SUSTAINABLE COMMUNITIES OVERVIEW and SCRUTINY COMMITTEE

8th March 2010

REPORT OF THE DIRECTOR OF TECHNICAL SERVICES

'REDUCING WIRRAL'S CARBON FOOTPRINT' - PROGRESS REPORT no 1

1.0 EXECUTIVE SUMMARY

- 1.1 This first 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', and refer this report on to Cabinet.

2.0 BACKGROUND

- 2.1 Wirral's Climate Change Strategy was approved by Cabinet in June 2007. Partnership working 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 To improve its own emissions the Council initially set a target within the CCS to achieve a 20% reduction in carbon emissions by 2010. Due to the successful implementation of phase 1 & 2 Energy Efficiency Investment initiatives, this target was achieved by late 2007, significantly ahead of schedule. The Council has now adopted the CRed target of a 60% reduction by 2025 and is now working with residents, communities and both the public and private sectors to achieve their own reductions.
- 2.3 Wirral's Carbon Reduction Programme coordinates all Council activities to reduce its CO₂ emissions. This corporate programme was approved by Cabinet in Sep 2008. Progress Update reports are presented to Councillors bi-annually, with the last progress update given in Sep 2009, next is due to this Committee in June 2010.
- 2.4 Wirral's joint working with external partners to reduce CO₂ emissions across the borough was started by its Nottingham Declaration Working Group (NDWG) which had its inaugural meeting in June 2006. The group meets on a quarterly basis, and 12 meetings have been held to date. 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 2009/10 Corporate Priority 2.2, to 'Reduce Wirral's Carbon Footprint'.

2.5 The following external partners now regularly attend the WCCG meetings in addition to Council officers and Members :

Wirral NHS
Cheshire and Wirral Hospital Trust
Merseytravel
Mersey Fire and Rescue Service
Merseyside Police
Wirral Environmental Partnership
Merseyside Environment Network
Groundwork Merseyside
Transition Towns West Kirby
Energy Saving Trust
VCA Wirral
Forum Housing Association

Other organisations that have expressed a wish to join the WCCG include:

Wirral University Teaching Hospital NHS Foundation Trust Merseyside Waste Disposal Authority

- 2.6 In September 2009, a full day event was held comprising a CLASP workshop in the morning, and in the afternoon the WCCG met and began drafting its NI 186 Strategic Climate Change Action Plan to collate all the CO₂ reduction activities being undertaken by partners across the Wirral.
- 2.7 In the 2009 Wirral Area Assessment (Wirral LSP), the Audit Commission (AC) positively highlighted the work being undertaken by the WCCG and at events such as at the September CLASP workshop. The AC report stated:

'Good improvements in the local environment have been made and partners are working together to reduce the area's carbon footprint'

'Wirral is developing a good approach to sustainability. Partners have assessed what impact their work could have on the environment, and what they need to do to minimise this ..'

'Wirral is developing a good approach to the environment. Partners understand how they can be more environmentally friendly in the way they do things. They are developing plans to reduce the carbon footprint and their impact but this work is still at an early stage'

- 2.8 Since the CLASP workshop in Sep 2009 good progress has been made. At its last meeting on 26th January 2010, the WCCG approved the Terms of Reference for the group, these are attached at **appendix A**, and also signed off version 1 of its Wirral-wide Carbon Reduction Programme.
- 2.9 The Wirral-wide Carbon Reduction Programme, a copy of which is also attached to this report at **appendix B**, is a key document as NI 186, which measures 'per capita reduction in CO² 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 CO₂ emissions.
- 2.10 In addition to regularly reporting to this Committee, progress on the Wirral-wide Carbon Reduction Programme is also reported through the LSP framework, via the Living and Working Environment Partnership and the LSP Board (see diagram attached at **appendix C**).

3.0 KEY JOINT INITIATIVES TO REDUCE WIRRAL'S CARBON FOOTPRINT

- 3.1 A **Poster Campaign** was developed in partnership with Wirral NHS and Cheshire and Wirral Hospital Trust, based around the four themes of the Climate Change Strategy, viz; Energy, Waste, Transport and Awareness. Posters are now displayed in public buildings belonging to the respective organisations.
- Wirral CRed was launched on the 5th December 2009 at Tranmere Rovers. The aim of CRed Wirral is to encourage Wirral residents and workers to take actions to reduce their carbon emissions (CO2). Central to the initiative is an interactive website (www.credwirral.org.uk) where people can explore and choose from 80 carbon cutting 'pledges'. These pledges cover a variety of potential actions at home, work and travelling. (Refer to CRed letter to all staff and Members at appendix D). We are currently promoting CRed with our partners, (refer to appendix E for the CRed Promotional Programme Development for 2010/11, prepared by the Council's PR Team).
- 3.3 The Low Carbon Community Challenge (LCCC) Fund is a two-year research programme and grant designed to test delivery options for achieving cuts in carbon emissions at community level. Wirral Council, in partnership with Energy Projects Plus and EST, submitted a phase 2 LCCC bid in December 2009. The LCCC will enable the development of bespoke local schemes to improve energy efficiency and tackle the wider issue of climate change. As a project in the Cheshire area was successful under phase 1 and that there were only twelve awards available nationally in the oversubscribed phase 2 bid, our joint bid was unsuccessful in obtaining the funding. However, building on the work already undertaken to prepare the bid, we are working with the Energy Saving Trust Advice Centre and the Port Sunlight Trust to hopefully deliver an Energy Efficiency/Sustainability event in Port Sunlight later in the year. This event will advise residents on how they can insulate, install Smart Meters, give planning advice and direct them to manufacturers with 'approved products' to enable them to thermally upgrade windows on their listed homes within the Port Sunlight Conservation Area.
- 3.4 **CLASP** LSP Workshop on Climate Change. To enable us to work more closely with our LSP partners we organised a workshop on Climate Change which took place on the 7th September. The workshop theme was "Getting Started on NI186" which then enabled us to begin working with our partners on a programme to actively manage our borough wide emissions.

- 3.5 The joint **Wirral Council** and **Wirral NHS Kerbside Recycling Scheme** will see the implementation of a kerbside recycling service to 17 NHS Wirral clinical sites to increase waste recycling rates within the borough.
- 3.6 The attached Programme at appendix **B** details all the joint and individual partner projects in detail. As outlined at 2.3, Wirral's NI 185 activities are reported separately to this Committee.

4.0 MEASURING OUTCOMES OF THE NI186 WIRRAL-WIDE ACTION PLAN

- 4.1 We are currently investigating the use of **TrACE** (Tracking Action on Carbon Emissions), a new tool launched recently by the Energy Saving Trust. This tool can be used to record evidence on CO₂ saving actions undertaken in a local authority area related to domestic, transport and commercial/industrial emissions. The tool can hopefully be used to provide evidence to the Audit Commission for Comprehensive Area Assessments and for tracking progress against the LAA NI 186 target. The Energy Saving Trust are currently in discussion with DECC and the Audit Commission about standardising the data recorded and are hoping that TrACE will form the basis for this in the future.
- 4.2 The Wirral CRed website reports the CO₂ emission savings arising with the individual CRed pledges made and it also keeps a running total of these savings. Users of the website will receive regular e-bulletins that link to local news, events and case studies featured on the site. Since the launch in December 2009, 223 CRed members have reduced their CO₂ emissions through pledges made, by a total of 166.54 tonnes, although this figure increases weekly depending on the number of pledges made.

5.0 ARRANGEMENTS FOR MONITORING DELIVERY OF THE PLAN

- 5.1 The proposed monitoring and delivery of the Wirral-wide NI 186 Carbon Reduction Action Plan within the Council will be as follows:
 - Regular updates by partners to WCCG meetings, held approx every 6 weeks
 - Wirral-wide NI 186 Carbon Reduction Action Plan progress updates to the LSP Living and Working Environment Partnership at its 6 weekly meetings
 - Bi-annual Update Wirral-wide NI 186 Carbon Reduction Action Plan Progress Reports to the Sustainable Communities Overview & Scrutiny Committee in the usual manner;
 - Regular informal Cabinet Member briefings.

The Council's NI 186 partnering organisations will have their own structures and mechanisms in place to monitor and report the delivery of their respective Carbon Reduction projects.

6.0 STAFFING and FINANCIAL IMPLICATIONS

6.1 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.

7.0 EQUAL OPPORTUNITIES IMPLICATIONS

7.1 There are no specific implications under this heading.

8.0 PLANNING IMPLICATIONS

8.1 There are no specific implications under this heading.

9.0 COMMUNITY SAFETY and HUMAN RIGHTS IMPLICATIONS

9.1 There are no specific implications under these headings

10.0 ENVIRONMENTAL SUSTAINABILITY IMPLICATIONS

10.1 We will reduce Wirral's Carbon Footprint by working with our partners to improve energy efficiency, reduce energy needs and improve overall environmental performance in our respective organisations and jointly work with residents and businesses achieve these objectives. The progress and performance achieved with our partners will enable us to take a lead and encourage local businesses, residents and communities to reduce their CO₂ emissions across the borough.

11.0 SOCIAL INCLUSION IMPLICATIONS

11.1 There are no specific implications under this heading.

12.0 ANTI-POVERTY IMPLICATIONS

12.1 There are no specific implications under this heading.

13.0 ACCESS TO INFORMATION ACT

13.1 There are no specific implications under this heading.

14.0 LOCAL MEMBER SUPPORT IMPLICATIONS

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

15.0 RECOMMENDATIONS

- 15.1 This Committee is requested to:
 - (i) Note the Terms of Reference of the Wirral Climate Change Group
 - (ii) Note the performance and progress of the various Wirral-wide 'Carbon Footprint Reduction' projects undertaken by the Council and its LSP and other partners.
 - (iii) To endorse the various joint 'Carbon Footprint Reduction' projects being undertaken, and support future proposed projects,
 - (iv) To endorse the proposed arrangements for monitoring the delivery of these projects including regular informal briefings for the Cabinet Member for Environment and the LSP Board.
 - (v) To refer this report on to Cabinet for approval.

DAVID GREEN

DIRECTOR, TECHNICAL SERVICES

This report was prepared by **Brian Anderson**, Head of Building Design and Development Control who can be contacted on 606 2308 and **Tony Dodd**, Sustainability Unit Manager, who can be contacted on 606 2354.

Appendix A – Wirral Climate Change Group – Terms of Reference

Mission Statement for the Wirral Climate Change Group

"Based around the four climate change themes of **Awareness**, **Energy**, **Transport** and **Adaptation** the Wirral Climate Change Group (WCCG) will:

- seek to reduce per capita CO₂ emissions across the borough and utilise partnership working to deliver the objectives of living within our environmental limits;
- seek to deliver a high quality living and working environment as set out in Wirral's Sustainable Community Strategy and Local Area Agreement; and
- seek to ensure that the Local Strategic Partnership is delivering its commitment to sustainability through regular appraisal of the action being taken to deliver Wirral's Sustainable Community Strategy and Local Area Agreement.

The WCCG will support the Council to achieve the adopted target of a 60% reduction in carbon emissions by 2025 through the reporting structure of the Wirral Wide Carbon Reduction Delivery Plan, together with the implementation of the Community Carbon Reduction Programme [CRed]; working with residents, communities and both the public and private sectors to help achieve their own CO₂ reductions."

Scope - Core Objectives of the Group

The Core Objectives for the Group are as follows:

- Through effective partnership working between the Council and it's Local Strategic Partners [LSP], achieve a 60% reduction in per capita CO₂ emissions across the borough by 2025 through the established reporting structure of the Wirral Wide Carbon Reduction Delivery Plan together with the implementation of the CRed initiative where we will work with residents, communities and both the public and private sectors to help achieve their own CO₂ reductions:
- Monitor, review, report and take corrective action for the Wirral Wide Strategic Climate Change Delivery Plan that sets out the actions that will address NI 186 Per Capita Reduction in Emissions in the Local Authority Area and achieve the SCS and LAA Improvement Priorities of a high quality living and working environment;
- Optimise the use of available partner resources to achieve the objectives of the Group through the effective working and communication between partner organisations and use of performance information contained in the Delivery Plan;
- Promote effective engagement and consultation with local communities and neighbourhoods on reducing CO₂ emissions in the borough using the CRed tool as a model to facilitate the achievement of Living and Working Environment Partnership objectives;
- Progress the Local Strategic Partnership's commitment to delivering sustainability through holding an annual Environmental and Sustainability Advisory Forum. The Forum will review the activity being undertaken by the Local Strategic Partnership to deliver its Sustainable Community Strategy and Local Area Agreement and make appropriate recommendations relating to the sustainability of this activity;

• Promote a wider understanding of sustainability across the Council and partner agencies.

Scope – LAA Improvement Priorities/ Measures of Success

Current LAA Improvement Priorities within the scope of the Action Group are as follows:

Per Capita Reduction in Emissions in the Local Authority Area (NI 186)

Other National Indicators within the scope of the Partnership:

Reduce CO₂ emissions from Local Authority operations (NI 185)

Scope - Key Plans and Strategies

Sustainable Community Strategy - Wirral 2025
Local Area Agreement for Wirral
Wirral Council's Corporate Plan
Comprehensive Engagement Strategy
Emerging Local Development Framework- Core Strategy
Wirral Climate Change Strategy
Wirral Wide Carbon Reduction Programme
Merseyside Joint Municipal Waste Management Strategy
Local Transport Plan (LTP2/ LTP3)

Governance and Reporting Arrangements

The WCCG reports and is accountable to the LSP Living and Working Environment Partnership and, as a Local Strategic Partnership enabling group, will also be accountable to the LSP Executive Board in respect of its broader objective to promote the sustainable delivery of Wirral's Community Strategy and Local Area Agreement.

Membership

Representation from organisations should be at a sufficient level to enable decisions and commitment to be made and advice to be given to facilitate the achievement of the Core Objectives of the Group.

The organisations represented on the Group are as follows:

Technical Services Department, Wirral Council

Regeneration Department, Wirral Council

Corporate Services Department, Wirral Council

Wirral Direct

Local Authority Public Sector Partners

Community Groups

Energy Saving Trust

Format and Administration of Meetings

The format and administration for the WCCG meetings is as follows:

- Meetings to be chaired by Wirral Council Technical Services as lead statutory body responsible for local environmental quality issues;
- Meetings to take place on a quarterly basis reflecting the cycles of Living and Working Partnership, LSP Management Group and LSP Executive Board meetings;
- An Environmental and Sustainability Advisory Forum to take place on annual basis reflecting the performance management and evaluation cycles of the Sustainable Community Strategy and Local Area Agreement; and

Meeting agenda and papers to be sent out to representatives at least three working days in advance of the Group meeting and all administration, recording of minutes etc to be provided by Wirral Council Technical Services.

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
			W	VIRRAL COUNCIL				
WC1	Technical Services Wirral Council	Carbon Footprint Performance Monitoring	Improve the overall method of monitoring performance and assist in reporting NI185, 186, 194, CRC, EN 16001 and the Carbon Trust Standard	Monitor emissions from:	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	G
WC2	Technical Services Wirral Council	Investment Energy Efficiency Programme PHASE 1, 2, 3 & 4	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	Building Insulation Programme and Electrical Energy Efficiency Scheme Awareness Raising Programme Automatic Meter Reading Project Street Lighting Energy Efficiency Improvement Schemes Develop policies to install Intelligent Luminaires and Biomass Heating system	A reduction in emissions. Phase 1 reduction 1,200 t.CO ₂	Programmes in various stages of progress	Manage the systems to ensure savings are maintained. Monitor performance – Mar '10	A
WC3	Technical Services Wirral Council	Wirral CRed Scheme	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 5th Dec '09 Since the launch CRed has seen 215 people register with the site, making 1102 pledges to reduce emissions by 160 tonnes of CO ₂	Promote & Market CRed - Monthly	G

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
WC4	Technical Services Wirral Council	Renewables	Reduce the Council's carbon emissions by 60% by 2025. Help to achieve carbon neutrality for the borough by	Solar Water Heating Scheme at Europa Pools	Identify good practice improve the output	Complete	Monitor Performance. Develop system of automatic monitoring	G
			2050.	Photovoltaic Scheme at Cheshire Line Building	generated from renewable technologies	Confirmation & installation process changed by LCBP, now awaiting grant approval	If grant approved, install PV array - Monthly	A
				Develop a bio-mass fuel contract for Floral Pavilion		Contract awarded in Oct '08 to local supplier	Extend contract to include new projects - Monthly	G
WC5	Office Depot Wirral Council	Reduce the number of Office Depot delivery days to three.	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	Deliveries will be reduced from 5 days to 3 days per week form Oct 09	% or tonnage of CO2	Office Depot to confirm figure for % or tonnage CO2 in due course. 28.10.09	Monitor & manage performance – Apr '10	G
WC6	Regeneration	Wirral Affordable	Improve performance under	Delivery of local fuel poverty initiatives	Cosy Homes	"Warmer Wirral",	Annual review of	Α

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
	Department Wirral Council	Warmth Strategy	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 of CO2 over the lifetime of the scheme Warm Front will deliver a saving of 5407.31 tonnes of CO2 over the lifetime of the scheme	"CosyHomes" and Bright Spark progressing well. Progress under local indicator 4266 is below forecast and targets are unlikely to be reached due to an increase in the grant maximum but no corresponding increase in funding from Government.	Strategy. Quarterly review of individual initiatives	
WC7	Regeneration Department Wirral Council	Warmstreets	Assist in achieving proxy targets set for NI 186 by improving performance on reducing domestic CO ₂ emissions	Install 2500 insulation measures by December 2010	Warm Streets will deliver a saving of 99.3 tonnes of CO2 over the lifetime of the scheme The Craven & Paterson Street scheme will see 30 solar heating installations saving 99.3 tonnes of CO2, with the CERT saving 866.46 tonnes of CO2. Total:	Promotion of Warm Streets scheme began October 2009. First report due end of January 2010. Carven & Patterson St scheme has installed 13 solar water systems this year with an additional 5 to be completed before the end of March 2010	Review monthly; quarterly reports	G

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
					7057.99 tonnes of CO2 saved			
			KEY WIRRAL COU	NCIL JOINT PARTNER ACTIVITIES				
JA1	Wirral Council NHS Wirral CWP NHS Trust	Wirral CRed Scheme	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 5th 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 ₂	Promote & Market CRed - Monthly	G
JA2	Wirral Council NHS Wirral CWP NHS Trust	Joint Climate Change Awareness Poster Campaign	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	G
JA3	Wirral Council LSP	CLASP LSP Workshop on Climate Change	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 th 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	G
JA4	Wirral Council NHS Wirral CWP NHS Trust Fire & Rescue Service	Wirral Climate Change Group (Formerly the Nottingham	Manage the joint delivery of NI 186 with all partners	Expand membership of the group. Develop draft Wirral Wide Strategic Carbon Reduction Programme & Terms of Reference	Collective approach to the delivery of NI 186	Invited strategic members to attend. Developed draft	Collectively manage the Wirral Wide Strategic Carbon Reduction Programme.	G

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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
	Merseytravel Merseyside Police Wirral Environmental Partnership Transition Towns West Kirby Merseyside Environment Network Energy Saving Trust Groundwork Merseyside	Declaration Working Group)				action plan Develop Draft Terms of Reference	To be reviewed on a quarterly basis	
JA5	Wirral Council NHS Wirral	Wirral MBC kerbside waste recycling scheme	To implement a kerbside recycling service to 17 NHS Wirral clinical sites to increase waste recycling rates	- Carry out site waste audits - Confirm date of new general waste contract start - Meet with Wirral MBC to discuss start date of waste recycling scheme Deliver mini, 240L and 1100L bins to NHS Wirral premises		Complete Started Jan 10 Meeting held 10/09 Awaiting delivery dates in	Arrange for reduced general waste bin sizes at chosen sites Arrange for collection every 2 weeks	A
			CHESHIDE 8 W	/IRRAL HOSPITAL NHS TRUST		Feb 10	·	
CW1	Cheshire and Wirral	SO7 – Sustain financial	Achieve Board Approved	- Set up Energy Group as sun group to	Energy Group	Heads of Terms		
	Partnership NHS	viability SO5- Performance manage all services using an evidence based approach within a risk management framework	Energy Policy	Environmental Strategy Group - Prepare Heads of Terms - Prepare Energy Policy - Obtain Trust Board Approval	and report to Environmenta I Strategy Group prior to submitting Trust Board for approval	and Energy Policy 2 nd draft for final approval Dec 2009		
CW2	Cheshire and Wirral Partnership NHS	SO7 – Sustain financial viability SO5- Performance manage all services	Carbon Reduction 10% by 2015 using 2007 as the base year	- Establish carbon of base year - Establish carbon for most recent year - Produce action plan over 5 years to show: Project plan, Capital investment	Energy Group and Environmenta I Strategy Group	Carbon base for 2007 established Sept 09		

Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
	using an evidence based approach within a risk management framework		Revenue consequences Consider viability of renewable energy sources and report findings Investigate bids for funding both NHS and external sources Offer to Finance Planning and Performance Committee for approval prior to Trust Board 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 A 5 year planned programme of boiler replacement and energy efficient lighting in place		BREEAM workshops held for new development target to achieve excellence		
Cheshire and Wirral Partnership NHS		Waste Management strategy Reduction Recycling and reuse is basis of the organisation waste management policy that promotes the Waste Hierarchy principle Review contracts with all suppliers to ensure sustainable viability	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. Redefined and re classify waste streams in line with HTM o7-01 safe management of Healthcare waste 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.	Segregation and recycling and re-use ongoing campaigns to keep waste out of landfill Cardboard paper and printer cartridges obsolete medical equipments and consumables are donated to charity	2008-2009 2007- 2009 2007 2007 - 2009		

Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
		Waste audits carried out annually Waste handling and recycling training	Audits are assessed for reduction and 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 tress saved Delivered at Induction and ad hoc	4 collections completed = 20 tonnes of equipment recycled to 3 rd 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	Meetings arranged 4 times per year Reps have Opportunities for events and networking with other champions	July 2009 May and July 2009. Jan 2010		
Cheshire and Wirral Partnership NHS		Green travel and transport	targets Energy Savings Trust prepare green fleet review and action plan for trust		Oct 2008		
			Policy review group set up to review lease car policy CWP invited onto Government funded Motorvate scheme to review and monitor travel and transport		March 2009 April 2009 June 2009		

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
				Bike user group established with reps from finance HR and environment to establish interest and look at schemes available		July 2009		
				Links made with other groups to support and partnership work Lets travelwise and wise moves		Oct 2009		
				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 toinformation on Intranet				
CW3	Cheshire and Wirral Partnership NHS	SO7 – Sustain financial viability SO5- Performance manage all services using an evidence based approach within a risk management framework	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 Ensure leak free water distribution systems	- Update TEAM software - Achieve accurate meter readings and bill monitoring - Prepare regular reports for Head of Estates and Facilities to demonstrate action or no action - Establish procedure for regularly testing procurement of energy against the market prices WATER - Produce a report to establish evidence of water consumption - Phase out plastic bottled water programme throughout all Trust properties 2009-10 - Introduce plumbed in units or use of tap water Prepare regular reports for Head of Estates and Facilities to demonstrate	Energy Group Operational Estates	New TEAM Software installed and data being transferred and checks against reporting in progress Sept 09 Meter reading regime set up and working well Bill management under discussion with finance dept to make		

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
				action or no action		improvements		
CW4	Cheshire and Wirral Partnership NHS	SO7 – Sustain financial viability SO5- Performance manage all services using an evidence based approach within a risk management framework	All buildings that require a Display Energy Certificate (DEC's) have complied Achieve Level D in all buildings/targeting those at Level E, F & G	- Survey buildings over 1000m2 floor area and fit DEC's - Prepare action plan for those buildings at E or below to show: - • Project plan • Capital investment • Revenue consequences	Energy Group Operational Estates	DEC's completed to 75%		
				NHS WIRRAL				
WP1	NHS Wirral	Environmental Impact Assessment & Carbon Footprint	To achieve a 2.5% reduction in Carbon Footprint through reduced energy use, transport and waste sent to landfill compared with 2008-09, leading up to 80% reduction by 2050	- Launch staff environmental awareness campaign - Set up energy, water and waste monitoring systems - Launch paper waste recycling facilities in SCH - Implement staff cycling facilities across 4 NHS Wirral sites - Launch cycle to work scheme - Begin CRed scheme with Wirral MBC - Launch staff travel incentives scheme through HR & finance - Set up paper waste recycling facilities in new HQ building	June 09 June 09 June 09 June 09 July 09 Sept 09 Nov 09 Jan 10	Launched June 09 Set up June 09 Launched June 09 Launched June 09 Launched July 09 Due for launch Feb 10 Arrangement in place with WMBC	Continue with ongoing campaign details Collect data from CWP on a monthly basis Expand services across NHS Wirral sites New window now open Continue awareness Interest free loan scheme Awaiting delivery of external bins and collection frequency	G
WP2	NHS Wirral	Wirral MBC kerbside waste recycling scheme	To implement a kerbside recycling service to 17 NHS Wirral clinical sites to increase waste recycling rates	Carry out site waste audits Confirm date of new general waste contract start Meet with Wirral MBC to discuss start date of waste recycling scheme Deliver mini, 240L and 1100L	April/May 09 Sept 09 Sept 09 Sept 09 Jan 10	Complete Started Jan 10 Meeting held 10/09 Arrangements in place with	Arrange for reduced general waste bin sizes at chosen sites. Arrange for collection of bins every 2 weeks	A

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
				bins to NHS Wirral premises		WMBS		
WP3	NHS Wirral	Sustainable transport planning	To encourage the use of sustainable transport and reduce personal car use by NHS Wirral staff, patients	- Carry out staff travel survey to establish 2009 baseline against 2007 & 2008 data	April/May 09	ESR data cleanse carried out April 09	Obtain ESR data for analysis	G
			and visitors in line with Travel Plan	- Continue to work with Wirral Council and Travelwise on the production and distribution of How to Get to Guides for all main sites	June 09	How to Get to Guide for Treetops Health site produced and circulated June 09	Agree roll out to other main sites (VCHC)	
				- Introduce sustainable transport incentive schemes to encourage staff to use alternatives to car travel	June – Dec 09	Cycle to work scheme launched July 09	Interest free public transport loan scheme to be launched with comms. to staff	
				- Use HQ relocation as 'step changer' to increase public transport use	Jan 10	Travelwise clinics held Aug 09		
				- Investigate pool car use for office staff	Feb 10		Rental of pool cars in place Feb 10	
				- Investigate Wirral shuttle bus scheme	March 10	Initial discussions with WMBC	Research into staff travel claims carried out	
			ı	MERSEYTRAVEL				
MT1	Merseytravel	EMS (ISO14001)	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	G
MT2	Merseytravel	Environmental	Steers all sections of	Five year document (currently 2006-	Review in	Currently under		G

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
		Sustainability Strategy	Merseytravel in how they undertake their operations resulting in minimal environmental impact	2011) in-line with LTP covering all areas of Merseytravel work. New strategy being developed this year.	2010 for new strategy	review for achievement of previous targets		
MT3	Merseytravel	Annual Environmental Report	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	G
MT4	Merseytravel	Staff Awareness and Behaviour Change	Reduction in energy use, more sustainable use of resources and informed decision making	Training for staff, recruitment of 'Ambassadors', regular awareness campaigns and events	Ongoing with quarterly reviews and annual planning	90% of staff have been through 'training', management group established	Ongoing training, recruitment and promotional activity	G
MT5	Merseytravel Wirral Council United Utilities Stagecoach	EU Sustainable Biofuel Project (BIONIC)	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	G
MT6	Merseytravel Bus operators	Low Carbon Emission Bus Fund	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	G
MT7	Merseytravel Arriva	Eco-Manager driver system	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	G
MT8	Merseytravel	Travel Plan	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	G

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
MTP 9	Merseyside Transport Partnership inc Merseytravel and Wirral MBC	Local Transport Plan (LTP) development and delivery	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. Reports against National Indicators including NI186	LTP3 runs from April 2011 for 5 years	Climate Change Officer appointed in Jan 2010	Development of Merseyside-wide strategy for all transport needs	G
MTP 10	Merseyside Transport Partnership inc Merseyside and Wirral	LTP TravelWise Programme	Increased awareness and uptake of walking, cycling, public transport and travel planning	Lead on Smarter Choices elements of LTP across Merseyside	LTP governance review 2010 and LTP3 development	Many programmes across Merseyside	Linked with LTP3 development and review	G
MTP 11	Merseyside Transport Partnership inc Merseyside and Wirral	LTP Integrated Assessment (including EIA)	Identify and reduce environmental impacts of transport schemes in LTP3	Environmental impact of LTP3 (EIA was also undertaken for LTP2)	First results March 2010 for consultation. Final document August 2010	Consultants appointed and review underway	Presentation of results and development of options and considerations	G
			MERSEYSID	E FIRE & RESCUE SERVICE				
FR1	MFRS	Reduce CO2 emissions from our normal business activities (NI185/NI186)	Reduce by 30% from 31 st March 2008 to 1 st 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	G
FR2	MFRS	Maintain external environmental and energy accreditations (NI185/NI186)	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	G
FR3	MFRS	Tackling fuel poverty (NI187)	MF&RS is able to support local communities through its Home Fire Safety Checks programme, by identifying	This measures the proportion of households on income related benefits for whom an energy assessment of their housing has been carried out, living in	Ongoing programme	Ongoing programme	Continue to support the communities in which we work	G

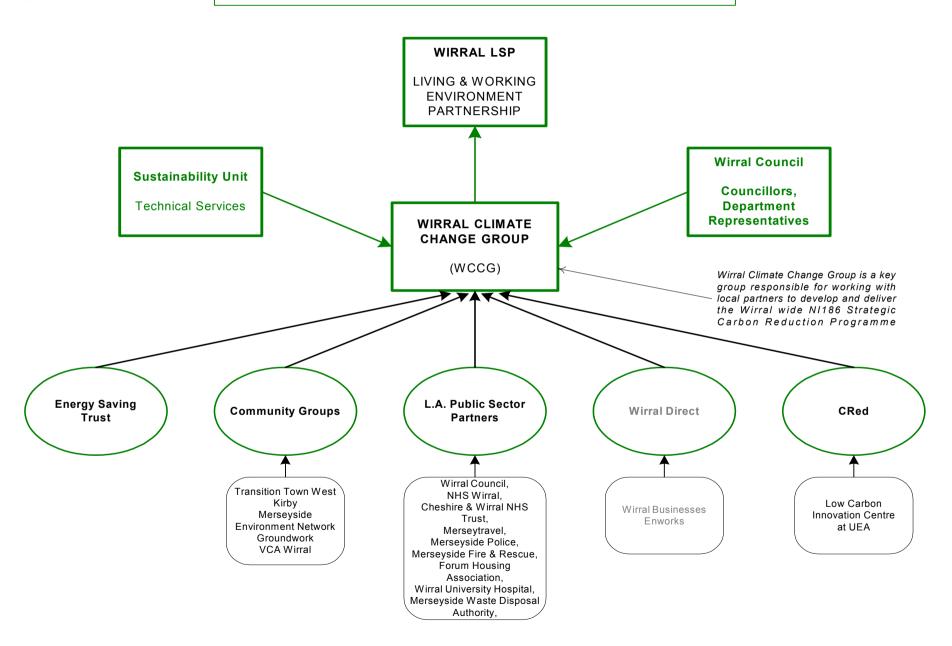
	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
			homes, which could benefit from energy efficiency support	homes with low energy efficiency or high- energy efficiency				
FR4	MFRS Wirral BC and the National Trust	Climate Change adaptation in Wirral by investment is fire fighting back packs for Wirral Rangers/ Community Patrol (NI188/NI186)	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				G
FR5	MFRS	Bike2Work scheme (NI185/NI186)	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	G
FR6	MFRS North West Fire Services Sustainability Network	Collaborative working with other NW Fire Services (NI185/NI186/ NI187/NI188)	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	G
			ME	RSEYSIDE POLICE				
MP1	MPS	Energy Management	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 2006Completed	Continue to develop our strategy	G

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
MP2	MPS	Energy Management	MPS Received the Eon Award for Achievements in Energy Management via EEAS	Energy Efficiency improvement Programme, Energy Champions Awareness Campaign, 130 Energy Champions Trained, Training provided to Partner Organisations in Merseyside & Northwest	Reduced Carbon Emissions from Premises and Premises related activities	Dec 2006 Recognition of our Achievements in Energy Management	Refocus Energy Management Strategy to target Carbon Emissions Reduction	G
MP3	MPS	Carbon Management	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	G
MP4	MPS	Carbon Management	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	G
MP5	MPS	Cycle to Work Scheme	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	G

COMMUNITY GROUPS

	Activity Owner & Partners	Activity	Planned Outcome	Detailed Action	Environmental Outcomes	Progress To Date	Next Steps - /Milestones	On Target R-A-G
TT1	Transition Town West Kirby	Awareness raising about energy supply and climate change	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	G
TT2	Transition Town West Kirby	Promotion of Sustainable Food	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	G
TT3	Transition Town West Kirby, Crass Roots	Greater Community Cohesion and Resilience	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	G
TT4	Transition Town West Kirby	Promotion of Sustainable Transport	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	G
TT5	Transition Town West Kirby	Home Energy Awareness Raising	Home energy efficiency	Public meetings with talks from experts on insulation, solar hot water, woodburning stoves Loaning of energy monitor	ongoing	Meetings attended by 100+ people	Database of local installers of solar hot water and solar PV installation	G

Wirral Climate Change Group - Management Process



Appendix D - CRed Information



CRed Wirral (short for Carbon Reduction Wirral) was successfully launched at the Tranmere Rovers match on the 5th December 2009. this information sheet provides details of the initiative. We would like to encourage your participation to help make the programme a success.

In a nutshell, CRed Wirral is designed to help people living or working in the Wirral to cut carbon dioxide (CO₂) emissions and so play a part in wider efforts to prevent more damaging impacts from climate change. Through CRed Wirral people are encouraged to make carbon reduction pledges.

There are currently around 80 pledges to choose from to suit people's circumstances, both at home and work. Pledges can be made easily either on line (see below) or by filling out a short paper pledge. After making pledges, it is possible for people to track progress and see the impact in terms of kilograms or tonnes of CO₂ saved. On-line users can see the impact of their pledges alongside the results of all pledges made by users of CRed Wirral.

To find out more, visit the CRed Wirral website at : www.credwirral.org.uk

The Council operates CRed Wirral in partnership with NHS Wirral, and the Cheshire & Wirral Partnership NHS Trust.

You can help make CRed Wirral a success by:

- making your own carbon reduction pledges using the system;
- helping to promote the CRed programme by encouraging people to visit the site and make a pledge.

If you require and further information about CRed Wirral please do not hesitate to contact Bryan Lipscombe, Sustainability Liaison (CRed) Officer, Technical Services, Wirral Council on 0151 606 2206

The CRed Wirral initiative is supported by the Wirral Climate Change Group with financial support from Wirral Council, NHS Wirral and the Cheshire and Wirral NHS Partnership Trust. The CRed system was developed and is maintained independently by the Low Carbon Innovation Centre at the University of East Anglia.









Appendix E – CRed Promotional Programme Development

A CRed marketing and promotional programme is under development by the Corporate Marketing team within the framework of the Corporate Marketing Strategy (2010-12). It has been agreed to market and promote C-Red to four main target audiences – each of which will receive specific communication and key messages tailored to their needs.

- Public Sector Staff: Including Council, NHS, Police and other partners.
- School Children: Thought to be more environmentally aware than their parents.
- **Employers**: To disseminate information to their staff.
- General Public: No awareness of C-Red issues.

Public sector employees will be targeted through distribution channels such as 'One Council' and 'NHS Matters', along with associated electronic communications. School children will be targeted with road shows and associated literature to develop an education programme. Employers will be targeted through a combination of face-to-face meetings, email, and direct mail. The general public will be targeted with a generic mass-media style promotion; this will be supported by road shows visiting shopping centres, community centres and other premises to raise awareness of CRed. Particular promotions will be timed to coincide with nationally and internationally observed events such as World Environment Day to amplify impact. Regular e-bulletins will be sent to CRed Wirral members with targeted key messages.

At the operational level, there will be parallel 'grass-roots' engagement with community groups through talks, presentations and appearances at community events. An element of this grass roots work is to build capacity for voluntary and peer-to-peer promotion to help sustain longer term momentum. To this end, training sessions will be held to develop local champions. An important part in the long term success in the CRed Wirral is building an online carbon reduction community and utilising this to generate real world action – the implementation of CRed pledges. A Council wide review is being undertaken to review the use of social networking tools.

CRed Campaign Plan 2010-2011

Month	Campaign	Activity
March – April 2010	Council and Public Sector staff sign up.	One Council article, C Exec Authority Broadcast E-mail. Intranet information, etc
April 2010	Target Green advocates / existing & established groups.	Events, presentations, talks to existing contacts and networks.
May - Aug 2010	General Public.	Series of roadshows/events at key locations with high footfall to engage 1:1 with public to sign up to CRed.
June 2010	General Public.	World Environment Day (5 th June) Publicity around national day.
June 2010	Employers.	Launch of campaign to employers. Link to World Environment Day.
Sept 2010	School Children.	Launch of School Children's education campaign.
Oct 2010	Energy Saving Week. Council & Public Sector.	Employers push. Information for businesses to disseminate to staff. Roadshows at Businesses.
March 2011	General Public	Final push for C-Red Year One, using existing performance figures for guidance.

^{*} In addition, publicity around any key milestones. First 1000 people to sign up. Strapline for CRed in any other related material, etc.