Economy, Transport & Environment Select Committee

14th November 2017

James Potter

Waste Strategy
What is Project Integra?

• A Waste Partnership

• Established in the late 1990s, based on Memorandum of Understanding (MoU) between:
  – Hampshire County Council
  – 2 City Councils
  – 11 District/Borough Councils
  – Veolia Environmental Services

• Aim to “provide a sustainable solution for dealing with Hampshire’s household waste materials in an environmentally sound, cost effective and reliable way.”
Hampshire

- 3 ERFs
- 2 MRFs
- 2 Composting sites
- 12 Transfer stations
- 26 HWRCs
Current Infrastructure
Waste in Hampshire 2015/16

Waste volumes
Total = 658,269.51
HH/yr = 1.08t

Performance
Hampshire’s Recycling % = 39.08% (Hampshire) 36.05% (Project Integra)
Targets = 50% by 2020, Poss rising to 65-70% by 2030 (EU Circular Economy Framework)
Landfill Diversion = 93.94%

Costs
Hampshire costs = £ 51 million
Unitary (PCC/SCC) = £16 million
WCA costs = £40 million
Whole System= £107m
Savings

T12 - T17 = £8.033m
- Disposal contract
  - Contract extension
  - Landfill diversion
- HWRC
  - Re-tendering contract to deliver performance improvements
  - Operating hours changes
  - Charges for non-household wastes

T19 Target = £4.875m
- Disposal Contract = £3.675m
- HWRCs = £1.2m
Our comparison with regional performance.

<table>
<thead>
<tr>
<th>Authority</th>
<th>Recycling %</th>
<th>Authority</th>
<th>Household Material Collected per household (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dorset Waste Partnership</td>
<td>59%</td>
<td>Brighton and Hove Council</td>
<td>823</td>
</tr>
<tr>
<td>Surrey County Council</td>
<td>55%</td>
<td>Portsmouth City Council</td>
<td>888</td>
</tr>
<tr>
<td>Isle of Wight Council</td>
<td>45%</td>
<td>Southampton City Council</td>
<td>948</td>
</tr>
<tr>
<td>Wiltshire</td>
<td>44%</td>
<td>Isle of Wight Council</td>
<td>992</td>
</tr>
<tr>
<td>Kent County Council</td>
<td>44%</td>
<td>Dorset Waste Partnership</td>
<td>1,000</td>
</tr>
<tr>
<td>Medway Borough Council</td>
<td>43%</td>
<td>East Sussex County Council</td>
<td>1,012</td>
</tr>
<tr>
<td>West Sussex County Council</td>
<td>42%</td>
<td>Wiltshire</td>
<td>1,025</td>
</tr>
<tr>
<td>East Sussex County Council</td>
<td>42%</td>
<td>Kent County Council</td>
<td>1,045</td>
</tr>
<tr>
<td>Hampshire County Council</td>
<td>39%</td>
<td>Hampshire County Council</td>
<td>1,076</td>
</tr>
<tr>
<td>Southampton City Council</td>
<td>27%</td>
<td>West Sussex County Council</td>
<td>1,088</td>
</tr>
<tr>
<td>Brighton and Hove Council</td>
<td>25%</td>
<td>Medway Borough Council</td>
<td>1,095</td>
</tr>
<tr>
<td>Portsmouth City Council</td>
<td>23%</td>
<td>Surrey County Council</td>
<td>1,097</td>
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</table>
# English Local Authority Recycling Rates 2015/16

<table>
<thead>
<tr>
<th>Rank</th>
<th>Authority</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>South Oxfordshire DC</td>
<td>66.6%</td>
</tr>
<tr>
<td>2</td>
<td>East Riding of Yorkshire</td>
<td>66.1%</td>
</tr>
<tr>
<td>3</td>
<td>Rochford DC</td>
<td>66%</td>
</tr>
<tr>
<td>4</td>
<td>Vale of the White Horse DC</td>
<td>64.8%</td>
</tr>
<tr>
<td>5</td>
<td>Surrey Heath BC</td>
<td>62.1%</td>
</tr>
<tr>
<td>214</td>
<td>Top performing Hampshire Authority</td>
<td>40.2%</td>
</tr>
<tr>
<td>343</td>
<td>Lowest performing Hampshire Authority</td>
<td>21.8%</td>
</tr>
<tr>
<td>351</td>
<td>Newham LB</td>
<td>14.7%</td>
</tr>
</tbody>
</table>
Variable Cost Prediction 2016/17 to 2030/31

- 0% Growth Rate
- 1% Growth Rate
- 2% Growth Rate

Hampshire County Council
www.hants.gov.uk
Contamination at material recycling facilities

Actual rate

5% Target

Current MRF residue cost £1.2 million p.a.
Proportion of Recyclables with Kerbside Residual 2015/16

- Alternate Weekly Collections
- Weekly Collections

Percentage

<table>
<thead>
<tr>
<th>Authority</th>
<th>EHDC</th>
<th>HDC</th>
<th>EBC</th>
<th>HBC</th>
<th>WCC</th>
<th>TVBC</th>
<th>BDBC</th>
<th>FBC</th>
<th>GBC</th>
<th>RBC</th>
<th>PCC</th>
<th>SCC</th>
<th>NFDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage</td>
<td>6%</td>
<td>6%</td>
<td>7%</td>
<td>6%</td>
<td>7%</td>
<td>8%</td>
<td>8%</td>
<td>9%</td>
<td>9%</td>
<td>10%</td>
<td>11%</td>
<td>12%</td>
<td>14%</td>
</tr>
</tbody>
</table>
Bulky Waste

- Call scripts used by 9 WCAs
- 4 WCAs have provided referral data
- Almost 270 items reused in last 2 years
- Last two quarters have seen a drop off in diversion reported.
- Quarter 2 saw 0 items diverted.
Household Waste Recycling Centres (HWRCs)

Current contract started on 1st April 2016

T15/17 Service Changes:

- Reduced Opening Hours (Oct 15)
- Charging for Non-Household Wastes i.e. soil & rubble, plasterboard, Asbestos etc. (Oct 2016)
- Charged acceptance of Trade Waste (Oct 2016)
HWRC V Kerbside Performance

**Recycled, reused, Composted**

- Total: 39%
- Kerbside: 41%
- HWRCs: 59%

- Residual waste

**Tonnage (000)**

- Total Household Waste: 435
- Residual (Energy Recovery & Landfill): 299
- Recycling, Reuse & Composting: 102

- HWRCs
- Kerbside

Hampshire County Council

www.hants.gov.uk
Strategic Direction

- Waste Prevention
- Behavioural Insights
- New Recycling Infrastructure
- Review need for additional Disposal infrastructure
- Joint working opportunities
RECYCLING CHAOS  Brits are confused about which bin to use for their recycling — as just 54 per cent of Londoners recycle all they can
VISION
To spark and sustain improved waste and recycling behaviours in Hampshire.

AIM
To reclaim the county’s trailblazer status as a pioneer in waste and recycling interventions, boost its recycling rates and lead the way for others to adopt and scale Hampshire’s approaches.

OBJECTIVES
Create a campaign using behavioural insights, innovative techniques to continuously:

- Drive consistent communications across Hampshire and with Project Integra partners
- Increase levels of recycling / divert recyclables from residual waste stream
- Reduce contamination within recycling
- Reduce waste in the first place
- Maximise opportunities to influence behaviour around changes to infrastructure, waste services and other transitions
MRF options?

- Refit Alton MRF to run as single Hampshire MRF
- Build single central MRF to replace Portsmouth and Alton
- Refit Alton MRF on like for like basis
- Refit both MRFs to take wider range of material

Increasing saving to Hampshire Waste Partnership

Increasing benefit for the community

Hampshire County Council

www.hants.gov.uk
Recommendations

1. That the overall strategic direction for waste management in Hampshire as set out in this report be approved and adopted.

2. That approval be given to produce a full business case for development of a single Material Recovery Facility (MRF) option including:
   • A proposal for capital funding for land acquisition and full development;
   • A full project appraisal to be considered by the Executive Member for Environment and Transport; and
   • A land acquisition report to be considered by the Executive Member for Policy and Resources.

3. That approval be given to set up a grant fund of £65,000 to support local enterprise (charitable or otherwise) in establishing initiatives for the reuse of bulky household items.