Activity	Service Area Data supplier	2003/04	2004/05	2005/06	2006/07	2007/08 comparable	2007/08 full
	Carbon figures included in overall total		Carbon figures no	t included in total - s	ee notes column		
Smallholdings						7278333	7278333
Major closed landfill sites	Environment BC al Health						
Leominster	ВС	9,325,000	8,466,000	7,792,000	7,117,000	6,503,000	6,503,000
Strangford	BC	2,393,000	2,270,000	2,147,000	2,025,000	1,902,000	1,902,000
Stretton Sugwas	ВС	20,491,000	18,528,000	16,749,000	15,031,000	13,497,000	13,497,000
Landfill subtotal		32,209,000	29,264,000	26,688,000	24,173,000	21,902,000	21,902,000
Social Care transport (in-house)	Prevention Services	56,788	51,099	49,051	48,080	49,927	49,927
Education transport	AB					2,098,853	2,098,853
HC Business mileage	ВВ	1004805	970681	791428	771256	790,360	790,360
HC Rail warrants		9688	11792	10576	11039	11039	11039
Transport subtotal		1,071,281	1,033,572	851,055	830,375	851,326	2,950,179
Stationary sources							
Street lighting						2,011,538	2,011,538

Property gas & electricity use	Property	EDS/WM S		11,138,846.00	10,247,747.00	11,001,563.00	10,301,056.00	10,301,056.00
Property electricity half hourly Plough Lane gas & electricity half				760679.9	760679.9	1,427,571.70	1615134.4	1615134.4
Stationary sources	-						266,486.70	266,486.70
subtotal	-			11899525.9	11,008,426.90	12,429,134.70	11,916,190.40	14,194,215.10
Estimated overall emissions	]	kgs CO2	1,071,281	12,933,098	11,859,482	13,259,510	12,767,516	17,144,394
% change from				Baseline year	-8.30	2.75	-1.25	32.98

% change from 04/05 baseline

## Carbon benefits

Carbon benefits							
HECA	Private HF Sector	8333000	10,500,000	8147000	14040000		
HC Cycle Mileage	Integrated BB Transport	308	511	1595	1086		
Activity	Service Area Data	2003/04	2004/05	2005/06	2006/07	2007/08	2007/08 full
	supplier					comparable	
	Carbon figures not		1.25% reduction				1.25% reduction
	included in total - see		on 04/05 baseline				on best current
	notes column		would be				figure for 07/08 is
	Carbon figures included		193,996 kgs CO2				219,026 kgs CO2
	in overall total		ра				ра

Cost	Carbon factor applied	Notes
	Figures prepared by consultants.	Carbon footprint for tenanted agricultural land owned by the council including energy & fuel, methane from livestock and nitrous oxides.Not included in NI185 or CMAP.  LA has a responsibility for these sites though it does not manage them all. For the purposes of assessing the potential scale of emissions from the site, it has been assumed that the waste inputs comprised 70% domestic waste, 20% commercial waste and 10% inert waste.
		Methane has a Global Warming Potential (GWP) which is 21 times that of carbon dioxide
		Flare installed in early 2008 should reduce methane emissions.
		Included in 2005 CMAP but not included in NI185. Excluded from total as figures are reducing as a result of natural decay only.
	Miles x I.609 (miles/kms) x 0.27 CO2 Factor (medium diesel van)	In-house mileage in diesel minibuses
	Litres x 2.63 (diesel/litre)	Figure not included in total because only one year's data
	Miles x 1.609 (miles/kms) x 0.21 Average petrol car (av diesel car is 0.2	2)
	0.06 per passenger km	Assuming round trips, half to London & half to Birmingham: trips (row 16) x 200 miles x 1.609 x $0.06$
		Underestimate: does not included contracted out transport eg social care and contractors
c £250,000		Street lighting is included in NI 185. Not included in this total because inventory only updated this year. Street lighting energy use is calculated as an Unmetered supply (estimated rather than read) because of the dispersed pattern of the c.11983 lights, 977Signs, 373 Bollards and 260Traffic Light Heads = Total 13593 units. Price of supply per unit expected to increase to over 10p when contract is relet in 2009.

Standard grid factors used: electricity, 0.523 and gas 0.185	Data produced by WMS and analysed by EDS. Full assumptions on separate worksheet in this file.100% Renewable energy purchased between Nov 03 & Nov 07
Standard grid factors used: electricity, 0.523	Calendar year figures supplied by WMS: see also Property assumptions tab
0.523 electricity. Gas: x0.185	Consumption data provided by Chris Preedy of Scottish & Newcastle. Gas x0.313 to convert from cubic feet to kwh (Digest of UK Energy Stats 2003)
	2007/08 full column remains an underestimate: does not include social care contracted transport or emissions from vehicles owned by council or contractors
% in relation to cell F33 as 100%	
	Reductions in emissions from measures taken by households. Not included in NI185 or CMAP 2005.
Carbon factor applied	Notes
	Last update 11/08/08 TM Sustainability Unit

Cost