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| <b>REPORT TO:</b>              | <b>Environmental and Development Services Committee</b>                           | <b>AGENDA ITEM: 8</b>            |
| <b>DATE OF MEETING:</b>        | <b>10<sup>th</sup> April 2014</b>   | <b>CATEGORY:</b>                 |
| <b>REPORT FROM:</b>            | <b>Bob Ledger – Director of Housing and Environmental Services</b>                | <b>OPEN</b>                      |
| <b>MEMBERS' CONTACT POINT:</b> | <b>Adrian Lowery – Direct Services Manager</b>                                    | <b>DOC:</b>                      |
| <b>SUBJECT:</b>                | <b>Derbyshire and Derby City Joint Municipal Waste Management Strategy Review</b> | <b>REF:</b>                      |
| <b>WARD(S) AFFECTED:</b>       | <b>District Wide</b>  | <b>TERMS OF REFERENCE: EDS07</b> |

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## **1. Recommendations**

- 1.1 That Members approve in principle the revised version of the Derbyshire and Derby City Joint Municipal Waste Management Strategy, which includes the South Derbyshire District Council Action Plan, prior to a final report being submitted for formal adoption by the Council in July 2014.

## **2. Purpose of Report and Summary**

- 2.1 To review of the Derby and Derbyshire Joint Municipal Waste Management Strategy 2006 and the South Derbyshire District Council Action Plan contained within the Strategy.
- 2.2 To seek member support for an SDDC waste action plan.
- 2.3 The County Council has undertaken public consultation to find out what residents think of the proposed draft strategy, draft individual council waste action plans and the Strategic Environment Assessment draft environment report.
- 2.4 The key document for consideration is the South Derbyshire Action plan. Due to previous investment in recycling and composting we have out performed most of the other Derbyshire authorities. In addition we have already put in place the services which should see us exceed our statutory target of 50% and meet the strategy's long term target of 55% waste recycled/composted.

## **3. Detail**

- 3.1 The Derbyshire Waste Partnership (DWP) comprising Derbyshire County Council and Derby City Council, in partnership with the eight Derbyshire district/borough councils, has been reviewing the strategy for dealing with Derbyshire's waste - the Derby and Derbyshire Joint Municipal Waste Management Strategy 2006 (DJMWMS).

- 3.2 SKM Enviros (a specialist consultancy firm) was commissioned by Derbyshire County Council in January 2012 to support the DWP with the strategy review process. The proposed strategy will provide the objectives, policies, actions and targets to be delivered from 2014 – 2030 with regard to local authority municipal waste management.
- 3.3 The full suite of draft strategy documents can be viewed by following this link [Dealing with Derbyshire Waste](#)
- 3.4 The formation of the strategy entailed an options appraisal process. Key stages in the options appraisal process have included:
- Identifying key issues/drivers for the strategy by considering the policy and legislative context.
  - Identifying a 'long list' of options for delivering the waste strategy outcomes and objectives, through workshop sessions with officers, elected members and stakeholders.
  - A short listing exercise to refine the long list of options. This involved a high level assessment of the contribution of each option to the strategic outcomes and practicalities of delivery. The assessment incorporated input from officers, elected members and stakeholders through workshop sessions.
  - Developing weighted evaluation criteria, based on the strategic outcomes, to assess the short list of options.
  - Undertaking a detailed appraisal of the technical and financial performance of each of the short listed options, including consultation with officers, elected members and stakeholders on the outputs of the options appraisal process and implication of the options.
- 3.5 The first step in developing the waste strategy objectives was to identify key policy drivers and related objectives within other relevant strategies and plans (e.g. the revised Waste Framework Directive), as these formed the basis of an initial set of potential strategic outcomes and allowed the potential outcomes to be assessed against the current position. This information was also used as part of the Strategic Environmental Assessment (SEA).
- 3.6 The selected policy documents were reviewed for common themes and a list of forty themes driving policy and strategy related to waste management at the national, regional and local level were identified for consideration.
- 3.7 The second element of this task was to agree and define the strategic outcomes and then convert them into a set of strategic objectives. This was achieved by a series of facilitated workshops with officers, elected members from the City, County and district and borough councils and stakeholders. A list of 13 strategic outcomes was derived from the 40 key themes and refined into a draft vision for the Strategy.
- 3.8 The potential outcomes were refined at the 'Outcomes and Objectives' workshops to allow discussion of the potential delivery options, into a draft vision for the Strategy.
- 3.9 The resultant draft Derbyshire and Derby City Joint Municipal Waste Management Strategy aims to deliver a sustainable waste management service that achieves:
- Reduced waste arisings
  - Increased reuse and recycling of waste

- Reduced waste to landfill and gaining greater value from waste that is left over for disposal
- Increased understanding and engagement leading to high levels of customer satisfaction
- An accessible, efficient, effective and value for money service

And contributes towards:

- Improved resource efficiency
- Reduced carbon / climate change impacts
- Protection of natural resources
- The management of non-household wastes

- 3.10 Waste prevention options relate to the development and management of policies that restrict waste generation or disposal. For example restricting residual waste capacity, and options related to the promotion and operation of campaigns that through targeted actions attempt to change householder behaviour e.g. promoting “Love Food, Hate Waste” (LFHW) campaigns.
- 3.11 Each option from the 'long list of options' was assessed against the contribution of the option to the strategic outcomes. The assessment was based on whether the option would have a Low (L) or Significant (S) contribution or was left blank if there was deemed to be limited/no contribution to the strategic outcome.
- 3.12 Each option was evaluated from a deliverability perspective. The deliverability assessment considered the practicalities of delivery i.e. how practical the option would be to deliver, political acceptability and the cost to implement and/or sustain the option.
- 3.13 The quantitative assessment of options has involved modelling of waste flows and recycling performance using a waste flow model combined with industry knowledge of likely performance changes for each option. Ecological footprint and carbon dioxide (equivalent) emissions have been calculated using the Environment Agency Waste and Resource Assessment Tool for the Environment (WRATE) model.
- 3.14 Cost has been assessed by producing a total estimate for each option which enables each option to be compared based on the estimated annual operational cost of implementing the change and incorporating any saving made through waste reduction or avoided landfill disposal.
- 3.15 The short listed options went through a detailed options appraisal, the purpose of which was not to reduce the short list of options any further but to compare their performance from both a technical and cost perspective so that the ability of each option to deliver the strategic objectives of the Strategy can be understood. The options appraisal process has highlighted a range of good practice measures that will enable delivery of the vision of the DWP through a range of delivery options. All options are retained as part of the suite of options available to the partners in the delivery of the Strategy.
- 3.16 Those options which performed well include:
- reduced residual bin size/capacity;
  - lower frequency of residual collection supported by a weekly food waste collection and sanitary waste collection;
  - separate food waste collection; and
  - education/behaviour campaigns e.g. Love Food Hate Waste.

3.17 As the DJMWMS is implemented it will be for each council to identify and prioritise the options that they feel will best achieve the overall strategic outcomes. The individual District Council Action Plans (DCAPs) will have a key role to play in this and should enable flexible local delivery of the DJMWMS and take account of local factors, for example contractual constraints and cost of implementing at the local level. The DCAP will set out which options each council has selected to implement along with process steps and a timetable for action.

4. **The South Derbyshire Action Plan** is summarised as.

#### 4.1 **Waste Prevention and Reuse Initiatives**

4.1.1 The Council is already committed to a number of initiatives to encourage and promote waste prevention and reuse:

- An effective side waste policy is already in operation.
- Households receiving a larger bin are reviewed should circumstances change.
- The services of furniture reuse organisations are promoted and bulky waste diverted where possible for reuse.

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

- The home composting scheme (provided across the county providing discounted bins and composting information for Derbyshire householders).
- The national Love Food Hate Waste promotional campaign which 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.

#### 4.2 **Kerbside Dry Recycling Collection Service**

4.2.1 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<sup>th</sup> 2013 until October 2021. The new service provides 240 litre wheeled bins, with an inner caddy for paper, to all households. Cardboard and mixed rigid plastic are now collected at the kerbside. Within the contract there is an obligation on both parties to seek to extend the range of materials collected.
- Seek to minimise contamination and increase public understanding of the new service.
- On-going marketing and promotion will help to maximise recycling activity by householders.

### **4.3 Kerbside Organic Waste Collection Service**

- 4.3.1 The Council will further develop and promote the following initiatives in partnership with the DWP to increase composting:
- The compost treatment contracts are due for renewal in 2014/15. The current contracts are with Biffa (Etwall) and Vital Earth (Derby) Ltd. The Council will explore ways of enhancing these contracts.
  - The continued rejection and enforcement in relation to contaminated bins.

### **4.4 Kerbside General Waste Collection Service**

- 4.4.1 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
  - The Council may consider a reduction in the standard general waste wheeled bin size for new properties or those requiring replacement bins at an appropriate time in the future. This would be gradual and is currently proposed to be considered as part of the May 2015 service review.

### **4.5 Bring Sites**

- 4.5.1 The bring site service provision was amended and reduced from March 2014 to reflect reduced demand following implementation of the new kerbside collection scheme and avoid duplication of service. However the level of bring site provision will be kept under review.

### **4.6 Other Waste Collection Services**

- 4.6.1 Opportunities to further promote reuse options for the bulky waste collection services will be investigated by 2015.
- 4.6.2 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 review 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.

### **4.7 Communication and Promotional Activity**

- 4.7.1 The Council will continue to pursue a wide range of promotional activity and utilise both internal and external funding opportunities where ever possible to facilitate this.
- 4.7.2 Significant promotional activity was undertaken in the summer of 2013, including twelve road shows, to inform and educate householders about the new kerbside recycling collection service.

### **4.8 Carbon Improvement Measures**

4.8.1 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 will also consider a four day working week as part of its in-house services. Such a working pattern would also lead to reduced carbon emissions.

## **5. Financial Implications**

5.1 There are no direct financial implications of this report. However, reductions in the amounts of waste generated and disposed of will reduce the overall cost to Derbyshire Council Tax payers. Future Waste Strategy commitments could have financial implications and these would be subject to separate, more detailed reports.

## **6. Corporate Implications**

6.1 The Council's Corporate Plan 2013/14 committed us to 'Develop the opportunities for increasing the range of materials recycled through the re-tendering exercise.' This is measured through the Proportion of Household waste recycled and composted. The actions within our strategy action plan continue the emphasis on delivering increased recycling and reducing waste.

## **7. Community Implications**

7.1 Communication Issues – Derbyshire County Council have undertaken a public consultation, which closed on Friday 14th February. All the comments and questionnaires received are currently being analysed and considered in formulating the final strategy documents.

7.2 SDDC will continue to engage with the community to promote waste reduction and waste recycling. The main local focus of the strategy, the new kerbside recycling scheme, has already been implemented.

7.3 The review of our services in 2015 could have implications in the long term and as such would undergo further consultation prior to changes to service delivery.