

APSE Northern Seminar 2007

Waste and Recycling: Regional Waste and Recycling Strategies - Greater Manchester Case Study

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Programme

1. Issues for regional waste disposal
2. Coordination and cooperation between local authorities
3. Affordability Issues



GMWDA – Introduction & Issues

- 9 Waste Collection Authorities
- Population - 2.2 million
- 958,000 households
- 1.4 million tonnes of municipal waste per year
- Largely metropolitan area
- Government Directives preventing waste going to landfill – financial penalties for failure steep




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GMWDA - Current Performance

	2002-03 Actual	2003-04 Actual	2004-05 Actual	2005-06 Actual	2006-07 Plan
Recycle/ Compost	7%	10%	17%	26%	28%









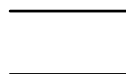
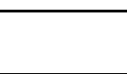
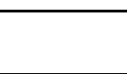
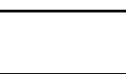



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Current Infrastructure

- LAWDC – Greater Manchester Waste Ltd
- 4 rail connected Dano process sites
- 3 Transfer Loading Stations
- 1 Thermal Recovery Facility
- 26 Household Waste Recycling Centres (HWRCs)

Greater Manchester PFI Procurement

- OBC produced (Oct 2004)
- Sign off on £4.4b affordability (Jan 2005)
- Govt approve PFI credits (Jan 2005)
- Contract Notice published (Feb 2005)
- PQQ/5 bidders to ISOP (July 2005)
- 4 bidders to ITT (Oct 05 – Feb 2006)
- Short listing of 2 (May 2006)
- BaFO (July – November 2006)
- Preferred Bidder (Jan 2007)
- Aim for Contract Close (Summer 2007)






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Current Position


- Viridor/Laing appointed Preferred Bidder on 26 January 2007
- Preferred Bidder negotiations 'advanced' position
- Proposed infrastructure largely clear:
 - Materials Recovery Facilities (MRFs)
 - In-vessel Composting (IVCs)
 - Mechanical Biological Treatment (MBT) & Anaerobic Digestion (AD)




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Emerging Solution

- Recycling: 7%(2003); 25%(2007); 50%(2015)
- 9% to be treated through existing Thermal Recovery Facility
- MBT/AD plants: 35-40% of waste: 5MW of power & 275k of Fuel – 35-40 MW of CHP power
- Landfill: 85%(2003), 65%(2007), 15%(2015)



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Contact Details

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