

**Home Energy Conservation Act 1995 – Dover District Council – Progress Report 2017.**

ACTION	DELIVERY	TIME-FRAME FOR DELIVERY
<b>i) LOCAL ENERGY EFFICIENCY AMBITIONS AND PRIORITIES</b>		
	<p><a href="#"><u>Dover District Council's Corporate Plan 2016 - 2020</u></a>                      Dover District Council's Corporate Plan sets out the vision of 'Securing a prosperous future for the Dover district, which will be a place where people want to live, work, invest and visit.' The Plan sets out 4 priorities, underpinning all of the activities is the wish to improve health and wellbeing, and quality of life for Dover District Council resident.</p> <ul style="list-style-type: none"> <li>• <b>Priority Two - a Clean, Green and Safe Environment</b>, Delivering an effective and value for money recycling and refuse collection service, Delivering good quality regulatory services (environmental and public Protection, Minimising the council's impact on the environment will form part of the focus.</li> <li>• <b>Priority Three - Healthier People and Communities and Priority - Promoting healthy lifestyles and behaviours</b>, Improving access to affordable, decent housing, Supporting vulnerable members of our community and reducing health inequalities will form part of the focus.</li> </ul> <p>The plan also details what the Council wants to achieve by 2020, including:</p> <ul style="list-style-type: none"> <li>• Continue to minimise the council's own impact on the environment through a reduction in energy used and carbon emissions</li> <li>• Maintain the average Standard Assessment Procedure (SAP) rating in council homes to a high level</li> <li>• Continue to work with partners as part of the South Kent Coast Health and Wellbeing Board to improve the health outcomes for our residents</li> <li>• Work to reduce health inequalities, focussing on some of our more deprived neighbourhoods or particular target groups</li> <li>• Update the Housing Strategy with the aim of meeting local needs, increasing housing choice and improving the quality of existing housing within the context of national housing policy priorities</li> <li>• Increase the number of vulnerable households benefiting from Warm Homes and Energy Switch Initiatives to achieve affordable warmth through energy efficiency and improvements to the built environment in which they live</li> </ul> <p>Dover District Council continues to work to achieve the targets set out in the <a href="#"><u>Kent Environment Strategy</u></a> (recently</p>	<p>2016 – 2020</p>





Dover District Council has a full time Climate Change and Energy Conservation Officer, part of whose duties is to reduce fuel poverty. Other duties include adaptation to and mitigation of the impacts of climate change across the Council's estate and wider district. The Officer works closely with the Council's Private Sector Housing team with regard to improving energy efficiency for private households across the district. East Kent Housing manage the Council Housing Stock on behalf of the Council, and are responsible for improving thermal standards in the Council's domestic properties.

Ongoing

### Local Fuel Poverty Statistics

Dover	2014 LIHC
Estimated number of households in the borough	49,844
Estimated number of households in fuel poverty	4,891
% Fuel poor	9.8%

Data from BEIS Fuel Poverty Statistics 2014

<https://www.gov.uk/government/statistics/2014-sub-regional-fuel-poverty-data-low-income-high-costs-indicator>

As at 2014, fuel poverty levels in Dover are above the Kent average of 8.9% and South East average of 8.3%.

### Estimates of the numbers and percentages of dwellings meeting the key indicator criteria assessed by the Housing Stock Models and Database by tenure for Dover.

Indicator		Private Sector Stock				Social Stock	
		Owner Occupied		Private Rented			
		No.	%	No.	%	No.	%
No. of dwellings		35,773	-	8,859	-	7,221	-
HHSRS category 1 hazards	All hazards	5,002	14%	1n215	14%	372	5%
	Excess cold	2,780	8%	507	6%	218	3%
	Fall hazards	2,170	6%	597	7%	131	2%
Disrepair		1,270	4%	778	9%	119	2%
Fuel poverty (10%)		4,085	11%	1,593	18%	578	8%
Fuel Poverty (Low Income High Costs)		3,115	9%	1,801	20%	457	6%
Low income households		3,445	10%	2,956	33%	5,148	71%

*N.B. the information on hazards refers to the number of dwellings with a hazard of the stated type. Because of this there is likely to be some overlap – for example, some dwellings are likely to have excess cold and fall hazards but this dwelling would only be represented once under 'all hazards'. The number of dwellings under 'all hazards' can therefore be less than the sum of the excess cold plus fall hazards.*

Table from BRE Integrated Dwelling Level Housing Stock Modelling and Database for Dover District Council (Dec.2016)

	<p>The Countywide Kent Health and Affordable Warmth Strategy was outdated and had lapsed, hence Officers from the Kent Energy Efficiency Partnership (Officers with Fuel Poverty as part of their role) drafted, consulted on and published <a href="#">Delivering Affordable Warmth A Fuel Poverty Strategy for Kent</a> (Gravesham BC acted as lead authority). The Strategy demonstrates that Authorities across Kent are serious about their ambition to address fuel poverty, and aim to make the county more attractive for future energy efficiency programmes/ funding and strengthen funding bids.</p> <p>In recognition of the fact that fuel poverty is a problem for all in society and a multi-agency approach is needed to address this issue a Fuel Poverty Action Plan Workshop was held and a range of local authority, housing, health professionals, community groups, voluntary organisations were invited to attend to inform and start the process of turning the action plan into a living document. The outcomes from the workshop will be used to inform/ strengthen the Action Plan and partnerships to progress action on fuel poverty in the County.</p> <p>Examples of current partnership work to reduce fuel poverty and the health issues caused by living in a cold home.</p> <ul style="list-style-type: none"> <li>• Winter Warmth funding from Public Health Kent – additional funding granted to Dover to help residents with existing health conditions afford External Wall Insulation on their system built (Dorlonco) properties.</li> <li>• Dover was part of a Green Deal Communities Fund bid together with Dartford and Sevenoaks Councils (Warmer Streets) and used funding to contribute towards the cost of External Wall Insulation on the Dorlonco properties in former mining villages.</li> <li>• A monitoring and evaluation project is now underway to evaluate the benefits of the external wall insulation on these Dorlonco properties both in achieving affordable warmth and the residents’ perception of benefits to their health.</li> <li>• Warm Homes – Kent wide partnership framework that has providers with ECO funding who are able to install measures part/ fully funded by HHCRO and ECO.</li> <li>• A joint mailshot with the current appointed cavity/ loft/ room in roof provider was sent out district wide in January 2017.</li> <li>• Collective Energy Switching – Energy a partnership of 5 Kent Authorities (Dartford, Gravesham, Tonbridge and Malling and Tunbridge Wells) across Kent for which Dover acts as lead authority. Auction rounds are held 3 times a year.</li> <li>• Council Officers regularly meet with South Kent CCG to consider how to best meet the housing, health, care and support needs of people to help residents live as independently as they choose in accommodation that is suitable for their needs and contributes positively to their health and wellbeing, through collaborative working. The creation of an Environmental Assessment form for agencies carrying out home visits to complete and signpost to organisations that can assist residents to achieve a ‘healthier’ home i.e. insulation through Council/ ECO funds.</li> </ul>	<p>Completed</p> <p>Completed</p> <p>In progress</p> <p>Completed</p> <p>Completed</p> <p>2016 - 2018</p> <p>Ongoing</p> <p>Jan 2017 to March 2017</p> <p>Ongoing</p> <p>Ongoing</p>
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**Excess winter deaths**

There were an estimated 24,300 excess winter deaths (EWDs) (provisional) in England and Wales in the 2015/16 winter period. This represents an excess winter mortality index of 15%; that is 15% more deaths occurred in winter compared to the non-winter months. The number of EWDs has almost halved since the 2014/15 period and is closer to the 5-year average (years 2011/12 to 2015/16) -Data from Office for National Statistics 2016  
<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/excesswintermortalityinenglandandwales/2015to2016provisionaland2014to2015final>)

At the time of writing this report, 2015/16 data for Kent/Dover is currently not available. Public Health Kent recognizes the link between healthier homes for healthier people and provides Kent authorities with Winter Warmth funding to assist vulnerable residents with certain health conditions to achieve affordable warmth. Public Health Kent awarded Dover District Council with an additional £20,000 in 2015 to contribute towards the cost of external wall insulation for 12 residents living in system built properties former mining villages with certain health conditions.

Winter Warmth Funding from the 2015 to 2017 budgets have assisted a further 18 properties benefitting to achieve affordable warmth with the installation of new boilers.

Completed

**iv) MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMMODATION**

Current scheme/action

**Measures installed:  
Private Rented Sector**

Measure	Owner Occupier/ Private Rented	Approx lifetime saving (EST yearly savings * estimated lifetime of product (Ofgem data) £	approx lifetime CO <sub>2</sub> saving (kg) (EST yearly savings * estimated lifetime of product (Ofgem data - kg	Funding stream	Amount £
Boiler	20	27,600.00	130,224.0	Winter Warmth	52499.37*
Heating	9	8,280.00	42,787.8	DDC Urgent Home Loan	53,879.41*
External Wall Insulation	21	196560.00	861,600.0	DDC Urgent Home Loan	86,044.52
				45022.4Winter Warmth	33,000.00
				ECO	17,896.21
				Green Deal Communities Fund	84,000.00
				Client Contribution	19,181.71
Double Glazing	3	10,636.20	48,000.0	DDC Urgent Home Loan	£15,056.38*
Double Glazing and New Boiler	2	9,850.80	45,022.4	DDC Urgent Home Loan	£27,587.38
Double Glazing and cavity wall insulation	1	11,961.55	41279.17	DDC Urgent Home Loan	£10,363.30

\*final costs still awaited  
There are currently a further 3 households awaiting approval of grant and 1 household where heating works have commenced

Completed

### Warm Homes – Data

Measure	Owner Occupier	Private Rented	Approx lifetime saving (EST yearly savings * estimated lifetime of product (Ofgem data) £)	approx lifetime CO <sub>2</sub> saving (kg) (EST yearly savings * estimated lifetime of product (Ofgem data) - kg)	Funding stream	Amount £
*Boiler + Room thermostat (x2) Boiler + new gas pipe	3	0	3,900.00	20,154.0	Winter Warmth	7140.322 *
					ECO	391.68*
Heating	4	2	5520.00	28,525.2	Winter Warmth	14094.90
					Green Deal Communities Funds	818.50
*Cavity Wall Insulation	13	0	109,410.0	490539.0	ECO	8969.26*
					Green Deal Communities Funds	794.00*
Loft Insulation	2	0	14,070.00	59,220.0	ECO	495.19
*Loft Top Up Insulation	18	3	23,100.00	92,815.8	ECO	7,907.71*
					Green Deal Communities Funds	1,393.00*

\*Some secondary measures installed at same time (not taken into account in lifetime £/carbon savings)

Completed

**DDC mailshot in conjunction with Aran Services January 2017**

Measure	Owner Occupier	Private Rented/ Social Housing	Approx lifetime saving (EST yearly savings * estimated lifetime of product (Ofgem data) £	approx lifetime CO <sub>2</sub> saving (kg) (EST yearly savings * estimated lifetime of product (Ofgem data - kg	Funding stream	Amount £
Cavity Wall Insulation	4	0	21,840.00	92,400.0	ECO	2603.93
					Client contribution	495.30
Loft insulation	12	1 Social Housing	75,348.00	313,950.0	ECO	4480.94
					Client contribution	1411.75

A further 13 households are being processed for Loft Insulation, 11 CWI and 1 room in the roof. A further 26 properties are in the pipeline process to have insulation measures installed.

**Dover District Council Social Housing Properties**

Measure	Social Housing	Approx lifetime saving (EST yearly savings * estimated lifetime of product (Ofgem data) £	approx lifetime CO <sub>2</sub> saving (kg) (EST yearly savings * estimated lifetime of product (Ofgem data - kg	Funding stream
External Wall Insulation	30	235,440.00	993,600.0	DDC budgets £371,486.27
				ECO £7,433.74 Green Deal Communities Fund £120,000.00
Loft insulation top up	76	47,880.00	92,400.0	DDC Budgets
Double Glazing	40	141,810.00	640,000.00	DDC Budgets

Completed

In progress

Completed

	<p>Recent government data (2016 data published June 2016) on domestic carbon emission are as follows for Kent (including Dover)</p> <p>The latest data available (2014) show that there has been a reduction of 26% in total domestic energy CO<sup>2</sup> emissions estimates in Kent (2,536.2kt CO<sup>2</sup> and a 28.5% reduction in Dover (182.9 kt CO<sup>2</sup>) when compared to the 2005 baseline year.</p> <p>There has been a continual reduction in ktCO<sub>2</sub> in Kent/Dover from 2005 to 2014, assisted in recent years due to the local promotion/ take up of ECO, Green Deal Home Improvement Initiative, Green Deal Communities funds and Dover's use of Winter Warmth and Council budgets to improve the thermal efficiency of harder to treat homes and renewable energy incentives (FITs and RHI schemes)</p> <p><b>Smart Meters</b></p> <p>Current statistics are available on: <a href="https://www.gov.uk/government/collections/smart-meters-statistics">https://www.gov.uk/government/collections/smart-meters-statistics</a></p> <p>Smart Energy GB has been contacted by the Chair of the Kent Energy Efficiency Partnership with a request to meet and explore ways in which Kent Councils can promote/support the roll out of Smart Meters across the county and integrate with current schemes/ projects. Smart Energy GB has advised that the programme is on hold for a while, however they will make contact once the Programme for 2017 has re-launched.</p> <p>Dover District Council and other Kent partners would look to base future engagement with Smart Meter roll out on best practice and advice from Wealden District Council's Smart Energy Parishes Project. The Wealden DC Officer that ran the project has kindly provided information what worked and what didn't work as well during the Smart meter roadshows held in the district.</p> <p>The ability to access historic energy usage would be extremely helpful when monitoring and evaluating energy efficiency schemes now and in the future. Obtaining historic energy consumption data for households who have not retained copies of their bills is proving a barrier to establishing the impact the external wall insulation is having on the current MME project in system built properties in the former mining villages in the district. The evaluation is aimed at informing future energy, sustainability and insulation policies / initiatives as well as any associated social and environmental strategies by</p> <ul style="list-style-type: none"> <li>• Identifying trends in longer term reductions in energy use and carbon emissions</li> <li>• Identifying any other social, economic or environmental benefits.</li> <li>• Identifying how behavioural change has an impact on energy usage and other factors within a community.</li> <li>• Considering any wider benefits / impacts upon residents such as health issues, wellbeing, other social benefits and</li> </ul>	<p>2017 onwards</p>
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any physical improvements.

Data shared with Councils that would highlight under heating/ not heating (or conversely homes with high heating bills) and if possible could be cross referenced with other data ie Stock Condition Survey, EPC and data from health partners(CCGs/ Public Health) would assist Councils and partners to assist the most vulnerable in the most resource efficient way and to the maximum benefit of the household.

### **Boilers and heat pumps**

#### **Boiler Installations**

Dover District Council, like many local authorities has adopted the Building Control National Performance Standards, which among other things define service levels that constitute a 'fit-for-purpose' service.

The implementation of Building Regulations with regard to the installation of boilers has however, to a very large degree, been taken out of the hands of Building Control Bodies, either private or public sector. Central Government over the last 15 years or so has introduced, encouraged and subsequently strengthened the role of self-certification in relation to all heat producing appliances.

The bodies that run the 'competent persons schemes' are required to monitor the work of the scheme members – this is done on a sample basis. Dover Building Control ensure that the requisite self-certificates are in place before issuing a Building Regulations completion certificate for any construction project that requires a formal Building Regulations application. The legislation gives the body operating a particular competent persons scheme the power to revert an installation project, which contravenes the Building Regulations, to the local authority Building Control body, in order that they may instigate enforcement procedures. At Dover there have only been 3 or 4 instances where this has happened in the last 15 years or so.

#### **New technologies**

In relation to heat pumps and new technologies again self-certification is becoming more prevalent. APHC, BESCA Certsure, HETAS, NAPIT, OFTEC & Stroma all offer competent persons scheme that relate either to micro-generation or renewable technologies and the same comments, as made above, apply to these projects.

Where heat-pumps and other renewable technologies are included in a wider building project, on which Dover Building Control are providing the Building Control service, then manufacturer's details and, where appropriate, the system design, are asked for in order to check that the requirements of parts F & L and regulation 8 have been met. The Building Regulations are minimum standards. Hence their purpose is not to ensure that the 'right technology is used for the right property'. The choice about which technology to install is left to the designer/building owner/builder and the Building

Regulations simply ensure that the solution chosen meets the minimum standards of the Building Regulations, which include minimum standards for energy efficiency. In the case of new build properties the requirement for a SAP rating an EPC often provide a further level of scrutiny over new technology systems.

**v) ECO**

Dover District Council will actively promote ECO and get involved in 'Flexible Eligibility' when full details are known. The Council through the Kent and Medway Sustainable Energy partnership did respond to the consultation, however due to the limited time of the consultation period and very limited knowledge of the proposal found it difficult to give definitive/ well informed responses. The Council anticipates publishing a Statement of Intent when more detail is provided by BEIS.

ECO Measures by ECO obligation up to end of September 2016		
ECO type	ECO measures installed in Dover	ECO measures installed in Kent
CERO	812	14,805
CSCO	692	6,342
HHCRO	701	6,788
Total	2,205	27,935

[Data from Household Energy Efficiency National Statistics ECO measures by ECO obligation by administrative area.](#)  
(Table 2.2.1)

**Kent and Medway Sustainable Energy Partnership (KMSEP)**

The KMSEP is an executive level group providing overall direction to the establishment of a coordinated retrofit programme of sustainable energy efficiency measures and sustainability retrofitting for Kent and Medway.

The partnership comprises public, private and voluntary sector bodies including representation from all local authorities in Kent and Medway, water companies, registered housing providers in Kent, National Landlord Association, and the Kent Members of the South East Consortium. Key aims of the partnership are:

- To ensure residents and businesses get a clear and consistent message about what funding and finance options are available to support retrofitting of energy efficiency measures.
- To tackle fuel poverty by drawing in as much Energy Company Obligation (ECO) and other funding to Kent as

April 2017 onwards

Ongoing

	<p>possible.</p> <ul style="list-style-type: none"> <li>• To support our local network of Small/Medium Enterprises (SME's) to be 'Green Deal Ready' and take advantage of economic growth and opportunities in the sector.</li> <li>• Reduce carbon emissions in Kent and Medway.</li> </ul> <p><b>Kent Warm Homes</b></p> <p>Since March 2012, the KMSEP has run the Warm Homes initiative to provide a clear and subsidised offer to residents for making energy efficiency improvements to their homes. Since October 2014, a Retrofitting Framework was procured with 15 service providers to offer subsidised heating, loft, and cavity wall insulation to residents, taking advantage of available Energy Company Obligation (ECO) funding (HHCRO/CERO/CSCO) and public health funding to reduce the cost of these measures for residents.</p> <p>To date, the Warm Homes initiative and its Retrofitting Framework has:</p> <ul style="list-style-type: none"> <li>• Supported 2220 energy measures across 2075 homes in Kent and Medway.</li> <li>• Utilised £1.6million of ECO grant funding and £1.3mil public health and wider government funding to make energy measures as affordable as possible.</li> <li>• Saved residents an estimated £8.8million on their energy bills across the lifetime of these measures.</li> <li>• Saved an estimated 38,0000 lifetime tonnes of carbon dioxide across Kent and Medway.</li> </ul> <p>An independent county wide Warm Homes Call centre has also been procured with the support of the Kent Energy Efficiency Partnership (KEEP) and is delivered by Shepway Lifeline. To date, the Warm Homes call centre has processed 1235 referrals for residents into the Warm Homes initiative.</p> <p><b>Kent Warm Homes Phase 3</b></p> <p>From April 2017, the Warm Homes initiative will continue to take advantage of ECO funding (CERO/AWG) and wider partner funding to provide subsidised energy measures to residents across Kent and Medway.</p>	<p>Completed</p> <p>Ongoing</p> <p>April 2017 onwards</p>
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<b>vi) RENEWABLE / SUSTAINABLE ENERGY</b>		
Feed in Tariffs scheme/ Renewable Heat Incentives	<p>Renewable energy technologies are considered when the Council plans new builds/ refurbishments of Council properties. The Council has built 3 new properties in the village of Elvington that have well insulated envelopes (conservation of fuel and power), LED lighting, SUDS paving, multi-fuel stove, high efficiency gas boilers, water butts in garden and met Code of Sustainable Homes level 4.</p>	Ongoing
	<p>A new build in Castle Street, Dover that contains 8 flats was constructed using Kingspan TEK SIP (Structural Insulated Panels) system. As the system is very airtight and thermally efficient a Mechanical Ventilation and Heat Recovery system was installed to improve the air quality for residents. The generation from the solar panels installed on the roof is used to provide communal lighting. The communal lighting uses smart technology (sensors) and LED lighting is installed throughout the building. The building meets Building Regulations water efficiency requirements.</p>	
	<p>New builds are proposed in the district – whilst they are yet to be realized they will meet/ exceed the current Building Regulations with the main emphasis on the building envelope being thermally efficient and air tight. LED lighting will be used throughout the buildings. Water efficiency measures will be installed with water butts in the gardens, and SUDS paving. Renewable technologies (such as provision of communal lighting through use of solar panels) will be explored and used where there is a significant merit for their inclusion over enhancements to the main building fabric.</p>	Completed
	<p>A former care home in Dover has been purchased by the Council and it is envisaged that it will be used in the future to meet temporary housing needs. The existing structure will be thermally upgraded throughout (roof, walls, basement floors), sound insulation will be upgraded to increase occupant comfort levels, and LED lighting installed.</p>	
	<p>The Council is remodeling and carrying out improvement works to a sheltered housing scheme in Deal. The refurbishment will significantly improve the energy performance of the flats as external wall insulation, new UPVC double glazed windows and doors, LED lighting with motion sensors will be installed and smart technologies used where appropriate.</p>	In progress
	<p>A new Leisure for Dover is currently going through the planning process. It is proposed that the building will meet BREEAM very good. The building envelope will be airtight and thermally efficient. Natural ventilation will be utilized in the Sports Hall. CHP will be the primary heating source – this linked to a thermal store will provide the majority of the hot water and heating demand throughout the year. Reverse cycle heat pumps will be used in areas where there is significant heat gain. Lighting throughout the leisure centre will be designed using energy efficient LED light fittings, with control using movement sensors based on occupancy within the various spaces. Natural daylight will be utilised as much as possible in key spaces (main entrances and main circulation staircase (through double height glazing and roof window). It is proposed that rain water from the site is infiltrated into the ground via deep bore soakaways. Plans include</p>	

a BREEAM compliant Travel Plan.

Renewable Energy for Kent – An Action Plan for Delivering Opportunities (based on a study undertaken by Aecom in 2012) was developed with partners across Kent (including Dover District Council). The action plan links to a priority under the Kent Environment Strategy and supports National and local carbon reduction targets.

In progress

FIT Installations on the Central FIT Register for Dover District from 1 February 2015 to 21 March 2017

	Domestic		Commercial		Industrial		Community	
	No. of installations	Installed capacity MW						
Photovoltaic	326	10208	18	0.710	1	0.050	1	0.030

Data from [Ofgem report viewer](#).

A biomass installation with an installed capacity of 16.0MW is currently under construction in the district. (Renewable Energy Database January 2017)

The Council aims to deliver the Government’s policy on lowering CO<sup>2</sup> emissions from new developments through the application of the current Building Regulations and Planning Policy. The Council’s Core Strategy requires:

- That new developments incorporate measures to reduce energy demand and to produce energy,
- from renewable sources (through implementation of BREEAM standards)
- Acceptable schemes for general renewable energy production are brought forward
- Efficiencies and demand reduction measures continue to be carried out in the existing stock

The Adopted Core Strategy states that ‘the Dover Waterfront development includes a district heating system (as long as it is viable), non-residential buildings meet BREEAM excellent standard and residential buildings achieve at least 75% of the sound insulation credits under the Code for Sustainable Homes standards.’

The recently released Planning Policy requirements include the need for the Council’s Local Plan to consider the potential of Renewable and Low Carbon technologies, suitable areas for deployment and criteria based policies.

**vii) NEW INNOVATIVE INITIATIVES**

We aim to introduce innovative ideas that will assist householders to reduce carbon emission, eliminate fuel poverty and

Ongoing

	<p>provide behavioural changes to using energy more efficiently, storage of energy, and demand side response.</p> <ul style="list-style-type: none"> <li>• <b>Collective switching.</b> Dover District Council acts as lead for the Energy Deal collective energy switching scheme. It is a partnership of 5 Kent Local Authorities. The aim of the scheme is obtain a 'good' energy deal for residents across the participating authority areas (online registration open to anyone in the County/ countryside) by offering vulnerable residents a hassle free no obligation way to see if they can save and support them through the registration / switching process should they decide to accept the offer. Savings for Dover District residents who have switched through the from inception of scheme in June 2013 through to the October 2016 auction is £145,567.82 – savings for Kent residents through the Energy Deal scheme is £580,623.59.</li> <li>• <b>LED streetlighting.</b> The Council is currently looking at the feasibility of rolling out the replacement of Council owned streetlights with LED lamps/ columns.</li> <li>• <b>A Housing, Health and Social Care Work Stream</b> has been set up at Dover to consider how best to meet the housing, health, care and support of people within the South Kent Coast Clinical Commissioning Group area. The aim of the group is to identify issues, develop and promote solutions to assist, wherever possible, residents to live as independently as they choose in accommodation that is suitable for their needs and contributes positively to their health and wellbeing, linking to and influencing positive commissioning decisions. An example of an early outcome of these meetings is a <a href="#">single referral form</a> that has been devised and circulated to 'officers' who carry out home visits – i.e. Kent Fire and Rescue – this is currently being rolled out to other areas in the County and wider.</li> <li>• Kent Councils developed, consulted on and published <a href="#">Delivering Affordable Warmth – A Fuel Poverty Strategy for Kent</a> to demonstrate commitment to reducing the negative impacts of fuel poverty and cold homes upon the health and well-being of the County's residents. The Strategy and underlying Action Plan recognize the importance of partnership working with a wide range of organisations to identify resources to develop a range of effective interventions that will maximize the impact on fuel poverty levels across the County. <a href="#">An Action Plan workshop</a> was held in late November 2016 to bring together, public, voluntary and community sector organisations to develop the action plan further, and get a better understanding of the activities already happening in Kent, and how we can enhance/ contribute/ link up to ensure we reach and assist vulnerable residents and tackle the wider inequalities of health and deliver a healthier county.</li> <li>• <b>MME Project.</b> A measurement, monitoring and evaluation project is currently underway to fully understand the benefits of external wall insulation to the fabric of the house, and the householders' perception of the impact on their health of living in a warmer home. The project involves a weather station installed in the vicinity of the properties, monitoring sensors installed in homes, householders being interviewed twice a year. The data will be aggregated and questionnaire responses collated and shared with project partners.</li> </ul>	<p>Ongoing</p> <p>In progress</p> <p>Ongoing</p> <p>Completed</p> <p>Completed</p> <p>Completed</p> <p>Ongoing</p> <p>2016 to 2018</p>
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Promotion/ Media/Advice Education	<p>The Kent Energy Efficiency partnership continues to deliver a number projects/schemes across Kent to promote and maximise uptake of ECO and energy efficiency work through KMSEP. The partnership will work together to develop schemes in Kent to combine energy efficiency messages where appropriate.</p> <p>We will aim to promote ECO through:</p> <ul style="list-style-type: none"> <li>• Statement of Intent published on Council website and referring into the Flexible Eligibility process.</li> <li>• Warm Homes Scheme</li> <li>• Council website, newsletter, parish magazines, social media, etc</li> <li>• Energy Information Packs for communities</li> <li>• Local newspapers and radio</li> <li>• Community events and neighbourhood / landlord forums</li> </ul>	Ongoing
	<p>We will work to promote government programmes and schemes such as:</p> <ul style="list-style-type: none"> <li>• ECO2</li> <li>• Smart Metering</li> <li>• FITS/ RHI</li> <li>• Energy Saving Advice Service (0300 123 1234)</li> <li>• Cold Weather payments</li> <li>• Winter Fuel payments</li> <li>• The Warm Home Discount scheme</li> </ul>	Ongoing
	<p>Some of the events attended in the last 2 years to promote energy efficiency events locally:-</p> <ul style="list-style-type: none"> <li>• Presentation on saving energy in the home and achieving a more affordable warmth at Surviving Winter lunches (for Senior Citizens in the Deal area)</li> <li>• Community Energy Champions Event at Dover Town Council Offices – update on actions Dover District Council taking on the energy efficiency and fuel poverty agendas.</li> <li>• Attendance and presentation at Transition Dover event</li> <li>• Informal tea and chat meetings at Aylesham to promote External wall insulation and inform residents about grants available (representatives from Installer, Council and Home Improvement Agency in attendance)</li> <li>• Attendance at Dover Regatta and Dover Big Local to promote energy efficiency, energy switching</li> <li>• Gateway events</li> <li>• Kent Fuel Poverty Action Plan Workshop</li> <li>• Landlords forum</li> </ul>	Completed



Minimum standards in the private rental sector	<p><b>Minimum Energy Efficiency Standards in the Private Rented Sector</b></p> <p><b>Private Rented Sector</b></p> <p>By 1 April 2018 the Local Authority will have policy and processes in place to enable enforcement of the Minimum Energy Efficiency Standards.</p> <p>The Council pays for an annual license to use the BRE Cold Homes Calculator to assess and calculate SAP rating and heating requirements on private rented properties that currently; either do not have an EPC, where there is a suspicion that the EPC is incorrect , unusual buildings or on properties that are clearly poorly insulated or heated. This tool will help the Council identify F &amp; G properties and take appropriate action.</p> <p>The Council's Private Rented Sector team already enforce minimum energy efficiency standards in Private Rented Properties using the Housing Act 2004 and the HHSRS for homes having a low SAP rating. Over the last 2 years Dover District Council's Private Rented Sector has taken enforcement action due to excess cold on 118 properties. The new provisions coming into force on 1 April 2018 will provide additional legislative powers and we would use the most appropriate legislation to take action on cold homes. The new provisions should not a substantial additional burden.</p> <p>The Council engages with Landlords through various avenues, information packs/ website information, meetings and Landlord Forums.</p>	By 1 April 2018
		Ongoing
		Ongoing
		Ongoing

Signature:



Signed off by: Roger Walton

Dated: March 2017

Position: **Director of Environment & Corporate Assets**  
**The Council Offices**  
**Whitfield**  
**Dover**  
**Kent, CT16 3DL**