



Draft Waste Action Plan for Bolsover

Derbyshire and Derby City Joint Municipal
Waste Management Strategy Review

2013-2026





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1. Introduction

In April 2011 Bolsover District Council (BDC) and North East Derbyshire District Council (NEDDC) formed a 'Strategic Alliance' to work together through shared services including waste management provision.

1.1 Bolsover District Council

The district of Bolsover has a population of 76,320 and covers an area of 62 square miles. Around half of this population live in Bolsover, Clowne, Shirebrook and South Normanton with the remaining in rural areas, villages and hamlets. The district of Bolsover is located close to national road links and urban areas within South Yorkshire and Nottinghamshire.

1.2 Derbyshire Joint Municipal Waste Management Strategy

In 2013 the Derbyshire Waste Partnership (DWP), made up of all the councils in Derbyshire and Derby City Council, reviewed the Derbyshire and Derby City Joint Municipal Waste Management Strategy (DJMWMS). The revised strategy and supporting documentation can be found at: www.derbyshire.gov.uk/wastestrategy

This action plan identifies the specific services that are currently provided or planned by BDC to help achieve the vision and objectives of the strategy. A timetable of activities is given in Table 9 on page 14.





2. Existing Waste Management Services

This section summarises the waste management services currently provided by BDC, covering waste prevention, reuse, recycling, composting, general waste collections and related services. The key waste management services currently offered by BDC are outlined in a set of tables.

In May 2011, the Council introduced a three wheeled bin collection system to increase recycling opportunities for householders. Recycling is collected in a burgundy bin, garden waste in a green bin and general waste in a black wheeled bin. The standard wheeled bin size is 240 litres. Householders can opt for smaller or larger sizes in certain circumstances. The black and burgundy wheeled bins are collected on alternate weeks throughout the year. The garden waste collection service operates on a fortnightly basis from March until November, stopping during the winter months.

2.1 Waste Prevention and Reuse

The Council promotes a range of waste prevention, reduction and reuse initiatives. This includes working with the DWP to promote a range of initiatives such as home composting, food waste reduction (the Love Food Hate Waste campaign), furniture and textile reuse, and real nappies.





2.2 Kerbside Dry Recycling Collection Service

The burgundy wheeled bin has an inner caddy for paper. All other items are placed in the main body of the bin. A small number of properties in rural areas do not have the inner caddy for paper due to the nature of the collection vehicle used for rural rounds. Excess recycle can be deposited in a clear bag alongside the burgundy bin on collection day.

Table 1 - Kerbside Dry Recycling Collection Service (2012/13 data)

Description	Collection Details
Coverage	100% (34,590 households)
Receptacles	240 litre wheeled bin: 100% (34,590 households)
Collection frequency	Fortnightly
Materials collected	Paper, card, cans, glass, mixed plastic, textiles, footwear, batteries, aluminium foil, small household batteries
Service provider	H W Martin Waste Ltd
Term of contract	November 2010 – October 2015 ¹
Tipping point/Destination	Alfreton Recycling Centre (ARC), Clover Nook Waste Transfer Station, Alfreton, Derbyshire.
Tonnage collected 2012/13	6,142 tonnes

¹BDC has an option to extend for a further two years up until 2017.



2.3 Kerbside Garden Waste Collection Service

The garden waste collection service operates on a fortnightly basis throughout from March until November, stopping during the winter months. All households are offered the service and are provided with green wheeled bins. From May 2014 a new food waste collection service began with food waste being collected with garden waste. The waste is made into soil improver at a new in-vessel composting facility at Arkwright, Chesterfield. The suspension of this service during the winter months may be reviewed if the demand or waste levels increase during this period.

Table 2 - Kerbside Garden Waste Collection Service (2012/13 data)

Description	Collection Details
Current coverage	100% of households (34,590) are offered the service
Receptacles	240 litre wheeled bin: 100% (34,590 households)
Collection frequency	Fortnightly
Materials collected	Green garden waste only
Service provider	In-house
Term of contract	Indefinite
Tipping point/destination	Alfreton Recycling Centre (ARC), Treatment at Park Farming Ltd, South Anston, Sheffield
Tonnage collected 2012/13	8,521 tonnes





2.4 Kerbside General Waste Collection Service

The majority of households receive a fortnightly general waste collection service. Side waste is accepted during the Christmas period and in extreme weather conditions. Households with six or more permanent occupants can apply for a larger or additional waste and/or recycling bin. Householders must complete an application form and demonstrate that they are using the available recycling and organic waste collection services. Face to face advice can be given to householders on how to manage their waste if required.

Table 3 - Kerbside General Waste Collection Service (2012/13 data)

Description	Collection Details
Coverage	100% (34,590 households)
Receptacles	240 litre wheeled bin: 99.7% (34,486 households) 360 litre wheeled bin: 0.3% (104 households)
Collection frequency	Fortnightly
Service provider	In-house
Term of contract	Indefinite
Tipping point/Destination	70% Landfill (Erin, Chesterfield) 30% Energy from Waste (via Clover Nook, Alfreton)
Tonnage collected 2012/13	17,402 tonnes

2.5 Bring Sites

The Council currently operates 46 bring sites that complement the kerbside recycling service. In 2012/13 a total of 169 tonnes of materials were collected through the bring sites. A summary of the service offering is provided below in Table 4.

Table 4 - Bring Site Service (2012/13 data)

Material	Number of sites	Tonnage	Collection organisation
Paper	9	42	HW Martin
Mixed glass	11	90	Recresco Ltd
Mixed cans	14	2	Recresco Ltd
Textiles	46	32	Various charity banks
Footwear	14	3	Various charity banks



2.6 Other Waste Collection Services

The Council provides a number of collection services that range from commercial waste, bulky waste from households, healthcare, street litter and fly-tipping. Each service is listed below in Table 5 and shows performance achieved during 2012/13.

Table 5 - Other Waste Collection Services (2012/13 data)

Collection Service	Collection and Performance Details
Commercial and chargeable household waste	Tonnage: 1,463 tonnes Number of customers: 460 Destination: Landfill (Erin, Chesterfield)
Bulky waste	The bulky waste collection service is chargeable with a concessionary rate for householders in receipt of benefits. Tonnage: 350 tonnes Number of appointments: 1,701 Tipping point/destination: Landfill (Erin, Chesterfield) Electrical items are sent to Sims Group (UK) Ltd
Hazardous/Healthcare waste	Hazardous infectious (Category A) are collected separately and disposed via incineration. Less hazardous waste is collected via normal kerbside collections and disposed with other residual household wastes. Tonnage: 106 tonnes Number of collections/customers: 574 Tipping point/destination: Energy from Waste, Eastcroft, Nottingham via Clover Nook transfer station at Alfreton.
Street litter/sweepings (including highways waste)	Tonnage: 661 tonnes Tipping point/destination: Landfill (Erin, Chesterfield)
Fly-tipping (illegal dumping)	Tonnage: 77 tonnes Number of pickups: 827 Tipping point/destination: Landfill (Erin, Chesterfield)



3. Waste Management Service Performance

This section summarises the service performance trends over the past five years and forecasts future performance until 2017/18 based on the new recycling services introduced in 2011.

3.1 Service Performance

Table 6 below highlights the positive impact on recycling performance created by the expansion of the recycling scheme in June 2007 and the introduction of the burgundy recycling bin in May 2011 (this replaced the kerbside box collection service). There has also been a steady increase in green waste (per household) composted. Waste reduction (kg per household) is evident with a significant reduction recorded at the household level.

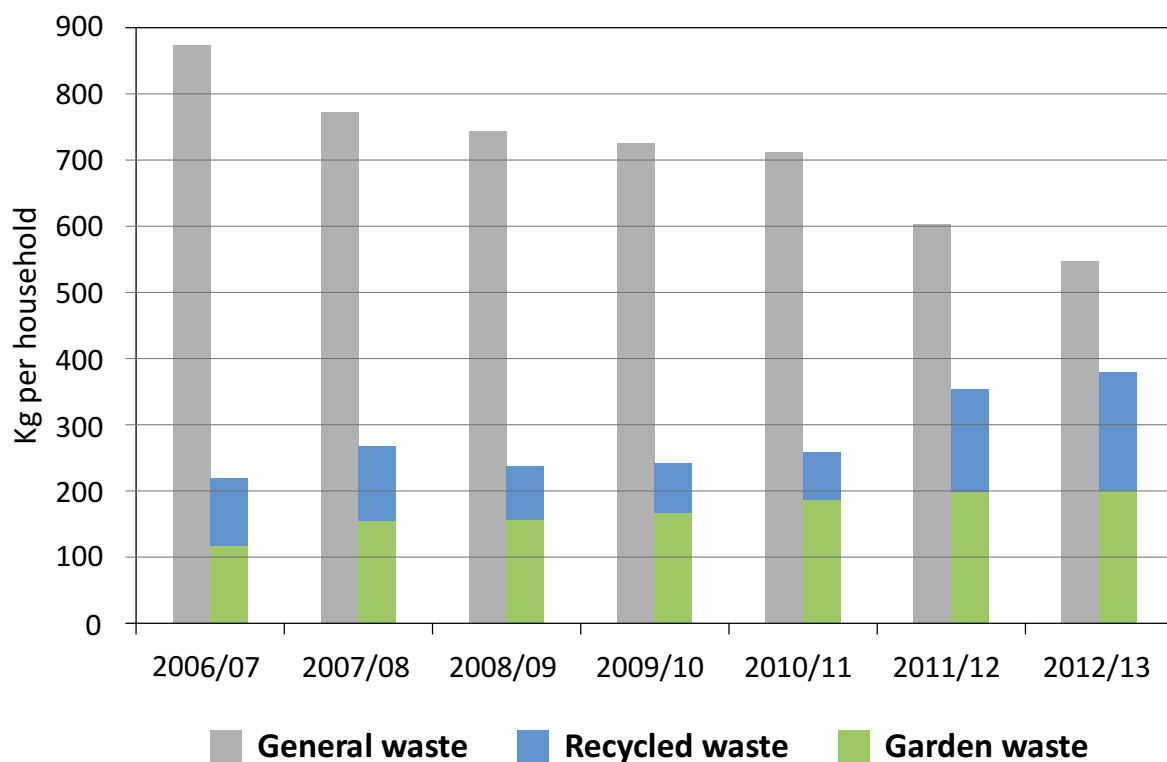
Table 6 - Service Performance 2006/07 – 2012/13

Description of Performance Category	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13
	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Household waste recycled	9.5%	11.0%	10.5%	9.2%	8.8%	16.1%	19.2%
Household waste composted	10.6%	14.8%	15.5%	17.7%	18.7%	20.7%	21.7%
Household waste recycled and composted	20.1%	25.8%	26.0%	26.9%	27.5%	36.8%	40.9%
General household waste collected (per household)	874kg	774kg	745kg	726kg	711kg	604kg	548kg
Garden waste collected (per household)	116kg	154kg	156kg	167kg	186kg	197kg	201kg
Recyclate collected (per household)	104kg	115kg	81kg	74kg	73kg	157kg	178kg
Total waste collected (per household)	1094kg	1043kg	982kg	967kg	970kg	958kg	927kg



Figure 1 illustrates the changes in service performance over the past seven years. This shows that general waste collected has gradually decreased with a significant reduction following the introduction of the third wheeled bin in May 2011. Since then recycling and garden waste collected per household has also significantly increased.

Figure 1 - Service Performance 2006/07 – 2012/13



3.2 Future Performance Projections

BDC is committed to increasing composting by introducing food waste collections and has set a recycling and composting target of 45% to be achieved by March 2015². BDC’s performance projections from 2013/14 to 2017/18 are highlighted in Table 7. BDC has set a target to reduce the quantity of general household waste (non-recycled) collected by 15,000 tonnes (50%) per annum by March 2015.

² Bolsover District Council – Annual Report 2013

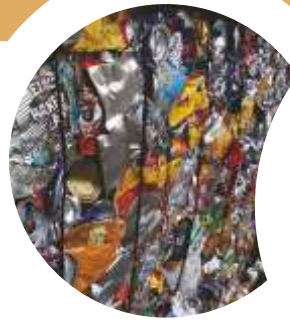
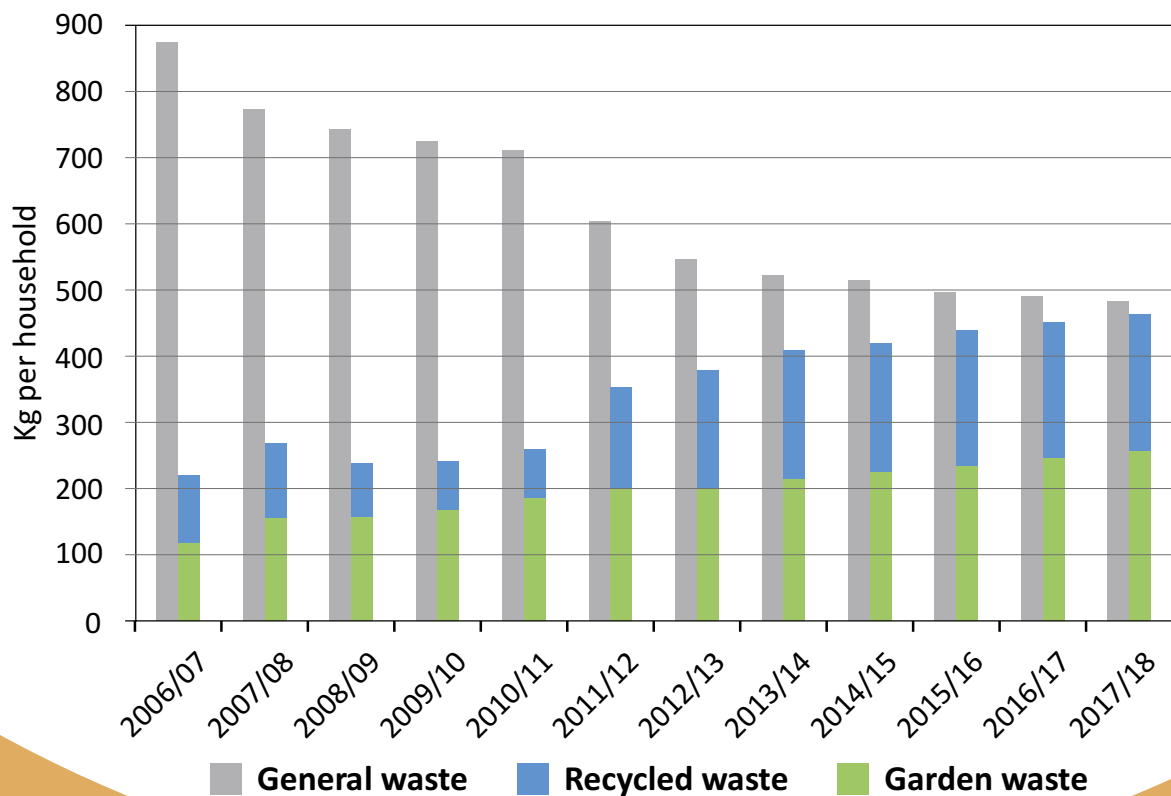


Table 7 - Service Performance Projections

Description of Performance Category	2013/14	2014/15	2015/16	2016/17	2017/18
Household waste recycled	21%	21%	22%	22%	22%
Household waste composted	23%	24%	25%	26%	27%
Household waste recycled and composted	44%	45%	47%	48%	49%
General household waste collected (per household)	522kg	514kg	497kg	490kg	483kg
Green waste collected (per household)	214kg	224kg	234kg	245kg	255kg
Recyclate collected (per household)	195kg	196kg	206kg	207kg	208kg
Total waste collected (per household)	931kg	934kg	937kg	942kg	946kg

Figure 2 - Service Performance Projections 2006/07 – 2017/18





4. Action Plan

A summary of current or planned changes to waste management services by service area is outlined in this section using the delivery options that have been identified in the strategy. These proposals will contribute to the vision and objectives of the strategy and drive change in waste prevention, reuse, recycling and composting by the Council.

4.1 Waste Prevention and Reuse Initiatives

The Council is committed to undertaking a number of initiatives to encourage and promote waste prevention and reuse. The Council's policy is to reduce the standard general waste wheeled bin size from 240 litres to 180 litres. This will be undertaken gradually for new households, when replacement bins are required or on request from households. Households that are provided with larger general waste bins and do not use the available recycling services will have the larger bin replaced with the standard size. Households receiving a larger bin will be reviewed should circumstances change.

The Council will further develop and promote the following initiatives in partnership with the DWP to prevent waste and encourage reuse:

- A home composting scheme provided across the county that offers householders discounted composting bins and composting information.
- The national Love Food Hate Waste promotional campaign provides information and events for householders to reduce food waste by shopping more carefully, planning meals and using up their leftovers.
- Furniture reuse through local furniture projects and third sector organisations to encourage diversion of bulky waste materials from disposal providing good quality furniture to householders on a budget.
- Freecycle, Freegle, waste exchange sites and internet auction websites to encourage reuse.
- Waste prevention within the council to reduce waste and costs.
- The reuse and recycling of electrical and electronic equipment.
- On-going marketing and promotion to maximise waste prevention and reuse by householders.
- Support the County Council in working with charities and encourage householders to donate more items.



4.2 Recycling and Composting Initiatives

Kerbside Dry Recycling Collection Service

The Council will further develop and promote the following initiatives in partnership with the DWP to increase recycling:

- HW Martin Waste Ltd are contracted to deliver the kerbside dry recycling collection service until October 31st 2015. The contract has a focus on increasing participation and a commitment to recycling as much household waste as possible.
- Efforts to minimise contamination and increase public understanding of the importance of putting out the requested material will be further developed. This includes increasing the understanding around which plastics can be accepted for recycling.
- The Council will consider the expansion of materials accepted at the kerbside to include plastic film, cardboard beverage packaging and small electrical items.

Kerbside Garden Waste Collection Service

The Council will further develop and promote the following initiatives in partnership with the DWP to increase composting:

- On-going marketing and promotion will help to maximise composting activity by householders.
- The development of the Arkwright In-Vessel Composting plant, which opened in May 2014, will enable the Council to collect food waste with garden waste. The Council will utilise Derbyshire County Council funding to provide and promote kitchen caddies and will embark on an extensive promotional campaign to encourage householders and commercial premises to use the new services.





Kerbside General Waste Collection Service

The Council will further develop and promote the following initiatives in partnership with the DWP to reduce general waste:

- **There are no planned operational changes to the general waste collection service. The service will continue to be provided by council staff.**
- **The Council plans to reduce the general waste wheeled bin size from 240ltr to 180 ltr to reflect reducing amounts of general waste collected. This will be on a gradual basis at new build properties and as bins require replacement. Fortnightly general waste collections will continue.**

Bring Sites

The bring site service provision and performance will be reviewed and consideration will be given to reducing or removing these sites depending on the usage of the sites.

Other Waste Collection Services

Bulky waste collection service arrangements will be reviewed and consideration will be given to if and how the items could be reused and recycled. The Waste (England and Wales) Regulations 2011 requires waste collection authorities to take reasonable measures to provide separate multi material collections to its commercial customers, schools and businesses. The existing customers will be offered kerbside recycling services following a trial in 2013/14.

4.3 Communication and Promotional Activity

The Council will continue to pursue a wide range of promotional activity and pursue funding opportunities where ever possible to facilitate this.

The Council will focus on promoting the new food waste collection service in 2014. In 2013/14 a recycling promotion assistant was funded through the Waste Performance and Efficiency Grant. This post is for both NEDDC and BDC with the post focussing primarily on the roll out of the food waste collection service, developing services and resolving any issues with the current collection services.

4.4 Carbon Improvement Measures

The Council is continuously working towards operating efficient collection arrangements where feasible. Service provision is reviewed regularly to maximise carbon benefits. One example is the current trial of electric bin lifts that reduce diesel fuel use and carbon emissions.



4.5 Risk Assessment

The potential risks associated with delivering actions are identified in Table 8.

Table 8 - Potential Risks

Issue	Description	Mitigation	RiskLevel		
			High	Med	Low
Availability of the In-vessel composting facility at Arkwright from April 2014	Construction of the facility may delay planned roll out of the mixed food and garden waste scheme.	Seek to promote the Love Food Hate Waste campaign and home composting in the interim.		X	
Legislative change	Unknown issues that could affect day to day operations.	Work with DWP to lobby government and respond to consultations.		X	
Changing consumer behaviour/ consumption patterns	Increase or reduction in yields of food waste, garden and recycling.	Review waste prevention, recycling and reuse systems to ensure effective material capture.		X	
Bulky waste diversion	Availability of suitable outlets to divert reusable bulky waste items.	Review all furniture reuse organisations operating within the region.		X	
Lack of markets for additional items for kerbside material expansion	Unable to source a reliable local market for items such as small electricals, cardboard beverage packaging and plastic film.	Continue to promote waste prevention and work with DWP to lobby for continued packaging reform.			X



4.6 Action Plan Timetable

This action plan identifies the key actions of the strategy that BDC will undertake between 2013 and 2018. The timetable shown in Table 9 identifies specific actions and initiatives that contribute to the vision and objectives of the waste strategy.

Table 9 - Action Plan Timetable

	Action	2013/14				2014/15				2015/16				2016/17				2017/18			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Prevention	1 Review the non-collection of extra general waste put at the side of the main bin			■	■																
	2 Promote SMART (Save Money and Reduce Trash) shopping to encourage households to buy items with less packaging, use reusable bags and buy refill packs							■				■			■						■
	3 Promote the Love Food Hate Waste campaign	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	4 Raise awareness of reducing junk mail							■				■			■					■	
	5 Encourage waste prevention as part of the Council's own activities and operations					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	6 Make bins for general waste smaller to encourage more recycling & composting through gradual replacement			■	■																
	7 Run more promotional campaigns to schools and householders to encourage everyone to minimise waste	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Reuse	8 Review and seek opportunities to increase the reuse of furniture and large items collected by councils							■				■			■				■		
	9 Run more promotional campaigns to schools and householders to encourage everyone to reuse waste	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Recycling & Composting	10 Make sure that households know what can be recycled and composted and checking that the right materials are placed in the right bins					■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	11 Recycle more waste collected by the councils from businesses							■	■	■											
	12 Collect food waste with garden waste							■	■												
	13 Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Other	14 Review and consider increasing the range of materials collected for recycling from households							■				■			■					■	
	15 Align bulky waste collection service with NEDDC							■	■												
	16 Review bring site service provision			■	■	■															
Other	17 Review overall waste management policies	■	■										■	■							
	18 Kerbside recycling contract review/renewal														■	■	■	■			
	19 Action Plan review (to include review of Strategy options)					■				■			■				■				

Responsibility: ■ BDC ■ BDC & NEDDC ■ DWP

A progress review of the action plan will take place on an annual basis and also when fundamental changes or significant deviations from projected performance occur. There will also be a complete review at the point of the next DJMWMS review in 2018.



4.7 Delivery of the Strategy

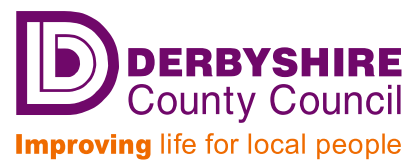
The matrix below identifies how BDC's actions set out in this report contribute to the objectives of the strategy. Where an action set out by BDC directly contributes to a strategy objective it is coloured blue and where an action partially contributes to a strategy objective it is coloured green.

Table 10 - Action Plan Contribution to the Delivery of the Strategy

		Action	Objectives										
			Reduced waste	Increased reuse and recycling of waste	Reduced waste to landfill	Increased understanding and engagement leading to high levels of customer satisfaction	An accessible, efficient, effective and value for money service	Improved Resource Efficiency	Reduced carbon/climate change impacts	Protection of natural resources	Management of non-household wastes	Local self-sufficiency	
Prevention	1	Review the non-collection of extra general waste put at the side of the main bin											
	2	Promote SMART (Save Money and Reduce Trash) shopping to encourage households to buy items with less packaging, use reusable bags and buy refill packs											
	3	Promote the Love Food Hate Waste campaign											
	4	Raise awareness of reducing junk mail											
	5	Encourage waste prevention as part of the Council's own activities and operations											
	6	Make bins for general waste smaller to encourage more recycling & composting through gradual replacement											
	7	Run more promotional campaigns to schools and householders to encourage everyone to minimise waste											
Reuse	8	Review and seek opportunities to increase the reuse of furniture and large items collected by councils											
	9	Run more promotional campaigns to schools and householders to encourage everyone to reuse waste											
Recycling & Composting	10	Make sure that households know what can be recycled and composted and checking that the right materials are placed in the right bins											
	11	Recycle more waste collected by the councils from businesses											
	12	Collect food waste with garden waste											
	13	Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost											
Other	14	Review and consider increasing the range of materials collected for recycling from households											
	15	Align bulky waste collection service with NEDDC											
	16	Review bring site service provision											
	17	Review overall waste management policies											
	18	Kerbside recycling contract review/renewal											
	19	Action Plan review (to include review of Strategy options)											

■ Direct contribution to objective

■ Indirect/partial contribution to objective



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Visit **www.derbyshire.gov.uk/wastestrategy**
for more information about reducing, reusing, recycling and composting
or to find out more about dealing with Derbyshire and Derby's waste.