

## WIRRAL COUNCIL

### SUSTAINABLE COMMUNITIES OVERVIEW & SCRUTINY COMMITTEE - 14<sup>th</sup> SEPTEMBER 2010

#### REPORT OF THE DIRECTOR OF TECHNICAL SERVICES

#### 'REDUCING WIRRAL'S CARBON FOOTPRINT' - PROGRESS REPORT no 2

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### 1.0 EXECUTIVE SUMMARY

- 1.1 This second progress report updates Members on the various projects currently being undertaken by the Council, its LSP and other partners, to 'Reduce Wirral's Carbon Footprint', which is a Corporate Priority in the Council's Corporate Plan 2010/11, and supports NI 186, one of Wirral's LAA Targets.
- 1.2 Committee Members are requested to note and endorse the progress made to date on these ongoing projects as highlighted in the Wirral Wide Carbon Reduction Action Plan (please refer to Appendix A).

### 2.0 BACKGROUND

- 2.1 The first progress report to Members of this Committee on the 8<sup>th</sup> March 2010 detailed the history and progress made to develop and implement Wirral's Climate Change Strategy which was approved by Cabinet in June 2007. It also provided details of the partnership working which underpins Wirral's Climate Change Strategy (CCS), as the strategy vision clearly states:

*“ Working with residents, communities and local businesses to tackle Climate Change by reducing Wirral's carbon emissions, thereby helping to meet our present needs in a sustainable manner without compromising the ability of future generations to meet their own needs “*

- 2.2 Wirral's joint working with external partners to reduce CO<sub>2</sub> emissions across the borough was started by its Nottingham Declaration Working Group (NDWG) which had its inaugural meeting in June 2006. The NDWG has now been re-named the Wirral Climate Change Group (WCCG) to more accurately reflect the work it undertakes. The work of this group clearly supports Wirral Council's 2010/11 Corporate Priority 2.2, to 'Reduce Wirral's Carbon Footprint'.
- 2.3 The following external partners now regularly attend the WCCG meetings in addition to Council officers and Members:

Wirral NHS	Cheshire and Wirral Hospital Trust
Wirral University Teaching Hospital NHS Foundation Trust	Merseyside Waste Disposal Authority
Merseytravel	Mersey Fire and Rescue Service
Merseyside Police	Wirral Environmental Partnership

Merseyside Environment Network  
Transition Town West Kirby  
VCA Wirral

Groundwork Merseyside  
Energy Saving Trust  
Forum Housing Association

### **3.0 KEY JOINT INITIATIVES TO REDUCE WIRRAL'S CARBON FOOTPRINT**

#### **3.1 Wirral Wide Carbon Reduction Programme**

3.1.1 The Wirral-wide Carbon Reduction Programme (for clarity, items in blue text represent changes since the last report), a copy of which is attached to this report at appendix A, is a key document as NI 186, which measures 'per capita reduction in CO<sup>2</sup> emissions in the LA area', is one of Wirral's LAA targets. The programme thus provides key evidence of the partnership working taking place across Wirral to reduce CO<sub>2</sub> emissions.

#### **3.2 Wirral CRed**

3.2.1 Since the launch of the CRed Wirral website in December 2009, there have been promotional stalls on 29 occasions. CRed Wirral stalls have featured at a variety of community events and venues including libraries, workplaces and shopping centres. An advertising campaign under the theme 'Take the CRed Pledge and Save' was launched over the summer period with billboard and bus back posters. Radio features on Heart FM ran in tandem. These documented the experiences of a local family putting a variety of carbon saving pledges into action. An editorial article and advert ran in the environmental supplement 'It's our World' part of the 'Wirral News' newspaper.

3.2.2 CRed Wirral branded banner stands, posters, leaflets and postcards, based on the 'Take the CRed Pledge and Save' theme are now available to support further campaign activities (please refer to Appendix B to view a selection of literature). Four schools have agreed to help pilot a school-focused CRed promotion from the autumn. A wider roll-out of this campaign is then planned subject to the lessons learned.

3.2.3 Since the last progress report in March 2010, the number of people directly engaged with CRed Wirral has more than tripled to **819 people**. During this period, actions worth an extra **128 tonnes** of carbon dioxide have been pledged. The total savings pledged now equates to **295 tonnes** of CO<sub>2</sub> emissions.

#### **3.3 PlanIt4CAST**

3.3.1 A series of PlanIT4CAST Workshops developed and delivered by the "pixelfountain" organisation were organised across Merseyside earlier this year as part of the free CLASP training programme for members of the Local Strategic Partnership, Partner Organisations and Council officers. The Wirral event was held on the morning of 11 May, 2010 at Birkenhead Park Visitors Center.

- 3.3.2 Planit4CAST is a learning simulation which models the life of a virtual community with eight teams, representing the LSP, partners and Council officers, such as Transport, Utilities, Housing, Health, Education and Emergency Services etc. Implementing both mitigation and adaptation strategies and considering the economic, social and environmental factors, delegates have to work together to solve problems, understand cause and effect, and encourages collaboration and joined up working on Climate Change Strategy development and implementation.
- 3.3.3 The results on the day showed that although there are some great ideas and actions being taken, the exercise clearly demonstrated that there is real value in the different service providers sharing information on planning and delivery through talking to one another. It also helped to show that more time and money could be saved with better communication and coordination.

### **3.4 Business Support**

- 3.4.1 Groundwork Merseyside have launched a new ENWorks programme for 2010. The programme is available to all businesses in Wirral and uses a Toolkit to assist in identifying and delivering carbon savings within their organisations and assists us to deliver NI 186. Up to 200 places will be made available across Merseyside and it is hoped that this year will see a greater level of participation from Wirral businesses due to an improved programme approach and delivery through dedicated officers at Groundwork Merseyside.
- 3.4.2 Initially Groundwork Merseyside is seeking to work with larger companies or high CO<sub>2</sub> emitters as these can achieve the highest savings through a range of measures deigned to deliver quick-wins together with more long-term measures to achieve significant CO<sub>2</sub> emissions savings, energy efficiency and energy savings.
- 3.4.3 Following a Partnering Event in April where representatives from the Merseyside Districts met with Groundwork Merseyside to discuss the 2010 programme and its implementation, it was agreed that the best way forward in Wirral would be for the Sustainability Unit to work closely with Invest Wirral and Groundwork Merseyside to identify suitable local businesses for inclusion in the programme and to ensure that Wirral secures a reasonable proportion of the 200 places available by developing an ENWorks Action Plan and Work Programme together with a green business event to stimulate interest and secure commitment from Wirral businesses to sign-up to the programme.
- 3.4.4 Groundwork Merseyside are also benefiting from the recently launched business hot desk initiative, available through Invest Wirral at Egerton House, where colleagues from Groundwork Merseyside will be available to speak to anyone interested in enrolling on the ENWorks programme or developing a green energy action plan for their business. This will include diagnostic advice and information and awareness raising materials for businesses to take away with them to help them get started with reducing their carbon emissions.

### 3.5 NI 188 Planning to Adapt to Climate Change

3.5.1 As reported at the Sustainable Communities Overview and Scrutiny Committee meeting in June, through the requirements of NI 188, Local Authorities have been tasked with assessing their preparedness together with the Local Strategic Partnership (LSP) partners to plan for and manage potential risks from a changing climate. NI 188 is a continuous process and this year we are committed to delivering Level 2, of the 5 Levels (measured 0 to 4), by March 2011.

3.5.2 Therefore, the Council is reviewing risks to: service delivery; the public; local communities & infrastructure; businesses and the natural environment. The process will also identify any new and potential opportunities that may arise from predicted changes in the climate. The impacts of a changing climate might include flooding, extreme hot and cold temperatures, drought and increase in extreme weather events such as storms.

3.5.3 To deliver the requirements of NI 188, the Sustainability Unit is preparing a Local Climate Impact Profile (LCIP) to help identify existing vulnerability to extreme weather events. The completed LCIP will be important in helping to identify current vulnerabilities to the weather events in the context of future climate predictions.

3.5.4 Once completed, the LCIP will be useful in illustrating the likelihood and types of potential threats and opportunities that the occurrence of extreme weather events due to climate change could cause and the implications for the planning and delivery of services across the Borough.

3.5.5 A Risk Assessment Workshop is planned for Autumn 2010, where LSP Partners and Council officers will use the LCIP to understand how prepared we are to adapt to a changing climate. We will assess and prioritise the identified risks and opportunities. Listed below are some examples of the potential threats and opportunities unseasonal, severe and extreme weather events might mean for Wirral:

#### 3.5.6 Threats

- **Highways and Coastal** – Severe cold and icy weather, heavy snowfall and storms leading to flood and wind damage to buildings and transport infrastructure disrupting traffic and economic activity.
- **Housing** – Damage from extreme weather events and flooding to residential properties resulting in costly repairs, and requirements for temporary accommodation and public services.
- **Public Health and Social Services**- More frequent weather extremes resulting in an increase in accident and emergency hospital admissions.
- **Environmental Health** –Warm weather leading to: problems with putrescible materials resulting in an increase in odour and vermin problems; food safety concerns; and prolonged air pollution episodes, leading to poor air quality.

- **Economic** – Increased heavy rainfall disrupting economic activity as a result of flooding.
- **Tourism** – Warmer summers leading to an increased demand for local services and greater pressure at visitor sites with more litter and congestion.
- **Environment & Biodiversity** - Warmer weather causing native species to decline and non-native species to thrive.

### 3.5.7 Opportunities

- **Highways** – Highway maintenance budgets reduced as a result of reductions in snowfall and icy conditions due to warmer winters.
- **Housing** – Reduction in fuel poverty as a result of a warmer climate.
- **Economic** – Utilising the potential demands in and related to a low-carbon economy, green technology and tourism to work more strategically with partners to provide and implement economic and social development.
- **Tourism** – Warmer summers providing greater potential for scope of tourism strategy and boost in outdoor leisure activities.
- **Life Chances** – Potential for increases in business, education, employment and training opportunities in relation to anticipated emphasis on future development of low-carbon economy and green-technology development, potential for outdoor recreation/leisure.

3.5.8 We will ultimately develop an Adaptation Strategy and Action Plan that identifies, assesses and prioritises risks and embeds them into the strategic planning and delivery of services.

## 3.6 **Liverpool City Region Update; Liverpool City Region Environment and Waste Board – Low Carbon & Renewable Energy: Network Review**

3.6.1 A review of the priority area ‘Low Carbon & Renewable Energy’ is currently being carried out to evaluate the existing network's resource support availability and strategic alignment to ensure it remains fit for purpose. A report has been prepared for the Board meeting in September, which sets out a number of options to help ensure these networks are best placed to deliver on the work of the Board going forward.

3.6.2 Options are intended to support the business simplification goal by suggesting cost-neutral interventions to allow the city region authorities to ‘do more with less’. At the same time the proposals are also transformational in nature by enabling the city region to dramatically scale-up its activities on delivery and fundraising as well as be in a position to ‘speak with one voice’.

3.6.3 The Board is being asked to consider the following options, which are set out briefly below for the purpose of updating the committee:

- **Option 1 'Do Nothing'** – Retain the existing networks in their current format.
- **Option 2 'Low Carbon Advisory Service'** – The step change required to grasp the opportunities presented by a shift to a low carbon society requires the city region to invest in its capacity to take informed decisions.
- **Option 3 'Low Carbon Agency'** – Option 2 is necessary but not sufficient. There is a wider lack of speedy and coherent coordination across the city region, notably in terms of regional, national or European funding bids which means the lack of a single point of contact, information and advice results in us being less competitive than other regions.
- **Option 4 'Low Carbon Hub' (a hybrid of options 2 + 3)** – Option 3 is the more desirable option, however during a time of unprecedented spending cuts, the appetite and resource to establish a new institution is unwelcome. A hybrid of options 2 & 3 means establishing a *virtual* or 'diluted' Low Carbon Agency in the form of a 'no frills' Low Carbon Hub.

3.6.4 In terms of next steps, once the Board is clear on its preferred option(s), detailed terms of reference will be developed.

### 3.7 Domestic Energy Efficiency

3.7.1 The Council's free home insulation scheme is now underway. It offers free loft and cavity wall insulation to owner occupiers, private tenants and private landlords and is non means-tested. It aims to insulate 80% of all private sector properties in need of insulation by March 2014; this will achieve insulation of 31,000 lofts and 26,500 cavity walls, leading to lifetime CO<sub>2</sub> savings of just over 870,000 tonnes. Priority will be given to those geographical areas in most need due to high levels of fuel poverty and low levels of cavity wall insulation.

3.7.2 Current carbon reduction schemes for households also include CosyHomes; an initiative that provides improvements to insulation (free of charge for all private households) and heating improvements for low-income households. Where heating improvements have taken place, the average CO<sub>2</sub> saving for each property has been 2 tonnes per year. This equates to just under £400 savings per year on fuel bills.

3.7.3 Funding beyond March 2011, which up to now has been from HMRI, is uncertain. There will still be a need to provide heating grants in priority areas of the borough after March 2011 to low-income households that do not qualify for the Government's grant scheme. If this doesn't continue, private sector housing standards (and therefore reductions in CO<sub>2</sub> emissions from heating systems) will not improve at the same rate as in previous years.

## 4.0 STAFFING and FINANCIAL IMPLICATIONS

4.1 The lead and coordination of the Wirral-wide Carbon Footprint Reduction Programme will continue to be resourced by the Head of Service and staff

from the Council's Sustainability Unit, within the Department of Technical Services.

## **5.0 EQUAL OPPORTUNITIES IMPLICATIONS**

5.1 There are no specific implications under this heading.

## **6.0 PLANNING IMPLICATIONS**

6.1 There are no specific implications under this heading.

## **7.0 COMMUNITY SAFETY and HUMAN RIGHTS IMPLICATIONS**

7.1 There are no specific implications under these headings

## **8.0 ENVIRONMENTAL SUSTAINABILITY IMPLICATIONS**

8.1 Working with our partners to improve energy efficiency, reduce energy needs and improve overall environmental performance in our respective organisations, we will continue to reduce Wirral's Carbon Footprint. The progress and performance achieved with our partners will enable us to lead by example and encourage local businesses, residents and communities to reduce their CO<sub>2</sub> emissions across the borough.

## **9.0 SOCIAL INCLUSION IMPLICATIONS**

9.1 The provision of domestic energy efficiency improvements in housing in areas of multiple-deprivation may help to close the gap between standards of living and access to opportunity. The scheme aims to provide improved insulation and heating and combat fuel poverty which in turn delivers a reduction in the overall number of unfit properties and an improvement in living conditions.

## **10.0 ANTI-POVERTY IMPLICATIONS**

10.1 Energy efficiency measures produce positive economic benefits as they support the aim of reducing fuel poverty for low-income households and improving the quality of life for those residents in most need whilst also assisting the Council's environmental performance on reducing CO<sub>2</sub> emissions across the existing housing stock.

## **11.0 HUMAN RIGHTS IMPLICATIONS**

11.1 There are no specific implications under this heading.

## **12.0 ACCESS TO INFORMATION ACT**

12.1 There are no specific implications under this heading.

## **13.0 LOCAL MEMBER SUPPORT IMPLICATIONS**

13.1 The NI 186 Carbon Footprint Reduction projects are borough wide.

## **14.0 RECOMMENDATIONS**

14.1 This Committee is requested to:

- (i) Note the performance and progress of the various Wirral-wide 'Carbon Reduction' projects undertaken by the Council and its LSP and other partners.
- (ii) To endorse the various joint 'Carbon Reduction' projects being undertaken, and support future proposed projects.

**DAVID GREEN**  
DIRECTOR, TECHNICAL SERVICES

This report was prepared by **Tony Dodd**, Sustainability Unit Manager, who can be contacted on 606 2354 and **Hazel Edwards**, Climate Change Officer, who can be contacted on 606 2423.



**Appendix A - Wirral Wide Carbon Reduction Programme  
Wirral Council & Key Partners Delivery Plan 2009/10 (April 2010 to September 2010)**

**Version 1.d: Status at August 2010**

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
<b>WIRRAL COUNCIL</b>								
WC1	Technical Services Wirral Council	<b>Carbon Footprint Performance Monitoring</b>	Improve the overall method of monitoring performance & assist in reporting NI185, 186, 194, CRC, EN 16001 and the Carbon Trust Standard	Monitor emissions from: <ul style="list-style-type: none"> <li>• Energy use in Buildings</li> <li>• Transport Fleet.</li> <li>• Business Mileage.</li> </ul>	Identify & quantify Council-wide emissions	Begin the process of automatic data collection- refer to section EN4	Continue to improve the overall method of data collection. Work with Finance Dept. to introduce Electronic Billing - Review Energy Database Progress - Monthly	<b>G</b>
WC2	Technical Services Wirral Council	<b>Investment Energy Efficiency Programme PHASE 1, 2, 3 &amp; 4</b>	Reduce the Council's carbon emissions by 60% by 2025. Going forward, achieve carbon neutrality for the borough by 2050. Assist in achieving proxy targets set in NI 186	<ul style="list-style-type: none"> <li>• Electrical Energy Efficiency Scheme</li> <li>• Awareness Raising Programme</li> <li>• Automatic Meter Reading Project</li> <li>• Street Lighting Energy Efficiency Improvement Schemes</li> <li>• Develop policies to install Intelligent Luminaires and Biomass Heating system</li> </ul>	A reduction in emissions. Phase 1 reduction 1,200 t.CO <sub>2</sub> <a href="#">Electrical Efficiency Scheme, anticipated savings 837 t.CO<sub>2</sub></a>	Programmes in various stages of progress	Manage the systems to ensure savings are maintained. Monitor performance	<b>G</b>
WC3	Technical Services Wirral Council	<b>Wirral CRed Scheme</b>	Help to achieve 60% carbon reduction in the borough by 2025. Assist in the operation of the LAA	Develop and promote the CRed scheme together with our partners the Wirral PCT and Cheshire & Wirral Hospital NHS Trust	Encourage Wirral wide reductions in emissions	<a href="#">Website launched 5<sup>th</sup> Dec '09. Promotional campaign launched summer 2010. CRed stall featured 29 occasions. 819 people have registered, making 2092 pledges to reduce</a>	<a href="#">Continue to promote - monthly Pilot schools promotion autumn 2010</a>	<b>G</b>

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						emissions by 295 tonnes of CO <sub>2</sub>		
WC4	Technical Services Wirral Council	<b>Renewables</b>	Reduce the Council's carbon emissions by 60% by 2025. Help to achieve carbon neutrality for the borough by 2050.	<ul style="list-style-type: none"> <li>Solar Water Heating Scheme at Europa Pools</li> <li>Photovoltaic Scheme at Cheshire Line Building</li> <li>Develop a bio-mass fuel contract for Floral Pavilion</li> </ul>	Identify good practice improve the output generated from renewable technologies Expected emissions reduction of 1.95 t.CO <sub>2</sub> from PV	Complete  System Installed and operational  Contract awarded in Oct '08 to local supplier	Monitor Performance. Develop system of automatic monitoring  Monitor Performance.  Extend contract to include new projects - Monthly	G  G  G
WC5	Office Depot Wirral Council	<b>Reduce the number of Office Depot delivery days to three.</b>	To support the reduction of carbon emissions by 60% by 2025, CPSU has arranged with Office Depot to reduce the number of days they deliver to the Authority. Approximately 40% of purchase orders with Office Depot are under £50  Reducing the number of purchase orders under £50 will assist in reducing emissions and use of resources through the reduction in the number of invoices and deliveries	<ul style="list-style-type: none"> <li>Deliveries will be reduced from 5 days to 3 days per week from Oct 09</li> </ul>	% or tonnage of CO <sub>2</sub>	Office Depot to confirm figure for % or tonnage CO <sub>2</sub> in due course. 28.10.09	Monitor & manage performance – Apr '10	G
WC6	<b>Corporate Services</b>	<b>Wirral Affordable</b>	Improve performance under	Delivery of local fuel poverty initiatives	Cosy Homes	"Bright Spark"	Annual review of	A

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	Department Wirral Council	<b>Warmth Strategy</b>	NI 187: % of households in receipt of means tested benefits living in homes with a low and a high energy efficiency rating, and LAA Local Indicator 4266: # of households receiving energy efficiency measures under the Warm Front grant)	such as "Warmer Wirral" and "Bright Spark" to increase energy efficiency grant take-up, refer households for benefit entitlement checks and promote energy tariff and supplier switching. Deliver "CosyHomes" local grant for free insulation, heating improvements and solar water heating for vulnerable households and install insulation and solar water heating as part of Group Facelift Schemes in the Housing Market Renewal Area	will deliver a saving of 218.82 tonnes/yr of CO2 over the lifetime of the scheme Warm Front will deliver a saving of 3604.87 tonnes/yr of CO2 over the lifetime of the scheme The Craven & Paterson Streets scheme will see 30 solar heating installations saving 99.3 tonnes/yr of CO2. General CERT savings will be 866.46 tonnes/yr.	successfully completed in March. "Warmer Wirral" and "CosyHomes" targets met. Local indicator 4266 fell below target due to an increase in the grant maximum but no corresponding increase in funding from Government. Craven & Patterson St scheme has installed 16 solar thermal systems so far.	Strategy. Quarterly review of individual initiatives	
WC7	Corporate Services Department Wirral Council	<b>Warmstreets</b>	Assist in achieving proxy targets set for NI 186 by improving performance on reducing domestic CO <sub>2</sub> emissions	Install 2500 insulation measures by December 2010	Warm Streets delivered a saving of 50.88 tonnes/yr of CO2 over the lifetime of the	Warm Streets ended in March 2010 due to the imminent arrival of the Free Insulation Programme.	Review monthly; quarterly reports	<b>G</b>

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					scheme.	The envisaged number of measures therefore wasn't reached through this initiative, but will be more than made up for by the new Free Insulation Programme.		
WC8	Corporate Services Department Wirral Council	<b>Wirral Free Insulation Programme</b>	Improve performance under NI 187: % of households in receipt of means tested benefits living in homes with a low and a high energy efficiency rating Assist in achieving proxy targets set for NI 186 by improving performance on reducing domestic CO <sub>2</sub> emissions	Install 57,544 home insulation measures by March 2014	The programme will deliver a saving of 4035 tonnes / yr CO <sub>2</sub> in its first year and 8070 tonnes / yr in each following years.	Tender for scheme managing agent awarded to Energy Projects Plus, with British Gas providing the CERT funding and installations. Due to begin late August 2010.	Install 5755 measures by 15 <sup>th</sup> December 2010. Install 8222 measures by 31 <sup>st</sup> March 2011.	<b>G</b>
WC9	Technical Services Department Wirral Council	<b>Wirral Council Staff Travel Plan</b>	Encourage more sustainable travel behaviour to staff	Action plan of measures in place, promotion and communication of schemes undertaken. The Travel Plan has been monitored annually a full travel survey was undertaken in 2010 with 2104 members of staff participating	The 2010 Staff Travel Survey results show 58.9% of staff drive to work alone. Total car mileage claimed for 2009-10 was 2,624,557	Staff travel survey undertaken and review of Travel Plan ongoing	Complete and produce update to Travel Plan	<b>G</b>

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					miles.			
<b>KEY WIRRAL COUNCIL JOINT PARTNER ACTIVITIES</b>								
JA1	Wirral Council NHS Wirral CWP NHS Trust	<b>Wirral CRed Scheme</b>	Help to achieve 60% carbon reduction in the borough by 2025. Assist in the operation of the LAA	Develop and promote the CRed scheme together with our partners the Wirral PCT and Cheshire & Wirral Hospital NHS Trust	Encourage Wirral wide reductions in emissions	CRed Wirral launched 5 <sup>th</sup> Dec '09 Since the launch CRed has seen 211 people register with the site, making 1089 pledges to reduce emissions by 159 tonnes of CO <sub>2</sub>	Promote & Market CRed - Monthly	<b>G</b>
JA2	Wirral Council NHS Wirral CWP NHS Trust	<b>Joint Climate Change Awareness Poster Campaign</b>	Raise awareness of the impacts of Climate Change	Produce a jointly sponsored poster campaign	Raise awareness of Climate Change and the need to reduce emissions	Initial project complete	Following positive staff survey results in WBC the campaign was felt to be a success. Further posters\ messages to be produced – Apr '10	<b>G</b>
JA3	Wirral Council LSP	<b>CLASP LSP Workshop on Climate Change</b>	To raise awareness of the collective responsibility to manage climate change and deliver a response to NI186	Half day workshop delivered by consultants on behalf of NWRDA on 7 <sup>th</sup> September '09	To raise awareness of the collective responsibility of the LSP	The formation of the Wirral Climate Change Group	Develop outcomes gained to collectively develop the Wirral Wide Strategic Carbon Reduction Programme	<b>G</b>
JA4	Wirral Council NHS Wirral CWP NHS Trust Fire & Rescue Service Merseytravel Merseyside Police	<b>Wirral Climate Change Group</b>  <i>(Formerly the Nottingham Declaration Working Group)</i>	Manage the joint delivery of NI 186 with all partners	Expand membership of the group. Develop draft Wirral Wide Strategic Carbon Reduction Programme. <a href="#">Terms of Reference agreed.</a>	Collective approach to the delivery of NI 186	Invited strategic members to attend. Developed draft action plan Develop Draft	Collectively manage the Wirral Wide Strategic Carbon Reduction Programme. To be reviewed on a quarterly basis	<b>G</b>

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	Wirral Environmental Partnership Transition Towns West Kirby Merseyside Environment Network Energy Saving Trust Groundwork Merseyside					Terms of Reference		
JA5	Wirral Council NHS Wirral	<b>Wirral MBC kerbside waste recycling scheme</b>	To implement a kerbside recycling service to 17 NHS Wirral clinical sites to increase waste recycling rates	<ul style="list-style-type: none"> <li>- Carry out site waste audits</li> <li>- Confirm date of new general waste contract start</li> <li>- Meet with Wirral MBC to discuss start date of waste recycling scheme</li> <li>Deliver mini, 240L and 1100L bins to NHS Wirral premises</li> </ul>		<p>Complete</p> <p>Started Jan 10</p> <p>Meeting held 10/09</p> <p>Awaiting delivery dates in Feb 10</p>	<p>Arrange for reduced general waste bin sizes at chosen sites</p> <p>Arrange for collection every 2 weeks</p>	<b>A</b>
<b>CHESHIRE &amp; WIRRAL HOSPITAL NHS TRUST</b>								
CW1	Cheshire and Wirral Partnership NHS	<p><b>SO7 – Sustain financial viability</b></p> <p><b>SO5- Performance manage all services using an evidence based approach within a risk management framework</b></p>	Achieve Board Approved Energy Policy	<ul style="list-style-type: none"> <li>- Set up Energy Group as sun group to Environmental Strategy Group</li> <li>- Prepare Heads of Terms</li> <li>- Prepare Energy Policy</li> <li>- Obtain Trust Board Approval</li> </ul>	Energy Group and report to Environmental Strategy Group prior to submitting Trust Board for approval	Heads of Terms and Energy Policy 2 <sup>nd</sup> draft for final approval Dec 2009		
CW2	Cheshire and Wirral Partnership NHS	<p><b>SO7 – Sustain financial viability</b></p> <p><b>SO5- Performance manage all services using an evidence based approach within a risk</b></p>	Carbon Reduction 10% by 2015 using 2007 as the base year	<ul style="list-style-type: none"> <li>- Establish carbon of base year</li> <li>- Establish carbon for most recent year</li> <li>- Produce action plan over 5 years to show: -</li> <li>- Project plan, Capital investment</li> <li>- Revenue consequences</li> <li>- Consider viability of renewable energy</li> </ul>	Energy Group and Environmental Strategy Group	Carbon base for 2007 established Sept 09		

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		management framework		<p>sources and report findings</p> <ul style="list-style-type: none"> <li>- Investigate bids for funding both NHS and external sources</li> <li>- Offer to Finance Planning and Performance Committee for approval prior to Trust Board</li> </ul> <ul style="list-style-type: none"> <li>- Ensure the Energy Group has links to the capital and property team regarding refurbishments and new builds and that the project group reports back energy matters to the Energy Group</li> <li>- A 5 year planned programme of boiler replacement and energy efficient lighting in place</li> </ul>		BREEAM workshops held for new development target to achieve excellence		
	Cheshire and Wirral Partnership NHS		<p>Waste Management strategy</p> <p>Reduction Recycling and reuse is basis of the organisation waste management policy that promotes the Waste Hierarchy principle</p> <p>Review contracts with all suppliers to ensure sustainable viability</p> <p>Waste audits carried out</p>	<p>Minimise the production and disposal of waste that cannot be recovered, recycled or reused monitor, report and set targets on management of domestic and clinical waste. Promote re-use of trust assets as norm, recycling by products such as packaging and actively working on reduction of waste at source.</p> <p>Redefined and re classify waste streams in line with HTM 07-01 safe management of Healthcare waste</p> <p>New contract with local contractor ensures that 95% of general waste recovered the residual 5% waste going for fuel conversion. Drive for zero landfill within 3 years.</p> <p>Audits are assessed for reduction and</p>	<p>Segregation and recycling and re-use ongoing campaigns to keep waste out of landfill</p> <p>Cardboard paper and printer cartridges obsolete medical equipments and consumables are donated to charity</p> <p>4 collections completed =</p>	<p>2008-2009</p> <p>2007- 2009</p> <p>2007</p> <p>2007 - 2009</p>		

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	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
			annually  Waste handling and recycling training	segregation of waste  Paper banks help to promote paper recycling in the Trust. 12 banks in place Trust wide with 5 more planned for 2010. We have recycled approx 19.719 tonne to October 2009 which equates to 300 trees saved  Delivered at Induction and ad hoc	20 tonnes of equipment recycled to 3 <sup>rd</sup> world through Christian charity Aid to hospitals worldwide			
	Cheshire and Wirral Partnership NHS		Staff involvement and engagement  Eco Representatives  Environment Page for CWP Website Your Eco Environment	staff Eco Reps who promote the message of individual action leading to greater change and embedding a culture of good corporate citizenship  Walk to work week and Bike to Work week were both promoted to staff as part of healthy messages and carbon reduction  Information page about all the carbon reduction plans the trust has as well as interesting facts and figures on recycling targets	Meetings arranged 4 times per year Reps have Opportunities for events and networking with other champions	July 2009  May and July 2009.  Jan 2010  Jan 2010		
	Cheshire and Wirral Partnership NHS		Green travel and transport	Energy Savings Trust prepare green fleet review and action plan for trust  Policy review group set up to review lease car policy CWP invited onto Government funded Motorvate scheme to review and monitor travel and transport  Bike user group established with reps from finance HR and environment to		Oct 2008  March 2009  April 2009 June 2009		



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				<p>establish interest and look at schemes available</p> <p>Links made with other groups to support and partnership work Lets travelwise and wise moves</p> <p>Govt. NHS cycle to work guarantee scheme signed up Commitment to investigate suitable alternative transport options for staff and service users including how to get to...information on Intranet</p>		<p>July 2009</p> <p>Oct 2009</p>		
CW3	Cheshire and Wirral Partnership NHS	<p><b>S07 – Sustain financial viability</b></p> <p><b>S05- Performance manage all services using an evidence based approach within a risk management framework</b></p>	<p>Introduce robust energy monitoring and produce action plans with investment plans against the high energy user buildings and sites; and the high cost per M3 buildings and sites</p> <p>Ensure leak free water distribution systems</p>	<p>- Update TEAM software</p> <p>- Achieve accurate meter readings and bill monitoring</p> <p>- Prepare regular reports for Head of Estates and Facilities to demonstrate action or <b>no action</b></p> <p>- Establish procedure for regularly testing procurement of energy against the market prices</p> <p><b>WATER</b></p> <ul style="list-style-type: none"> <li>- Produce a report to establish evidence of water consumption</li> <li>- Phase out plastic bottled water programme throughout all Trust properties 2009-10</li> <li>- Introduce plumbed in units or use of tap water</li> </ul> <p>Prepare regular reports for Head of Estates and Facilities to demonstrate action or <b>no action</b></p>	Energy Group Operational Estates	<p>New TEAM Software installed and data being transferred and checks against reporting in progress Sept 09</p> <p>Meter reading regime set up and working well</p> <p>Bill management under discussion with finance dept to make improvements</p>		

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CW4	Cheshire and Wirral Partnership NHS	<p><b>SO7 – Sustain financial viability</b></p> <p><b>SO5- Performance manage all services using an evidence based approach within a risk management framework</b></p>	<p>All buildings that require a Display Energy Certificate (DEC's) have complied</p> <p>Achieve Level D in all buildings/targeting those at Level E, F &amp; G</p>	<p>- Survey buildings over 1000m2 floor area and fit DEC's</p> <p>- Prepare action plan for those buildings at E or below to show: -</p> <ul style="list-style-type: none"> <li>• Project plan</li> <li>• Capital investment</li> <li>• Revenue consequences</li> </ul>	Energy Group Operational Estates	DEC's completed to 75%		
<b>NHS WIRRAL</b>								
WP1	NHS Wirral	<b>Environmental Impact Assessment &amp; Carbon Footprint</b>	<p>10:10 Commitment; Reducing carbon emissions by 10% during 2010-11 across the following areas:</p> <ul style="list-style-type: none"> <li>- electricity</li> <li>- gas</li> <li>- road transport</li> <li>- air travel</li> </ul>	<p>- Demolition of old inefficient buildings at St. Catherine's Hospital and moving into more efficient updated accommodation</p> <p>- Encouraging staff to use car travel less and promoting alternative transport methods</p> <p>- Improving energy efficiency of existing estates premises</p>	Actual CO <sub>2</sub> savings from improved energy efficiency & reduced travel	<p>Final dept. decant complete May 10</p> <p>Electrical &amp; gas disconnection June 10</p> <p>Old buildings demolished July 10</p> <p>Q1 staff mileage claims 50% down on 2008-09 data</p> <p>Benchmarking 2009-10 energy efficiency data for each site</p>	<p>Ongoing promotion of walking, car sharing, and cycle to work, public transport loan and pool car schemes.</p> <p>Carry out energy audits on 5 least energy-efficient premises and recommend improvements</p>	<b>A</b>
WP2	NHS Wirral	<b>Wirral MBC kerbside waste recycling scheme</b>	To implement a kerbside recycling service to 17 NHS Wirral clinical sites to increase waste recycling	<ul style="list-style-type: none"> <li>- Carry out site waste audits</li> <li>- Confirm date of new general waste contract start</li> </ul>	Reduction in waste to landfill (and associated	Complete Started Jan 10		<b>A</b>

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			rates	<ul style="list-style-type: none"> <li>- Meet with Wirral MBC to discuss start date of waste recycling scheme</li> <li>- Deliver mini, 240L and 1100L bins to NHS Wirral premises</li> <li>- Reduce frequency of general waste collection in line with increased recycling</li> </ul>	CO2 emissions) and increase in PCT and WMBC municipal waste recycling rates	<p>Complete</p> <p>Arrangements in place with WMBC</p>	<p>Deliver external bins to outstanding sites</p> <p>Investigate collection days further to assess capacity</p>	
WP3	NHS Wirral	<b>Sustainable transport planning</b>	To encourage the use of sustainable transport and reduce personal car use by NHS Wirral staff, patients and visitors in line with Travel Plan	<ul style="list-style-type: none"> <li>- Carry out staff travel survey to establish 2009 baseline against 2007 &amp; 2008 data</li> <li>- Continue to work with Wirral Council and Travelwise on the production and distribution of How to Get to Guides for all main sites</li> <li>- Introduce sustainable transport incentive schemes to encourage staff to use alternatives to car travel</li> <li>- Use HQ relocation as 'step changer' to increase public transport use</li> <li>- Investigate pool car use for office staff</li> </ul>	<p>Reduced CO2 emissions from staff travelling to and from work and carrying out business related travel.</p> <p>Active travel as a health benefit for staff, patients and visitors.</p>	<p>Complete</p> <p>How to Get to Guides for Treetops Health site and Victoria Central produced and circulated</p> <p>Cycle to work and public transport loan schemes launched to staff</p> <p>Complete</p> <p>Complete – 2 pool cars in place at Old Market House</p>	<p>Further publicity of incentive schemes throughout PCT</p>	<b>G</b>

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				<p>- Finalise pool bikes policy and locate pool bikes ready for use at Old Market House</p> <p>- Investigate Wirral shuttle bus scheme</p> <p>- Carry out staff travel survey by November 2010 to assess impact of sustainable transport actions against travel plan targets</p>		<p>Awaiting sign-off of policy and final location of bikes</p> <p>No longer proceeding due to funding issues</p>	PCT HR dept. to arrange travel question in annual staff survey	
<b>MERSEYTRAVEL</b>								
MT1	Merseytravel	<b>EMS (ISO14001)</b>	Ensure environmental performance of Merseytravel is at a high and externally recognised standard and all operations are legally compliant.	Part of the delivery mechanism for Environmental Sustainability Strategy covering all Merseytravel operations. All operational areas are covered and EMS Management Plan contains detailed actions.	Annual external assessment in October	Successful accreditation each year since 2003	Continual improvement as required by ISO standard, development of relevant policies and procedures and ensuring legal compliance	<b>G</b>
MT2	Merseytravel	<b>Environmental Sustainability Strategy</b>	Steers all sections of Merseytravel in how they undertake their operations resulting in minimal environmental impact	Five year document (currently 2006-2011) in-line with LTP covering all areas of Merseytravel work. New strategy being developed this year.	Review in 2010 for new strategy	Currently under review for achievement of previous targets		<b>G</b>
MT3	Merseytravel	<b>Annual Environmental Report</b>	Assists in monitoring targets set by EMS and achievements made across the organisation. Public statement of our actions.	Due to be released January 2010. 2011 data gathering begins April 2010 for next report. Updated in relation to environmental agenda and in particular carbon reduction and climate change.	Annually produced in Dec covering previous financial year	Delayed production – now Jan 2010	Preparation for next report	<b>G</b>
MT4	Merseytravel	<b>Staff Awareness and Behaviour Change</b>	Reduction in energy use, more sustainable use of resources and informed	Training for staff, recruitment of 'Ambassadors', regular awareness campaigns and events	Ongoing with quarterly reviews and	90% of staff have been through	Ongoing training, recruitment and promotional activity	<b>G</b>

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			decision making		annual planning	'training', management group established		
MT5	Merseytravel Wirral Council United Utilities Stagecoach	<b>EU Sustainable Biofuel Project (BIONIC)</b>	Increase in use of sustainable biofuel production	Promotion and use of Sustainable Biofuel in NW England, operation of NW Biofuel Network, case study development with local fleets, production of best practise guideline and final conference	Project runs Nov 2007 to Nov 2010. Conference in 2010	Three trials of high-blend biofuels underway or completed	Develop NW Network and continuation of case studies	<b>G</b>
MT6	Merseytravel Bus operators	<b>Low Carbon Emission Bus Fund</b>	Bring lower carbon buses to Merseyside fleet	Bid for funding to support use of low carbon buses was successful resulting in 11 electric vehicles for C1-C5 routes in LCC	Vehicles to be operational Summer 2010	General agreement on locations and funding needs to be confirmed	Identification of charging points, funding and planning consent	<b>G</b>
MT7	Merseytravel Arriva	<b>Eco-Manager driver system</b>	More efficient driving and reduced fuel use and therefore CO2	Arriva vehicles equipped with ECO-Manager and staff trained for use	Launched 2009	Operation in some of Arriva fleet and showing approx 6% reduction in fuel use (tbc)	Roll-out across whole fleet and possible uptake of similar system by other operators	<b>G</b>
MT8	Merseytravel	<b>Travel Plan</b>	Encourage more sustainable travel behaviour to staff	Promotion of initiatives to all staff whether travelling to / from work or on business	Since 2003 Review 2010.		Review	<b>G</b>
MT 9	Merseyside Transport Partnership inc Merseytravel and Wirral MBC	<b>Local Transport Plan (LTP) development and delivery</b>	Ensure Carbon Reduction / Climate Change is key foundation for transport development across Merseyside	Focus on Carbon Reduction for LTP3 from March 2011.  Currently in development.	LTP3 runs from April, consisting of a long-term strategy (up until 2024), supported by 3-year implementation plans.  Carbon	Climate Change Officer appointed in Jan 2010.  Goal 2 of the LTP, 'to provide and promote a clean and low carbon transport system' covers climate change	Preferred strategy goes out to consultation on 8 <sup>th</sup> September for 12 weeks.  The final preferred strategy and first 3-year implementation plan will be produced following consultation.	<b>G</b>

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					reduction and air quality targets to be confirmed.	and carbon reduction.		
MT 10	Merseyside Transport Partnership inc Merseyside and Wirral	<b>LTP TravelWise Programme</b>	Increased awareness and uptake of walking, cycling, public transport and travel planning	Lead on Smarter Choices elements of LTP across Merseyside	LTP Support Unit review (Sep-Oct 2010) and LTP3 development	Many programmes across Merseyside.  Some reduction in programmes as a result of funding cuts.	Work programme from 2011 onwards to be set as part of LTP3 development and LTP Support Unit review (Sep-Oct 2010).	<b>G</b>
MT 11	Merseyside Transport Partnership inc Merseyside and Wirral	<b>LTP Integrated Assessment (including EIA)</b>	Identify and reduce environmental impacts of transport schemes in LTP3	Environmental impact of LTP3 (EIA was also undertaken for LTP2)	Final document September 2010	Progressing to agreed timescales. Final report to be published with LTP3 Strategy.  First stage consultation completed March 2010.	Presentation of results and development of options and considerations	<b>G</b>
MT 12	Low Emission Strategy RGI (inc Merseyside Transport Partnership)	<b>Low Emission Strategy (Output 1)</b>	Reduce environmental impacts of transport through use of the planning system	Develop Merseyside planning policy note with potential for developing into a Supplementary Planning Document in the future	Due to be completed by April 2011	Working group has been set up to deliver policy note	Establish reasonable and achievable level of contributions required from developers	<b>G</b>
MT 13	Low Emission Strategy RGI (inc Merseyside Transport Partnership)	<b>Low Emission Strategy (Output 2)</b>	Reduce environmental impacts of transport through use of the planning system	Embed Low Emission Strategies within LTP3	April 2011	Developing and implementing the low emission strategy is identified as priority action for LTP3	Preferred strategy goes out to consultation on 8 <sup>th</sup> September for 12 weeks.	<b>G</b>

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MT 14	Low Emission Strategy RGI (inc Merseyside Transport Partnership)	<b>Low Emission Strategy (Output 3)</b>	Reduce environmental impacts of transport through use of the planning system	Produce a model scheme for using offset contributions received in lieu of LES actions to support low emission buses and infrastructure	April 2011	Merseytravel are investigating legal implications of such a scheme	Merseytravel report back on legal implications of scheme	<b>G</b>
MT 15	Low Emission Strategy RGI (inc Merseyside Transport Partnership)	<b>Low Emission Strategy (Output 5)</b>	Reduce environmental impacts of transport through use of the planning system	Examine and report back on how the taxi licensing system can be used to reduce emissions	Due to be completed by April 2011	Work being taken forward through LTP Taxi Group.  Workshop held with taxi trade to debate options for reducing emissions	Proposals to be proposed through LTP3 process  Taxi demonstration day to be held	<b>G</b>
<b>MERSEYSIDE FIRE &amp; RESCUE SERVICE</b>								
FR1	MFRS	<b>Reduce CO2 emissions from our normal business activities (NI185/NI186)</b>	Reduce by 30% from 31 <sup>st</sup> March 2008 to 1 <sup>st</sup> April 2013.	Following baseline carbon emission calculations from utility use, reduction targets have been set and is being implemented by a formal Carbon Management Programme	Annually until 2013	Carbon Management Plan approved by Authority and being implemented	Continue on planned programme formalised within Carbon Management Plan	<b>G</b>
FR2	MFRS	<b>Maintain external environmental and energy accreditations (NI185/NI186)</b>	Maintain ISO 14001:2004 and Carbon Trust Standard accreditations	Maintain existing accreditation by managing energy plus environmental aspects & impacts.	Surveillance audit Dec 09	Accreditation for both maintained 2008	Continual improvement for both is the aim for MRFS	<b>G</b>
FR3	MFRS	<b>Tackling fuel poverty (NI187)</b>	MF&RS is able to support local communities through its Home Fire Safety Checks programme, by identifying homes, which could benefit from energy efficiency	This measures the proportion of households on income related benefits for whom an energy assessment of their housing has been carried out, living in homes with low energy efficiency or high-energy efficiency	Ongoing programme	Ongoing programme	Continue to support the communities in which we work	<b>G</b>

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			support					
FR4	MFRS Wirral BC and the National Trust	<b>Climate Change adaptation in Wirral by investment is fire fighting back packs for Wirral Rangers/Community Patrol (NI188/NI186)</b>	Minimise carbon emission from fires in Wirral	Prevent and tackle small fires in Wirral by training and investing in equipment for Wirral Rangers/Community Patrol which would lead to carbon emissions from those fires				<b>G</b>
FR5	MFRS	<b>Bike2Work scheme (NI185/NI186)</b>	Encourage cycling and public transport as an alternative to single user car travel	Formal Bike2Work scheme, offering interest free loan to purchase bicycles. Promote alternatives to single user car travel by promoting Bike2Work and providing information of public transport to staff and visitors	Aug 2009 Bike2Work completed	Bike2Work week completed	Staff survey on scheme to provide information for any future incentives.  Formal travel plan to be approved by Merseyside Fire Authority	<b>G</b>
FR6	MFRS North West Fire Services Sustainability Network	<b>Collaborative working with other NW Fire Services (NI185/NI186/NI187/NI188)</b>	Shared environmental knowledge and professional practice across all 5 NW fire services	North West Fire Services Sustainability Network hold regular formal meetings to discuss environmental & carbon management to share good practice and knowledge	Next meeting Oct 09	Next meeting Oct 09	Continue to build professional relationships & knowledge sharing across all 5 NW fire services	<b>G</b>
<b>MERSEYSIDE POLICE</b>								
MP1	MPS	<b>Energy Management</b>	Achieve Energy Efficiency Accreditation under the Carbon Trust Energy Efficiency Accreditation Scheme (EEAS)	Recognition of our progress in Energy Management Strategy	Reduced Carbon Emissions from Premises and Premises related activities	Accreditation obtained Feb 2006 Completed	Continue to develop our strategy	<b>G</b>
MP2	MPS	<b>Energy Management</b>	MPS Received the Eon Award for Achievements in	Energy Efficiency improvement Programme, Energy Champions	Reduced Carbon	Dec 2006 Recognition of	Refocus Energy Management Strategy	<b>G</b>



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			Energy Management via EEAS	Awareness Campaign, 130 Energy Champions Trained, Training provided to Partner Organisations in Merseyside & Northwest	Emissions from Premises and Premises related activities	our Achievements in Energy Management	to target Carbon Emissions Reduction	
MP3	MPS	<b>Carbon Management</b>	Achieve the Carbon Trust Standard Accreditation	Year on Year Carbon Emissions Reduction	Reduced Carbon Emissions from Premises and Premises related activities	Accreditation Received Sep 2008	Expand Carbon Reduction Strategy to other Force Operations	<b>G</b>
MP4	MPS	<b>Carbon Management</b>	Join Carbon Trust Local Authority Carbon Management Programme	Expand Carbon Reduction Strategy to include Vehicle Fleet Operations, Business Travel and Landfill Waste	Introduce Specific Targets for Reduction in Line with UK Government Targets	Accepted into LACM7 Scheme May 2009, Carbon Management Team Set up within the force and a Target of 34% Reduction by 2020 established	Complete 5 Year Carbon Management Programme Report by end of Dec 2009	<b>G</b>
MP5	MPS	<b>Cycle to Work Scheme</b>	Reduced Car Usage and Commuter Carbon Emissions	Offer Discount Cycle Purchase Scheme to all Employees	Reduced CO2 Emissions	Introduced Cycle to Work Scheme Introduced Sep 2009 £250,000 allocated for cycle purchase.	Introduce Car Share Scheme Oct 2009	<b>G</b>

**COMMUNITY GROUPS**

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TT1	Transition Town West Kirby	<b>Awareness raising about energy supply and climate change</b>	A greater awareness in West Kirby and elsewhere in the Wirral about future energy shortages and climate change	Public meetings with film shows and talks on 'peak oil' and climate change Tables at community events Leaflets Contributions to WBC consultations	ongoing	Meetings attended by 400 individuals Regular email update	Further public film shows and talks Whole/half day event with LSP	<b>G</b>
TT2	Transition Town West Kirby	<b>Promotion of Sustainable Food</b>	An increase in the proportion of food that is locally grown (Wirral or nearby)	Promotion of allotments Promotion of growing in own gardens Planting community orchard Establishing local buying group and/or farmers market	ongoing	80+ trees planted New allotment society formed Contact with local growers	Further tree planting Local food guide Setting up local buying group and /or farmers market	<b>G</b>
TT3	Transition Town West Kirby, Crass Roots	<b>Greater Community Cohesion and Resilience</b>	Wirral communities better able to withstand future pressures from energy shortages	Lantern Parade Promotion of community events	ongoing	Lantern Parades 2008, 2009 Website of local events	Lantern Parade 2010 Ongoing promotion including more local community groups	<b>G</b>
TT4	Transition Town West Kirby	<b>Promotion of Sustainable Transport</b>	An increase in walking and cycling	Provision of walking and cycling literature at community events, e.g. maps from Sustrans, Travelwise, and Wirral Council Publicity of walking/cycling surveys	ongoing	Leaflets provided at 12+ events Participation in pedestrian surveys	ongoing	<b>G</b>
TT5	Transition Town West Kirby	<b>Home Energy Awareness Raising</b>	Home energy efficiency	Public meetings with talks from experts on insulation, solar hot water, wood-burning stoves Loaning of energy monitor	ongoing	Meetings attended by 100+ people	Database of local installers of solar hot water and solar PV installation	<b>G</b>
<b>MERSEYSIDE WASTE DISPOSAL AUTHORITY</b>								
MWD A 1	/Merseyside and Halton Waste Partnership	<b>Review Joint Municipal Waste Management Strategy for Merseyside</b>	New Merseyside wide municipal waste management strategy up to 2030 but potentially looking at carbon targets up to 2050 and ecological and carbon footprints.	Statutory Strategic Environmental Assessment and Sustainability Appraisal of the strategy.  Detailed Options Analysis for partnership and district outcomes.	Flexibility to manage resources, reduce waste and maximise environmental benefits in a	Tender awarded 13 <sup>th</sup> August 2010	Detailed Options workshops for members and officers week commencing 10 January 2011  SEA stakeholder	<b>G</b>

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			Public engagement and buy in for the strategy recommendations.	Future Resource Management Thinking Project – future strategic direction for resource management, future waste composition, future manufacturing and future waste infrastructure.  Public Consultation Programme October – December 2010	low carbon economy  Input thinking into strategy review	Tender awarded 31 July 2010 by Environlink  Tender to be awarded 26 August 2010	workshop November 2010  District Scrutiny committees Feb-March 2011  Future Thinking Report published November 2010  Strategy publication December 2011	
MWD A 2	MWDA	<b>Headline Sustainability Strategy</b>	To ensure that sustainability is integrated into all authority activities and operations.	Strategy includes work-streams and action plans for; Sustainability; Climate change; Corporate Social Responsibility; Sustainable procurement and; Environmental management.	Reductions in environmental impacts and CO2 emissions.	Strategy presently under review.	Updated strategy and work-streams to be published in 2011	<b>G</b>
MWD A 3	MWDA	<b>EMS ISO 14001:2008</b>	To ensure that the performance of the EMS improves on an annual basis and that accreditation is maintained.	Scope and actions of the EMS relate to office base and 7 Closed Landfill Sites. Impact actions in place.	On-going Methane extraction. (Generated electricity, sent to the National Grid).	EMS in second year of a 3 year accreditation process.	To widen the scope to include environmental impacts of main contractors – Veolia and A.N.Other (to be appointed).	<b>G</b>
MWD A 4	MWDA	<b>Reduce CO2 emissions from Authority operations and activities (NI 185 – corporate</b>	To reduce CO2 emissions from activities and operations.	Office waste management; Office electricity management and; Closed Landfill Site management.	Carbon footprints for office waste, electricity	Baseline data established for waste and electricity	Set CO2 reduction targets for waste and electricity.	<b>G</b>

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		<b>objective)</b>			consumption. And Methane.	consumption and Methane.		
MWD A 5	MWDA	<b>Mitigate and adapt to climate change (NI 188 – corporate objective)</b>	Activities and operations to undergo climate change risk assessments.	Activities and operations screened for climate change risks.	Reduced CO2 emissions and more robust infrastructure.	Current contract specifications include climate change mitigation and adaptation.	New contract specifications to include climate change mitigation and adaptation.	<b>G</b>
MWD A 6	MWDA, Veolia and A. N. Other	<b>Reduce CO2 emissions from Authority operations and activities (NI 185 – corporate objective)</b>	Annual Carbon Footprint of service delivery using WRATE Analysis tool.	Tender evaluations and awards include provision for mitigating and adapting to climate change. Reduce CO2 emissions from partner operations and planned new builds and refurbishments.	To increase the proportion of renewable energy in use.	100% renewable energy sourced for services provided by Veolia. Presently establishing baseline data.	Future HWRC's to be less carbon intensive in their construction and use. Set CO2 reduction targets for activities, operations and services.	<b>G</b>
MWD A 7	MWDA, Veolia and A. N. Other	<b>Mitigate and adapt to climate change (NI 188 – corporate objective)</b>	Activities and operations to undergo climate change risk assessments.	BREEAM standards set for new and refurbished infrastructure.	Lower carbon footprints for infrastructure.	Low Carbon Household Waste Recycling Centre study completed.	Set CO2 reduction targets for activities, operations and services.	<b>G</b>
MWD A 8	Merseyside and Halton Waste Partnership	<b>Love Food Hate Waste</b>	Reduction in the volume of food waste put in residual household bins.	Awareness-raising through events and visits.	Reductions in CO2 and Methane.	2 year WRAP and MWDA funded project. Ends March 2011.	To develop exit and forward strategies. To develop wider collections services for food waste.	<b>G</b>
MWD A 9	Merseyside and Halton Waste Partnership	<b>Home Composting campaign</b>	Reduction in the volume of garden waste put in residual household bins.	Awareness-raising through events and visits.	Reduction in CO2 and Methane.	New campaign launched April 2010. Approximately 12,000 compost bins sold across Merseyside (2008/10).	Increase education and awareness of the benefits of home composting.	<b>G</b>

**Appendix A - Wirral Wide Carbon Reduction Programme  
Wirral Council & Key Partners Delivery Plan 2009/10 (April 2010 to September 2010)**

**Version 1.d: Status at August 2010**

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
MWD A 10	MWDA	<b>Waste Education Strategy</b>	Increase community awareness of the links between unwanted household goods (waste) and climate change.	Awareness of climate change and its links to waste are capitalised on during group visits to Bidston Recycling Centre and when visiting the wider community.	Greater understanding of climate change issues by the community.	2009/10, 45 visits and 876 people engaged.	Increase education and awareness of the links between household waste and climate change.	<b>G</b>
MWD A 11	Merseyside and Halton Waste Partnership	<b>Food Waste Collection and Treatment Study</b>	Feasibility study of the most efficient food waste collection and treatment service.	Analysis of the options for food waste collection and treatment service. A comparison with other food waste collection and treatment services.	A reduction of food waste in residual waste stream. A reduction in associated methane emissions from decomposing food. Potential source of renewable energy (CHP)	On-going discussion and considerations from April 09. April 2010 WRAP commissioned to undertake study. Nov 2010 study to be concluded.	Dependent of the findings of the study.	<b>G</b>
<b>GROUNDWORK MERSEYSIDE</b>								
GM1	Groundwork Merseyside	<b>Delivering the ENWORKS Programme</b>	ENWORKS is diagnostic consultation tool funded by NWDA and run by Groundwork Merseyside; sign-up is voluntary but if secured can provide advice and information to support and assist Wirral businesses, regardless of shape and size, to raise awareness on energy efficiency and identify, implement and achieve CO2 reductions and savings	Attendance at the Wirral Invest Partners Forum meeting on 4 <sup>th</sup> May to discuss Groundwork Merseyside and the ENWORKS programme and how the Resource Efficiency Support[RES] can help all local Wirral Businesses save money and carbon.  Attendance at the Mersey Maritime Summit meeting on 10 <sup>th</sup> June to network and discuss the ENWORKS programme with businesses attending the meeting.	Assist in the delivery of NI 186, support Wirral businesses in taking-up energy efficiency and CO2 savings	Businesses assisted: 22;  Cost Savings Identified: £225,788.89;  CO <sup>2</sup> (tonnes): 1635;  Co <sup>2</sup> Achieved (tonnes): 106; and, Appointments	Groundwork Merseyside to continue to identify and contact businesses to arrange diagnostic consultations and discuss assistance and support through RES and the hot-desk initiative. Contact details and awareness-raising materials for use in the work place to be made available at Invest Wirral	

**Appendix A - Wirral Wide Carbon Reduction Programme  
Wirral Council & Key Partners Delivery Plan 2009/10 (April 2010 to September 2010)**

**Version 1.d: Status at August 2010**

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
				<p>Presentation to the Federation of Small Businesses (FSB) event in Bromorough to highlight the benefits to business of the ENWORKS programme on 29<sup>th</sup>.</p> <p>1<sup>st</sup> July Groundwork Merseyside had a stand at the Wirral Business Fair which was a successful day with discussions with local businesses about the benefits of reducing energy costs and savings and in turn carbon reduction.</p> <p>Attendance at the Mersey Maritime Breakfast meeting on 6<sup>th</sup> July to strengthen Groundwork Merseyside's presence at this group and build rapport with clients moving forward.</p> <p>Meeting with Invest Wirral on 30<sup>th</sup> July to finalise details of Keith Lloyd hot-desking there one day a week to strengthen links with Wirral and Wirral businesses whilst assisting Invest Wirral with the environmental agenda.</p>		planned for August: 4		

# Appendix B - A Selection of CRed Wirral Literature

## CRed Outdoor printed items

**How to get saving**

Sign up to CRed Wirral by visiting [www.credwirral.org.uk](http://www.credwirral.org.uk)

The CRed Wirral website provides lots of helpful advice and tips to help you cut your carbon emissions. There's something for everyone, from taking shorter showers, and turning your thermostat down, to installing radiator panels, switching off unused appliances and reducing food waste. There are many ways to get involved and start saving.

**Make a pledge and start saving...**

Many carbon cutting actions can help you save money. Just by making your home energy efficient, you could save over £300 a year on your energy bills.

**Sign up today!**

It couldn't be simpler. Make a pledge and start saving.

- Explore over 80 carbon saving activities for lighting, heating, appliances, travel, waste, water and renewable energy.
- Make pledges to carry out carbon cutting actions to suit your lifestyle at home, at work, and through travel.
- Carry out your pledges and start saving.

**With CRed Wirral you can:**

- See the carbon savings your pledges generate.
- View the combined savings for Wirral from other carbon savvy people using CRed Wirral.
- Get practical information and support to maximise your success.
- Keep up with the latest news and find details of local events.
- Discover details of available energy grants.

**Up for a challenge?**

If we all work together and make a pledge to reduce our carbon emissions we can create a cleaner, greener Wirral.

**Imagine a low carbon Wirral...**

- Less pollution and no traffic jams.
- Thriving local shops and businesses.
- A more robust local economy - not one dependent on oil and gas from far-away places.
- Cosy homes with renewable heat and power that doesn't cost the earth.
- More abundant fresh, local and seasonal food - tasty too!
- A Wirral where more people are fit and active.

Sign up to CRed Wirral now at [www.credwirral.org.uk](http://www.credwirral.org.uk). It's free and simple. Make a pledge and start saving.

If you are not an internet user but would like to take part, please contact the CRed Wirral team on 0151 606 2020.

WIRRAL Printed on recycled paper credwirral.org.uk

Leaflet

**I want to take part in CRed Wirral**

Name

Email

CRed Wirral is internet based. If you do not have access to the internet, or an email address but would still like to take part please provide your postal address:

Address

Postcode

If you want to get started now, please select some initial pledges from the list below:

Switch off unused appliances  Switch to a green electricity tariff  Recycle  Take a short shower not a bath

If you also consent to contact from CRed Wirral affiliated partners, please tick here

**TAKE THE CRed PLEDGE & SAVE**

credwirral.org.uk WIRRAL

Postcard

**CRed Wirral carbon reduction** WIRRAL

**TAKE THE CRed PLEDGE & SAVE**

Start saving today! Choose from over 80 carbon saving pledges at ... [credwirral.org.uk](http://credwirral.org.uk)

Poster