

Crawley Borough Council

	Report No:AM/044	1
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Report to Overview and Scrutiny Commission

19 March 2012

Report to Cabinet

21 March 2012

Carbon & Waste Reduction Strategy 2012 - 2050

1 Key Points

- 1.1 The new Carbon and Waste Reduction Strategy aims to make Crawley Carbon Neutral and Zero Waste by 2050.
- 1.2 The internal facing part of the Strategy focuses on the Council being a role model for sustainability within its own buildings and in its service delivery.
- 1.3 The external facing part of the Strategy focuses on the Council working in partnership to help residents and other organisations to limit their own Carbon emissions and waste.

2. Recommendations

2.1 To the Overview and Scrutiny Commission

That the Commission considers the report and decides what comments, if any, it wishes to submit to the Cabinet.

2.2 To the Cabinet

The Cabinet is requested to recommend to the full Council the approval of the new Carbon and Waste Reduction Strategy 2012 – 2050 and the associated Action Plan.

COUNCILLOR KEN TRUSSELL
Portfolio Holder for Environmental Services

CHRIS HARRIS
Head of Amenity Services

- 5.2 During 2010 and 2011, Heads of Services and other key officers were engaged in 1-to-1's to determine and review progress against the existing strategies, as well as collecting their thoughts for future carbon and waste reduction priorities.
- 5.3 Further consultation on ideas for a new strategy took place over the course of 2011, commencing with a Local Strategic Partnership (LSP) environment workshop in January.
- 5.4 An All Members' Seminar early in 2011 updated Members on progress made against the current strategies and asked for feedback in putting together a new strategy
- 5.5 Based on all of the above feedback a draft strategy was put together and presented to an All Members' Seminar on 2 February 2012 to seek further Members' feedback.
- 5.6 Key feedback from the Member's consultation in February was as follows:

Neighbourhood Recycling Points (NRPs) should be removed, in consultation with Ward Members and on a case-by-case basis.
Consider collecting other materials from NRPs, using Brighton as an example, and perhaps involving more charity collections.
If we continue to collect recyclables from some parades we need to consider policing/enforcement and education of local businesses.
Publicise to residents that shops selling batteries will also recycle them.
Look for partnership funding and emphasise 'fuel poverty' benefits with the next decentralised energy capital bid (K2) through the budgetary process.
Cycling promotion; the £25K campaign needs to continue beyond 2012/2013 and should be built upon a solid foundation of consultation with users and non-users in its design.
Continue to push for the recycling of a wider range of plastics in REDtop bins.
Keep educating children in recycling as they are the future, for example using the web-based Wastebuster cartoons.
Arrange Members' visit to the new (under construction) Mechanical Biological Treatment (MBT) plant near Horsham during summer 2012.

6. Aims and Objectives of the Strategy

- 6.1 The aims and objectives of the new Strategy, informed by consultation, are as follows.
- 6.2 Key strategic internal objectives and aims:
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- Purchasing an increasingly lower carbon vehicle fleet.
 - Embrace modern technology by purchasing low Carbon

7. Five Year Action Plan

7.1 The top five-year priority actions arising from the Strategy are as follows:

	Action Title	Detail	Key milestones & dates	Critical success measure
1	Local Combined Heat and Power (CHP)	<ul style="list-style-type: none"> - Deliver Local Combined Heat and Power (CHP) schemes to help reduce energy costs and reduce fuel poverty. - Engage with private sector to partner with delivery of schemes. - Deliver the Town's first scheme at K2. - Build on 'lessons learnt' to deliver 2nd scheme in the Town Centre. - Reassess options for expanding schemes across the Town. 	December 2013	Delivery of first CHP scheme in the Town
2	Face-to-face recycling education	<ul style="list-style-type: none"> - Focus on delivering face-to-face recycling education for residents where they are still confused. - Focus on Wastebuster schools programme. 	March 2013	Significant reduction in contamination rates
3	Increase variety of materials collected			

	Mechanical Biological Treatment (MBT) plant	new MBT plant summer in 2013, which will take all of our residual waste and turn almost all of it into a resource such as soil conditioner, Methane and energy.	August 2013	Minimal waste sent to landfill
7	Enhanced Green Business advice, support and guidance	<ul style="list-style-type: none"> - Help businesses to recycle, working with Easit Crawley and Brighton University to set up a recycling collection contract. - Deliver themed breakfasts, networking events and workshops on a cost-neutral basis to the Council. - Trial charges for Green Business visits in surrounding Districts. - Continue to investigate further options for generating revenue. 	March 2013	Measures implemented by local business and service feedback
8	Adapt to the future	- Ensure business continuity and manage risk by ensuring the Council's long-term, strategic decisions are future proofed by rolling out climate risk assessment for key/ critical departments.	March 2013	Assessment completed for key departments
9	Reduce vehicle emissions	<ul style="list-style-type: none"> - Reduce the cost and emissions from the Council's vehicle fleet through the vehicle asset replacement programme and driver efficiency training. - Facilitate the delivery of a Crawley Car Club. - Purchase a new electric pool van. - Continue to reduce Council business mileage. 	December 2014	Significant reduction in emissions from fleet and an operational car club
10	Ensure CBC is a community leader in Low Carbon & Waste for the Town	<ul style="list-style-type: none"> - Continue to significantly reduce carbon emissions. - Set an example by significantly reducing the Council's own waste sent to landfill. - Work with strategic partners to ensure other organisations continue to work to reduce carbon and waste. 	December 2015	Significant reduction in the Council carbon footprint and waste sent to landfill

Climate change scepticism reducing priority	High	Focus on cost reductions and ensure all stakeholders understand that reducing emissions = reducing costs.	Low
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11. Environmental Impacts

11.1 The new Strategy aims to make Crawley Carbon Neutral and Zero Waste by the year 2050.

12. Links to the Sustainable Community Strategy and Corporate Plan

The proposals contained in this report relate to the following key areas of the Sustainable Community Strategy

Community Cohesion	y	Community Safety	n
Young People and Children	y	Health and Well Being	y
Older People	y	The Environment	y
The Local Economy	y	Social Inclusion	y

The following key principles are applicable:-

(i) Working together	y
(ii) Dignity, respect and opportunities for all	y
(iii) Involving People	y
(iv) Making it last	y

The report relates to the following areas in which the Council operates to enhance the town and the quality of life of local people:-

(i) <u>Our Communities:</u> (ensuring they are safe, healthy, cohesive and enjoyable)	y
(ii) <u>Our Environment:</u> (ensuring that it is attractive, clean, protected and sustainable)	y
(iii) <u>Our Economy:</u> (ensuring it is thriving, vibrant and prosperous)	y
(iv) <u>Our Council:</u> (ensuring it is engaging, transparent, business-like with a social conscience, cost-effective and a place-shaping community leader)	y

13. Reason for the Recommendations

13.1 The Carbon and Waste Reduction Strategy is informed by public consultation and sets out the Council's environmental commitments and actions until the year 2050.

14. Background Papers

Corporate Climate Change Strategy 2008-2050

Waste Management Strategy 2006-2009

Corporate Plan 2010-2015

Contact Officer: - Chris Harris
Direct Line: - 01293 438420

Members Seminar Carbon & Waste Reduction Interim Strategy:

2 February 2011

2012 - 2050

Internal Facing

CBC as Role Models ...

Service providers, leading by example

• Sustainable Goods and Services

- Realise that the greatest opportunities for sustainability and cost savings are achieved during project design
- Consider sustainability at each stage of the procurement process



• Sustainable Council Buildings

- Aim to maximise insulation & efficiency
- Use of PV wherever feasible
- Consider CHP where appropriate
- Aim for (BREEAM) excellent for new build



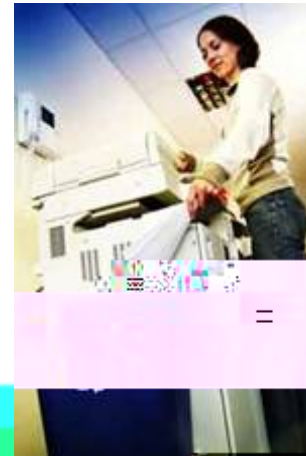
- **Lower Carbon Vehicle Fleet**

- Embrace modern technology by purchasing low Carbon vehicles through the vehicle replacement programme
- Aim to continually reduce fleet mileage



- **Reducing and recycling our own waste**

- Set an example by avoiding waste wherever possible...
- And maximise re-use and recycling



- **Providing high quality, VfM, customer focused services**

- Getting things right first time to avoid waste
- High quality recycling services encourage people to recycle more

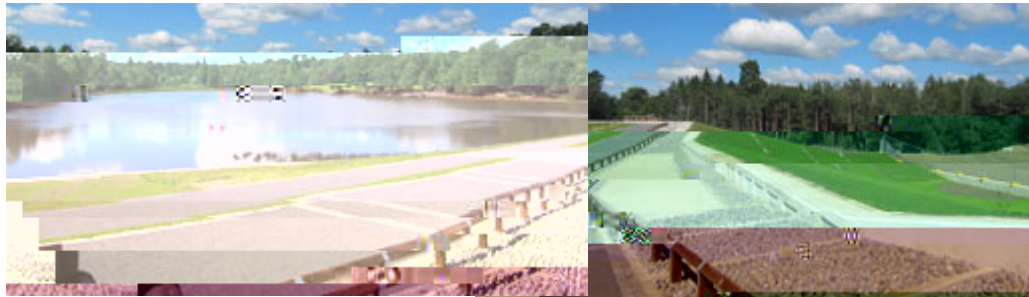
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- **Respond to our Changing Climate**

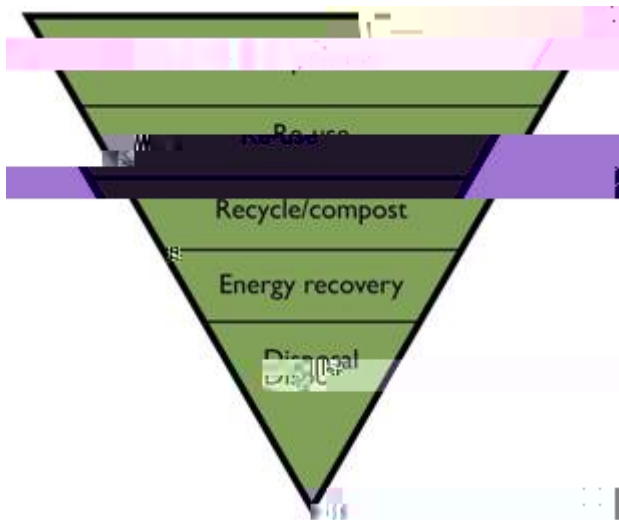
- Work with Heads of Service to identify the implications of a changing climate and make sure plans and strategies include relevant actions





•Targeted Communications and Education

- Educate communities in partnership with WSCC/ Better Tomorrows
- Focus on Wastebuster computer based recycling education in schools



- Promote 'Reduce, Re-use and Recycle' of waste as a priority



- **Encourage further recycling by residents**

- Investigate collection of extra co-mingled materials from households e.g. more plastics
- Investigate collecting other materials at shopping parades e.g. books, CDs and small electrical items
- Investigate possibilities for incentives

- **Residual waste as a resource**

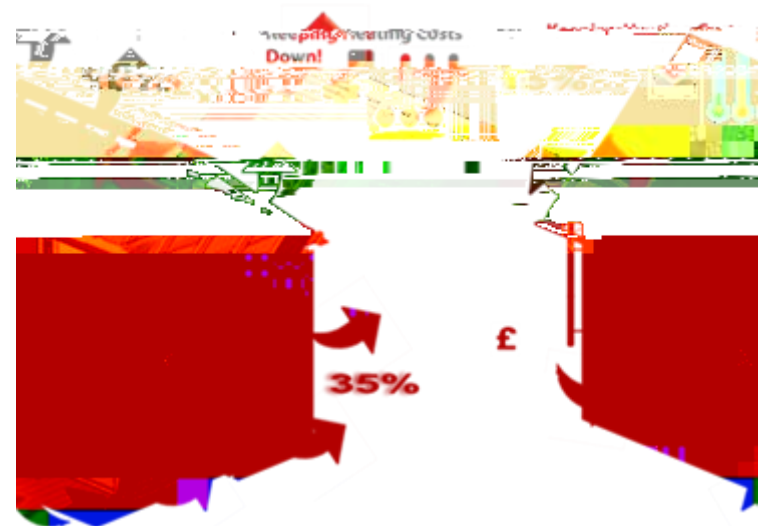
- WSCC partnership working to turn remaining household waste into at resource at new MBT plant, opening during 2013





- **Energy Efficient Housing Stock**

- Investigate Green Deal opportunities, in partnership with WSCC
- Set an example with our own social housing stock



- **Transport**

- Significantly increase the number of Crawley residents cycling
- Kick-start a Crawley Car Club

