

Integrated Waste Strategy for Leeds 2005-2035

Introduction

The Integrated Waste Strategy for Leeds adopted in 2006 sets out the Council's strategic vision and key objectives for the management of waste over the next thirty years.

The vision set out within the Strategy is of

“a zero waste city, whereby we reduce, reuse, recycle and recover value from all waste, waste becomes a resource and no waste is sent to landfill”

An action plan sits within the Strategy to facilitate delivery of the vision. This details the specific activities that will be undertaken and reviewed annually to measure progress.

The accompanying draft action plan will take the Strategy through the period from 2009 to 2012. It refocuses the strategy into 4 key priorities. It provides comprehensive details of current and planned actions and the measures we will use to evaluate their success. In addition it aims to achieve a number of outcomes which complement the statutory targets and represent the broad range of areas we cover.

Internal consultation will be undertaken with key stakeholders prior to the plan being adopted and rolled out through a re-launch of the cross-sector Waste Strategy Group in March 2010.

This revised action plan does not seek to amend previously agreed targets and it is envisaged that the Integrated Waste Strategy (2005-2035) will be reviewed with full stakeholder consultation in 2012.

Key pressures which influence our actions:

○ Meeting our statutory targets:

Description	2008/9 Performance	2009/10 Target	2010/11 Target	2011/12 Target
Residual household waste per household (NI 191)	675.48 kg	663.21 kg	628.52 kg	576.08 kg
Household waste recycled, composted or re-used (NI192)	30.41%	33.94%	40.0%	42.0%
Percentage of municipal waste landfilled (NI193)	67.17%	62.75%	57.21%	55.21%
Landfill Allowance Trading Scheme Targets	179,813 tonnes	151,189 tonnes	134,360 tonnes	117,531 tonnes

Statutory targets are named National Indicators and they cover the reduction of waste, reducing waste going to landfill and the recycling, composting and reuse rate.

○ **Reducing Waste**

Reducing waste is a primary focus for the Waste Strategy for Leeds. A range of policies and initiatives to achieve this are set out in the draft plan. Our published target is to reduce annual growth in municipal waste per household in Leeds to 0.5% by 2010, and to eliminate growth in waste per household by 2020, although this will be regularly reviewed based on the latest available data and trends. From 2010/11 residual waste per household must begin to fall in line with a National Indicator target of 576.08 kg per household by 2011/12.

○ **Recycling & Composting**

Recycling and composting and reuse remain a key priority. Whilst the recycling rate has risen steadily we need to deliver further improvements to meet our National Indicator targets of 33.9% in 2009/10 and 41.3% in 2010/11. Our aim is to achieve a minimum recycling rate of 50% by 2020.

○ **Treatment and Disposal Infrastructure**

Leeds City Council landfilled c.69% of waste collected in 2008/09 but legislation requires this amount to be reduced. The National Indicator target is a reduction to 62.75% in 2009/10 and a further reduction to 55.95% in 2010/11. These targets are also linked to the Landfill Allowance Trading Scheme (LATS) which requires councils to reduce the amount of biodegradable municipal waste going to landfill. To achieve this level of diversion and recover value from our waste we must evaluate and implement new waste management technology. Our aim is to achieve the recovery value from 90% of our waste by 2020.

Progress to date:

- **Allocation of £68.6M PFI credits secured from Defra to develop a residual waste treatment solution**
- **Recycling rate increased from 19.5% (2004/05) to 30.41% in 2008/9**
- **186,000 homes provided with a garden waste collection service diverting 16,600 tonnes of green waste from landfill**
- **10, 000 home composters distributed**
- **250 real nappy packs distributed diverting 150 tonnes of waste**
- **Consultation on ‘ What should Leeds do with its waste?’ completed**

Developing the Draft Action Plan 2009-2012

The original action plan that has delivered the outcomes outlined above was based on 9 key themes:

1. Education and awareness
2. Waste prevention
3. Market development and procurement
4. Recycling and composting
5. Medium and long term recovery options

6. Limiting landfill
7. Enforcement
8. Planning
9. Commercial and Industrial waste

These have now been rationalised in the draft action plan into 4 key priorities and a recognition that a range of common threads run throughout the Strategy. This includes identifying efficiency savings gained through new actions.

The diagram below illustrates how the 4 new priorities and common threads are linked.

In developing this draft action plan care has been taken to ensure that all the key themes and actions from the Strategy's first plan are included and that no content has been lost. The actions have been divided into priority areas and spread across three years. This takes into account the resources available each year and the time it takes to implement projects. Some of the actions may take longer than a year and they will be rolled forward into the following years actions until completion. Completed actions from 2006 to 2008 have been closed off.

The first two years are fully populated with actions that require attention. The third year has some actions already but it is expected that over time new actions will be added. This is necessary to allow the Waste and Recycling team to be able to respond to new demands and changes in U.K. and European legislation. Changes likely to occur over the time-frame of the Action Plan are the imminent review of Schedule 2 wastes and transposition of the revised Waste Framework Directive, both of which could expand the range of wastes that will fall under the control of Leeds City Council.

New actions, projects and communications campaigns developed in response to such changes will be added onto the action plan and carried over into subsequent years for delivery. This planned process is essential to allow the team the flexibility to perform effectively in the rapidly changing field of waste management.

Internal consultation will ensure that this plan aligns with the strategies of other Council departments and complies with the outcomes and improvement priorities of the Leeds Strategic Plan 2008-11.

Priorities	Includes	Threads
<p>Leadership</p> <p>‘taking leadership for waste management in the city’</p>	<p>Commercial & Industrial Waste</p> <p>Looking at wider waste issues, feeding into consultations, national networks and representing Leeds’ view SME’s/signposting</p>	<p>Communication and Engagement</p> <p>Enforcement</p> <p>Partnerships</p> <p>Sustainability</p> <p>Limiting Landfill</p> <p>Programme & Risk Management</p> <p>Access & Equality</p> <p>NI 192</p> <p>Carbon Footprint</p> <p>Climate Change</p> <p>Efficiency savings</p>
<p>Waste Prevention</p> <p>‘working with our partners to reduce the amount of waste produced and maximise the reuse of materials’</p>	<p>Reduction of Waste Minimisation Reuse Working with the Community & Voluntary Sector</p>	
<p>Recycling and Composting</p> <p>‘developing our services to increase participation, availability and the range of materials collected for recycling or composting’</p>	<p>Approach to giving Services for businesses and schools Acknowledge one size does not fit all/tailoring of services for different users</p>	
<p>Treatment & Disposal Infrastructure</p> <p>‘providing appropriate waste management technology to recover maximum value from waste and minimise landfill’.</p>	<p>Medium & Long Term Recovery</p> <p>Links to NRWDPD LAT’s compliance Landfill Contract (Waste treatment & disposal contract)</p> <p>Planning</p> <p>Market Development & Procurement</p> <p>Encouraging the participation of the Community and Voluntary sector in the procurement process</p>	

The 9 key themes from the strategy’s first action plan are shown in red

DRAFT ACTION PLAN 2009-2012 (for internal consultation prior to formal approval and publication)

Leadership

Take leadership for waste in the city.

Residents, businesses and organisations look towards the service to provide advice and information on a wide range of issues regarding waste and recycling. Challenging members of the public to consider how they create and dispose of their waste both in the home and at work is an important part of achieving our targets. We will also consult with stakeholders to ensure that all points of view are taken into consideration. We will also ensure that our strategy links across council departments to develop a coherent approach to sustainable waste management throughout the organisation.

These are some of the strategies we are linking with:

- Leeds Strategic Plan
- Local Development Framework
- Regeneration Framework
- Natural Resources and Waste Development Plan Document

Do you know of any others?

Outcomes

Work with stakeholders to promote sustainable waste management.

To include appropriate statements on waste in other strategies plans and policies

To develop innovative promotional initiatives for waste prevention.

Lobby for the prevention of waste

To empower consumers and business to prevent waste

Improved data management.

Planning and preparing for changes in legislation

To achieve our outcomes, in 2009/10 we will:

Produce and distribute a Business waste handbook to 5000 businesses.

Improve information for businesses on the website.

Complete a strategic review of household waste sorting sites (HWSS.)

Review method of consultations to improve the quality of future consultation work.

Look to secure funding and start training advisors for the Keep Britain Tidy Business Awards.

Engage with key parties through regional waste meetings, seminars and consultations on legislation etc..

Link to Regional Waste Prevention Group.

Maintain ISO 14001 by training staff and promoting socially responsible procurement guidelines.

Link into Year of Volunteering 2010 by providing resources and information.

Identify & review other LCC strategies to ensure they align with the Integrated Waste Strategy.

Re-establish the Waste Strategy Group.

To achieve our outcomes, in 2010/11 we will:

Prepare case studies of best practice in waste management, recycling and composting for the website and intranet

Work with Corporate Procurement to develop further the Socially Responsible Toolkit and other mechanisms to ensure that waste minimisation is included and enforced in all contracts

Distribute the business waste handbook to more businesses.

Implement actions highlighted in the HWSS strategic review.

Investigate use of technology to reach certain sections of the city e.g. text polls.

Implement Defra's 'Food on the Go' litter campaign.

Implement, where possible, the Keep Britain Tidy Business Awards.

Work with the Environment Agency or commission a report to improve commercial and industrial waste data.

Ensure environmental issues are part of council induction process.

To achieve our outcomes, in 2011/12 we will

Provide training to help SMEs access the tendering process for waste services contracts

Reduce our carbon footprint in targeted areas.

Work with enforcement to improve the use of recycling facilities.

Work with businesses to reduce commercial and industrial waste

Waste Prevention

Working with our partners to reduce the amount of waste produced and maximise the reuse of materials.

Waste prevention and reuse are the first steps in the waste hierarchy. By preventing or reusing waste we can conserve resources, save energy, reduce the demand for waste disposal and provide cheaper goods. To achieve this we will encourage all individuals to make informed decisions as consumers by borrowing, hiring, repairing, buying second-hand items or buying more durable products. We will support social enterprise and reuse organisations to increase the number of items being reused.

Outcomes

To target key waste streams for minimisation

To develop schemes to increase the reuse of resources

To support social enterprise and the voluntary and community sectors by reserving areas of reuse, recycling and reprocessing for these sectors where appropriate.

To increase the use of durable items and products with recycled content

To achieve our outcomes, in 2009/10 we will:

Procure a supplier for composting bins to replace WRAP scheme.

Complete a 6 month Waste Electrical and Electronic Equipment (WEEE) reuse trial working with a local reuse organisation.

Finalise the design of the reuse shop at the redeveloped East Leeds HWSS.

Start soft market testing with the third sector regarding the running of the reuse shop.

Update the website to promote waste prevention messages.

Assess the success of the Otley Green Guide.

Identify level of support to be provided in the development of an Approved Authorised Treatment Facility (AATF) for WEEE.

To achieve our outcomes, in 2010/11 we will:

Continue promotion of home composting and providing ongoing support and advice.

Evaluate new compost bin suppliers and undertake further procurement if needed.

Increase WEEE reuse on HWSS through staff training and work with reuse groups. This will include improvements to the recording system.

Improve provisions on all HWSS for reuse of WEEE, furniture and other items.

Complete the procurement procedure for the running of the reuse shop.

Run a pilot providing sample nappy packs to midwives for ante-natal classes in an area.

Assess the evaluation process for real nappies to maximise the benefits of the scheme.

Investigate opportunities to support the development of a community-led reuse facility for commercial and industrial waste.

Work with ALMOs to promote partnership working with reuse charities to reuse furniture and WEEE.

Continue to promote the Love Food Hate Waste campaign.

Work with Sustainable Development Unit (SDU) and other council departments to improve waste minimisation and recycling at all council premises.

To achieve our outcomes, in 2011/12 we will

Work with the reuse shop to maximise diversion from East Leeds HWSS.

Design Green Guides for other areas in the city.

Identify and develop opportunities for reuse shops on other HWSS.

Recycling and Composting

Developing our services to increase participation, provision and the range of materials recycled or composted.

Recycling and composting follows waste reduction and reuse in the waste hierarchy. All waste streams will be targeted including wastes produced by our own activities plus commercial and industrial wastes produced by local businesses. Significant improvements have been made to our recycling and composting provision for householders and this has resulted in the recycling rate increasing from 21.33% in 2005/6 to 30.41% in 2008/9. This has exceeded the target of 30% by 2010 as set out in the original Integrated Waste Strategy. Further development of services must take place to meet our statutory targets.

Outcomes

To use Education and Awareness to increase participation in recycling and composting by all.

To increase the range of materials recycled, including those collected at the kerbside.

To improve the provision of non-kerbside recycling facilities including for commercial and industrial wastes.

To develop a range of policies and measures to support waste minimisation and recycling of all waste streams.

To achieve our outcomes, in 2009/10 we will:

Start the new recycling and waste collections in the Rothwell ward.

Approve the Recycling Improvement Plan.

Use the strategic assessment of HWSS and bring sites to create policies for the improvement of non-kerbside provision.

Write policies for garden waste collections, SORT collections, disposal for charities and residual collections.

Complete designs and start procurement for the redevelopment of East Leeds HWSS

Work with city centre management to plan recycling provision in the city centre.

Develop a programme to upgrade and improve the signage and maintenance of all bring sites and communal recycling sites.

Implement communications plans for the above actions.

To achieve our outcomes, in 2010/11 we will:

Undertake a corporate project evaluating how we communicate with the public.

Provide ongoing performance monitoring and evaluation of the new recycling and waste collections in Rothwell and update the food waste collection and disposal options appraisal.

Implement the Recycling Improvement Plan actions.

Implement HWSS and bring site strategic review.

Train HWSS staff members to improve customer service and increase recycling and reuse rates.

Write policies for side waste and bulky household waste collections.

Redevelop East Leeds HWSS.

To achieve our outcomes, in 2011/12 we will

Undertake a cost benefit analysis of introducing new services as the residual waste treatment and procurement progresses.

Work with staff at East Leeds and other HWSS to maximise recycling and reuse

Treatment and disposal infrastructure

Providing appropriate waste management technology to achieve maximum diversion of waste from landfill.

Whilst waste prevention, reuse, recycling and composting are the preferred methods of reducing our reliance on landfill, we must consider other technologies available to help us meet our statutory targets. To ensure that resources are not sent to landfill appropriate recovery systems can separate out any recyclable material before undergoing further treatment to recover energy from waste. We will also identify markets for all recyclable materials. It is essential to anticipate and adapt to future changes to legislation, the economy and developments in waste management.

Outcomes

To explore markets for recycling or processing of waste management residues.

To undertake a successful procurement process for the delivery of the recovery solution

To secure long-term outlets for recyclable materials.

To ensure that Planning Policy supports sustainable waste management

To achieve our outcomes, in 2009/10 we will:

Explore treatment options for waste management residues.

Explore and secure markets for reprocessing of recyclates.

Use bidders' days to engage local businesses in the tendering process.

Develop replacement contracts for garden waste composting & MRF.

Undertake a successful procurement process for the delivery of the residual waste treatment solution.

Engage the Planning team in our requirements for implementing the whole Waste Strategy & Waste Solution program.

Contribute to the development of the National Resources & Waste Development Plan Document (NRWDPD) taking account of responses to the preferred options consultation.

Identify land and sites required to provide waste management services in the future.

Develop partnership working with the community sector.

To achieve our outcomes, in 2010/11 we will:

Use "lot" system during tendering, so inclusive of local opportunities, businesses, SMEs and 3rd sector.

Use the proximity principle in evaluation of proposals.

Continue to use bidders' day and improve their content.

Continue the procurement process for the delivery of the residual waste treatment solution.

Work with Sustainable Development Unit to consider the carbon footprint of the waste management system.

Initiate the Residual Waste Treatment Communications Plan with the final 2 bidders in spring/summer 2010 and with a preferred bidder in autumn 2010.

Take a more active role in developing planning documents within the Leeds Development Framework.

Finalise NRWDPD for pre-submission consultation (summer 2010)

Secure land and sites required to provide waste management services in the future

To achieve our outcomes, in 2011/12 we will

Continue to use the proximity principle in proposal evaluation.

Support technological advances to deliver environmental and economic benefit.

Complete the procurement process for the delivery of the residual waste treatment solution

Measuring Success

We have grouped the success measures from the strategy into the priority areas. The statutory targets, listed below, overarch all the priorities and drive our work forward.

NI 191	Residual household waste per household
NI 192	Household waste recycled, composted or re-used
NI 193	Percentage of municipal waste landfilled
LATS	Landfill Allowance Trading Scheme Targets

Leadership

Number of businesses reached by the Business Waste Handbook and the feedback received. Adoption of the handbook format by other local councils.

Being prepared for changes in legislation and requirements regarding business waste.

Assessing how much commercial and industrial waste is produced in Leeds and advising businesses so the waste is reduced over time.

Assessing how much waste we are getting from SMEs via household waste or HWSS and implementing methods to reduce it.

Involving sustainable waste management and carbon footprint impact in procurements and decision making.

Maintaining ISO14001

An active Waste Strategy Group and active participation in a range of regional and local forums

Waste Prevention

The number of home composters delivered, requests for information and feedback from questionnaires.

Creating a recording system for WEEE and furniture reuse which is informative and auditable.

Using the socially responsible toolkit to find a third sector group to run the shop.

Increasing the number of items/tonnage diverted from landfill by the reuse shop and by reuse organisations.

The number of customers using the shop and the revenue created.

Hits on website pages

Increased take up of nappy scheme due to introduction of sample nappy packs for antenatal classes

Recycling and Composting

Feedback from members of the public and businesses using our services.

Undertaking internal assessments and using the results to improve service provision.

The results of the new recycling and waste collection in Rothwell including the success of the roll out, communications, public feedback and tonnages.

All properties in Leeds have access to SORT collection by December 31st 2010.

Meeting internal and statutory targets for recycling, composting and reuse.

An increase in the use of HWSS and bring sites based on increased tonnages and customer feedback

Treatment and disposal infrastructure

Expanding the range of materials going for re-processing.
Ensuring contracts are in place and deadlines are met.

Meet procurement timescales for new and renewed contractual arrangements

Updating and launching the Waste Strategy Action Plan.

Working with the Planning team to take a more active role in assessing planning documents and advising new planning guidance regarding waste.

Effective implementation of new policies.

A change in behaviour of public

- Food waste presented correctly
- less side waste due to efficient use of bins
- fewer bins left out on highway
- reduction in contamination

Increased local capacity for all wastes

Carbon footprint quantified