

WIRRAL COUNCIL

CABINET – 2 FEBRUARY 2012

COUNCIL – 13 FEBRUARY 2012

SUBJECT:	JOINT RECYCLING AND WASTE MANAGEMENT STRATEGY
WARD/S AFFECTED:	ALL
REPORT OF:	DIRECTOR OF TECHNICAL SERVICES
RESPONSIBLE PORTFOLIO HOLDER:	CLLR BRIAN KENNY, ENVIRONMENT
KEY DECISION?	YES

1.0 EXECUTIVE SUMMARY

1.1 This report provides Members of the Cabinet with information relating to the Joint Recycling and Waste Management Strategy for Merseyside (JRWMS), formerly the Joint Municipal Waste Management Strategy (JMWMS) and associated complementary Wirral District Council Action Plan (DCAP). The Merseyside and Halton Waste Partnership, with the Merseyside Recycling and Waste Authority MRWA being the lead authority, have developed the Strategy. The MRWA Board Members ratified the Strategy on the 18th November and are now seeking ratification from the Merseyside Councils. This reports represents part of the Council's formal process for the ratification of the Strategy.

The JRWMS and Wirral Council's DCAP will become the Council's strategic documents to support the delivery of the corporate goal "Minimising Waste by Encouraging Waste Reduction and Recycling".

Members of the Sustainable Communities Overview and Scrutiny Committee have been kept up to date with the progress of the Strategy and the supporting public consultation exercise and recently endorsed that the Strategy be referred to Cabinet.

This report details the resolutions of the 26th September Sustainable Communities Overview and Scrutiny Committee and also provides Members with information relating to the context of the Strategy review, updating on national policy as well as the outcomes that result in the Strategy's key commitments, which will be delivered through Wirral Council's District Action Plan.

2.0 RECOMMENDATIONS

2.1 Cabinet is requested to: -

- (a) Endorse the process that has been undertaken to develop the new Joint Municipal Waste Management Strategy;
- (b) Subject to any comments they wish to submit on its contents, approve the Strategy and associated District Council Action Plan (DCAP) as it currently stands and refer to Council for ratification;
- (c) Note the current work being carried out on the Environmental Streetscene Services Contract Review described in section 10.0;
- (d) Note that further work will be undertaken to update the DCAP in preparation for the European Waste Framework Directive requirement for Member States to produce a Waste Prevention Programme by 2013;
- (e) Request that, following the ratification of the JRWMS, the Merseyside Waste Levy Payment Mechanism review is undertaken as soon as possible and the progress of this work be reported to an appropriate Cabinet meeting.

3.0 REASON/S FOR RECOMMENDATION/S

- 3.1 The MRWA, (formerly called Merseyside Waste Disposal Authority) and the Merseyside Waste Collection Authorities, of which Wirral Council is one, are required by law (Waste and Emissions Trading Act 2003) to produce a joint Strategy for the management of Merseyside's municipal waste. This JRWMS needs to take into consideration relevant European and national policy and legislation which recognises that the continued disposal of waste in landfill sites is unsustainable as it diminishes limited valuable resources and significantly contributes to climate change through biodegradable materials breaking down to be released as greenhouse gases.
- 3.2 The JRWMS is focused on delivery of the EU Waste Framework Directive's household waste recycling target for Member States of 50% by 2020 and maximising carbon reduction benefits in the long-term sustainable management of municipal waste for the period 2011 to 2041.
- 3.3 The original version of the Strategy was updated in 2008 to bring it into line with subsequent changes in legislation, policy and performance. Indeed, in approving £90m of PFI credits to support the Refuse Recovery Contract (RRC) procurement, DEFRA made it clear to MRWA that a new JRWMS that reflects a realistic programme of activity that will deliver the statutory 50% 2020 recycling target was imperative.
- 3.4 To fulfil the requirements of the JRWMS and work towards a recycling target of 50% the Council may well be required to commit additional financial resources. The current Environmental Streetscene Services Contract Review seeks to maximise the efficiency and performance of the existing contract to minimise any future Council investment. Wirral's strategic approach to recycling and waste

prevention must also take account of the requirements of other priority areas, such as carbon reduction.

- 3.5 Officers believe that Wirral Council's ability to commit to a Strategy that requires a 50% recycling target will be better known once Wirral's Environmental Streetscene Services Contract Review has been concluded. Notwithstanding this, the requirement of the MRWA for Member authorities to ratify the proposed Strategy is recognised and it is recommended that this Cabinet acknowledge the excellent work carried out by the MRWA and endorse the Strategy.
- 3.6 Officers further recognise that a pooled Merseyside Target of 50% recycling has been accepted through the JRWMS public consultation process and a number of consultation workshops where Wirral officers and Elected Members were present. Officers believe that this is an ambitious target for Merseyside but one that we should collectively strive to meet through continued partnership working with the MRWA and other Merseyside Districts. A review of the current Levy Payment Mechanism is essential in order to financially incentivise districts to invest in additional waste collection infrastructure.
- 3.7 At the meeting of the Council on 12th December 2011, Motion 90, Members resolved that the Council:
- Believes that (subject to the implementation of a new Levy Payment Mechanism that incentivises district investment in recycling) the Council can reach and should exceed a 50% recycling target by 2020 or much sooner, helping to reduce the carbon footprint of the Council and the amount paid for waste disposal.

The motion instructs the Director of Technical Services to undertake a number of work areas to increase recycling such as:

- Increasing the range of and proportion of materials that are recycled with particular focus on materials realising the most carbon savings, such as textiles and WEEE (Waste Electrical and Electronics Equipment)
 - To examine new ways to reduce landfill, such as through the introduction of food waste collections.
- 3.8 In terms of legislative requirements, there are three principle pieces of legislation that Wirral have to adhere to. This reflects the changing nature on the focus of waste management with a greater emphasis on actions that prevent or minimise waste.

Requirement	Legislation
Requirement by law to produce a Joint Strategy	Waste and Emissions Trading Act 2003

Reduce greenhouse gas emissions by 80% of the 1990 levels by 2050	Climate Change Act 2008
To recycle 50% of waste from households by 2020	Waste Framework Directive 2011
By December 2013 Member states of the European Union have to produce Waste Prevention Programmes	Waste Framework Directive 2011
Requirement that efforts to manage waste are prioritised in line with the waste hierarchy and to reduce the carbon impact of waste.	Waste Framework Directive 2011

4.0 BACKGROUND AND KEY ISSUES

4.1 Members involvement to date

4.1.1 Workshops

The first step in the review of the JRWMS involved an 'Issues and Options' study which was undertaken in 2008/09. This considered the current policy and legislative context in order to short list key strategic objectives and the associated mechanisms for their delivery. It also reflected the ongoing procurement process for residual waste treatment infrastructure on Merseyside. The study produced a long list of thirty-three themes, which were identified for consideration.

Elected Members and senior officers with responsibility for waste management across Merseyside and Halton and the MRWA took part in a series of workshops, resulting in the following shortlist:

- Reduce the climate change / carbon impacts of waste management
- Maximise prevention of waste
- Maximise landfill diversion / recovery of residual waste
- Maximise sustainable economic activity associated with waste management
- Reduce the ecological footprint of waste management activities
- Promote behavioural / cultural change that delivers the Strategy objectives
- Promote the use of renewable energy
- Achieve high recycling = 50-55%
- Promote resource efficiency
- Provide sufficient capacity for waste management activity

The delivery options identified to secure these outcomes ranged from waste prevention and reuse; bespoke food waste collection and composting; incentives to recycle; managed weekly collections; trade waste recycling; common recycling collection regimes across Merseyside; collection round route optimisation; and joint/shared service working.

4.1.2 Sustainable Communities Overview and Scrutiny Committee

On the 10th March 2011 (Minute 128), the Sustainable Overview and Scrutiny Committee commented on, noted and endorsed the work completed to date on the Joint Recycling and Waste Management Strategy for Merseyside.

The most recent report to Members on the draft Strategy, taking into account previous comments was presented to the Sustainable Communities Overview and Scrutiny Committee on the 26th September 2011 along with a presentation from the Director of Strategy and Resources from the MRWA.

Members resolved (Minute 128) that:

- 1) The Director of Strategy and Resources be thanked for his informative presentation
- 2) The process that has been undertaken to develop the new Joint Municipal Waste Management Strategy be endorsed
- 3) The draft Strategy and associated District Action Plan as they currently stand be endorsed
- 4) The current work being carried out under the Environmental Streetscene Services Contract Review is noted and progress on this work be reported to this Committee in January 2012
- 5) A final version of the JMWMS and draft Wirral DCAP, taking into account the Committee's comments, be referred to the Cabinet for consideration, prior to them being presented to the Council for formal approval
- 6) A final Wirral DCAP, outlining the Council's intentions with regards to recycling and waste prevention (and associated future targets) be brought back to this Committee no later than June 2012, once the Environmental Streetscene Services Contract Review regarding the seven year break clause has been concluded
- 7) Following the ratification of the JMWMS a request be made that the Merseyside Waste Levy Payment Mechanism review must be undertaken, as soon as possible, and the progress of this work be monitored by this Committee

4.2 MRWA

On behalf of the Merseyside and Halton Waste Partnership (MWP), the MRWA have led on the development of the Joint Recycling and Waste Management Strategy for Merseyside. This process began in 2009 and involved a range of stakeholders, including elected Members of Wirral Council and senior officers, two public consultation exercises in Wirral, as well as two presentations by senior

officers from the MRWA to the Sustainable Communities Overview and Scrutiny Committee. The MRWA Board ratified the Strategy on the 18th November 2011 and the MRWA intend to publish the Strategy towards the end of March 2012. The MRWA have also commissioned a Strategic Environmental Assessment (SEA) report, which sits with the Strategy as a formal document.

4.3 Informing the Strategy development

Two important projects to inform the Strategy were conducted in Wirral as well as throughout Merseyside during 2010 as follows:

4.3.1 Waste Composition and Growth Analysis

An analysis of the household waste composition across all of the Merseyside local authority areas was undertaken which demonstrated that 28% of the household waste stream consists of food waste which is a high proportion but typical of an urban area. The results showed that St Helens, Sefton, and Wirral have the lowest weekly residual waste arsing, which is due to their higher recycling performances.

Consideration has been given to projections for waste growth or reduction for Merseyside, which for the past five years have shown a reduction of 2% per annum. When considering the projected domestic dwelling increases, waste quantities could increase by 10% by 2020 but as a consequence of the recession, the anticipated changes in waste composition and rising public awareness of waste prevention, the JRWMS projects a 0.6% growth in waste up to 2015 followed by a 0.2% increase up to 2020.

Waste prevention is a fundamental component of the JRWMS, which will maximise carbon and financial savings and ensure compliance with the EU requirement for Waste Minimisation Plans to be in place by 2013.

4.3.2 Public Consultation

MRWA commissioned EnVenture Ltd to manage the public consultation on the Issues and Options stage of the review in autumn 2010. This incorporated a number of public consultation activities relative to the high level Strategy objectives and delivery options referred to above. The public consultation exercise was delivered during the period October to December 2010 and incorporated initial awareness raising in local media, followed by 3,022 residents being directly canvassed (605 in Wirral), ten focus groups (of which two were held in Wirral), and an e-consultation exercise in which 275 people participated.

Key findings were as follows:

- General public satisfaction with waste management on Merseyside
- Complexity and differences of waste collection services being an issue for the public

- Positive response to the increase in recycling achieved
- Surprise at the quantity of food waste thrown away
- Recycling is rooted as being perceived as a household chore
- Support to the 50% recycling performance target, promoting the use of renewable energy, and behavioural / cultural change activity
- Residents of Wirral are among the most informed on Merseyside on climate change
- Residents of Wirral were less likely to carry out any waste prevention / minimisation measures. (This indicates a need for further promotion and education in this area)

5.0 JRWMS OUTCOMES

The Aims, Objectives and Targets of the Strategy are set out in **Appendix A** of this report and can be summarised as follows:

- To meet a 50% recycling rate of household waste by 2020;
- To support a pathway towards zero waste to landfill and set a 10% landfill target for municipal waste by 2020 and 2% by 2030;
- To set carbon reduction targets to reduce the carbon footprint of municipal waste management service on Merseyside;
- To maximise waste prevention and set targets to reduce the kilograms of waste produced per household on Merseyside by 2020 and 2030;
- To raise awareness and understanding of waste management issues to encourage and support residents to change their behaviour and take part, particularly in waste prevention and resource efficiency activities; and
- To reduce the ecological footprint of waste management activities on Merseyside.

Additional strategic recommendations are also identified in **Appendix B**. The Levy Payment Mechanism, which is the payment that Wirral Council makes to the MRWA is to be reviewed to ensure that the mechanism is fair and positively benefits the Local Authorities of Wirral, St Helens, Knowsley, Liverpool and Sefton to deliver the Strategy Objectives. Currently, districts pay a fixed amount to the MRWA per tonne of waste that is delivered to them, regardless of whether this waste is recycled or sent for disposal and this has two major implications for Wirral Council: firstly, districts that are performing well, such as Wirral, are effectively subsidising those districts that are under performing as the current levy apportions out overall savings to all districts through lower levy (price per tonne) costs; secondly, It is very difficult to justify a business case for introducing new waste schemes if the district investing in them does not benefit proportionately from the landfill diversion savings. The Strategy commits to a levy review but it must be noted that any changes to the existing levy must be agreed by all districts in order to be implemented.

6.0 JRWMS PRIORITY DELIVERY OPTIONS

It is recognised that to deliver the Strategy there will be a need for flexibility for each of the five Waste Collection Authorities and the MRWA to identify and prioritise the delivery options that they feel will best achieve the overall strategic objectives based on their current performance and available resources. A menu of ranked Priority Delivery Options are identified within the JRWMS which have been assessed and then prioritised in terms of deliverability of the objectives from a technical, cost, and value for money perspective. The Priority Delivery Options are attached as **Appendix C** of this report and range from recycling promotion campaigns to significant service changes such as shared services, and the provision of managed weekly collections, green waste charging and food waste collections. Members will be aware that Wirral have already made some of these big decisions. An alternate weekly collection of waste has been in operation since 2006 (Priority Option 2) and we have operated a no-side waste policy for many years (Priority 9). The Council's current corporate goal "Minimising Waste by Encouraging Waste Reduction and Recycling" has an action plan that is monitored annually by the Sustainable Communities Overview and Scrutiny Cabinet and more frequently by the Technical Service Department Management Team and Environment Portfolio Holder. The current plan outlines projects that are in progress or planned to start this financial year that directly support the draft DCAP and proposed JRWMS.

7.0 JRWMS SECONDARY DELIVERY OPTIONS

A menu of Secondary Delivery Options is also presented in the JRWMS and included as **Appendix D** to this report. These are options that did not rank as highly as the Priority Delivery Options in the assessment process but are still recognised as contributing to the delivery of a number of strategic outcomes. Utilisation of these options would compliment the Priority Delivery Options and include such activities such as the recycling of street sweepings and bulky waste charging. Public opinion has been canvassed on the strategic outcomes and the related delivery options and the feedback received from the representative sample of Merseyside residents was that they considered the approach, objectives, targets, and ranking of the options to be appropriate.

8.0 COMMITTING TO THE JRWMS

8.1 Ratification Timetable

Ratification Process	Date
Sustainable Communities Overview and Scrutiny Committee	10 th March 2011 & 26 th September 2011*
Cabinet	2 nd February 2012
Council	13 th February 2012
Strategy Published	April 2012

* Completed

Wirral Council officers have previously presented reports to the Sustainable Communities Overview and Scrutiny Committee on the 10th March 2011 and the 26th September 2011.

Subject to Cabinet approval the intention is to seek full ratification from the Council at the 13th February 2012 Council meeting.

8.2 District Council Action Plans (DCAPs)

To ensure that the necessary actions are implemented at a more local level to secure the achievement of the outcomes of the JRWMS, each Merseyside Local Authority will approve their individual District Council Action Plan (DCAP). This document will outline their specific 'road map' to delivering the outcomes of the Strategy utilising the identified delivery options, as they deem appropriate. As the DCAPs are seen as essential contributing factors to the realisation of the JRWMS outcomes they will be a key component of the Strategy approval process and be published alongside it following ratification. (A copy of Wirral's draft DCAP is attached in **Appendix E** to this report).

Therefore Wirral's DCAP effectively translates the requirements of the JRWMS into an appropriate set of actions and timescales for the Council and its partners.

In producing the DCAP, the performance of the current service was evaluated and officers have developed a timetable that will involve proposals being developed and submitted to Cabinet to enable Wirral to contribute to the Strategy's 50% household waste recycling target by 2020.

Members will be aware that Wirral has significantly improved waste and recycling performance since 2006.

Since 2006, the Council has continued to invest in education and communication to the community on waste and recycling issues as well as the continued roll out of services to residents.

The Council continues to increase the range of materials that can be recycled and is currently working with the MRWA to explore the recycling of litterbin waste and also mixed plastic waste and working as requested by Notion 90: Increasing Recycling, to find new ways of recycling new items such as WEEE and Textiles.

Officers expect to provide more details once the trials have taken place and in time for the Environmental Streetscene Services contract being presented to Cabinet in April this year.

9.0 WASTE PREVENTION

Officers believe that the Council currently needs to expand the Strategy regarding waste prevention and reuse and as part of the DCAP will be exploring options below with partners around this building on existing work.

- Providing consistent and relevant messages on waste prevention across Merseyside
- Reduce food waste
- Encourage diversion of textiles from the residual bin
- Promote home and community composting
- Promote 'Smart shopping' to reduce packaging, food waste etc.
- Reduce unwanted mail
- Encourage and facilitate greater donation of unwanted goods (reuse and repair), including small electronic equipment

Local Authorities are required by law to demonstrate that the waste hierarchy (which ranks waste prevention and reduction as higher than recycling or composting) has been applied before finally recycling waste. Officers believe that the Council should develop a comprehensive waste prevention programme in line with the Waste Framework Directives requirement.

An over arching Waste Prevention Programme is in the process of being developed by the MWP, with the MRWA leading.

Wirral's contribution to this will be reflected in more detail through ongoing development of the DCAP.

11.0 ENVIRONMENTAL AND STREETSCENE SERVICES CONTRACT – SEVEN YEAR BREAK CLAUSE REVIEW

The Council have an opportunity to re-negotiate terms within the Environmental and Streetscene Services Contract due to a 7-year break clause option that we are able to activate from August 2013. As well as seeking financial benefits from this opportunity, there is an opportunity to review the way in which we deliver some of our services in order to improve them – with the aim of increasing public satisfaction and recycling performance. Below is a list of areas where officers in Technical Services are carrying out investigative work with Biffa Waste Services as part of that review being led by the Director of Finance:

- Improving value for money of the current garden waste recycling services
- Encouraging community ownership and responsibility with regards to alleyways and associated fly tipping
- A bring site options review study
- Improving efficiencies in Street Cleansing, to include optimising the recycling of litter
- Reviewing waste receptacle provision and collection frequency in areas where contamination of grey bins is high

- Exploring the financial benefits of introducing a Trade Waste collection service.
- Introduction of kerbside small Waste Electrical and Electronic Equipment (WEEE) recycling

11.0 RELEVANT RISKS

11.1 The European Union will fine Member States if recycling targets are not met. The UK proposed Localism Bill intends to pass (should the scenario arise of the UK not meeting its 50% target) the fines onto Local Authorities that ministers believe have not contributed enough towards meeting the target.

12.0 OTHER OPTIONS CONSIDERED

12.1 As part of the Strategy a range of delivery options have been developed. Wirral's DCAP (Appendix E) recommends the options that are likely to deliver the outcomes identified in the draft Strategy.

13.0 CONSULTATION

13.1 There have been two periods of public and stakeholder consultation as part of the development of the JRWMS. There has also been a Strategic Environmental Assessment of the delivery options contained within the Draft Strategy and of the Draft Strategy itself.

14.0 IMPLICATIONS FOR VOLUNTARY, COMMUNITY AND FAITH GROUPS

14.1 Strategic Voluntary, Community and Faith Groups have been consulted as part of the consultation. The Merseyside Waste Partnership continues to work with groups.

15.0 RESOURCE IMPLICATIONS: FINANCIAL; IT; STAFFING; AND ASSETS

15.1 Members are to note that officers are exploring significant work areas (as identified in Section 9 of the report), to help Wirral to meet the JRWMS target of 50% by 2020, options will be developed as part of the Environmental Streetscene Services Contract Review process and will be presented to Cabinet with the full financial implications.

16.0 LEGAL IMPLICATIONS

16.1 Wirral Council has a duty to collect and recycle household waste under the Environmental Protection Act 1990. Members are asked to note that the proposed Localism Bill contains legal mechanisms that could fine Local Authorities if the UK was not to meet its 50% recycling target by the year 2020.

17.0 EQUALITIES IMPLICATIONS

17.1 The waste collection services provided by the Council have had Equality Impact Assessments undertaken. Any future services will also be subject to Equality Impact Assessments.

18.0 CARBON REDUCTION IMPLICATIONS

18.1 Delivering the strategies aims, objectives and targets will significantly reduce the carbon impact of waste.

19.0 PLANNING AND COMMUNITY SAFETY IMPLICATIONS

19.1 There are no planning and safety implications as a result of this report.

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APPENDICES

- A. JRWMS Strategic Aims, Objectives and Targets
- B. JRWMS Additional Strategic Recommendations
- C. Menu of Ranked Priority Delivery Options
- D. Menu of Ranked Secondary Delivery Options
- E. Wirral Council DCAP

REFERENCE MATERIAL

Joint Recycling and Waste Management Strategy for Merseyside: Resources 2011-2041". (This document has been placed in the Members' Room at Wallasey Town Hall)

SUBJECT HISTORY (last 3 years)

Council Meeting	Date
Sustainable Communities Overview and Scrutiny Committee	10th March 2011
Sustainable Communities Overview and Scrutiny Committee	26th September 2011

APPENDIX A: JRWMS STRATEGIC AIMS, OBJECTIVES AND TARGETS

No.	Aim	Strategic Objectives and Targets
1	Reducing the climate change/carbon impacts of waste management	<p>Demonstrate continuous improvement in the reduction of carbon emissions from the Local Authority Collected Municipal Waste (LACMW) management service on Merseyside.</p> <p>All waste management choices should seek to optimise carbon reduction wherever practicable.</p> <p>Commitment to review every 5 years that the CO₂ impact of the Strategy has reduced.</p> <p>Baseline: CO₂ impact is 33,384 tonnes of CO₂ in 2011.</p>
2	Maximise waste prevention	<p>Reduce the total amount of waste arisings produced per household on Merseyside by 8% by 2030 to:</p> <p>1,227 kg per household by 2020 and 1,180 kg per household by 2030.</p> <p>Baseline: 1,300 kg to total waste arisings per household in 2009/10.</p>
3	Maximise landfill diversion/recovery of residual waste	<p>Where waste is not re-used, recycled or composted, ensure that value can be recovered from it e.g. alternative products, heat, power.</p> <p>Reduce the amount of LACMW landfilled to 10% by 2020 and 2% by 2030.</p>
4	Maximise sustainable economic activity associated with waste management	<p>Encourage sustainable economic activity associated with waste management. This can be achieved through the adoption of sustainable procurement policies and working with supply chain organisations to improve the management of resources and recyclables.</p>
5	Reduce the ecological footprint of waste management activities	<p>Demonstrate continuous improvement in reducing the ecological footprint of municipal waste management services on Merseyside</p> <p>Baseline: 0.038 hectares per person in 2011.</p>
6	Promote behavioural/cultural change that delivers the Strategy objectives	<p>The Partnership will work to raise awareness of waste and resource management issues, to lead by example and encourage residents to get involved and make it easier to take part in waste prevention and re-use activities.</p>
7	Promote the use of renewable energy	<p>All waste management decisions/infrastructure decisions to take account of the opportunities for using/generating renewable energy and fuels.</p>
8	Achieve high recycling	<p>Meet statutory recycling targets and exceed</p>

	rates	where there are opportunities to deliver environmental and economic benefits. Recycle 50% of household waste by 2020.
9	Promote resource efficiency	Reduce the amount of scarce resources entering the waste management system, recognising the value of materials that are produced as waste and supporting opportunities for greater producer responsibility.
10	Provide sufficient capacity for waste management activity	Provide a flexible waste management service that gives residents a range of options to reduce, re-use, recycle and compost the waste they produce and provide sufficient capacity to deal with any waste remaining.

APPENDIX B: ADDITIONAL STRATEGIC RECCOMMENDATIONS

	Recommendation	Description
A	Review of the Levy payment mechanism	Establish a working group of Elected Members from each District to lead a review of the current payment mechanism to fund the Waste Disposal Authority to ensure that a new payment mechanism is fair and positively benefits Districts adopting options to deliver the Strategy objectives. Supports Objectives: 2, 3, 8, 9 and 10
B	Lobby Government, retailers and others	Elected Members to actively lobby Government, engage local retailers, businesses and manufacturers and residents to support activities to reduce waste, encourage resource efficiency and partnership working on Merseyside Supports Objectives: 1, 2, 4, 5, 6, 7, 8, and 9
C	Incentive schemes	Districts to look at opportunities to establish incentive schemes for residents or stakeholders to deliver the Strategy objectives. Supports Objectives: 1, 2,3, 4, 5, 6, 8, and 9
D	Develop the economic potential and benefits of waste and resource management	The Partnership will seek to support activities, which help and advise Merseyside businesses to be more sustainable and competitive by minimising their resource use and managing their wider wastes effectively in a low carbon economy. Supports Objectives: 1, 2, 3, 4, 5, 6 and 9

APPENDIX C: MENU OF RANKED PRIORITY DELIVERY OPTIONS

Rank	Delivery Option	Description
1	Joint Working	Local Councils to consider joining forces to deliver services which could include: joint collection contracts, shared collections services, joint communications, education and awareness, and governance etc. Supports Objectives: 1, 2, 4, 5, 6, 8 and 9
2	Frequency of Household Waste Collections	Local Councils to consider the best local system for the collection of refuse and recyclables - the right frequency of collections for the right materials in the right area. This could be a weekly household collection of materials such as recyclables one week and rubbish that cannot be recycled or composted the next week. Sefton and Wirral districts have already implemented changes to the frequency of their household waste collections. Supports Objectives: 1, 2, 3, 5, 6, 8 and 10
3	Collection Round/Route Optimisation	Local Councils to review collection rounds for refuse and recycling to ensure that optimum round configuration is in place and best use of vehicles is being made. Supports Objectives: 1, 6, 7, 8 and 10
4	Green Waste Charging	Districts to consider introducing a charged garden waste collection service to residents to incentivise waste prevention and home composting. This will vary according to local circumstances. Supports Objectives: 1, 2, 3, 5, and 10
5	Recycling Campaigns	Active campaigns to support existing or new recycling collections schemes encourage participation or reduce contamination of materials. Supports Objectives: 4, 6, 8 and 9
6	Re-use/Refurbishment Support	In kind/financial support to schemes to deliver and increase re-use and refurbishment activity (which could involve retailers, manufacturers and third sector). Supports Objectives: 1, 2, 3, 4, 5, 6, 8, 9 and 10
7	Food Waste collections plus treatment (Anaerobic Digestion or In-Vessel composting)	Consider introducing separate collections for food waste. Knowsley and Sefton currently have opt-in schemes. Treatment of food waste by either Anaerobic Digestion (AD) or by In-Vessel Composting (IVC). The Options Assessment ranked AD higher than

		IVC. Supports Objectives: 1, 3, 4, 6, 7, 8, 9, 10
8	Bulky Waste Re-use	Implement schemes to increase the amount of bulky waste re-use either through support to third sector schemes or active segregation of bulky collections. Supports Objectives: 1, 2, 3, 4, 5, 8, 9, 10
9	No side waste – common policy	Consider a consistent approach across Merseyside regarding collections of any rubbish bags that do not fit inside a householder's residual waste bin. Supports Objectives: 1, 2, 3, 5, and 8
10	Sustainable procurement policies (in house)	Introduction of procurement policies that will influence behavioural change for all waste management related services e.g. in terms of specifying the use of recycled materials, low carbon construction materials (to good practice standards in new build and refurbishment) and low carbon transport activities. Supports Objectives: 1, 4, 7 and 9
11	Trade Waste Recycling	Districts to look at the opportunity to introduce or extend trade waste recycling schemes and collections. MRWA to consider the use of HWRCs and MRFs for commercial waste recycling. Supports Objectives: 1, 3, 5, 6, 8 and 10
12	Re-use campaigns	Re-use focussed campaigns to promote re-use activity and local support services. Supports Objectives: 1, 6, 8 and 9
13	In house Waste Prevention and recycling	Districts to lead by example through the implementation of in-house waste reduction, re-use and recycling schemes. Supports Objectives: 1, 2, 5, 6, 7, 8 and 9
14	Waste Prevention campaigns¹	Active campaigns to promote waste prevention activities and local initiatives. Supports Objectives: 1, 2, 3, 6, 8 and 9

¹ The Options Assessment report acknowledges that, in isolation, waste prevention campaigns are not ranked highly in the value for money assessment. However, such campaigns are an integral part of other waste prevention options and behavioural change elements and recommends they should be a priority delivery activity.

APPENDIX D: MENU OF RANKED SECONDARY DELIVERY OPTIONS

Rank	Delivery Option	Description
15	Reduced residual bin size/maximum recyclable	Reduced bin size for residual waste introduced to incentivise recycling behaviour, also need to ensure sufficient capacity available for recyclable materials. Supports Objectives: 1, 2, 3, 5 and 8
16	Street sweepings recycling	The introduction of a composting or recycling service for street sweepings. Supports Objectives: 1, 3, 5, 6, 8 and 10
17	All Waste Collection Authorities to collect the same materials for recycling	All districts to collect the same materials in the recycling collection schemes, focused on the dry recycling collection scheme. Supports Objectives: 1, 3, 5, 6, 8 and 10
18	HWRC Recycling/Re-use Sites Only	The option for MRWA to promote HWRCs as centres for primarily reusable and recyclable material e.g. provide some sites that accept material for re-use, recycling and composting only. The option to reduce the number of sites offering services for non-recyclable waste disposal. Supports Objectives: 1, 3, 5, 6 8 and 10
19	Depot, facility sharing, modal transport	Consider options for sharing of facilities and alternative transport infrastructure involved in service delivery. Supports Objectives: 4, 5, 6, 9 and 10
20	Bulky Waste Charging	Consider charging residents for Council bulky waste collections (as an incentive to increase use of community based re-use services). Supports Objectives: 2, 3, 5 and 8
21	Common recycling systems for all Waste Collection Authorities	All districts switch to the same recycling collection system e.g. a co-mingled collection scheme feeding into the MRWA Waste Management Recycling Contract/All districts collect the same materials whether co-mingled or kerbside sort scheme. Supports Objectives: 1, 3, 5, 6, 8 and 10