

WIRRAL COUNCIL

SUSTAINABLE COMMUNITIES O & S COMMITTEE

29 JANUARY 2013

SUBJECT:	'REDUCING THE COUNCIL'S CARBON FOOTPRINT' PROGRESS REPORT N^O. 6
WARD/S AFFECTED:	ALL
REPORT OF:	ACTING DIRECTOR LAW, H R & ASSET MANAGEMENT
RESPONSIBLE PORTFOLIO HOLDER:	COUNCILLOR BRIAN KENNY
KEY DECISION	NO

1.0 EXECUTIVE SUMMARY

- 1.1 The purpose of this sixth progress report is to update Members on the various projects and activities currently being undertaken across the Council to '*Reduce the Council's Carbon Footprint*', which promotes the Council's Corporate Priorities as set out in the Corporate Plan 2012/13.
- 1.2 The Council is committed to delivering a 60% reduction in carbon emissions by 2025. To date, we have reduced emissions of CO₂ by 9,315 tonnes from a 2008/09 baseline of 45,481 tonnes, a reduction of 20.48%. Overall performance to March 2012 has exceeded the year's emissions target by 11.89%. A saving of 2,605 tonnes of CO₂ is still needed to be made by the end of 2012. Further details on performance against the 2011/12 Carbon Budget are contained in Appendix 1.
- 1.3 The Council is expected to spend around £8 million on its energy costs in 2013/14. There are significant financial savings to be made (subject to appropriate and necessary investment) through the implementation of a programme of carbon emission reduction and energy efficiency projects and initiatives. Reducing the Council's carbon footprint is not a statutory requirement but taking the steps outlined in this report is one of a number of methods that are currently implemented to manage CO₂ emissions and ensure that we comply with the Corporate Goal to 'reduce our carbon footprint' and the requirements of the Carbon Reduction Commitment Energy Efficiency Scheme (CRCEES).
- 1.4 The progress report contains financial information with three proposed Energy Efficiency Initiatives for 2013/14 to be funded from the Capital Investment Programme. Should approval be forthcoming they will have a positive impact on the Council's energy use and operating costs and further assist departments in meeting their annual carbon targets. Reductions in energy use and carbon emissions equate to financial savings that will be made from the avoided costs of purchasing energy and purchasing CRCEES allowances.
- 1.5 Members are asked to note both the progress being made to date on the ongoing carbon reduction and energy saving activities and projects summarised in Appendix 2 and the proposed Capital Investment Programme projects that will be undertaken over

the next three years in accordance with the goals set out under 'Your Neighbourhood' in the Corporate Plan to deliver the Carbon Budget and reduce annual departmental carbon targets by up to 2%.

1.6 This report does not include exempt information.

2.0 BACKGROUND AND KEY ISSUES

- 2.1 The Department of Law H R, Law and Asset Management is responsible for supporting the attainment of our Corporate Goals of reducing Wirral's carbon footprint and will continue to implement and devise traditional and innovative carbon and energy saving measures to deliver on our 60% carbon reduction target by 2025. Improving energy efficiency and reducing energy and water consumption across the Council estate also supports the Corporate Goal of reducing the running costs of the Council by improving the efficiency and value for money of Council operations and services.
- 2.2 The Cabinet decision on 14th April 2011 (Minute 383 refers) requires the preparation of an annual Carbon Budget to assist in driving down energy costs and reducing the Council's carbon footprint. Each department is provided with an annual CO₂ allowance in which to operate and deliver their services thus enabling service managers to plan for CO₂ reductions at a departmental and operational level to achieve annual savings in energy use and costs. Further information on the Carbon Budget is set out in Paragraph 2.8 below.
- 2.3 To assist in the delivery of the carbon reduction targets set out in the Carbon Budget the Sustainability Unit within Asset Management works with all departments to identify and progress energy efficiency approaches and initiatives that could help to reduce energy consumption and secure a reduction in CO₂ emissions. Details and progress with the schemes currently being undertaken are detailed within the latest version of the Wirral Carbon Reduction Programme: Wirral Council Activities (attached at Appendix 1). Actively encouraging all Council Departments, Members and staff to seek reductions in the Council's overall energy use means lower energy demand and costs with carbon reductions and financial savings also secured.
- 2.4 The programme, containing details of the Council's current carbon reduction and energy efficiency projects, is updated by the Sustainability Unit every six months enabling the Council to plan, manage and monitor progress in achieving these reductions. To date, we have reduced emissions of CO₂ by 9,315 tonnes from a 2008/09 baseline of 45,481 tonnes, a reduction of 20.48%.
- 2.5 To further support the aims of the Carbon Budget, work has commenced on developing a corporate energy and carbon management framework that will comply with ISO 50001 (Energy Management Systems). This will clarify departmental and individual roles and responsibilities and give clear directions to achieve the structural carbon savings required. The system will be tailored to the Council's changing needs in order to drive down CO₂ emissions, reduce energy use and waste, control costs and reduce risks.
- 2.6 **Carbon Reduction Commitment Energy Efficiency Scheme [CRCEES]:** The CRCEES is the mandatory emissions reporting scheme administered by the Environment Agency (EA). The ultimate aim of the Scheme is to provide an incentive for organisations to reduce their energy use. There is a charge associated with the scheme as organisations that participate must monitor their energy use and purchase

allowances for each tonne of CO₂ they emit. The more CO₂ an organisation emits, the more allowances it must purchase.

- 2.7 The overall cost of the Scheme to the Council can be lessened by securing significant reductions in our carbon emissions through the implementation of demonstrable energy efficiency projects and initiatives. It is intended to report separately with details of the Council's performance against the CRCEES to Cabinet in January 2013 as part of the Utility Price Update.
- 2.8 **Carbon Budget 2012- 2013:** A Carbon Budget has been prepared for 2012/2013 with carbon reduction targets for each department presented at Budget Cabinet and Council alongside the Council's financial budget in February 2012 (Minutes 131 and 324 refer).
- 2.9 Work has been undertaken through Departmental Management Teams to bring forward practical energy efficiency measures or initiatives that each Department should implement to help reduce their carbon emissions and energy costs. Departments have also identified their own activities or alternative approaches to service delivery to secure efficiencies for example changes to more energy efficient street lighting and central controls to better manage and control lighting columns in the Borough.
- 2.10 If the 2012/13 carbon reduction target of 5% is met, the calculated savings are £378,948 against the allocated gas and electricity budget of £8.1 million. Costs can be minimised by improving efficiency of energy use and meeting Carbon Budget targets.
- 2.11 The annual report setting out the Carbon Budget for 2013/14 will be presented to Cabinet in February 2013 and will detail the performance of each department against their carbon target for 2012/2013. Details of Departmental Performance for 2011-12 are included in Appendix 2.
- 2.12 **Rationalisation Programme:** Due to unprecedented budgetary constraints this year, Wirral Council has to make significant financial savings in the immediate future against a diminishing estate. Energy is an operational necessity that can be managed effectively in order to minimise costs and reduce carbon emissions. This can be achieved through the implementation of a robust programme of energy and carbon reduction initiatives and utilising existing resources with minimum impact on the Council's ability to deliver core and statutory duties.
- 2.13 The ongoing rationalisation of the Council's estate will see the number and type of buildings reduce in future and whilst this will have a positive impact on the cost of operating assets, the law of diminishing returns means that our ability to further reduce energy consumption will become much more difficult. It is planned that energy and carbon information will be better integrated with the asset management system to inform future management and business planning decisions.
- 2.14 **Former National Indicator 185:** Measured percentage CO₂ reduction from Local Authority operations and were first reported in mid August 2009 with calculations based on energy and fuel use in buildings and transport. As part of the Single List of Data requirements that replaced some of the NI's, Department for Energy and Climate Change has introduced a requirement for local authorities to report emissions from their own estate and operations. As required by DECC, the annual Greenhouse Gas Emissions report for 2012 has been prepared and published online together with notification by email to DECC of the data's location on the Council's website.

- 2.15 DECC will collate the total figures for each Local Authority's emissions in tonnes of CO₂e together with a short description of what the Local Authority has included and excluded in their report plus a Council email address which will allow visitors to the DECC website to contact a Council if they choose to enquire further about the figures. The Council's annual Greenhouse Gas Emissions reports can be found at the following link: <http://www.wirral.gov.uk/my-services/environment-and-planning/climate-change-and-sustainability/ghg-reporting>
- 2.16 **Former National Indicator 186:** Measured CO₂ emissions across the Local Authority area and was one of the Council's LAA targets which required the Sustainability Unit to coordinate work on reducing carbon emissions with our partners in the LSP. The target has been scrapped but coordination and cooperation with our partners to help the community take steps to reduce their carbon emissions continues under the auspices of the Wirral Climate Change Group. Consultation on the development of a replacement climate change strategy has been undertaken through an online questionnaire. An annual progress report on the work of the Group will be presented to Committee in January 2013.
- 2.17 **Proposed Energy Efficiency Initiatives for 2013 - 2014:**
- 2.18 **Renewable Heat Incentive (RHI)** Investigations are underway as to the feasibility of accessing and utilising funding through the RHI. The incentive is funded by the government and is a way for local authorities to invest in renewable technology without having to secure capital funding and could include replacing traditional boilers with more sustainable and virtually carbon neutral biomass heating. The Council's biggest energy using and emitting sites and those where such types of boiler replacement might be appropriate would be assessed against the RHI criteria for suitability for inclusion in such a scheme.
- 2.19 Initial discussions have been held with E-On to explore the potential of using RHI to finance renewable energy projects that could reduce the Council's energy use, costs and carbon. Other energy companies and suppliers of renewable energy technologies are also being approached with meetings being arranged to discuss the available options. All the information will then be assessed and considered with a view to potential scheme development and implementation.
- 2.20 **Capital Investment Programme 2013/14:**
- 2.21 Approval, which has still to be considered by Cabinet and approved by Council, is currently being sought for funding through the Capital Investment Programme for three projects that will be able to generate energy savings which will offset the financing costs of the capital investment.

3.0 RELEVANT RISKS

- 3.1 There is a risk that failure to plan, implement monitor and manage an appropriate and timely programme of carbon reduction and energy efficiency projects and activities will mean that we do not achieve our corporate aim as set out in the Corporate Plan on delivering a 60% reduction in carbon emissions by 2025 which will have a negative impact on our ability to reduce our overall energy requirements and associated annual energy costs and secure much needed financial savings.

4.0 OTHER OPTIONS CONSIDERED

- 4.1 The other option would be to do nothing to reduce the Council's carbon footprint and not make carbon reductions and financial savings, which is not a reasonable alternative.

5.0 CONSULTATION

- 5.1 Consultation has been undertaken with Council departments to secure updates and contributions to the content of the report.

6.0 IMPLICATIONS FOR VOLUNTARY, COMMUNITY AND FAITH GROUPS

- 6.1 There are no direct implications for the voluntary, community and faith groups arising from this report.

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

- 7.1 The capital financial costs of the proposed Capital Investment Programme projects will be offset by the energy savings that will be generated. The cost implications associated with the development of these new energy efficiency initiatives will be reported separately to Cabinet where required under the constitution.

- 7.2 There are no IT implications arising from this report.

- 7.3 A number of appropriate, realistic and achievable measures are being developed by the Sustainability Unit and implemented through the carbon budgeting process to help staff and members be energy aware and vigilant and to flag up related energy related issues in the workplace with their Energy Champion or manager as part of the drive to cut energy use and make carbon and financial savings.

- 7.3 The report details initiatives and projects that will directly influence the Council's rationalisation programme through the efficient and effective use of energy within its estate. Improving energy efficiency through improved controls and the installation of more efficient technologies enhances the Council's assets.

8.0 LEGAL IMPLICATIONS

- 8.1 There are no legal implications arising from this report.

9.0 EQUALITIES IMPLICATIONS

- 9.1 Has the potential impact of your proposal(s) been reviewed with regard to equality?

(b) No because there is no relevance to equality.

10.0 CARBON REDUCTION IMPLICATIONS

- 10.1 In accordance with our vision for Wirral as set out in the Corporate Plan 2012 – 2013 to achieve a greener society that works to reduce carbon emissions and protect the environment, we will continue to work towards our goal to reduce the Council's Carbon Footprint. Measures described in this report have directly contributed to an 11.8% reduction in carbon emissions to March 2012.
- 10.2 As a result of the activities and initiatives described the Council has: improved energy efficiency; reduced energy needs; and, improved overall environmental performance which have helped the Council to reduce its carbon footprint, secure financial savings and become more sustainable.
- 10.2 We will continue to work with and encourage our partners and the community to reduce CO₂ emissions across all sectors in the borough through the Wirral Wide Strategic Climate Change Action Plan and Wirral CRed whilst seeking to develop and bring forward the Task Force recommendations on how the public's priorities for greater pace in this area of Council policy can be achieved through the Wirral Climate Change Group and the replacement Climate Change Strategy.

11.0 PLANNING AND COMMUNITY SAFETY IMPLICATIONS

- 11.1 Planning permission, previously secured as part of the original Solar PV installation scheme, is in place for the 10 sites recommended for the smaller Solar PV installation scheme detailed in this report.
- 11.2 There are no community safety implications.

12.0 RECOMMENDATION

- 12.1 Members are requested to note the both the performance and progress of the various Council 'Carbon Footprint Reduction' and energy efficiency projects undertaken to date across Council Departments and the energy efficiency projects proposed in the report.

13.0 REASON FOR RECOMMENDATION

- 13.1 Reducing the Councils carbon footprint is a Key Priority and a Corporate Aim. By noting and endorsing the carbon emission and energy efficiency saving initiatives contained within this report, Members are supporting this commitment and assisting officers in meeting the Councils corporate goals.

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APPENDICES

- Appendix 1** - Wirral Carbon Reduction Programme: Wirral Council Activities
Appendix 2 - Carbon Budget Performance to March 2012

REFERENCE MATERIAL

Corporate Plan 2012/13

Sustainable Communities Overview & Scrutiny Committee 26th June 2012 Minute 7 - 'Reducing the Council's Carbon Footprint' Progress Report No. 5,

Cabinet 21st February Minute 324 - Carbon Budget 2012-13

Cabinet 24th January 2013 Carbon Reduction Commitment Energy Efficiency Scheme Reporting Update 2011/12

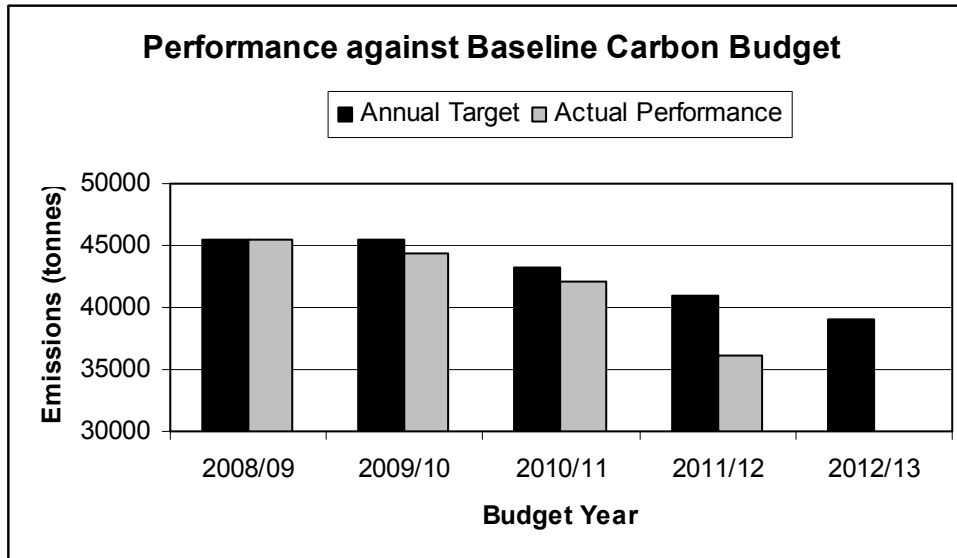
SUBJECT HISTORY (last 3 years)

Council Meeting	Date
Sustainable Communities Overview & Scrutiny Committee	7 June 2010
Cabinet (Interim Carbon Budget)	21 February 2011
Cabinet (Final Carbon Budget)	14 April 2011
Sustainable Communities Overview & Scrutiny Committee	23 November 2011
Cabinet (Budget Meeting)	21 February 2012
Sustainable Communities Overview & Scrutiny Committee	26 June 2012

Appendix 1

Carbon Budget Performance to March 2012

The graph below shows corporate emissions of carbon dioxide (CO₂) against the annual 5% reduction that is required to meet the Corporate 60% CO₂ emissions reduction target by 2025.



The first Carbon Budget was agreed in February 2010 based on 2008/09 performance. No target was set and departmental reductions required for 2009/10 because it was impractical as departments would not have been able to take action to respond in the time available. However, actual performance was measured during 2009/10 and the reduction shown in the graph above was secured in the absence of a target having been set.

Targets were agreed and set in February 2010 for the three years 2010/11, 2011/12 and 2012/13.

To date, we have reduced emissions of CO₂ by 9,315 tonnes from a 2008/09 baseline of 45,481 tonnes, a reduction of 20.48%.

2011/12 performance exceeded the year's emissions target by 11.89%.

The 2011/12 reduction in emissions has been achieved by reducing the amount of energy we consume. Factors affecting the drop in energy use include:

- Continued rationalisation of the Council estate.
- Conversion of schools to Academies over which the Council has no direct control. This excludes them from the Carbon Budget process.
- Continuing energy efficiency initiatives and impact of past measures.

Reduction in energy use has resulted in the need to realign the General Fund budget for gas and electricity:

- General Fund 2012/13 budget has subsequently been reduced from £5,335,000 (February 2012) to £4,982,700. An additional reduction to £4,788,020 (draft figure) is recommended in the Utility Price Update 2012/13 Report to Cabinet on 24 January 2013.
- General Fund 2013/14 budget draft figure is recommended as £4,713,430 (details also contained in same report to Cabinet on 24 January 2013).

Departmental Performance 2011/12

Departmental performance and targets (as required by Members) for 2012/13 are shown below.¹

The table below shows the remaining reduction in tonnes of CO₂ that all departments still need to plan for and achieve *by the end of this year* to meet their 2012/13 target.

Responsible Department	Departmental Target 2012/13 (tonnes CO₂)
ADULT SOCIAL SERVICES	90
SCHOOLS	689
CYPD	74
CORPORATE SERVICES	0
LHR & AM	209
FINANCE	37
TECHNICAL SERVICES	1,506
TOTAL	2,605

¹Annual targets are revised at each six monthly update when available data is reviewed to compensate for: underperformance; changes in the Council's estate and meet corporate carbon emissions reduction goals. The targets above take these updates into account.

Carbon Budget performance will be calculated for the year 1 October 2011 to 30 September 2012 once all energy supplier information is received, checked and verified. The annual Carbon Budget report will then be prepared and submitted to Budget Cabinet in February 2013.

Anticipated changes to the Council's structure will be reflected in the departmental performance figures when these are confirmed and reflected on the updated Asset List. As these changes were not in place prior to 30 September 2012 it is valid to reflect the previous structure for consistency.

Once the new Council structure has been approved, the Sustainability Unit will seek to engage with managers at the strategic level to secure progress against 2013/14 carbon targets. All information pertaining to actions and initiatives being undertaken to achieve 2012/13 targets must be submitted to the Sustainability Unit for inclusion.

N°	Activity	Planned Outcome	Owner & Partners	Detailed Action	Review	Progress	Next Steps	
EN1	Carbon Footprint Performance Monitoring	Improve the overall method of data collection & performance monitoring to assist in annual reporting requirements for Carbon Reduction Commitment Energy Efficiency Scheme[CRCEES] & reduce the financial cost to the Council of CO ₂ emissions	L, H R & A M	Collect, interpret, plan, monitor & manage emissions data around energy use in buildings for the purposes of fulfilling the reporting requirements of the Carbon Reduction Commitment Energy Efficiency Scheme [CRCEES] & Greenhouse Gas Emissions [GHG's] data reporting [DECC]	May 13	Refer to sections EN2 – 10 for detailed actions; GHG's report required to be submitted annually to DECC in July & published on Council's website [link to 2012 report can be found at paragraph 2.12]	Continue to plan to improve data collection; report progress at required times; monitor performance on emissions reductions to manage and secure continuous improvement	G
EN2	Investment Energy Efficiency Programme PHASE 1	Reduce the Council's carbon emissions by 60% by 2025; Reduce energy costs across Council's Estate	L, H R & A M	Phase 1 of the IEEP comprises the Boiler Replacement Programme which will continue as & when funding is available	May 13	Potential for new biomass boiler schemes to be appraised and developed through the Renewable Heat Incentive see EN3	Plan, monitor & manage the Boiler Replacement Programme	G
EN3	Investment Energy Efficiency Programme PHASE 2	Reduce the Council's carbon emissions by 60% by 2025; reduce energy costs across Council's Estate	L, H R & A M	Phase 2 of the IEEP comprises energy efficiency schemes that are designed to assist managers, staff and members to plan, monitor and manage energy use and emissions reduction	May 13	Voltage Optimisation: Capital Investment Programme Funding secured to develop a scheme for the installation of 4 units	2 nd suitable site for VO installation TBC, contractor has a deposit for this unit; Potential to install 3 further VO units - sites currently being assessed for suitability	G
EN3	Investment Energy Efficiency Programme PHASE 2	Reduce the Council's carbon emissions by 60% by 2025; reduce energy costs across Council's Estate	L, H R & A M		May 13	Large energy emitting and energy using sites being assessed against RHI criteria	Discussions with energy companies to develop no up-front cost CHP project through Renewable Heat Initiative on options available for natural gas and biomass to generate electricity	
EN3	Investment Energy Efficiency Programme	Reduce the Council's carbon emissions by 60% by 2025; reduce energy costs across	L, H R & A M	Develop Carbon Management System to assist Managers, Members and Staff with delivery of Carbon Budget & Carbon		Development of an ISO 50001 accredited	Delegated report recommending the development of an	G

	PHASE 2	Council's Estate		Reduction Targets		Energy/Carbon Management system to provide the management framework for reducing energy use and the delivery of emissions reduction targets set out in the carbon budget	externally accredited ISO 50001 approved and effective from Jul 2012	
EN3				Staff & Member Energy Efficiency Awareness Raising Programme	May 13		Full programme of events & information for 2013 now being developed for staff & Members to further encourage and lead behavioural changes around energy use; Carbon Budget – further Member Training planned Jan/Feb 2013	G
EN4	Investment Energy Efficiency Programme PHASE 3	Reduce the Council's carbon emissions by 60% by 2025; Assist in the annual reporting for CRCEES	L, H R & A M; Technical Services	Automatic Meter Reading Project	May 13	Contract suspended by Expenditure Freeze pending further information	Decision from Executive Panel awaited	R
				Street Lighting Energy Efficiency Improvements - Install & operate the Central Management System to control suitable street lighting columns -	May 13	Roll out CMS to 900 more lights	Rollout of CMS continues - 825 units active at 1/10/2012 Completion of present Phase on target for completion end of Nov 2012	G
				Dimming of some streetlights for part of night	May 13	Implement dimming of suitable lights in accordance with policy	All controlled lights are being dimmed	G

				Replacement of old lighting equipment with more energy efficient and carbon saving applications	May 13	Seek to increase use of Solar Power as finance allows Led streetlights being introduced	Work to install new or replacement solar-powered bollards where feasible continues	G
EN5	Related Energy Projects	Reduce the Council's carbon emissions by 60% by 2025; Reduce energy costs across Council's Estate	L, H R & A M	Carbon Reduction Commitment Energy Efficiency Scheme [CRCEES] Display Energy Certificates	May 13 Annually Sep 13	2nd yr Footprint & Annual Report submitted to EA Jul 12; Internal Audit Report complete - 3* rating secured & amendments completed Progress to be reported to Cabinet 13 Dec 2012 All municipal sites requiring annual certification have now been provided with new Display Energy Certificates	Purchase of CRCEES annual allowances Oct 12; Annual statements from suppliers due November 12; Annual report to be compiled and submitted to EA through Government Gateway by end July 2013 Review site performance & provide next year's certificates; liaison with building occupants, Energy Champions & Awareness Raising Team to assist in identification of energy & waste issues	G G
EN6	Council Leak Detection Programme & Water Management	To secure a reduction in the incidence of water leaks and unusually high usage across	L, H R & AM; All Departments	Schools Leak Detection Programme: Work continues in schools [in the SLA] to: identify sites & investigate reports of	May 13	From Jan 12 actual water savings from the two initiatives	Continue to implement the 2 programmes to secure and maintain a	G

	Programme	the Council's estate; secure financial & water resource savings from improved supply & operation of water services, usage & utility billing information		bursts/unusually high water usage/billing; ascertain & identify potential leaks; work with UU following leak detection & identification to undertake repairs and ensure future water charges are accurate Water Management Programme: Work is ongoing across Council buildings and car parks to monitor and manage water usage/billing/site banding & charging errors to reduce consumption, waste and financial costs		including detection and resolution of billing errors has resulted in actual savings of over £100,000. Many more thousands of pounds have also been saved as a direct result of detecting and fixing leaks	reduction in waste water and avoided utility costs	
EN7	Renewables	Reduce the Council's carbon emissions by 60% by 2025; seek to achieve carbon neutrality for the borough by 2050; reduce energy costs across Council Estate	L, H R & A M; Technical Services	Photovoltaic Scheme at Cheshire Line Building	Potential to review with revised scheme in New Year		Annual Solar Panel Performance Figures: the total amount of electricity metered through the approved meter between 01/04/11 and 31/03/12 was 3,837 kWh & produced 4.6% above the 3,667 kWh estimated annual yield calculated by the installers	G
EN7	Renewables	Reduce the Council's carbon emissions by 60% by 2025; seek to achieve carbon neutrality for the borough by 2050; reduce energy costs across Council Estate	L, H R & A M	Installation of Solar Photovoltaic array - the project involves the installation of solar pv arrays on the roofs of up to 30 council-owned buildings to generate renewable energy; project is self financing due to annual savings on energy costs & from revenue generated through the FIT scheme	Jan 13	In light of the unprecedented budgetary constraints facing the Council Wirral Council a decision has been made not to proceed with the original proposal; Capital Investment Funding has been secured for a smaller solar PV scheme involving up to 10 buildings - a smaller scheme will still allow the Council to		R

						generate renewable energy, provide an income stream thereby reduce the amount of electricity supplied from the National Grid which will all bring future cash efficiencies to the Council		
EN8	Wirral CRed Initiative	Help to achieve 60% carbon reduction in the borough by 2025	L, H R & A M	Develop, promote & implement the CRed programme with our partner organisations	May 13	The 2012/13 programme delivered: 3 events; 3 unstaffed prize promotions; 1 CRed Matters e-bulletin 181 new sign ups An extra 398 carbon cutting pledges secured; 62 tonnes of notional carbon savings 166 extra 'followers' for the @credwirral twitter feed	Maintain ongoing carbon reduction promotional programme; Link development of CRed with climate change strategy consultation and emerging Green Deal promotion; Negotiate new terms with University of East Anglia (the existing 3 yr licence to use the CRed system expires in December 2012)	G
EN9	Schools Awareness Raising Programme	Raised awareness of School Energy Support Service by working with schools.	L, H R & A M	2012 schedule for schools Walkabouts/audits completed to be followed-up with report to identify and implement behavioural changes Train caretakers to undertake energy saving practices Establish working party with other	Jan 13	Reports being compiled Training completed for 2012 with ongoing updates when visiting schools' Group being	Share reports with schools; Prepare 2013 timetable for schools Organise next training schedule for summer 2013 On going	G G G

				<p>departmental teams working in schools and outside partners</p> <p>Deliver Display Energy Certificates with flyer promoting energy services; work with schools to address issues identified in DEC and improve future energy rating</p> <p>Engage with Eco-School Councils</p> <p>Promote participation in national 'Switch Off' campaign</p>		<p>established to cover schools including NHS, Eco schools and Sustrans</p> <p>Certificates being printed</p> <p>Work with Eco-schools officer to identify schools that are completing certification</p> <p>Registered with EDF for Wirral Schools to take part</p>	<p>discussions with partners to establish terms of ref for working party</p> <p>Flyer to be designed and delivered with certificates</p> <p>Contact schools to talk to their Eco-Councils</p> <p>Contact all schools and promote event</p>	<p>G</p> <p>G</p> <p>G</p>
EN9	Schools Awareness Raising Programme	Enhance internet content on Council's Intranet for use by schools to promote energy awareness and services of the Sustainability Unit	L, H R & A M	Asset Management Sustainability Unit WebPages created; updated to include information relevant to schools	Jan 13	WebPages designed and populated with relevant information	Regularly seek suggestions for improvement from users to review and improve website	G
EN10	Staff & Member Awareness Raising Programme	To secure reductions in energy consumption/costs & CO ₂ emissions through the implementation of a programme of no-to low-cost initiatives based around staff vigil lance, good housekeeping & energy awareness	L, H R & A M	Details of the 2013/14 Awareness Raising Programme are set out below and aims to engage and inform all employees, managers, and Members of the importance of identifying ways in which to reduce energy consumption and make energy savings as an individual and collectively whilst in the workplace. A number of innovative forms of communications are designed and implemented each year to help get the				

				message across to staff that it is really important to reduce the amount of energy consumed and the amount of money spent on energy bills, carbon and operating costs. Communicating the drivers for energy saving and reductions in costs related to energy and carbon has become increasingly important since the Council adopted its Carbon Budgeting process to which all departments must contribute, against an unprecedented budgetary situation				
EN10	Staff & Member Awareness Raising Programme	To help build the capacity and confidence of Councillors to seek and promote energy and carbon savings through sound business planning to improve service delivery, help reduce costs and increase sustainability within the Council	L, H R & A M	Through their executive, scrutiny and consultative responsibilities Councillors have a central role to play in shaping and leading Council strategies and policies for energy and carbon management and the planning and delivery of services	Jan/Feb 13	Prepared materials for presentation and discussion at Market Stall Event in Sept 12; postponed until New Year	Liaison with Central Comms to arrange further date in New Year	G
EN10	Staff & Member Awareness Raising Programme	Assist staff in Council libraries, leisure and community centres to identify low and no cost energy saving measures and 'sign-post' potential sources of help, advice and support	L, H R & A M	Detailed timetable and schedule of visits to libraries and One-Stop-Shops prepared and implemented; Produce audit report in conjunction with DEC's for each building for use by managers and staff to improve energy and water use, reduce carbon emissions	Jan 13	All library visits completed; reports being prepared	Undertake and complete same for leisure and community centres	G
EN10	Staff & Member Awareness Raising Programme	Develop and support a network of energy champions as a 'front line' to assist managers and staff in the promotion of energy awareness work across council buildings	L, H R & A M	58 Energy Champions now trained and assisting departments to reduce energy use and carbon emissions; further training 6/11/12	Jan 13	July saw the well publicised and supported Energy Champion of the Year Award go to a member of staff in the Finance department	Programme of training & recruitment to continue in 2013	G
EN10	Staff & Member	Engage council staff with	L, H R & A M	Schools and staff participation in	Annually	Preparations	Annual events	

	Awareness Raising Programme	energy awareness messages through participation in campaign weeks		National campaigns for Energy Saving Week [Oct 22-26] and Switch Off Fortnight [19 Nov]	Oct/Nov13	underway to engage pupils, Members and Council staff		G
EN10	Staff & Member Awareness Raising Programme	Ensure all new starters with Wirral Council are aware of the Council's commitment to save energy and cut carbon emissions and are equipped to act in support of this commitment	L, HR & AM	Induction to a new organisation provides an ideal opportunity to communicate the organisations values and commitments and empower individuals	As required	Presentations to Staff Induction meetings	Await next dates for new starter inductions	G
EN10	Staff & Member Awareness Raising Programme	Ensure the aims and objectives of the energy awareness programme is appropriately reflected in the Council's Environmental Management System [ISO 14001]	L, HR & AM	Recently adopted corporate approach presents an opportunity to consider energy awareness as part of the wider aims and objectives of the EMS	May 13	Potential to develop E-Learning package to complement and support EMS	Learning materials being developed	G
EN10	Staff & Member Awareness Raising Programme	Ensure the aims and objectives of the energy awareness programme is appropriately reflected in the Energy Management System delivering the Carbon Budget	L, HR & AM	A new energy management system is being developed to support the aims and objectives of the Council's Carbon Budget process which presents an opportunity to integrate the development and delivery of the activities and projects in the awareness raising programme	May 13	Initial discussion held on viability of approach for integration with ISO 5001	Further meetings to be arranged with relevant officers to discuss way forward to development of integrated approach	G
EN10	Staff & Member Awareness Raising Programme	Develop in-house capacity to utilise Thermal Imaging Cameras to support energy awareness and carbon issues across Council estate	L, HR & AM	Thermal imaging can be used to help building occupants to visualise energy wastage and assist with the Council's rationalisation programme through directing maintenance to poorly performing buildings Thermal Imaging Cameras need trained users.	May 13	Training to use a Thermal Imaging Cameras is required prior to project development; First part of training course has been completed	Complete remainder of course then share intelligence with Energy Champions Nov 12	G
DC1	Adoption of Council	Design more energy &	Design Consultancy	Analyse new national planning guidance	May 13	Green Spec is used	Document review	

	"Green Specification"	resource efficient buildings, roads & services using materials & technologies that minimise damage to local people & the environment; to generate policies & strategies to ensure Low Carbon technologies are used within the Borough	Project Team: L,H R & A M; All Depts.; All individual Project Officers required to utilise to ensure sustainable, low energy & carbon development	and review and re-issue Green Specification document if required		in all Council building & refurbishment projects and is now even more important in helping to save resources and reduce operational costs	undertaken Oct 12 in accordance with new Planning Framework Directive: Sustainable Design and Construction, Good Practice Guidance	G
DC3	Primary Capital Programme Pensby Primary £11M DCSF Funding	To create more energy & resource efficient buildings. Has achieved BREEAM 'Very Good' as a minimum with aim for 'Excellent'; Water saving measures to reduce use Min 10% recycled content; Benchmarked lower running costs	Design Consultancy Project Team: L, H R & A M; CYPD	Passive solar design & high efficiency M&E design; High levels of insulation & thermal mass; Rainwater harvesting for WC's; High recycled content materials	May 13	On Site	Monitor environmental performance/build	G
DC4	Refurbish Cathcart St Primary School	To create more energy & resource efficient buildings.	Design Consultancy Project Team: L, H R & A M; CYPD	New extension & upgraded & insulated roof covering; double glazed windows & improvements to the heating system & ventilation; energy efficient lighting; flooring; construction of new W.C. pods; provision of improved & covered play facilities		Completed,	Monitor environmental performance	G
DC5	Phase 1 - Overchurch Primary School demolition of old horsa huts and re-provision of kitchen in single-storey extension, dining & after-school club	To create more energy & resource efficient buildings. The proposed scheme will provide a new extension with re-provision of kitchen facilities with improved dining area & new before/after-school clubs	Design Consultancy Project Team: L, H R & A M; CYPD	New extension; kitchen heat exchange system to be installed to recycle heat; energy efficient & fully automatic lighting; re-roof for internal corridor with improved roof & wall insulation; 'A' rated rubber flooring & new fire alarm system	Dec 12	Ongoing Building works on site, completion anticipated December 12	Completion of works Dec12; implement environmental performance monitoring	G
DC6	Demolition of outbuildings and new single-storey extension at Woodlands Primary School	To create more energy & resource efficient buildings. The proposed scheme will see the demolition of outbuildings & provision of new single-storey extension to the existing building to increase available floorspace	Design Consultancy Project Team: L, H R & A M; CYPD	New extension; energy efficient & fully automatic lighting; improved roof & wall insulation; 'A' rated rubber flooring	Nov 12	Ongoing Building works on site; completion anticipated November 12	Completion of works Nov12; implement environmental performance monitoring	G
DC7	Remodelling of 6th Form	To create more energy &	Design Consultancy	Installation of accessible lift & W.C.;		Completed	Monitor environmental	

	facilities at Pensby Girls School	resource efficient buildings. The proposed scheme will integrate boys & girls 6 th Form through remodelling of facility	Project Team: L, H R & A M; CYPD	refurbishment of existing W.C. facilities; energy efficient lighting			performance	G
DC8	Double classroom extension and demolition of mobile classrooms at St Georges Upper School	To create more energy & resource efficient buildings. The proposed scheme will see the demolition of old mobile classrooms & provision of new double classroom extension	Design Consultancy Project Team: L, H R & A M; CYPD	Demolish existing mobile classrooms & provide new double extension; new W.C. facilities & accessible ramp	May 13	Tender has been issued on Matrix system to external consultants; tender assessment November; contract to be awarded December/Jan 13	Completion of works Spring 2013; implement environmental performance monitoring	G
DC9	Re-provision of Liscard Community Hall through Community Asset Transfer [CAT] grant funding of Grosvenor Ballroom	To create more energy & resource efficient buildings. The proposed scheme will see the re-provision of Liscard Hall community facilities at the Grosvenor Ballroom with day nursery & social facility	Design Consultancy Project Team: L, H R & A M; CYPD	Installation of new double-glazing; aluminium external doors; comprehensive interior refurbishment to enable better use of building; energy efficient heating	Nov 12	Building works on site; Phase 1 (new extension) complete, Phase 2 (existing building) to be completed November 12	Completion November 12; Implement environmental performance monitoring	G
WR1	Implement an improved, Council-wide [staff and public] waste & recycling system	To enable the Council to increase the amount of household waste it recycles in accordance with the European Waste Framework Directive [WFD] which commits member states to contribute to achieving a 50% recycling & composting rate by 2020	Technical Services	All Council buildings now have new & improved waste recycling infrastructure in place for use by staff & public [where applicable]	May 13	An update report in response to the 'Increasing Recycling' & 'Bin Charging' motions was presented to Sustainable Communities O & S Committee on 26 Sept 2012 [Min 20 refers]. The reports detail the waste & recycling activities being undertaken by the Council for staff and the public	Link to view full report & appendices: http://democracy.wirral.gov.uk/ieListDocuments.aspx?CId=532&MId=3916&Ver=4	G
BM1	Offer interest free loans to staff for purchase of lower cc/greener vehicles & bicycles	Increase number of staff using greener vehicles to travel to work	Technical Services; L, H R & A M; Finance	Promotion of scheme to all staff; approve vehicle loans	May 13	The loan scheme has been increased to a maximum of £1500 for bicycle loans to try & improve take-up	Continue to publicise the scheme; continue monitoring take-up levels	G
BM2	Improve facilities for	Increased numbers of staff	Technical Services	Motorcycle facilities installed at 4	May 13	Ground anchors	Monitor & review for	

	staff to travel by motorcycle	who can travel to work using PTW		locations; Building Site audits for Councils sites to be undertaken and identify needs for further ground anchors		have been purchased & installed	installation at other locations	G
BM3	Facilities Fund of £3k available annually through bidding for improvements to buildings to encourage/assist staff to travel sustainably	Increased number of staff travelling by sustainable modes	Technical Services; L, H R & A M	Facilities Fund is available for works to provide cycle parking facilities and cycle lockers at workplaces	May 13	Suitability for installation assessed through Travel Plan	Continue to make funding available to provide new & improved facilities at further council sites	G
BM4	Attend annual Green Transport /Corporate Health Day to promote the health and financial benefits of travelling by sustainable modes	Increased number of staff travelling by sustainable modes	Technical Services	Provide information to staff such as journey planners, travel and cycle training (if required) as well as promoting other incentives to aid modal shift	May 13	Corporate Health Day replaced with John Parry Memorial; Fit For Wirral events to be held in autumn	Follow-up & review events to inform feasibility for holding future events	G
BM5	Production of promotional materials to raise the awareness of the Travel Plan	Increase number of staff travelling by sustainable modes	Technical Services	Produce promotional materials containing consistent messages for staff regarding sustainable travel	May 13	'Benefits of...' guide updated regularly to ensure consistency of information	Staff Travel Plan Updated	G
BM6	Promotion of Travel Plan to all new staff through presentation and distribution of information at regular Corporate Induction Events	Increased number of staff travelling by sustainable modes	Technical Services	All new starters are provided with a Travel Plan pack promoting public transport, walking & cycling as well as incentives such as staff green vehicle loans, cycle training & personalised journey planning	May 13	Continue to contribute to all new staff	Continue to attend inductions & promote wide range of low & carbon-free travel & activities to promote & support healthy work-life balance and reduce reliance on the car as primary transport mode	G
BM7	All new starters with the Council to be issued with a personalised journey plan for public transport prior to commencement of their employment to raise awareness of	Increase number of staff travelling by sustainable modes	Technical Services; Merseytravel; L, H R & A M	HR issue details of new starters to Merseytravel who send new starter information on how to undertake the journey using public	May 13	Plans issued to all new starters	Monitor new starters to ascertain effectiveness/take-up & recognition of journey plans	G

	alternatives to the private car prior to their first day with the Council							
BM8	Raise awareness of the existence of pool bikes and encourage staff to use them for appropriate journeys	Increase number of staff using pool bikes for short inter-building visits or site visits when appropriate	Technical Services; All departments	Pool bikes available at 3 locations	May 13	Bikes now available for use	Promote through posters at Wallasey Town Hall; continue to monitor & review take-up levels	G
BM9	Snapshot Staff Travel Survey - Annual snapshot of modal share of staff travel	Obtain information on breakdown of modal share of staff travel	Technical Services	Snapshot Travel survey completed Jul 12	May 13	483 staff participated in the Snapshot Survey in July 2012 - 54% of which were travelling by car alone and 46% used sustainable modes of transport	Undertake further Travel Survey in Jul 13 in conjunction with Merseytravel	G

