

Appendix 1

environmental management

Leeds City Council operates an environmental management system accredited to EMAS (Eco-Management and Audit Scheme) and ISO14001. It is designed to help companies improve their environmental performance. Since we regard the environment highly, maintaining our EMAS accreditation is one of our key performance indicators in the Council Business Plan.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Production of the Environment Statement	Was the environmental statement successfully published?	Target	Publish 09/10	Publish 10/11	☺	Target for next year:
		Actual	Published 09/10	Published 10/11		Publish 11/12
Maintain the EMAS registration	Did the local authority maintain its EMAS registration?	Target	Maintain EMAS	Maintain EMAS	☺	Target for next year:
		Actual	EMAS	EMAS		Maintain EMAS accreditation

sustainability in development

We take various measures into account when we look at how to make development more sustainable. This may range from having better flood defences, protecting and reusing historic buildings to encouraging greener builds.



KPI	Measurement		2009/10	2010/11	Trend	2011/12
RSS – ENV 1: Number of planning permissions granted contrary to sustained objections from the Environment Agency about flood risk	Number of planning permissions granted contrary to sustained objections from the Environment Agency about flood risk	Target	0	0	☹️	Target for next year:
		Actual	2	Data not issued by the EA until quarter 3 (Oct/Nov). This figure will be provided in the next statement.		0
RSS – ENV9: Reduce the number of historic buildings at risk	Quantity and condition of historic attributes	Target	Continual downward trend of the number of buildings at risk	Continual downward trend of the number of buildings at risk	☹️	Target for next year:
		Actual	11	11		Continual downward trend of the number of buildings at risk





sustainable use of energy and reduce contributions to climate change

One of our most significant impacts on the environment originates from the greenhouse gas emissions we produce as a council, but also in what we influence in the growth of the city.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
NI 185a	Electricity used in all council buildings, including metered streetlighting and carparks (kWh)	Target	Expected year on year reduction	Expected year on year reduction	☹️	Target for next year:
		Actual	93,015,731 kWh (3,401.2 kWh per employee per annum)	93,724,044 kWh (3,682.3 kWh per employee ¹ per annum)		Expected year on year reduction
NI 185b	Gas use in council buildings (kWh)	Target	Expected year on year reduction	Expected year on year reduction	☺️	Target for next year:
		Actual	236,842,205 kWh (8,666.3 kWh per employee per annum)	220,876,992 kWh (8,677.9 kWh per employee ² per annum)		Expected year on year reduction
NI 185c	Total electricity used by unmetered streetlights (kWh)	Target	Expected year on year reduction	Expected year on year reduction	☹️	Target for next year:
		Actual	47,005,851 kWh	47,836,276 kWh		Expected year on year reduction

¹ Employee is equivalent to a full time worker (ie two or more part time employees are calculated to equal one full-time employee).

² Number of full time employees working directly for Leeds City Council = 13,729; including schools = 25,452. Data expressed as per employee will include schools where schools have contributed to the data stream.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
NI 185d	Total CO ₂ Emissions from Staff Travel (t CO ₂)	Target	Expected year on year reduction	Expected year on year reduction	 (10.38% cumulative reduction from 08/09 baseline year)	Target for next year:
		Actual	2,667.45t CO ₂ (184.4kg per employee per annum)	2,519.44t CO ₂ (183.5kg per employee per annum)		Expected year on year reduction
NI 185e	Total CO ₂ Emissions from Fleet (t CO ₂)	Target	Expected year on year reduction	Expected year on year reduction	 (5.51% cumulative reduction from 08/09 baseline year)	Target for next year:
		Actual	11,277.19t CO ₂ (779.7kg per employee per annum)	11,969t CO ₂ (871.8kg per employee per annum)		Expected year on year reduction
NI 185f	Total CO ₂ Emissions from Outsourced Fleet (t CO ₂)	Target	Expected year on year reduction	Expected year on year reduction	 (6.29% cumulative reduction from 08/09 baseline year)	Target for next year:
		Actual	1016.84t CO ₂	999t CO ₂		Expected year on year reduction
NI 185g	Total CO ₂ Emissions from Buildings and metered street lights (t CO ₂)	Target	Expected year on year reduction	Expected year on year reduction	 (6.89% cumulative reduction from 08/09 baseline year)	Target for next year:
		Actual	92,455.74t CO ₂ (3.38t per employee per annum)	90,570 ³ t CO ₂ (3.56t per employee per annum)		Expected year on year reduction

³ This figure includes gas and coal, for the first time.

KPI	Measurement		2009/10	2010/11	Trend
NI 185h	Total CO ₂ Emissions from Street Lighting (t CO ₂)	Target	Expected year on year reduction	Expected year on year reduction	☹️ 4.03% cumulative increase from 08/09 baseline year)
		Actual	24,583.97t CO ₂	25,018.28t CO ₂	
NI 185i	Total CO ₂ Emissions from the Council's Operations (t CO ₂)	Target	3.4% reduction vs baseline year	Expected year on year reduction	😊 (4.87% cumulative reduction from 08/09 baseline year)
		Actual	132,001.2t CO ₂	130,378t CO ₂	
NI 188	Planning to adapt to climate change ⁴	Target	Level 2	Level 3	😊
		Actual	Level 1	Level 3	
RSS – ENV 5: Energy (installed grid-connected renewable energy)	MW renewable energy produced	Target	11MW by 2010	75MW by 2021	😊
		Actual	11.37MW	15.37MW ⁵	
NI 187a	Tackling fuel poverty: % of people receiving income based benefits living in homes with a low energy efficiency rating	Target	5.85%	4.89%	😊
		Actual	5.43%	4.83%	
NI 186	Per capita reduction CO ₂ emissions in the LA area (compared with 2005 baseline)	Target	3.6%	5.4%	😊
		Actual	6.2% (2007)	8.2% ⁶ (2008)	

2011/12
Target for next year:
Expected year on year reduction
Target for next year:
Expected year on year reduction
Target for next year:
Level 4
Target for next year:
75MW by 2021
Target for next year:
Review pending government instruction
Target for next year:
7.2%

⁴ Level 0 = Baseline; Level 1 = Public commitment and prioritised risk-based assessment; Level 2 = Comprehensive risk-based assessment and prioritised action in some areas; Level 3 = Comprehensive action plan and prioritised action in all priority areas; Level 4 = Implementation, monitoring and continuous review.

⁵ As of May 2011.

⁶ Calculated per calendar year. Due to the complex nature of collecting this data and that it is provided to LCC by DEFRA, it serves as retrospective data and will be approximately 3 years behind. The 2010/11 result shows the reduction from 2005 to 2008.



manage waste more sustainably

Waste is produced as a result of nearly everything we do. Its how we deal with waste that makes us question how we produce it in the first place. As an ongoing element of our environmental management system we continually strive to minimise the environmental impact of this waste.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Percentage of council waste sent to landfill	Percentage of council business waste landfilled by the waste disposal company	Target	60%	50%	☺	Target for next year:
		Actual	26%	24% ⁷		50%
Total waste produced (per employee)	Total waste produced by the council (from offices, depots and skips)	Target	Target to be set and agreed	Target to be set and agreed	☹	Target for next year:
		Actual	New indicator	48,058.7 tonnes (1,888.2kg per employee)		Target to be set and agreed
Total landfilled council building waste (per employee)	Total residual waste per member of staff (building and skip waste)	Target	Reduce waste to landfill	Reduce waste to landfill	☹	Target for next year:
		Actual	414 tonnes <i>building waste only</i> (29kg per employee)	1,494.1 tonnes (58.7kg per employee)		Reduce waste to landfill
Total waste recycled (per employee)	Paper and card, inert, metal, wood, highways ⁸	Target	Target to be set and agreed	Target to be set and agreed	☹	Target for next year:
		Actual	New indicator	40,864.53 tonnes (1,605.5kg per employee)		Target to be set and agreed

⁷ 2010/11 data includes waste that has been segregated at source, and waste sorted and recycled at the Materials Recycling Facility.

⁸ Highways waste currently excludes waste from the Henshaw depot. This will be included in the 2011/12 data set.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Hazardous waste (liquids) produced through council services (per employee)	Interceptor waste (gallons)	Target	Target to be set and agreed	Target to be set and agreed	☹️	Target for next year:
		Actual	New indicator	26,600 gallons (4.8ltrs per employee)		Target to be set and agreed
Hazardous waste (solids) produced through council services (per employee)	Asbestos, fluorescent bulbs, aerosols, waste oil waste, batteries	Target	Target to be set and agreed	Target to be set and agreed	☹️	Target for next year:
		Actual	61.4t <i>asbestos only</i> (4.2kg per employee)	5,700.2 tonnes (224kg per employee)		Target to be set and agreed
NI 191	Residual (landfilled) household waste per household (kg/household)	Target	663kg	629kg	😊	Target for next year:
		Actual	633kg	615kg		Review pending government instruction
NI 192: increase in the percentage of household waste sent for reuse, recycling and composting	Percentage of household waste sent for reuse, recycling and composting (%)	Target	33.94%	41.32%	☹️	Target for next year:
		Actual	31.25%	35.08%		Review pending government instruction
NI 193	Reduce the percentage of municipal waste from households and selected businesses landfilled (%)	Target	62.75%	55.94%	☹️	Target for next year:
		Actual	70.22%	66.10%		Review pending government instruction



monitor and prevent pollution

Leeds City Council pollutes through the services we provide to the public. This is due to the nature of the service provision and can range from large scale, such as the crematorium, to the smaller scale, such as emissions from a vehicle used by a home carer to get to clients.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Number of days pollution exceeds national guidance levels	Number of days when the concentration of specific air pollutants is recorded as 'moderate' or greater	Target	0	0	☹️	Target for next year:
		Actual	Pollutant / Days CO / 0 NO ₂ / 0 SO ₂ / 0 O ₃ / 2 PM ₁₀ / 3	Pollutant / Days CO / 0 NO ₂ / 1 SO ₂ / 0 O ₃ / 7 PM ₁₀ / 4		0
NI 194: Level of Air Quality	NI 194a: Reduction in NO _x emissions through local authority's estate and operations (eg boilers, vehicles etc.)	Target	2.1%	3.4%	☺️ (4.3% reduction)	Target for next year:
		Actual	265.3t NO _x (18.3kg per employee)	270.5t NO _x (10.6kg per employee)		This indicator has been discontinued
	NI 194b: Reduction in primary PM ₁₀ emissions through local authority's estate and operations (eg boilers, vehicles etc.)	Target	2.1%	3.4%	☺️ (3.9% reduction)	Target for next year:
		Actual	7.9t PM ₁₀ (0.6kg per employee)	8.2t PM ₁₀ (0.3kg per employee)		This indicator has been discontinued

encourage and support sustainable transport

Leeds City Council own approximately 1,000 vehicles, which we use to collect household waste, clean gullies, and enable us to provide services that require site visits such as social services, buildings maintenance and maintaining our parks and green spaces.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Number of prepaid metro/ rider cards issued	Number of prepaid metro/rider cards issued	Target	To make a year on year increase in the proportion of staff who participate in the corporate travel scheme	To make a year on year increase in the proportion of staff who participate in the corporate travel scheme	☺	Target for next year:
		Actual	1,498	1,505		To make a year on year increase in the proportion of staff who participate in the corporate travel scheme
Number of schools with green travel plans	Number of schools with green travel plans completed within the year	Target	Revised target by central government. All schools to have a travel plan by March 2011.	Revised target by central government. All schools to have a travel plan by March 2011.	☹	Target for next year:
		Actual	37 this year (a total of 271 schools out of 279 have completed travel plans)	1 additional school completed a school travel plan (a total of 272 schools out of 279) ⁹		No longer required to be monitored

⁹ Number of schools in the district varies due to new schools established, schools merging or closing down.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
NI 198: Increase sustainable modes of transport when travelling to school	Children travelling to school by car (%)	Target	Expected year on year reduction	Expected year on year reduction	☹️	Target for next year:
		Actual	27.2%	This indicator has been discontinued		This indicator has been discontinued
LSP – TR1b(ii): Travel modes into Leeds	Increase the percentage of in-bound non-car journeys in the morning peak period ¹⁰	Target	44.7%	45%	☹️	Target for next year:
		Actual	44.3%	43.9%		Review pending government instruction
Mileage travelled	Total number of cycle miles claimed by Leeds City Council employees.	Target	Expected year on year improvement	Expected year on year improvement	☹️	Target for next year:
		Actual	2,192	1,456		Expected year on year improvement
NI 185i	Total mileage claimed through business miles for cars (km)	Target	Expected year on year reduction	Expected year on year reduction	😊	Target for next year:
		Actual	16,678,477km	15,805,495km		Expected year on year reduction
NI 185ii	Total fuel (diesel, gas oil & petrol) used through the council fleet (litres)	Target	Expected year on year reduction	Expected year on year reduction	☹️	Target for next year:
		Actual	4,294,432ltrs	4,557,882ltrs		Expected year on year reduction
NI 185iii	Total bus journey mileage claimed through business miles (km)	Target	Expected year on year reduction	Expected year on year reduction	😊	Target for next year:
		Actual	7,566	1,023		Expected year on year reduction

¹⁰ Based on a survey undertaken in May-June 2010.



KPI	Measurement		2009/10	2010/11	Trend	2011/12
NI 185iv	Total train journey mileage claimed through business miles (km)	Target	Expected year on year reduction	Expected year on year reduction	😊	Target for next year:
		Actual	1,607,254	1,011,510		Expected year on year reduction
NI 185v	Total airmiles claimed through business miles (km)	Target	Expected year on year reduction	Expected year on year reduction	☹️	Target for next year:
		Actual	399,616	853,492		Expected year on year reduction
LSP – TR1a: Increase the number of cycle trips to the city centre in the morning peak period	Cycle trips to the city centre in the morning peak period (07:30 – 09:30) ¹¹	Target	840	880	😊	Target for next year:
		Actual	1,064	1,242		Review pending government instruction
NI 176: Increase the access of working people to public transport	Working age people with access to employment by public transport, walking & cycling (%)	Target	Expected year on year improvement	Expected year on year improvement	☹️ ¹²	Target for next year:
		Actual	83.8%	This indicator has been discontinued		This indicator has been discontinued

¹¹ Based on a survey undertaken in May-June 2010.

¹² Downward trend due to a comparison between 2008/09, which was 84%.

improve the quality of neighbourhoods and local environments

As one of our improvement priorities in our Leeds Strategic Plan, we know how important it is for local residents to live in a clean neighbourhood. In 2007, 14% of local residents surveyed said that a clean neighbourhood (without litter or graffiti) was one of the five things most in need of improvement in their area.

KPI	Measurement		2009/10	2010/11	Trend
NI 195a ¹³	Litter	Target	8%	7%	☹️
		Actual	9.04%	9% ¹⁴	
NI 195b	Detritus	Target	10%	9%	☹️
		Actual	11.56%	24%	
NI 195c	Graffiti	Target	4%	3%	😊
		Actual	1.17%	3%	
NI 195d	Flyposting	Target	0%	0%	😊
		Actual	0%	0%	
NI 196	Improved street and environmental cleanliness – reducing levels of fly tipping through better enforcement	Target	3	2	😊
		Actual	2	1 ¹⁵	

2011/12
Target for next year:
Review pending government instruction
Target for next year:
Review pending government instruction
Target for next year:
Review pending government instruction
Target for next year:
Review pending government instruction
Target for next year:
Review pending government instruction

¹³ NI195: Improved street and Environmental Cleanliness' is assessed as a percentage of land deemed to be worse than a specified acceptable level.

¹⁴ All NI 195 data: Data reported in 11/12 represents different reporting parameters. With the end of the national indicator set, we are now developing our own KPIs that help us to improve our performance by encompassing a larger area of monitoring. In 2009/10, under government guidance, we were required to sample 900 sites. However, in 2010/11, we sampled in excess of 3000 sites, this is reflected in the latest results.

¹⁵ 1=Very effective, 2=effective, 3=not effective, 4=poor



reduce the environmental impacts of goods and materials used

We purchase, as a local authority, a wide range of goods and services in order to operate effectively and to guarantee we provide quality services to local residents. Because we recognise that many goods and services have an environmental impact, we try to include sustainability measures within the tender process to ensure that we purchase as economically and as sustainably as possible.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Total water used (m ³)	Volume of water used (m ³) in Leeds City Council buildings	Target	Target to be set and agreed	1,210,000 m ³	☹️	Target for next year:
		Actual	1,062,985 m ³ (40.3 m ³ per employee)	No data available at the time of reporting		1,198,200 m ³
Number of contracts where the Socially Responsible Procurement Toolkit (SRPT) was applied	Percentage of contracts awarded where the SRPT was applied/total number of contracts	Target	Target to be set and agreed	Target to be set and agreed	☹️	Target for next year:
		Actual	8%	6%		Expected year on year increase

maintain levels of biodiversity and promote nature conservation

Biodiversity is the 'living' part of the environment. It includes all living things; animals, fungi, plants and micro-organisms and the communities and habitats they form together. The council is in a unique position to influence the natural environment in Leeds, through the land we own and through the planning decisions we take.

KPI	Measurement		2009/10	2010/11	Trend	2011/12
Volume of peat used in horticulture (m ³)	Volume of peat used in horticulture (m ³) within Leeds City Council operations	Target	90% peat free by 2010	90% peat free by 2010	☹️	Target for next year:
		Actual	75.5% peat free (204.48m ³ peat used)	80.2% peat free (127.1m ³ peat used)		Target to be agreed and set
NI 197	Improved local biodiversity – percentage of local sites (SEGI ¹⁶ and RIGS ¹⁷) where positive active management can be evidenced	Target	45%	58%	☹️	Target for next year:
		Actual	58%	This indicator has been discontinued		Review pending government instruction
LSP: Number of council green spaces that achieve the green flag status	Percentage of Parks and Countryside sites assessed internally that meet the Green Flag criteria	Target	21%	23%	😊	Target for next year:
		Actual	23.4%	23%		23%

¹⁶ SEGI: Site of Ecological and Geological Interest
¹⁷ RIGS: Regionally Important Geological Sites

encourage environment and sustainability in education

Education and awareness underlines many of the environmental aspects that we deal with as a council. Not only is it important to influence future generations, but also through awareness campaigns when we try to improve our services. We do this internally by keeping our staff aware of improvements in how we operate, and externally, to residents and developers as we strive to become a more sustainable city.



KPI	Measurement		2009/10	2010/11	Trend	2011/12
Healthy/ Eco-Schools	Number of schools participating in the National Healthy Schools initiative ¹⁸	Target	75% of schools by 2009	Target Met	☺	Target for next year:
		Actual	265 out of 270 (98%)			Target Met
Sustainable Schools ¹⁹	Number of schools registered to the Sustainable Schools initiative.	Target	New Indicator	Target to be set and agreed	☺	Target for next year:
		Actual		76 Schools		Target to be set and agreed

¹⁸ This national initiative promotes the link between good health, behaviour and achievement.

¹⁹ The National Framework for Sustainable Schools provides a framework of eight 'doorways' through which schools may choose to initiate or extend their sustainable activity. It focuses on ways in which sustainable development can be embedded into whole school management practices and provides practical guidance to help schools operate in a more sustainable way.