

	<ul style="list-style-type: none"> Green House Gas (GHG) data. 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 (Does not include domestic social communal areas) <p>Data from the DECC Local and Regional CO2 Emissions Estimates for 2005-2010 http://www.decc.gov.uk/assets/decc/11/stats/climate-change/6222-local-and-regional-co2-emissions-estimates-for-200.xls</p> <p>As at 2010 GBC have 12.7% fuel poor households (5,061 out of 39,866 households). This is below the Kent Average of 13.1% but above the South East average of 11.5%.</p> <ul style="list-style-type: none"> We aim to provide access to affordable warmth through local initiatives which will contribute to reducing levels of fuel poverty in the borough. Having regards to government targets to reduce fuel poverty by 2016. (UK Fuel Poverty Strategy 2001)(Reduction by baseline 2010 NI187). We will take advantage of any government initiatives (financial assistance and other benefits) for energy efficient measures and tackling fuel poverty. <p>We aim to support wider local strategic priorities, on issues such as housing, health and poverty, through housing strategies/corporate plans, fuel poverty strategy and the Energy Act 2011.</p> <p>Data from DECC Fuel Poverty Statistics2010 http://www.decc.gov.uk/en/content/cms/statistics/fuelpov_stats/regional/regional.aspx</p>	2010 onwards
ii) MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMMODATION		
Current schemes	<p>We aim to complete current schemes/plans to reduce carbon emission and fuel poverty:</p> <ul style="list-style-type: none"> we will support the government's Warm Front scheme until it ceases (Data available for 2010-11 and 2011-2012. 2010-11: Heating–148; Cavity Wall Insulation–12; CFL–95; Draughtproofing–16; Loft Insulation-30 2011-12: Heating–32; Cavity Wall Insulation–2; Draughtproofing–1; Loft Insulation-6; Hot Water Tank-1 we completed all areas of CERT funded schemes in our social housing stock Total measures installed 105; Boiler installations – 37 completed, Cavity Wall Insulation – 41 and Loft Insulation – 27 we completed our HeatSeekers scheme, in our private sector housing: 	2010 - March 2013 Dec 2012 Dec 2012

	<p>Total measures installed, 310; Cavity Wall Insulation – 125 and Loft Insulation – 185 Total annual saving* £40,575 and Total Annual CO2 (KG) Saving* 205,050 *Based on figures cited from Energy Saving Trust (Sept 2010)</p> <ul style="list-style-type: none"> • we completed insulation measures through the Kent Insulation Scheme in our private sector housing: Total measures installed 62; Cavity Wall Insulation – 21 and Loft Insulation – 41 • we aim to complete 105 properties with installation of windows/doors in our social housing stock 	<p>Dec 2012</p> <p>2012-2013</p>
Green Deal and ECO	<p><i>Kent and Medway Green Deal Partnership (KMGDP)</i></p> <p>Gravesham Borough 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"> • ensure residents and businesses get a clear and consistent message about what Green Deal is and the best options available to them • tackle fuel poverty by drawing in as much ECO and other funding to Kent as possible • support our local network of SMEs to be 'Green Deal Ready' and take advantage of economic growth and opportunities in the sector • reduce carbon emissions in Kent & Medway <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"> • Deliver 5 show homes and 150 Green Deal assessments in Kent and Medway funded through the DECC Green Deal Pioneers Fund. • 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 5000 homes in the first 2.5 years of ECO. <p>Northfleet North and Singlewell are two wards combined have 2320 properties with high proportions of solid wall properties. Northfleet North has high levels of solid wall properties in the social rented and private sector. Both wards sit in the top 15% most deprived and have high levels of benefit claimants</p>	<p>2012 onwards</p> <p>2012 onwards</p>

	<p>(20.9% and 21.6% respectively). The stock is a combination of private tenant and owner occupier as well as a high proportion owned by Gravesham Borough Council.</p> <ul style="list-style-type: none"> • Identify and develop a rural offer for communities in Kent as a cross-cutting project • 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. • 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. • Develop an engagement strategy for communication of Green Deal and ECO across Kent and Medway <p>We will undertake preparatory work to remove barriers to the Green Deal/ECO:</p> <ul style="list-style-type: none"> • Business case for Green Deal local activity approved • Produce local planning guidance to address any planning barriers for some of the more challenging housing types • Provide information for those areas where SWI requires no separate planning permission <p>Local Authority Partnership We have accessed early funding for Affordable Warmth/ECO (whilst the KMGDP ECO funding is being sourced) to enable households in Gravesham, Ashford, Dover and Sevenoaks to access funding for energy measures during winter 2012/2013.</p>	Dec 2012 – March 2013
Feed in Tariffs scheme	<p>We aim to provide initiatives for social/private sector housing, for example, Photo Voltaic installations that will support the ambitions in the Carbon Plan:</p> <ul style="list-style-type: none"> • We aim to complete 400 PV installations in our social housing stock 	2013 onwards
Renewable Heat Incentives	<p>Renewable Energy for Kent 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>We piloted Air Source Heat Pumps in residential accommodation (sheltered housing) and aim to expand future</p>	Nov 2012

	<p>installations that will support the ambitions in the Carbon Plan:</p> <p>Installations complete: Merston Court x 1 Chinnery Court x 1 St Gregorys Court x 1</p>	onwards
Zero Carbon Homes	<p>We aim to deliver the Government's policy on lowering CO2 emissions from new developments through the application of the approved Building Regulations and Planning Policy to help reduce the carbon footprint in the borough. This aims, primarily, to secure energy-efficient design where the energy consumption of new buildings is minimised 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 decentralised low and zero carbon sources. This will be delivered through the application of the approved Building Regulations and through the Core Strategy and Development Management Policies, as part of the LDF that lay under the Corporate Business Plan 2011-2015</p> <p>We aim to work towards code level 3/4 (the Code for Sustainable Homes, linked with the planning system and Building Regulations) for all our new build Affordable Homes.</p>	2010 - 2015
EPCs/Stock Condition Survey/Green Deal Assessments	<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"> • To carry out a stock condition survey for private sector to identify areas where energy efficiency activity is required. The average SAP rating (2009 figures from HSSA) is 57, placing it in band D. • Social stock (EPCs currently ongoing) To date we have 1823 valid certificates. The current average SAP rating is 75, placing it in Band C. • We will where possible/eligible carry out Green Deal assessments across all tenures. <p>We will aim to include reference to considering the EPC in rent deposit decision making.</p>	April 2013 onwards
Minimum standards in the private rental sector	<p>We aim to work and engage with our local landlords (also as per our stock condition survey) 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"> • Landlord information pack on energy efficiency and green Deal/ECO 	2010 – 2018

	<ul style="list-style-type: none"> Landlord presentation through forums and energy efficiency information on website and newsletter to reduce Category 1 Hazards in Excess Cold, Housing Act 2004 	
New Innovative initiatives	<p>We aim to introduce innovative ideas that will assist householders to reduce carbon emission, eliminate fuel poverty and provide behavioural changes to using energy more efficiently.</p> <ul style="list-style-type: none"> Smart Metering. We aim to work with energy companies to deliver the government's mass roll out to have smart meters installed Collective switching. We aim to deliver through a joint local authorities' bid into DECC to support the government's collectives switching initiative. The joint aim is to reduce fuel poverty by aggregating the communities' energy spend in order to achieve more affordable energy LED lighting. We aim to replace under our lighting maintenance programme, as many LED lighting in our communal social housing area as possible Voltage Optimisation. We aim to work with partnering organisations to deliver a wider energy efficiency solution to help address fuel poverty and reduce carbon emissions PassiveEnergy via app. We aim to work with partnering organisations to deliver a smarter new way to manage energy within homes help address fuel poverty and reduce carbon emissions 	<p>Current - 2019</p> <p>2013/14</p> <p>2012 onwards</p> <p>Late 2013 onwards</p> <p>Late 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 maximise 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"> Energy Saving Advice Service (0300 123 1234) Council website, newsletter, etc Green Deal Packs for communities Local newspapers and radio Community events and forums <p>Partnership delivery:</p> <ul style="list-style-type: none"> Attendance and joint working with Kent Energy Efficiency Partnership for ongoing and future participation in schemes 	<p>2012 onwards</p> <p>2012 onwards</p> <p>Ongoing from 2010 onwards</p>

	<ul style="list-style-type: none"> We will aim to signpost and promote other relevant energy efficiency and fuel poverty schemes <p>List of local energy efficiency events and actions in the community:</p> <ul style="list-style-type: none"> Big Day Out Children's Day 50+ forum Tenants' conference Private Landlords' forum Gateway events 	Ongoing from 2010 onwards
iii) MEASURES WE PROPOSE TO COST EFFECTIVELY DELIVER ENERGY EFFICIENCY IMPROVEMENTS IN RESIDENTIAL ACCOMMODATION BY USING AREA BASED/STREET BY STREET ROLL OUT.		
	<p>We will aim to deliver cost-effective delivery using area based roll out through:</p> <ul style="list-style-type: none"> Identifying local partners for area based energy measures for both social and private sector stock 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 Determine any interactions with other refurbishment work and other Local Authority objectives (e.g. area regeneration, ECO Carbon Saving Communities Obligation) 	2012 onwards
iv) NATIONAL AND LOCAL PARTNERS		
	<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> <p>We will work as part of the KMGDP to deliver Green Deal/ECO and share good practices:</p> <ul style="list-style-type: none"> Our other local partners are: NHS/PCTs, Home Improvement Agencies, voluntary organisations and other Kent based partnerships, including; Climate Change Network, Kent Housing and Affordable Warmth, Kent Housing Technical Group. 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 The measures we propose will require £1.2m of investment from the Energy Company Obligation 	2012 onwards

	Delivering aims and objectives in the Climate Local: <ul style="list-style-type: none">• Establishing timelines and commitments for Climate Local• Monitoring and evaluation	
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Signed off by:

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Gravesham Borough Council– *Connecting with the Community*