

ACTION	EXAMPLE	TIMEFRAME FOR DELIVERY
<b>i) LOCAL ENERGY EFFICIENCY AMBITIONS AND PRIORITIES</b>		
	<p><b><i>Climate Local Kent</i></b></p> <p>Dover District Council has committed to <a href="#">Climate Local Kent</a>, a county-wide pledge to reduce emissions and build resilience to a changing climate and severe weather. The targets represent those of the <a href="#">Kent Environment Strategy</a>, delivery of which is a priority for the Vision for Kent (our community strategy). We commit to:</p> <p><b>Help residents, businesses and the public sector save money and cut carbon emissions through being more energy efficient at home, at school and at work.</b></p> <ul style="list-style-type: none"> <li>• We will work towards a 34% reduction in emissions by 2020 (2.6% annually)</li> <li>• We will increase renewable energy deployment in Kent by 10% by 2020</li> <li>• We will facilitate the retrofit of homes across Kent through the Government's Green Deal and the work of the Kent and Medway Green Deal Partnership beginning with five communities and 1,000 households in 2013.</li> <li>• We will engage 500 small businesses across Kent in delivery of energy, water and costs savings and support them in building resilience to a changing climate</li> </ul> <p><b>Help residents, businesses and the public sector use water resources more wisely, wasting less and recycling more where possible</b></p> <ul style="list-style-type: none"> <li>• We will support activity to reduce water consumption in Kent from 160 to 140 litres per person per day by 2016.</li> <li>• </li> </ul> <p><b>Work with business to help grow the green economy in Kent, supporting the creation of more jobs in the low carbon and environment sector</b></p> <ul style="list-style-type: none"> <li>• We will work to support an increase jobs within the Low Carbon Sector by 10% by 2020</li> </ul> <p>We are committed to help government meet its carbon reduction targets set out in the Climate Change Act 2008. Our current performance on emissions (industry, domestic and transport) as at 2010 is 5.6% per capita CO2 emissions (t), therefore:</p> <ul style="list-style-type: none"> <li>• We aim to reduce carbon emissions (2010 domestic per capita, 2.1%) in the housing sector (all tenures) by a further 0.4% on 2010 levels by 2020.</li> </ul>	<p>Sep 2012</p> <p>2010 onwards</p>

	<p>Data from DECC Local and Regional CO2 Emissions Estimates for 2005-2010  <a href="http://www.decc.gov.uk/assets/decc/11/stats/climate-change/6222-local-and-regional-co2-emissions-estimates-for-200.xls">http://www.decc.gov.uk/assets/decc/11/stats/climate-change/6222-local-and-regional-co2-emissions-estimates-for-200.xls</a></p> <p>As at 2010 Dover has 15.3% fuel poor households (7,000 out of 45,630 households). This is above both the Kent Average of 13.1% and the South East Average of 11.5%.</p> <ul style="list-style-type: none"> <li>We aim to provide access to affordable warmth through local initiatives which will contribute to reducing levels of fuel poverty in the District, having regard to Government targets to reduce fuel poverty by 2016 (UK Fuel Poverty Strategy 2001)</li> <li>We will take advantage of any government initiatives (financial assistance and other benefits) for energy efficient measures and tackling fuel poverty.</li> </ul> <p>We aim to support wider local strategic priorities, on issues such as housing, health and poverty, through The Corporate Plan, Sustainable Construction and Renewable Energy Strategy, housing plans (Housing Assistance Policy), fuel poverty strategy (KHAWS) and the Energy Act 2011.</p> <p>Data from DECC Fuel Poverty Statistics 2010  <a href="http://www.decc.gov.uk/en/content/cms/statistics/fuelpov_stats/regional/regional.aspx">http://www.decc.gov.uk/en/content/cms/statistics/fuelpov_stats/regional/regional.aspx</a></p>	2010 onwards
<b>ii) MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMMODATION</b>		
Current schemes	<p>We aim to complete current schemes/ plans to reduce fuel poverty</p> <ul style="list-style-type: none"> <li>We will support the Government's Warm Front scheme until it ceases  2010- 2011 – assisted households = 523  2011 – 2012 – assisted households = 73</li> <li>We will aim to complete all areas of CERT funded schemes  2011-2012 – measures installed in 388 households</li> <li>We completed our HeatSeekers scheme  Total measures installed 663 (CWI- 239 and LI – 424)  Total Annual saving – 443,360 kg CO2, Total lifetime saving (25yr) 11,084,000 kg CO2</li> <li>We completed the Kent Retrofit scheme  142 homes received visits and occupiers were given energy saving advice, and small energy saving measures were installed (i.e. visual displays, stand by switches, tap aerators, aerating showerheads, shower timers, hose triggers and save a flush). Referrals were made to grant schemes for larger energy efficiency measures. Households that received measures installed and received advice were expected to save 0.37 tonnes CO2 per annum.</li> </ul>	<p>March 2013</p> <p>Dec 2012</p> <p>Sept 2012</p> <p>July 2011</p>

Green Deal and ECO	<p><b><i>Kent and Medway Green Deal Partnership (KMGDP)</i></b>  Dover District Council is a partner within the Kent and Medway Green Deal Partnership (KMGDP). The KMGDP is an executive level group providing overall direction to the establishment of a Green Deal for Kent and Medway.</p> <p>The partnership comprises public, private and voluntary sector bodies including representation from all local authorities in Kent and Medway, NHS, water companies, housing associations, business networks and communities. Its overarching purpose is to work in partnership to:</p> <ul style="list-style-type: none"> <li>• ensure residents and businesses get a clear and consistent message about what Green Deal is and the best options available to them</li> <li>• tackle fuel poverty by drawing in as much ECO and other funding to Kent as possible</li> <li>• support our local network of SMEs to be 'Green Deal Ready' and take advantage of economic growth and opportunities in the sector</li> <li>• reduce carbon emissions in Kent &amp; Medway</li> </ul> <p>The KMGDP will work with advocacy groups such as Age UK, Citizens Advice Bureau, Home Improvement Agencies and PCTs in delivering aims from the Government's Fuel Poverty Strategy, also the Kent Health and Affordable Warmth Steering Group and working with Public Health agencies as part of the Warm Homes Healthy People funded project.</p> <p>The partnership will:</p> <ul style="list-style-type: none"> <li>• Deliver 5 show homes and 150 Green Deal assessments in Kent and Medway funded through the DECC Green Deal Pioneers Fund.</li> <li>• Identify six pilot areas with around 4,000 homes. In the pilot phase (first 12-18 months) KMGDP aim to retrofit 200 homes within these communities and will expand these to cover up to a total of 5000 homes in the first 2.5 years of ECO. Aylesham (rural ward), Buckland, St Radigunds and Tower Hamlets have been identified as ECO pilots. They all have a mixture of tenures and property types including hard to treat homes and have high levels of deprivation and benefit claimants.</li> <li>• Identify and develop a rural offer for communities in Kent as a cross-cutting project</li> <li>• Identify and develop an Affordable Warmth (Home Heating Cost Reduction Obligation) offer for Kent</li> <li>• Provide support to SMEs in Kent and Medway to be Green Deal Ready including a series of support events, an audit of providers willing to work with local businesses and ongoing awareness raising and networking to ensure businesses are aware of training requirements and opportunities available.</li> <li>• Procure an ECO funding partner in the first instance for delivery of ECO pilot projects (February 2013) followed by procurement of Green Deal partner/s shortly afterwards.</li> <li>• Develop an engagement strategy for communication of Green Deal and ECO across Kent and Medway</li> </ul>	<p>2012 onwards</p> <p>March 2013</p> <p>March 2015</p> <p>September 2013 March 2013</p> <p>February 2013</p> <p>March 2013</p> <p>Spring 2013 onwards</p>
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	<p>We will undertake preparatory work to remove barriers to the Green Deal/ECO:</p> <ul style="list-style-type: none"> <li>• Business case for Green Deal local activity approved</li> <li>• Produce local planning guidance to address any planning barriers for some of the more challenging housing types</li> <li>• Provide information for those areas where SWI requires no separate planning permission</li> </ul> <p><b>Local Authority Partnership</b>  We have accessed early funding for Affordable Warmth/ ECO (whilst the KMGDP ECO funding is being sourced) to enable households in Dover, Ashford, Gravesham and Sevenoaks to access funding for energy measures during winter 2012/2013</p>	<p>Dec 2012 – Apr 2013</p>
<p>Feed in Tariffs scheme</p>	<p>A small scale pilot of solar pv on the Council's social housing stock took place in late 2011/ early 2012, however was not roled out further due to the change in the Feed in Tariffs. 6 Properties benefited from solar pv arrays of between 8 and 14 panels.  Investigations are taking place to ascertain if solar panels would be beneficial as part of the Kent and Medway Green Deal Partnership in the future.</p>	<p>Mar 2012</p>
<p>Renewable Heat Incentives</p>	<p><u><a href="#">Renewable Energy for Kent</a></u> was a study undertaken by Aecom in 2012 and funded through Interreg IVc project ClimactRegions. This has given Kent partners an understanding of the key opportunities and restraints for the deployment of renewable energy across the county and underpins the development of the Kent-wide Renewable Energy Action Plan due for completion in April 2013. Through undertaking these actions, Kent will look to achieve a 10% reduction in carbon emissions in the county and unlock the potential for Kent's economy. This is the equivalent of 13.2% of our energy usage through renewable energy deployment.</p> <p>A small scale retrofit pilot of air source heat pumps has been carried out in off gas social housing accommodation.</p>	<p>Nov 2012 onwards</p> <p>2012</p>
<p>Zero Carbon Homes</p>	<p>We aim to deliver the Government's policy on lowering CO2 emissions from new developments and when constructing the proposed new social housing stock through the application of the approved Building Regulations and Planning Policy to help reduce the carbon footprint in the district. This aims, primarily, to secure energy- efficient design where the energy consumption of new buildings is minimized through the use of materials, orientation and density. In addition this also aims, where feasible and viable and in line with the Government's growth agenda, to secure the supply of energy from decentralized low and zero carbon sources. This will be delivered through the application of the approved Building Regulations and through the Development Management Policies in the Adopted Core Strategy (Policy CP5 on the Code for Sustainable Homes) that informs the Corporate Business Plan 2011-2015.</p> <p>We aim to ensure new residential development achieves Code level 3 and at least Code level 4 by 1 April 2013.</p>	<p>Apr 2013 onwards</p>
<p>EPCs</p>	<p>We are establishing data on the energy efficiency rating of our residential accommodation, both social and private sector:</p>	

	<ul style="list-style-type: none"> <li>• We plan to carry out a stock condition survey or housing stock modelling through the Building Research Establishment for private sector homes (April 2015) subject to sufficient funds being available</li> <li>• We will collect and collate information from EPCs to provide a focus for additional energy efficiency works.</li> <li>• We will raise landlords awareness of changes in Energy Performance Certificates criteria</li> <li>• KMGDP will retain details of energy efficiency rating of properties that are part of the ECO pilots, and will share the information with partners.</li> <li>• EPC's are completed at change of tenancy in social housing and during stock condition surveys, which is normally 20% of the stock every five years.</li> </ul>	Apr 2015
Minimum standards in the private rental sector	<p>We aim to work and engage with our local landlords, letting agents and the National Landlords Association to encourage them to increase the energy efficiency and minimum standards within their properties. This will be achieved through KMGDP and ongoing landlord activity, for the landlords to achieve EPC band 'E' or above on their properties.</p> <ul style="list-style-type: none"> <li>• Landlord information pack on energy efficiency and green Deal/ECO</li> <li>• Landlord presentation through forums and energy efficiency information on website and newsletter to reduce Category1 Hazards in Excess Cold, Housing Act 2004.</li> <li>• Rigorous enforcement action to reduce high scoring cold hazards</li> <li>• Having a Housing Assistance Policy that promotes and compliments energy efficiency</li> </ul>	2010 onwards
New Innovative initiatives	<p>We aim to introduce innovative ideas that will assist householders to reduce carbon emission, eliminate fuel poverty and promote behavioural change to encourage more efficient use of energy.</p> <p><b>Collective Switching</b> We aim to submit a joint local authorities' bid into DECC to support the Government's Collective Switching initiative. The joint aim is to reduce fuel poverty by aggregating the communities' energy spend in order to achieve more affordable energy.</p> <p><b>Smart Metering.</b> We aim to work with energy companies to deliver the government's mass roll out to have smart meters installed.</p> <p><b>Lighting.</b> We aim to replace change existing lighting in our Corporate buildings to more energy efficient units. We are always looking to retrofit buildings with more energy efficient technologies as and when opportunities arise.</p>	<p>2013/2014</p> <p>2013 onwards</p> <p>2013 onwards</p>
Promotion/Media/Advice	<p>The Kent and Medway Green Deal Partnership will develop a targeted communications campaign for Kent and Medway to promote and maximize uptake of Green Deal and ECO. This will include media, websites, newsletters and training of frontline staff and community champions. The partnership will work with local authorities involved in developing a collective energy switching scheme in Kent to combine energy efficiency messages where appropriate.</p> <p>We will aim to promote Green Deal/ ECO through:</p> <ul style="list-style-type: none"> <li>• Energy Saving Advice Service (0300 123 1234)</li> <li>• Council website, newsletter etc</li> </ul>	<p>2012 onwards</p> <p>2012 onwards</p>

	<ul style="list-style-type: none"> <li>• Green Deal Packs for communities</li> <li>• Use of Decaux poster in Dover Town Centre and in rural locations</li> <li>• Local newspapers, parish magazines and radio</li> <li>• Community events and forums</li> <li>• Tenants Newsletters</li> </ul> <p>Partnership delivery: Attendance and joint working with Kent Energy Efficiency Partnership for ongoing and future participation schemes. We will aim to signpost and promote other relevant energy efficiency and fuel poverty schemes by working with e.g. National Energy Action, KMGDP, Carbon Action Network and South East Carbon Action Network.</p> <p>Events/ actions in the community:</p> <ul style="list-style-type: none"> <li>• Private Landlords forum</li> <li>• Neighbourhood Forums</li> <li>• Home Improvement Agency community meetings</li> <li>• Tenant participation group meetings</li> <li>• Gateway events</li> </ul>	Sept 2013
<b>iii) MEASURES WE PROPOSE TO COST EFFECTIVELY DELIVER ENERGY EFFICIENCY IMPROVEMENTS IN RESIDENTIAL ACCOMMODATION BY USING AREA BASED/STREET BY STREET ROLL OUT.</b>		
	<p>We will aim to deliver cost-effective delivery using area based roll out through:</p> <ul style="list-style-type: none"> <li>• Identifying local partners for area based energy measures for both social and private sector stock</li> <li>• Identify target areas and priority roll out; for example, identify solid wall/ hard to treat properties which will be incorporated in the ECO projects through the KMGDP</li> <li>• Determine any interactions with other refurbishment work and other Local Authority objectives (e.g. area regeneration, ECO Carbon Saving Communities Obligation)</li> <li>• In the Council owned stock all work is planned on an area by area basis to make best use of efficiencies while ensuring the maximum number of properties have efficient heating systems, double glazing etc.</li> </ul>	2012-2014
<b>iv) NATIONAL AND LOCAL PARTNERS</b>		
	<p>We will work with the Kent Energy Efficiency Partnership to deliver all areas of energy conservation measures that we consider to be practicable, cost-effective and likely to result in significant improvement in the energy efficiency of residential accommodation.</p>	2012 onwards

	<p>We will work as part of the KMGDP to deliver Green Deal/EOC and share good practices:</p> <ul style="list-style-type: none"><li>• Our other local partners are: NHS/PCTs, Home Improvement Agencies, voluntary organizations and other Kent based partnerships</li><li>• If all Kent's homes were retrofitted this could generate £914m worth of sales, with the potential for 7000 jobs, generating savings of over £80m for residents</li><li>• The measures we propose will require £1.2m of investment from the Energy Company Obligation</li></ul> <p>Delivering aims and objectives in the Climate Local:</p> <ul style="list-style-type: none"><li>• Establishing timelines and commitments for Climate Local</li><li>• Monitoring and evaluation</li></ul>	
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Signed off by: .....  ..... Roger Walton

Position: Director of Environment and Corporate Assets