residue sent to hazardous landfill assuming all MSW and C&I recovery by 'Non-specialist incineration'	0.004	0.005	0.005	0.005	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.011	0.012	0.012	0.013	0.013	0.012	0.012	0.012	_
SCENARIO 2 - Assumes all recovery is by 'MBT' (based on total recovery capacity)																					
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	_
SCENARIO 3 - Assumes all recovery is by 'RDF' (based on total recovery capacity)																					_
Total MSW and C&I residue sent to hazardous landfill	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SCENARIO 4 - Assumes all recovery is by 'treatment' (based on total recovery capacity)  Total MSW and C&I residue sent to hazardous landfill	0.007	0.008	0.008	0.009	0.010	0.010	0.012	0.013	0.015	0.016	0.018	0.018	0.019	0.020	0.020	0.021	0.021	0.021	0.020	0.020	
					0.010	0.010	0.012	0.013	0.015	0.010	0.010	0.016	0.019	0.020	0.020	0.021	U.UZ I	U.UZ I	U.UZU	0.020	_
NOTE: This element of the model is redundant. There is currently no hazardous waste capacity figures to generate a chart of ma		e versus avai	ilable capad	city.																	
A_15: TOTAL HAZARDOUS WASTE RESIDUE FROM RECOVERY AND RECYCLING SENT TO HAZARDOUS LANDFILL (Million Tor	nnes) 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
	2000	2000	2007	2000	2003	2010	4011	4014	2010	4014	2010	2010	4011	2010	2019	4040	4041	4044	2020	4044	

## **West Sussex**







## **West Sussex**

