







Appendix D

Prosperity and Economic Development Scrutiny Committee: Low Carbon City: Policy Review recommendations 2010/11

Review Progress Summary –Low Carbon Economy 2010/11				
 not on schedule	 on schedule	 undeliverable	 achieved	Total
0	7	0	4	11

Ref	Recommendation	Action	Owner	Timescale	RAG	Progress
A	The Council consider the development of a revised Carbon Plan in order to identify projects and policies that will help meet its targets for reductions in carbon emissions	<p>Stakeholder engagement with streetlighting, fleet, business travel and energy colleagues to scope project ideas to inform the revised Carbon Plan – Summer 2011</p> <p>Carbon and financial evaluation of proposed revised Carbon Plan projects undertaken and draft revised Carbon Plan ready – December 2011</p> <p>Final draft of revised Carbon Plan, which will compliment CRC and Energy Performance of Buildings Directive requirements, ready for adoption – March 2012</p>	Andrew Perkin	Adopted 8 year Carbon Plan by July 2013		<p>Work is now underway to produce an updated Carbon Plan, highlighting the progress that has been made in reducing carbon emissions and focussing on a number of Work Packages for the future:</p> <ul style="list-style-type: none"> - Revised Target date for Carbon Plan – July 2013
B	The Council considers the introduction of staff champions to lead on reductions in carbon emissions in buildings	<p>Work has already commenced with Corporate Communications to establish Sustainability Champions or “Communities of Interest”. These employees will help raise awareness to their colleagues on a range of sustainability issues, including for example, carbon management, waste and sustainable procurement</p> <p>Corporate Communications are</p>	Andrew Perkin	<p>Sustainability Board and Communities of Interest proposal to be agreed by Autumn 2011</p> <p>Communities of Interest in place, training carried out and</p>		<p>It has been agreed to introduce staff champions. In developing the new Carbon Plan, relevant staff have been engaged and form the foundation of the Community Interest Group. This will be formalised as an action from the new Carbon Plan. The Sustainability Board will be re-scoped taking account of the revised Carbon Plan and recent structural</p>

Appendix D

Prosperity and Economic Development Scrutiny Committee: Low Carbon City: Policy Review recommendations 2010/11

		<p>developing a brief for the Sustainability Communities of Interest, similar to that of the Change / Communication Champions. Once agreed, the group will be promoted and employees will be asked to nominate themselves or colleagues to join the Community of Interest</p> <p>Training will be needed to provide the Communities of Interest with all relevant information needed to help champion sustainability priorities across the council. This will coincide with a council wide sustainability e-learning module which is currently being developed</p>		bulletin board is live – March 2012		changes within the Authority. This will be established by March 2013
C	The Council undertake further feasibility work in order to identify those Council buildings that are most suitable for the installation of solar PV	Currently awaiting the finalisation of the Property Rationalisation project to identify which council buildings will remain to deliver council services in the future. Once the final property portfolio is known, buildings will be assessed to ascertain their feasibility for solar PV	Andrew Atkinson, Andrew Perkin	June 2013 (information to inform revised Carbon Plan)	●	The installation of PV at the Civic (5.2kW) and Biddick and St Roberts Schools (approx 30kW each) are complete. This will be followed by an installation at Washington School (currently being designed). Washington School (50kW) and Barnwell School (50kW) and Monkwearmouth School (20kW) have been installed since the last update. A report was being prepared for EMT regarding the strategy for future installations but this was delayed because the rate of Feed-In Tariffs was substantially reduced which

Appendix D

Prosperity and Economic Development Scrutiny Committee: Low Carbon City: Policy Review recommendations 2010/11

						made schemes unviable. However this is now being revisited as the capital cost of solar pv has fallen dramatically over the last few months giving returns on investment similar to those prior to the FIT rate being reduced.
D	The Council investigate the options for the installation of solar PV and other renewable electricity, whether this be through rent a roof / land rental or through an invest to save mechanism to benefit from Feed in Tariff (FIT) income	Once the feasibility of solar PV has been carried out on appropriate council property, a business case showing financial modelling will be needed to inform the best approach through which to install solar PV on council buildings	Andrew Atkinson	June 2013 (to inform revised Carbon Plan)	●	The Energy Conservation Team is currently looking at this and exploring not-for-profit based finance mechanisms. To be included in the above EMT report.
E	The Council provides an updated report on the implications of the Renewable Heat Incentive (RHI), once further details become known	The Energy Conservation Team to prepare an updated report on RHI now that it has been announced	Andrew Atkinson	To be included in PV EMT report identified above	●	Government announced details of RHI on 10 March 2011. Currently investigating the possibility of working with current energy providers to take advantage of RHI. For design reasons it is proving difficult to retrofit qualifying installations when current buildings are being refurbished as these technologies are more suitable for new build. The technologies are considered on a case by case basis for new build schemes.

Appendix D

Prosperity and Economic Development Scrutiny Committee: Low Carbon City: Policy Review recommendations 2010/11

<p>F</p>	<p>The Council is undertakes feasibility work to assess the potential for district heating networks and explore funding opportunities that help support the delivery of the city's Economic Masterplan</p>	<p>The Council alongside partner organisations has secured European Regional Development Fund grant and other sources of funding to deliver a Low Carbon Social Housing Demonstration project which will target up to 100 hard-to-treat properties and develop the capacity of SMEs to install low carbon technologies</p> <p>The Council is a partner in a new Intelligent Energy Europe Programme project, led by EUROCITIES, which started on 1 June 2011. The project aims to deliver improvements in the implementation of sustainable energy policies with a focus on urban planning, renewable energy sources and low carbon transport</p> <p>Currently seeking funding to look at the feasibility of district heating networks across the city along with other renewable technologies. This will assist in identifying priority energy generation opportunities for the city, including financial and business models</p> <p>Potential for District Heating within the masterplans for Seaburn and Chapelgarth is currently being looked at</p>	<p>James Garland, Catherine Pope, Andrew Perkin, Les Clark</p>	<p>Ongoing</p>	<p>●</p>	<p>District Heating potential is a key action of Sunderland's Covenant of Mayor's SEAP.</p> <p>Plans to explore the feasibility of district heating at a number of development sites are now in consideration. (Amber) As part of the IIEP Cascade programme, Sunderland have been invited to Birmingham to see and discuss how they implemented District Heating into Regeneration Plans.</p>
-----------------	--	--	--	----------------	----------	--

Appendix D

Prosperity and Economic Development Scrutiny Committee: Low Carbon City: Policy Review recommendations 2010/11

						the typical pattern of energy use in schools. It is proposed to help schools address this issue through specialist advice.
H	The Committee receive an update on small businesses in the city involved in the renewable energy industry	A mapping exercise needs to be undertaken to ascertain which Sunderland companies are involved in the production of and supply of renewable energy. In part, this will be carried out in a baselining survey which is to be conducted as part of the Low Carbon City campaign detailed in recommendation 'i', below	Andrew Perkin	From October 2013	●	This issue is being picked up by the inter agency Aim 2 Sub Group on the implementation of the Economic Masterplan – and now included in the Aim 2 Delivery plan. To be completed by October 2013
I	The Council develop closer working relationships with Sunderland University with regards to the low carbon economy, skills and training opportunities	<p>Ensure that the HE / FE sectors are fully integrated into the delivery of the Economic Masterplan, as this relates to the skills needs of employers engaged in the low carbon economy</p> <p>In practical terms, this will mean sharing knowledge of upcoming skills requirements with both the University and relevant colleges (for example, where there are significant investment projects in the pipeline)</p>	Andrew Perkin	There will be continuing discussions taking place in order to develop relationship	●	<p>The University of Sunderland is already playing a key role in relation to the software development sector, and is now involved in the working group looking at the emerging offshore wind sector</p> <p>In addition to the significant research on ultra low carbon vehicles undertaken by AMAP, the University offers an MSc in Low Carbon Vehicle Technology for engineers in the sector (other vocational training for the automotive sector is led by Gateshead College)</p> <p>The University also offers a BEng (Hons) degree in</p>

Appendix D

Prosperity and Economic Development Scrutiny Committee: Low Carbon City: Policy Review recommendations 2010/11

						Renewable Energy Engineering. This is a 3-4 year sandwich course, providing in-depth skills to engineers in the renewable energy sector.
J	That the Council explore the opportunities for future joint working with NAREC	NAREC have visited relevant council officers to present opportunities for future partnership working	Janet Snaith	Discussions completed and Narec will be invited to procure for work as appropriate	●	NAREC will be kept informed of, and invited to tender for any potential work in future such as the Energy Routemap detailed in item 'f' above.
K	That the Council ensure that appropriate informal consultation is undertaken with the public at the pre-application stage and that the statutory publicity and consultation arrangements are followed when considering formal applications for the installation of renewable sources of energy	Within the existing PPS 22 and the council's Statement of Community Involvement, pre-application community consultation although not obligatory is recognised as best practice and is something the Planning and Environment Service actively encourages. Working with developers we will encourage pre-application consultation	Keith Lowes	On-going part of the consultation process	●	Systems in place. Currently working with Partnership for Renewables (PfR) at 2 council owned sites looking at the option to install single 2.5MW turbines. PfR will be undertaking extensive pre-application community consultation