



Waste Action Plan for South Derbyshire

**Derbyshire and Derby City Joint Municipal
Waste Management Strategy
2013-2026**



January 2017



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1. Introduction

1.1 South Derbyshire District Council

South Derbyshire District Council (SDDC) covers an area of 130 square miles with a population of 99,100 and housing stock of 42,000. Southern Derbyshire is situated south of Derby City and is between the towns of Burton-on-Trent and Ashby-de-la-Zouch. It has two main towns of Melbourne and Swadlincote. Population and housing trends are increasing at a rate greater than the national average.

1.2 Derbyshire and Derby City 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 for 2017 identifies the specific services that are currently provided or planned by SDDC to help achieve the vision and objectives of the strategy. A timetable of activities is given in Table 8 on page 16.





2. Existing Waste Management Services

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

Recycling is collected through the Easy Green Recycling Scheme which provides residents with a green wheeled bin for glass, cans, plastics, aerosols and foil; an inner caddy inside the green bin for paper/card and a red sack for household textiles. Mixed garden and food waste is collected in a brown wheeled bin for the majority of properties and general waste is collected in a grey wheeled bin. The standard bin size is 240 litres and householders can opt for smaller or larger sizes in certain circumstances. All services are collected on alternate weeks throughout the year.

2.1 Waste Prevention and Reuse

The Council supports 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, real nappies etc.





2.2 Kerbside Dry Recycling Collection Service

Residents are provided with a 240 litre green bin for glass, cans, household plastics, foil and aerosols. A black inner caddy is for paper and cardboard, plus a red sack for textiles. All households receive the recycling collection service. Pizza boxes and black plastic items are not collected via this service.

Table 1 - Kerbside Dry Recycling Collection Service (2015/16 data)

| Description | Collection Details |
|---------------------------|---|
| Coverage | 100% 42,000 households |
| Receptacles | 240 litre wheeled bin with inner caddy: 100% (42,000 households). Non reusable sack (textile): 100% (42,000 households). |
| Collection frequency | Fortnightly |
| Materials collected | Paper, cans, glass, textiles, aluminium foil, aerosols, foil, household plastics and cardboard |
| Service provider | Palm Recycling |
| Term of contract | 8 years 2013 - 2021 |
| Tipping point/Destination | Ensor Holdings, Swadlincote, Derbyshire |
| Tonnage collected 2015/16 | 7,113 tonnes collected |



2.3 Kerbside Garden Waste Collection Service

The organic waste collection service operates on a fortnightly basis throughout the year. All households are offered the service.

Table 2 - Kerbside Mixed Garden and Food Waste Collection Service (2015/16 data)

| Description | Collection Details |
|---------------------------|--|
| Current coverage | 100% of households are offered the service |
| Receptacles | Non-reusable sacks: 1.1% (450 households) 140 litre wheeled bin: 1.0% (420 households) 240 litre wheeled bin: 96.8% (38,998 households) Communal wheeled bin: 1.1% (432 households) |
| Collection frequency | Fortnightly |
| Materials collected | Mixed garden and food waste |
| Service provider | In-house |
| Term of contract | May 2019 |
| Tipping point/destination | Biffa Waste Service (Etwall) Limited |
| Tonnage collected 2015/16 | 11,623 tonnes |





2.4 Kerbside General Waste Collection Service

All householders are offered a fortnightly general waste collection service. Side waste is accepted following missed collections due to extreme weather conditions only. Households with six or more permanent occupants can apply for a larger or additional waste and/or recycling bin.

Table 3 - Kerbside General Waste Collection Service

| Description | Collection Details |
|---------------------------|---|
| Coverage | 100% (42,000 households) |
| Receptacles | 140 litre wheeled bin: 0.5% (203 households) 240 litre wheeled bin: 98% (39,847 households) 360 litre wheeled bin: 1.0% (407 households) Communal bin: 0.5% (203 households) |
| Collection frequency | Fortnightly |
| Service provider | In-house |
| Tipping point/destination | 99% Energy from Waste and 1% landfill via Raynesway, Derby and Willshees, Burton Waste Transfer Stations |
| Tonnage collected 2015/16 | 20,876 tonnes |



2.5 Bring Sites

The Council currently operates 9 bring sites that complement the kerbside recycling collection service. In 2015/16 a total of 164 tonnes of materials were collected through the bring sites. A summary of the service offering is provided in Table 4.

Table 4 - Bring Site Service (2015/16 data)

| Material | Number of sites | Tonnage | Collection organisation |
|----------------------------|-----------------|---------|-------------------------|
| Mixed glass | 8 | 66 | Berrymans |
| Brown glass | 7 | 2 | Berrymans |
| Green glass | 7 | 6 | Berrymans |
| Clear glass | 7 | 7 | Berrymans |
| Aluminium cans | 8 | 66 | Schuller |
| Steel cans | 8 | 1 | Schuller |
| Mixed plastic bottles | 8 | 14 | Schuller |
| Cardboard beverage cartons | 5 | 1 | Print Waste |
| Textiles and footwear | 6 | 31 | Salvation Army |
| Small Electricals | 1 | 44 | Advantage Waste Brokers |

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 2014/15.

Table 5 - Other Waste Collection Services (2015/16 data)

| Collection Service | Collection and Performance Details |
|---|--|
| Commercial and chargeable household waste | Tonnage: 896 tonnes Number of customers: 574 Destination: Raynesway Waste Transfer Station, Derby. |



| Collection Service | Collection and Performance Details |
|-------------------------------|---|
| Bulky waste | <p>The bulky waste collection service is chargeable.</p> <p>Tonnage: 132 tonnes (disposal) and 33 tonnes (reuse and recycled)</p> <p>Tipping point/destination: Raynesway Waste Transfer Station, Derby.</p> <p>Electrical items are separated for recycling through a nominated contractor and furniture is sent to Happy Homes furniture shops.</p> |
| Hazardous/Healthcare waste | <p>Tonnage: 64 tonnes</p> <p>Number of collections/customers: 1400</p> <p>Tipping point/destination: Avonmouth Incinerator, Bristol</p> |
| Street litter/sweepings | <p>Tonnage: 1,313 tonnes</p> <p>Tipping point/destination: Willshees, Burton and Raynesway Waste Transfer Station, Derby.</p> |
| Highways waste | <p>Tonnage: 309 tonnes</p> <p>Tipping point/destination: Willshees, Burton and Raynesway Waste Transfer Station, Derby.</p> |
| Fly-tipping (illegal dumping) | <p>Tonnage: 154 tonnes</p> <p>Number of pickups: 498</p> <p>Tipping point/destination: Willshees, Burton and Raynesway Waste Transfer Station, Derby.</p> |
| Community skip collections | <p>Tonnage: 173 tonnes</p> <p>Number of days service is offered: 48</p> <p>Tipping point/destination: Willshees, Burton and Raynesway Waste Transfer Station, Derby.</p> |



3. Waste Management Service Performance

This section summarises the service performance trends over the past eight years and forecasts future performance until 2018.

3.1 Service Performance

Table 6 highlights the changes in all waste streams (collected per household) in the past five years. Recyclables (kg per household) dipped in 2012/13 but has been increasing since then. Garden waste (kg per household) has remained static over the last few years.

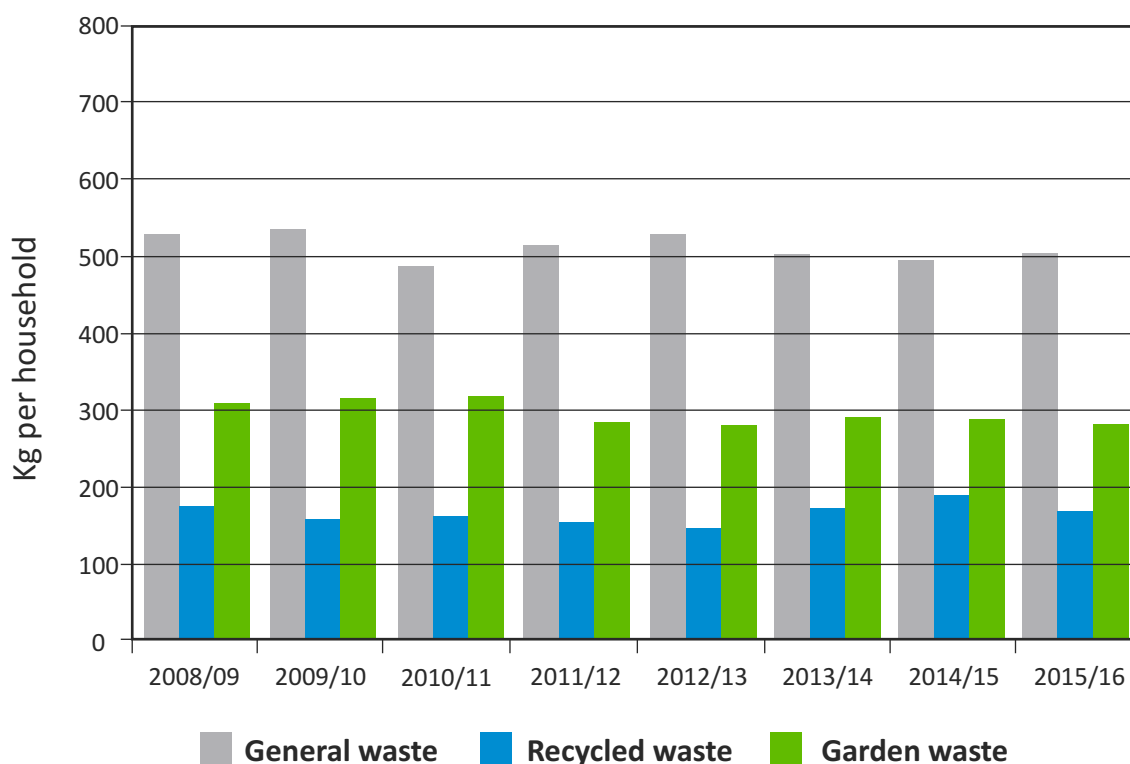
Table 6 - Service Performance 2008/09 - 2015/16

| Description of Performance Category | 2008/09 | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
|---|----------------|----------------|--------------|--------------|--------------|---------------|---------------|---------------|
| | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual |
| Household waste recycled | 17.4% | 15.8% | 16.4% | 16.4% | 15.5% | 17.98% | 19.23% | 17.69% |
| Household waste composted | 30.6% | 31.5% | 32.8% | 30.1% | 29.7% | 30.15% | 26.76% | 29.40% |
| Household waste recycled and composted | 48.0% | 47.3% | 49.2% | 46.5% | 45.2% | 48.13% | 48.99% | 47.09% |
| General household waste collected (per household) | 527kg | 530kg | 493kg | 509kg | 523kg | 501kg | 497kg | 507kg |
| Garden waste collected (per household) | 310kg | 317kg | 318kg | 285kg | 282kg | 291kg | 290kg | 282kg |
| Recyclables collected (per household) | 175kg | 159kg | 161kg | 155kg | 148kg | 174kg | 190kg | 170kg |
| Total waste collected (per household) | 1,012kg | 1,007kg | 971kg | 950kg | 953kg | 966kg | 977kg | 959kg |



Figure 1 illustrates the changes in service performance over the past eight years is provided below. This shows the fluctuation in the general waste and the reduction trend of both the organic and recycling service performance.

Figure 1 - Service Performance Trend 2008/09 - 2015/16



3.2 Future Performance Projections

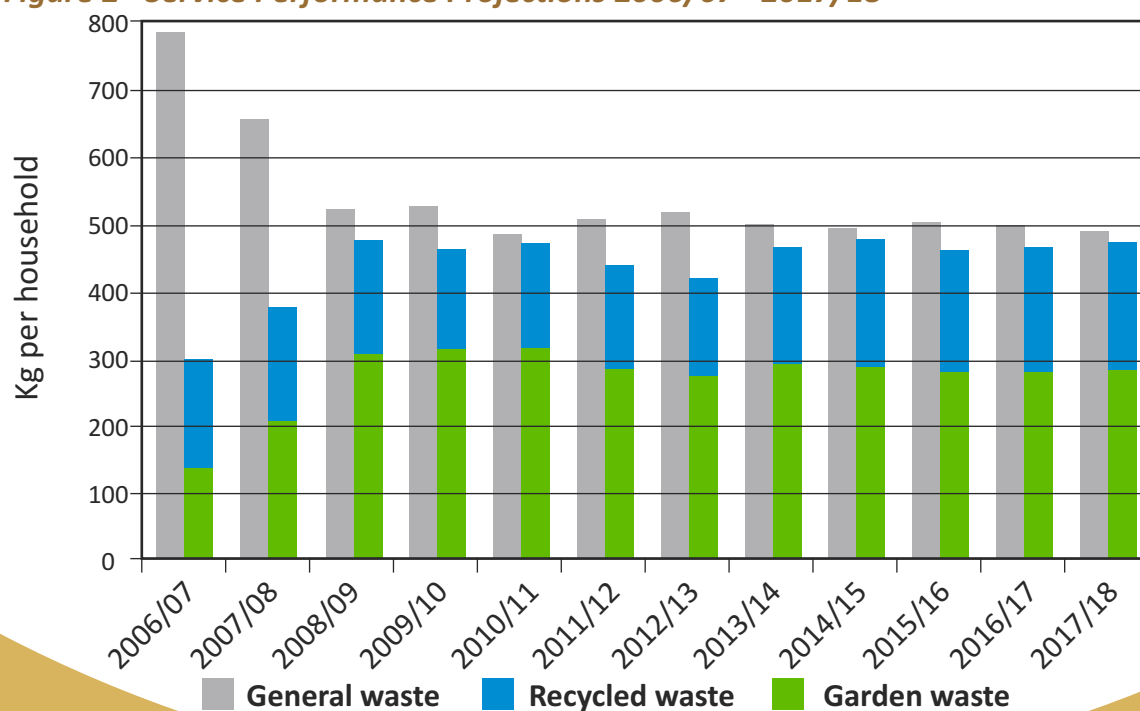
SDDC performance projections from 2013/14 to 2017/18 are outlined in the table below. Figure 2 shows the overall trend from actual (Figure 1) to projected performance up until 2017/18. This projects an increase in recycling following the introduction of a new kerbside scheme from October 2013 that will support the reduction of general household waste collected per household. Organic waste is predicted to remain steady.



Table 7 - Service Performance Projections

| Description of Performance Category | 2013/14 Actual | 2014/15 Actual | 2015/16 Actual | 2016/17 Projected | 2017/18 Projected |
|---|----------------|----------------|----------------|-------------------|-------------------|
| Household waste recycled | 17.98% | 19.23% | 17.69% | 19.19% | 20.5% |
| Household waste composted | 30.15% | 26.76% | 29.40% | 30.5% | 30.6% |
| Household waste recycled and composted | 48.13% | 48.99% | 47.09% | 49.69% | 51.10% |
| General household waste collected (per household) | 501kg | 497kg | 507kg | 500kg | 492kg |
| Garden waste collected (per household) | 291kg | 290kg | 282kg | 283kg | 286kg |
| Recyclables collected (per household) | 174kg | 190kg | 170kg | 184kg | 189kg |
| Total waste collected (per household) | 966kg | 977kg | 959kg | 967kg | 967kg |

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





4. Action Plan

A summary of current or planned changes to waste management services 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. An effective side waste policy is implemented. Households receiving a larger bin will be reviewed should circumstances change. The services of furniture reuse organisations are promoted and bulky waste diverted where possible for reuse.

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 compost bins and composting information.**
- **The national Love Food Hate Waste promotional campaign providing 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 households 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:

- Palm Recycling are contracted to deliver the kerbside dry recycling collection service from October 7 2013 until October 2021. The new service will provide 240 litre wheeled bins, with an inner caddy for paper, to all households. This will replace the current kerbside box and bag scheme. Cardboard and mixed rigid plastic will now be collected at the kerbside.
- Efforts to minimise contamination and increase public understanding of the new service will be promoted.
- On-going marketing and promotion will help to maximise recycling activity by householders.

Kerbside Organic Waste Collection Service

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

- Contamination is infrequent with enforcement on-going.





Kerbside General Waste Collection Service

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

- The Council are planning a service review by May 2015 when the in-house service contract reaches completion.
- The Council may consider a reduction in the standard general waste wheeled bin size for new properties or those requiring replacement bins. This would be gradual and is currently under consideration.
- In the longer term the frequency of the general waste collection service may be reviewed.

Bring Sites

The bring site service provision will be reviewed from March 2014 to assess overall requirements and demand following implementation of the new kerbside collection scheme.

Other Waste Collection Services

Opportunities to promote reuse options for the bulky waste collection services will be investigated.

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 current commercial waste service provision will undergo an operational reviewed from April 2014. A trial recycling collection service for cardboard is currently offered to a small number of customers. The options to offer the existing customer base the new kerbside recycling will be considered.



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.

Significant promotional activity is currently being undertaken since August 2013 that includes twelve road shows to inform and educate householders about the new kerbside recycling collection service.

4.4 Carbon Improvement Measures

The Council is continuously working towards operating efficient collection arrangements where feasible. Tipping points are reviewed regularly to make sure that travel is efficient where possible to maximise carbon benefits. The Council is also considering a four day working week allowing for the additional day to provide training for drivers, for example.



4.5 Risk Assessment

This section identifies some potential risks associated with achieving the targets and delivering actions identified within this plan e.g. legislative change, changing waste composition, waste disposal costs etc.

Table 7 - Potential Risks

| Issue | Description | Mitigation | Risk Level | | |
|--|---|---|------------|-----|-----|
| | | | High | Med | Low |
| Reducing Budget | Council Overall General Fund Budget reduced by £1m over next 3 years | Ongoing service reviews to reduce spend | | 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. Ensure services have potential to cope with changes in tonnages. | | X | |
| Bulky waste diversion | Availability of suitable outlets to divert reusable and repairable bulky waste items. | Review all furniture reuse organisations operating within South Derbyshire and understand service offering and quality of items accepted. | | X | |



4.6 Action Plan Timetable

This action plan identifies the key actions of the strategy that SDDC will undertake between 2013 and 2018. The timetable shown in Table 8 identifies specific actions and initiatives that contribute to the vision and objectives of the waste strategy.

Table 8 - 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 Run more promotional campaigns to schools and householders to encourage everyone to minimise waste | | | | | | | | | | | | | | | | | | | | |
| | 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 Consider options to make bins for general waste smaller to encourage more recycling & composting | | | | | | | | | | | | | | | | | | | | |
| Reuse | 7 Review and seek opportunities to increase the reuse of furniture and large items collected by councils | | | | | | | | | | | | | | | | | | | | |
| | 8 Run more promotional campaigns to schools and householders to encourage everyone to reuse waste | | | | | | | | | | | | | | | | | | | | |
| Recycling & Composting | 9 Collect a greater range of materials for recycling & composting from households and at recycling centres | | | | | | | | | | | | | | | | | | | | |
| | 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 Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost | | | | | | | | | | | | | | | | | | | | |
| | 12 Review options to recycle more waste collected by the councils from businesses | | | | | | | | | | | | | | | | | | | | |
| | 13 Review and consider increasing the range of materials collected for recycling from households | | | | | | | | | | | | | | | | | | | | |
| Other | 14 Implement recycling collection policies | | | | | | | | | | | | | | | | | | | | |
| | 15 Compost treatment contract renewal | | | | | | | | | | | | | | | | | | | | |
| | 16 General waste collection service review | | | | | | | | | | | | | | | | | | | | |
| | 17 Consider general waste collection frequency review | | | | | | | | | | | | | | | | | | | | |
| | 18 Review bring site service provision | | | | | | | | | | | | | | | | | | | | |
| | 19 Review overall waste management policies | | | | | | | | | | | | | | | | | | | | |
| | 20 Action Plan review (to include review of strategy options) | | | | | | | | | | | | | | | | | | | | |

Responsibility: ■ SDDC ■ DWP ■ Completed


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 2018.



4.7 Delivery of the Strategy

The matrix below identifies the impact the actions set out by SDDC should contribute to the strategy objectives. Where an action set out by SDDC achieves a strategy objective it is coloured blue and where an action partially achieves a strategy objective it is coloured green.

Table 9 - Action Plan Contribution to the Delivery of the Strategy

| | | | | | | | | | | | |
|--|----|---|--|---------------------------|--|---|------------------------------|---------------------------------------|---------------------------------|------------------------------------|------------------------|
|  | | Objectives | | | | | | | | | |
| Action | | 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 | Run more promotional campaigns to schools and householders to encourage everyone to minimise waste | | | | | | | | | |
| | 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 | Consider options to make bins for general waste smaller to encourage more recycling & composting | | | | | | | | | |
| Reuse | 7 | Review and seek opportunities to increase the reuse of furniture and large items collected by councils | | | | | | | | | |
| | 8 | Run more promotional campaigns to schools and householders to encourage everyone to reuse waste | | | | | | | | | |
| Recycling & Composting | 9 | Collect a greater range of materials for recycling & composting from households and at recycling centres | | | | | | | | | |
| | 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 | Run more promotional campaigns to schools and householders to encourage everyone to recycle and compost | | | | | | | | | |
| | 12 | Review options to recycle more waste collected by the councils from businesses | | | | | | | | | |
| | 13 | Review and consider increasing the range of materials collected for recycling from households | | | | | | | | | |
| Other | 14 | Implement recycling collection policies | | | | | | | | | |
| | 15 | Compost treatment contract renewal | | | | | | | | | |
| | 16 | General waste collection service review | | | | | | | | | |
| | 17 | Consider general waste collection frequency review | | | | | | | | | |
| | 18 | Review bring site service provision | | | | | | | | | |
| | 19 | Review overall waste management policies | | | | | | | | | |
| | 20 | 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.