

Select Committee Report on Renewable Energy in Kent: Report Recommendations Action Plan			
Recommendation	Lead Officer	Comment/ Proposed Actions	Timescale
<p>1. That KCC works with Kent District and Borough Councils and others to agree a Low Carbon and Renewable Energy Strategy for Kent to enable the uptake of the most appropriate low carbon technologies. (page 107)</p>	<p>Neil Hilkene, Sarah Anderson</p>	<p>Agree with recommendation. It is essential now to get a clear direction of travel, and an indication of priorities and levels of ambition for Kent. Ensuring that there is a clear idea of how any Strategy would be resourced will be crucial. The Strategy will be focused on Renewable Energy and not the whole low carbon agenda.</p> <p><u>Actions:</u></p> <p>Vantage Point Modelling Initial Report – to establish what actions will achieve Kent's carbon targets, looking at both energy efficiency and renewable energy.</p> <p>Renewable Energy Resource Study – building on the Select Committee report and establishing which renewable energy sectors have most potential and what actions need to be taken to exploit them.</p> <p>Consultation Draft Final Draft</p> <p><u>Progress</u></p> <p>A Renewable Energy Resource Study and action plan has been completed by AECOM on behalf of KCC. It is out for consultation now, information was sent through the Members Information Point. The consultation, work with partners and continued use of the Vantage Point Modelling software will inform the development of an agreed action plan for Kent. Further information from the study will be given at the forthcoming select committee meeting.</p>	<p>April 2011</p> <p>June 2011</p> <p>Dec 2011 Mar 2012</p>

		Status: Green/Amber	
2. That a Member Champion for Low Carbon and Renewable Energy is appointed to promote the implementation of the Strategy and report back to Cabinet and the Cabinet Climate Change Working Group on progress. (page 107)	Carolyn McKenzie	<p>Agree with the recommendation. This is a sensible approach, but the Strategy will need to be backed by more than just a champion, it will need full cabinet support if it is to be successful.</p> <p>Actions:</p> <p>Confirm Member champion.</p> <p>Progress</p> <p>David Brazier Lead Member and Champion.</p>	April 2011
3. That KCC develops the existing expertise within KCC and Commercial Services (LASER) and builds capacity in order to ensure that the Council has access to sound, unbiased advice when taking energy efficiency and renewable energy schemes forward. (page 69)	Deborah Kapaj Andy Morgan	<p>Agree with the recommendation. However, because of the nature of some of the schemes/technologies and the fast moving rate of change in this area KCC will need ongoing access to external experts. This resource could be sourced in partnership with other Counties perhaps within the South East Seven.</p> <p>Activity and development of expertise will need to be prioritised reflecting need, available budget and staff resources.</p> <p>Actions:</p> <p>Review resource need linked to the findings of the Vantage Point Modelling, the Renewable Energy Resource Study and KCC's internal energy management review of corporate and schools estate.</p> <p>Develop training and capacity building action plan for KCC and Kent as part of the Kent Environment Strategy.</p> <p>Progress</p>	July 2011 July 2011

		<p>Existing expertise and resources are being reviewed and developed in response to the Resource Study Action Plan. Further resource will be available through a new Interreg project FUSIAN to take advantage of the economic opportunities.</p>	
<p>4. That KCC sets up new delivery mechanisms as appropriate in order to take advantage of emerging opportunities allied to but separate from LASER, e.g. Energy Services Company (ESCO). (page 69)</p>	<p>Carolyn McKenzie</p>	<p>Some of the schemes that KCC and KCC with partners take forward may require the development of specific finance models. However, we must first ensure that KCC's fully understands what 'schemes' it wants, and what it wants to achieve e.g. energy savings, carbon savings, income generation before deciding on the appropriate finance model. ESCO's may not always be appropriate.</p> <p><u>Actions:</u></p> <p>Review financing needs linked to the findings of the Vantage Point Modelling, the Renewable Energy Resource Study and KCC's internal energy management review of corporate and schools estate. Set up mechanisms as appropriate.</p> <p><u>Progress</u></p> <p>As above. In addition, the feasibility of a 'Green Investment Package' to go under the proposed Kent and Medway Investment Fund is being explored.</p> <p>KCC has been working with Norfolk and other authorities to access the advantages of setting up a renewables ESCO. The business case has not yet been established.</p>	<p>July 2011</p>
<p>5. That KCC capitalises on opportunities in its own estate, and works with local authorities, energy network companies,</p>	<p>Deborah Kapaj Neil Hilken</p>	<p>Agree with recommendation, however, any installations should be developed on a purely business case basis, and driven by priority working with available resources. There are already a number of installations, at least 28. Some work has been done as to further</p>	

<p>landowners and prospective investors to ensure that a proactive approach is taken to the identification of sites for renewable energy schemes in the county, in order to encourage and enable investment. (page 107)</p>		<p>potential on our own estate, but this needs to be reviewed.</p> <p><u>Actions:</u> Review opportunities for KCC estate in light of recent review of the Feed In Tariff potential for KCC.</p> <p>Develop KCC action plan for delivery of appropriate renewable energy installations on a business case basis.</p> <p>Public sector estates survey to include current action on renewable energy and training/capacity needs</p> <p>Review renewable energy opportunities in Kent linked to the findings of the Vantage Point Modelling work and the Renewable Energy Resource Study and the development of the Renewable Energy Strategy for Kent.</p> <p><u>Progress</u></p> <p>Potential renewable energy opportunities in the KCC Estate are under continual review including:</p> <ul style="list-style-type: none"> • KCC Corporate Solar Installations <p>The whole corporate estate has been reviewed strategically for the installation of solar. After Office Workplace transformation had been taken into consideration only two projects were initially identified: Invicta House and the Ashford Highways Depot, worth in total £250k, with life time savings and income generation of just over £3m. These projects were approved and progressed for installation in January 2012, but were temporarily halted after the change to feed in tariff rates.</p> <p>After the results of the Governments judicial review of FITS is</p>	<p>April/May 2011</p> <p>May 2011</p> <p>May 2011</p> <p>December 2011</p>
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		<p>known, these projects will be re-tendered and a new business case developed.</p> <ul style="list-style-type: none"> Eco Schools Programme Solar Programme <p>Kent schools were very successful in qualifying for the first round of the eco schools solar programme. Unfortunately, the change in the Feed in Tariff regulations meant proceeding tot the second stage was not possible.</p> <ul style="list-style-type: none"> KCC and Schools Biomass Programme <p>KCC are working with the KCC, ANOB and Forestry Commission Woodfuel Pathfinder project which is supported by the EU MULITIFOR Programme, to look at developing further biomass woodfuel heating in Kent schools and the corporate estate. An initial screen of schools has been undertaken, and a short list of schools have been identified in the initial on site review. £25k of consultancy support has been provided by the project for feasibility studies. This programme is also looking at Kent and the public sector as a whole.</p>	
<p>6. That KCC reconfigures the Energy and Water Investment Fund, with a longer payback period, to enable continued provision of capital funding for energy efficiency measures in the estate and to allow for the longer term investment required for the installation of renewable energy systems.(page 66)</p>	<p>Carolyn McKenzie Deborah Kapaj</p>	<p>Agree with recommendation in principle, but this should be viewed in light of a larger review of energy efficiency investment in installations and the targets and tools needed.</p> <p><u>Actions:</u> Continued investment in KCC estate on a business case basis applying for new 100% Salix SEELS funding, where appropriate.</p> <p>Review of capital investment in energy efficiency in the KCC estate in light of changing government policy and legislation.</p> <p>Develop revised approach, as part of updated Carbon</p>	<p>Review Oct 2011</p> <p>May 2011</p> <p>May 2011</p>

		<p>Management Action Plan for KCC in light of recent government policy changes.</p> <p><u>Progress</u></p> <p>Reconfiguration of the EWIF agreed for certain projects if a good business case exists has been agreed. (CMT September 2011). Projects to be presented on a case by case basis.</p>	
<p>7. That KCC facilitates access to emerging financial mechanisms, such as the new Green Deal and the Green Investment Bank, whereby schools, businesses and householders in Kent can take advantage of loan funding to pay for the installation of renewable energy and energy efficiency systems on suitable properties, with repayments and term set to achieve a net saving in energy costs for the property and a reasonable rate of return over the period of the loan to investors (on a 'Pay as you Save' basis). (page 71)</p>	<p>Carolyn McKenzie</p>	<p>Agree with recommendation. KCC is already looking at the Green Deal and the role for Kent.</p> <p><u>Progress</u></p> <p>Ongoing. Paper going to Kent Joint Chief Executives in January and the Kent Forum in February. The feasibility of including retrofit under the Kent Medway Investment Fund is also being considered.</p>	<p>Review Oct 2011</p>
<p>8. That KCC substantially drives down energy consumption in its estate. Each Directorate should be required to take action to improve energy efficiency and encourage behavioural and other changes; Building User</p>	<p>Deborah Kapaj Andy Morgan</p>	<p>Agree with recommendation. Current arrangement with regards to incorporating energy efficiency into buildings management is being reviewed as part of the Property Group Restructure.</p> <p><u>Action:</u></p> <p>Ongoing identification of energy efficiency improvements across the Estate to be incorporated into annual improvement plan of</p>	<p>Review Oct 2011</p>

<p>Groups should have 'energy usage and energy efficiency' as an agenda item at every meeting. (page 28)</p>		<p>Property Group.</p> <p>Incorporation of carbon reduction targets as part of business plans and ISO14001 annual action plans.</p> <p>Public sector estates survey to include current action on renewable energy and training/capacity needs (as recommendation 5)</p> <p><u>Progress</u></p> <p>Carbon reduction and energy efficiency being included as part of the new Property Group Buildings Strategy. The KCC Carbon Management Plan incorporates the new Buildings Strategy, and will be launched in Spring. Carbon Targets to be included as part of this years business plans and agreed at the forthcoming Environment Board.</p> <p>Extra £100k into EWIF from Salix to cover £200k lighting project in Invicta and Sessions House which will save around £33k per year at Invicta alone. KCC is now one of the Governments Salix Fund top performers.</p> <p>Over £1.8m has been invested in the estate through the EWIF, with life time savings of over £4m.</p>	
<p>9. That KCC implements an immediate review of its properties to assess their suitability and develop strategies for the installation of renewable technologies, particularly photovoltaic (PV) panels, and encourages District and Borough Councils, housing providers, emergency services, health institutions and other</p>	<p>Deborah Kapaj Andy Morgan</p>	<p>Agree in principle with the recommendation, but scale of review will be dependant on resource, both financial and officer. As with Recommendation 5 – all installations should be done on a business case basis.</p> <p>KCC has already initiated a review of the FITS and the business case for KCC. This will be used as the basis for any further investment in the KCC Estate and more than likely limited to the corporate estate and not schools.</p> <p>Actions are as Recommendation 5.</p>	

<p>targeted businesses to do the same in their estates, taking advantage of current incentives, in order to reduce energy costs; generate income and catalyse the acceptance of renewable technologies in the wider community. (page 63)</p>		<p><u>Progress</u></p> <p>Ongoing see 5 and 8.</p>	
<p>10. That KCC uses energy display devices in prominent locations on its estate to encourage energy efficient behaviour (including where renewable energy installations are put in place, to increase awareness of the technology, the energy generation and the carbon savings). (page 76)</p>	<p>Deborah Kapaj</p>	<p>Good idea in principle, but need to examine cost, and how we evaluate effectiveness. Some devices are already in place in schools.</p> <p><u>Actions:</u> Evaluate cost and benefits of installing energy display devices at key sites, putting in place where appropriate.</p> <p><u>Progress</u></p> <p>Display Energy System to be launched for Sessions House and Invicta late Jan/Early Feb.</p>	<p>June 2011</p>
<p>11. That KCC lobbies the Department for Education to require schools to work with KCC to fulfil its CRC commitments and creates a direct incentive for schools to drive down their energy use and carbon emissions, using a range of behavioural, energy efficiency and renewable energy options. (page 34)</p>	<p>Carolyn McKenzie</p> <p>Andy Morgan (Laser)</p>	<p>The relationship between schools, KCC, energy efficiency improvements and the Carbon Reduction Commitment is currently constantly in flux. KCC are monitoring this, and developing action when appropriate.</p> <p><u>Actions:</u></p> <p>Keep abreast of current developments, reporting as appropriate</p> <p>Develop appropriate new finance model and support programmes for KCC and schools when full information is available and based on resources available.</p>	<p>Review Oct 2011</p> <p>June 2011</p>

		<p><u>Progress</u></p> <p>Ongoing</p>	
<p>12. That KCC works with public agencies and approved suppliers, to provide a package of advice and support to schools, to enable them to benefit from energy efficiency work and renewable energy installations, at no net cost to the school or to KCC. (page 69)</p>	<p>Deborah Kapaj</p>	<p>As recommendation 11.</p> <p><u>Progress</u></p> <p>As 11. Package of support being agreed given move towards academy status.</p>	
<p>13. That, provided currently agreed procurement criteria are met, KCC considers giving preference, for the procurement of goods and services, to businesses who obtain accreditation through the South East Carbon Hub. (page 110)</p>	<p>Carolyn McKenzie Jennie Colville</p>	<p>Currently developing links between KCC procurement and the South East Carbon Hub – which is managed by KCC, and developing a Public Sector Supply Chain Programme for KCC and other public sector bodies supply chain.</p> <p><u>Actions:</u></p> <p>Develop KCC (and wider public sector) Supply Chain initiative to support SMEs in KCC supply chain make improvements, improve energy/water efficiency and install low carbon technologies as appropriate.</p> <p><u>Progress</u></p> <p>KCC continues to work with its supply chain. Over 250 businesses in KCC's supply chain have now had initial environmental reviews and are part of the Carbon Hub. Over 100 companies have achieved blue level or above of the STEM (Steps to Environmental Management) accreditation scheme set up and coordinated by KCC.</p>	<p>May 2011</p>

		<p>KCC is working with other public sector bodies to role out this supply chain support programme including the police and fire service.</p>	
<p>14. That KCC lobbies government, on planning issues, to:</p> <ul style="list-style-type: none"> • promote developments with a mixed heat demand suitable for district heating systems, which should be incorporated wherever possible. • relax planning control for domestic renewable energy installations on listed buildings and properties affecting conservations areas where this does not detract from heritage objectives. (page 86) 	<p>Paul Crick Neil Hilkene</p>	<p>KCC will lobby as appropriate, and where issues arise.</p> <p><u>Progress</u></p> <p>Ongoing</p>	<p>Review Oct 2011</p>
<p>15. That KCC consults with District, Borough and other councils in Kent to determine what is needed to assist local authority planners and developers in making planning decisions relating to renewable energy applications, e.g.</p>	<p>Paul Crick Neil Hilkene Kathy Putnam</p>	<p>Agree with recommendation in principle. It is essential that KCC and District partners have the skills and tools necessary to make effective and robust planning decisions. However, tools/assistance should relate directly to need.</p> <p><u>Action:</u></p>	

<p>training, or an interactive planning tool. (page 86)</p>		<p>Undertake a survey of County and District Planners to assess need Develop appropriate training and support mechanisms linking closely to Kent Design.</p> <p><u>Progress</u></p> <p>Ongoing, linked to Kent Design Review. Status: Amber (RED)</p>	<p>July 2011 Review Oct 2011</p>
<p>16. That KCC supports low carbon community groups in the county by facilitating access to existing support and providing small grants of up to £5000 for advice or to assist with feasibility studies. (page 71)</p>	<p>Sarah Anderson Lucy Breeze</p>	<p>Agree that communities need to be supported, but this should be targeted support for feasibility studies/seed corn funds focusing on energy efficiency or renewable energy measures that can bring savings and create investment opportunities.</p> <p><u>Action:</u></p> <p>Review community need and existing resources. Develop appropriate training and support mechanisms that are appropriate given level of resources available.</p> <p><u>Progress</u></p> <p>KCC Hosted a 'Plan Local 'event for local communities to help them understand the planning system in relation to renewable energy. The event was successful, and following on from this a virtual community network has been set up to provide easier access to information. KCC are looking at further ways to support communities install low carbon technologies.</p> <p>However, more in depth support for communities is currently limited due to lack of resource. Ways of further resourcing more intensive community support are being investigated, and will probably involve EU funding.</p>	<p>June 2011 Review Oct 2011</p>

		<p>Status: Amber (Red)</p>	
<p>17. That KCC, working with District and Borough Councils ensures that Kent communities, including schools, businesses and households have access to clear and current information on energy efficiency and renewable energy opportunities, taking into account the Feed in Tariff and any subsequent incentives. (page 77)</p>	<p>Carolyn McKenzie Sarah Anderson Jennie Colville.</p>	<p>Agree, part of ongoing work programme as part of the work of Environment and Planning, and in particular through:</p> <ul style="list-style-type: none"> • The Kent Climate Change Network • The South East Carbon Hub • The Kent Housing Retrofit Programme. • Actions listed under recommendation 16. <p><u>Progress</u> This is progressing well. In particular:</p> <ul style="list-style-type: none"> • The Kent Climate Change Officers Group is now well established and provides good levels of mutual support and opportunities for development of joint initiatives. The partnership won an award for its approach to development of the Kent Climate Change Adaptation Plan. • The South East Carbon Hub now has over 700 businesses registered to it, with over 500 of those receiving intensive support. The STEM (Steps to Environmental Management) accreditation scheme has been very well received, with over 200 businesses accredited. £3.89 million pounds has been saved in Kent by just 1.3% of its businesses through introducing simple, cost effective measures. If all SMEs within Kent were to achieve the same cost savings – it would save the Kent economy £299 million pounds • Over 2500 energy efficiency measures were installed in around 600 of Kent homes through Phase 1 of the Kent retrofit programme, with annual savings for residents of nearly £50k. 	<p>Review Oct 2011</p>

		<p>Phase 2 aims to build on this. It is hoped that through KCC, and Kent and Medway districts coming together in partnership as part of the Green Deal, Kent and Medway can achieve the best possible opportunities for its residents.</p> <p>Further details on progress will be given as part of a full report on the Delivery of the Kent Environment Strategy in the late Spring, early summer. A mid year progress report is available on request.</p>	
<p>18. That KCC should work with organisations such as the Forestry Commission and Natural England, to invest in the sustainable production of wood fuel, through the regeneration of coppicing in Kent, by:</p> <ul style="list-style-type: none"> • Providing marketing expertise. • Encouraging apprenticeships for young people wishing to enter the industry. • Investigating the provision of a number of collection/chipping/distribution facilities, possibly based at recycling centres • Ensuring that, where possible, newly designed KCC buildings include biomass boilers. (page 	<p>Nick Johannsen</p> <p>Deborah Kapaj.</p> <p>Kathy Putham.</p>	<p>European Funding has been won to look at the feasibility of biomass/coppicing in Kent and what support is needed. KCC are part of a Forestry Commission Pathfinder Project. This funding will be used to establish what the realistic potential is for biomass in Kent.</p> <p>Action:</p> <p>Integrate Renewable Energy Select Committee recommendations into the KCC/Forestry Commission Pathfinder project and report on progress as appropriate.</p> <p>Incorporate consideration of biomass into revised Kent Design guidelines being developed for public sector buildings.</p> <p>Incorporate Biomass boiler feasibility into KCC estate standards for new construction</p> <p>Progress</p> <p>The EU biomass project MULTIFOR and the AONB and Forestry Commission Woodfuel Pathfinder is making strong progress.</p> <p>Biomass will be incorporated into the new Design Standards for KCC which is being produced now.</p> <p>Kent Design is still under review.</p>	<p>May 2011</p> <p>July 2011</p> <p>Dec 2011</p>

<p>56)</p>			
<p>19. That, in view of the need for the UK to have a long term, sustainable mix of power supplies and due to the intermittent nature of some renewable energy sources, KCC presses for the provision of new generation low carbon power stations so that there is adequate back up capacity to cope with demand peaks, providing security of supply. (page 91)</p>	<p>Paul Crick Tim Martin</p>	<p>KCC will take the opportunity to lobby as appropriate, but this will in the main be a political decision. The issue of long term sustainable energy security will be addressed through National Policy Statements which KCC will in turn be consulted on.</p> <p><u>Progress</u></p> <p>Ongoing, where appropriate.</p>	<p>Review Oct 2011</p>
<p>20. That KCC works with others, including District and Borough Councils, Network Rail and supermarkets, to assess the viability of establishing a network of public electric vehicle charging points in Kent. (page 99)</p>	<p>David Joyner</p>	<p>The current business case around electric charging in Kent is unclear, before embarking on any detailed viability study an initial assessment of the business case for Kent must be undertaken.</p> <p><u>Action:</u></p> <p>Evaluate the initial business case for developing electric charging in Kent and identify next steps as appropriate which may include a wider viability study, dependant on resources available.</p> <p><u>Progress</u></p>	<p>July 2011</p>

		<p>A number of charging companies have approached KCC, options are being reviewed.</p> <p>Status: Amber (RED)</p>	
<p>21. That KCC regularly surveys its own vehicles, and business journeys to: identify (and review) work patterns in order to minimise business mileage and to prepare for the availability and purchase of electric vehicles, where appropriate. (page 100)</p>	<p>Deborah Kapaj</p>	<p>Agree, part of ongoing work programme as part of the work of Environment and Planning, and in particular through:</p> <ul style="list-style-type: none"> • The ISO14001 programme <p>Progress</p> <p>Green Fleet Review undertaken by the Energy Savings Trust, report due this month.</p>	<p>Review Oct 2011</p>
<p>22. That KCC adopts a policy of limiting its vehicles, except those attending emergencies, to a maximum speed of 56mph (90kph) in order to achieve greater fuel efficiency, in line with best commercial practice. (page 100)</p>	<p>Deborah Kapaj</p>	<p>Good idea in principle, but need to examine cost, and how we evaluate effectiveness.</p> <p>Actions:</p> <p>Evaluate cost and benefits of putting in place speed limiters in KCC vehicles.</p> <p>Progress</p> <p>Part of the work ongoing under 21.</p>	<p>May 2011</p>