



GUILD FORD  
B O R O U G H

Guildford Borough Council HECA further report

Reporting period: March 2013 – March 2015

## **Guildford Borough Council HECA further report March 2013 – March 2015**

Local authorities are uniquely placed to assess the needs of their areas and local residents and to act as catalysts for change. The Home Energy Conservation Act (HECA) 1995, recognises local authority's ability to use their position to improve the energy efficiency of all residential accommodation (owner-occupied, privately rented and social housing) in their areas.

This further report sets out the energy conservation measures that Guildford Borough Council considers practicable, cost-effective and likely to result in significant improvements in the energy efficiency of residential accommodation in the borough.

More information regarding the contents of the further report can be found in the following documents:

- Guildford Borough Council Corporate Plan 2013 - 2016
- Housing Strategy 2015 - 2020
- Private Sector House Condition Survey 2009
- Sustainable Community Strategy 2009 – 2026

Baseline:

Current data shows that carbon dioxide emissions and fuel poverty within the borough are as follows:

- In 2012, Guildford borough's per capita CO<sub>2</sub> emissions from the domestic sector was 2.4 kilotonnes, a reduction of 14 per cent since 2005.  
<https://www.gov.uk/government/statistics/local-authority-emissions-estimates>
- 8 per cent of homes (approximately 4,306 households) in the borough were in fuel poverty in 2012. This compares with a south east regional average of 7.8 per cent (Department of Energy and Climate Change (DECC), 2012). *(Data sourced from DECC Fuel Poverty Statistics 2012*  
<https://www.gov.uk/government/statistics/2012-sub-regional-fuel-poverty-data-low-income-high-costs-indicator>)

Future reports will be provided at two yearly intervals up to and including 31 March 2027. The reports will provide an update on how Guildford Borough Council is progressing with implementing the measures set out in this report.

## HECA further report 2013 - 2015: Local energy efficiency ambitions and priorities

Action	Example	Timing
Key Strategic Priorities	<p>The Council's Key Strategic Priorities have been replaced by the Corporate Plan 2013-16</p> <p>Our Corporate Plan 2013-16 has five fundamental themes:</p> <ul style="list-style-type: none"> <li>• Infrastructure</li> <li>• Economy</li> <li>• Development</li> <li>• Sustainability</li> <li>• Society</li> </ul> <p>Our priorities are to reduce energy consumption in the Council's operations and promote sustainability across the borough.</p> <p>By 2016 we will have promoted energy efficiency across all housing tenures in the borough.</p>	2016
Sustainable Community Strategy	<p>By 2026 the Council aims to reduce CO<sub>2</sub> emissions per capita through increased use of renewable energy sources, energy conservation and reduced consumption. The borough will need to adapt to and manage the potential impacts of future climate change, such as increased flooding and droughts.</p>	2026
Housing Strategy	<p>A new housing strategy 2015 - 20 has been published Our vision is that 'everyone should have a home that meets their needs'.</p> <p>Our Housing Strategy proposes that we will:</p> <ul style="list-style-type: none"> <li>• Work with private landlords to ensure the sector meets local needs and demand, and raise standards.</li> <li>• Promote accreditation for private sector landlords (which we propose will include energy efficiency requirements).</li> <li>• Deliver an ongoing programme of improvement to Council homes and achieve 99% decent homes within life of the strategy.</li> <li>• Tackle fuel poverty and reduce carbon emissions through energy efficiency measures in homes of all tenures. To promote the home improvement policy in order to raise housing standards.</li> </ul>	2015 - 2020

## HECA further report 2013 - 2015: Local energy efficiency ambitions and priorities

	<ul style="list-style-type: none"> <li>• Operate a Handy person and home improvement agency to assist elderly, disabled and vulnerable clients.</li> </ul> <p>The Council owns and manages over 5,100 socially rented homes across the borough. These properties account for 9 per cent of the total residential stock and provide homes for some of the most vulnerable in the local community. Investment has been targeted to:</p> <ul style="list-style-type: none"> <li>• reduce the number of properties failing to meet the Decent Homes standard – a minimum standard that all socially rented homes must achieve</li> <li>• provide a reasonable degree of thermal comfort (effective insulation and efficient heating)</li> </ul>	
Home Improvement Policy	<p>The policy was revised in April 2014 and retains measures to improve thermal insulation standards and reduce the number of non decent homes in the private sector.</p> <p>It sets out a detailed scheme of assistance within an annual budget of £150,000. The current scheme of assistance provides repayable grants to eligible people and eligible properties to:</p> <ul style="list-style-type: none"> <li>• eliminate category one hazards particularly in respect of thermal comfort</li> <li>• encourage the reoccupation of empty homes (which can include installation of energy efficient measures)</li> <li>• provide interest free loans to encourage the take up of renewable technologies.</li> </ul>	Ongoing
Local Plan	<p>Since the 2013 HECA report the council has produced a draft Local Plan for the borough which was consulted upon. The draft Local Plan contains measures that address climate change adaptation and mitigation in new homes and it is likely that these measures will be taken through to the next version of the draft Local Plan.</p>	Ongoing

## HECA further report 2013 - 2015: Local energy efficiency ambitions and priorities

Public Health Strategy	<p>In December 2014 the Public Health and Wellbeing Strategy for the borough was adopted. This has been developed in partnership with</p> <ul style="list-style-type: none"> <li>• Guildford Borough Council</li> <li>• Guildford and Waverley and Surrey Heath Clinical Commissioning Group</li> <li>• Surrey County Council</li> <li>• Voluntary Sector organisations</li> </ul> <p>The current strategy runs 2015-17 at which point the priority areas will be reviewed. Dependant on the evidence base this may include scope for including home energy as a determinant of health (in particular excess winter deaths) as a priority area.</p>	2015 - 2017
Energy Policy	Plan to have an energy policy in place by 2017	2017
Climate Local	The council intend to sign up to Climate Local.	

## HECA further report 2013 - 2015:

<b>ii) Measures we have taken to result in significant energy efficiency improvements of our residential accommodation.</b>	
<p>Green Deal and Energy Company Obligation (ECO)            Feed in Tariffs scheme            Renewable Heat Premium Payment            Zero Carbon Homes            Energy Performance Certificates (EPCs)</p>	<p>The Council signed a memorandum of understanding with Action Surrey. They provide an advice service in partnership with all the Surrey local authorities. This enables a county-wide approach and a more specialised advice and promotional service.</p> <p>Action Surrey on behalf of the partnership have won Green Deal Communities funding. The Streets Ahead Project is detailed in the Annex to this report, relating to Surrey-wide initiatives. One of the hub areas for the project is in Guildford and we have worked with our partners to promote and implement this scheme.</p> <p>Guildford Borough Council also worked with partner authorities in Surrey and Hampshire to bid for Green Deal Communities funding to target park homes. The bid was unsuccessful but from the partnerships built we were unable to promote the Green Deal Home Improvement Fund through an installer. The lack of consistency of a national grant offer has been a barrier to pushing these schemes forward, nonetheless we have had some successes in installing insulation to park homes and attracting ECO funding to some of these projects.</p> <p>At the request of the Surrey Energy and Sustainability Partnership (SESP), of which Guildford is an active member, Action Surrey and Surrey County Council purchased EPC records for Surrey and commissioned BRE to model the entire housing stock within the county.</p> <p>The data has been be used to target community engagement and promotional activity to drive take-up of energy efficiency improvements particularly through Streets Ahead. It will help target homeowners that could benefit from the Green Deal and/or ECO.</p>
<p>Zero Carbon Homes</p>	<p>The Council required residential developments of one or more gross units to achieve as a minimum Code for Sustainable Homes Level 3, prior to this becoming national requirement through the building regulations. Existing planning policies require developers to achieve a 10 per cent reduction in carbon emissions through the use of on site low and zero carbon technologies.</p>

## HECA further report 2013 - 2015:

<p>Fuel Poverty Funding</p> <p>Surrey Healthy Homes</p> <p>Energy and money advice</p>	<p>Guildford Borough Council worked on a healthy homes project to tackle fuel poverty and energy efficiency, in partnership with Surrey County Council, Action Surrey, and local voluntary groups . The partnership spent £550,000 of Department of Health funding. This was used to help reach the most vulnerable in the county and provide them with support in keeping warm in winter. This included boiler repairs and small energy efficiency measures installed through the Council's handyperson service. Further funding was obtained to extend these 'energy makeovers' in 2014/15.</p> <p>A money advice scheme has been established in conjunction with Citizens Advice Bureau (CAB) to assist householders experiencing fuel poverty. The Council has a money advisor who also offers fuel poverty advice to our tenants.</p>
<p>Home Improvement Policy</p> <p>Home Improvement Assistance</p> <p>Renewable Technology Loan</p> <p>Home Trust Loan</p>	<p>Guildford Borough Council has retained discretionary assistance to householders:</p> <p>The Council has assisted many households with money towards energy efficiency improvements including insulation, boiler replacements</p> <p>The Council offered interest free loans to install renewable technologies in residential properties. The loan is interest free and repaid over five years. The maximum loan per measure is £3,000.</p> <p>The Council established a subsidised home trust loan scheme in conjunction with Parity Trust to assist householders with improving housing conditions and reduce energy use.</p>
<p>Council housing stock</p>	<p>We have surveyed some 70 per cent of our stock and have a reliable picture of the overall condition of the stock, together with an investment profile over the next thirty years.</p> <p>94.6 per cent of council homes meet the decent home standard; only 272 properties do not meet the standard. To meet the decent home standard, a home must meet minimum safety standards for housing, be in a reasonable state of repair and have modern facilities and services.</p> <p>98 per cent of homes now have double glazed windows. The only properties remaining are Locally Listed and listed properties that are currently going through the planning process to obtain consent for their replacement.</p>

## HECA further report 2013 - 2015:

	<p>There is an ongoing focus on measures to increase the energy efficiency of homes. Since the last HECA further report;</p> <ul style="list-style-type: none"> <li>• 39 properties have been fitted with double glazing</li> <li>• 167 properties have been re-roofed. The work to re-cover the roof also includes improving the thermal insulation properties of the roof and topping up the insulation levels to current building regulation standards.</li> <li>• 815 homes have been fitted with new 'A' rated condensing boilers and upgraded heating systems to meet Part L1 building regulations.</li> </ul> <p>The council has built 3 new homes for Affordable Rent in Wyke Avenue, these have been built to code for sustainable homes level 4 and have integrated solar photovoltaic panels and waterbutts.</p>
Community events	<p>The Council regularly attends community events across the borough (roadshows, farmers markets and village fetes) to help raise awareness of energy saving at home and provide advice and information.</p> <p>The council has helped to promote government initiatives like Big Energy Saving Week and the Green Deal and ECO through roadshows, workshops, presentations and the media.</p> <p>The council has worked with local partners to help raise awareness of fuel poverty and assist local residents with their fuel bills. An Open ecohomes events were held in 2013 and 2014 to promote energy saving and renewable technologies.</p> <p>The council has worked with partners at Surrey Lifelong Learning Partnership, running outreach courses to improve IT skills. In these sessions attendees learnt how to understand their bills and use the price comparison website to switch utility suppliers.</p>
Home Improvement Agency	<p>The in-house Home Improvement agency (Guildford and Waverley Care and Repair) provided support to householders living in cold homes or suffering fuel poverty. Caseworkers provide energy and money advice, and support householders to access all grant assistance.</p>



## HECA further report 2013 - 2015:

Thermal imaging camera loan	The Council has run 4 free thermal imaging camera training sessions and set up a loan scheme for local residents and community groups. Over 180 local residents have benefitted from the thermal imaging camera loan scheme.
Energy monitors in libraries	The Council provided a free energy monitor loan scheme to local residents through Surrey libraries.
Collective Switching	We promoted a Surrey wide collective switching campaign called Surrey Switch and Save.
Renewable energy mapping Study	The council commissioned a Renewable Energy Mapping exercise from the Centre for Sustainable Energy. This identifies the best renewable energy opportunities within the borough taking into account constraints that exist. It will inform both planners and our own investigations for renewable energy opportunities.
Aerial thermal imaging survey	The council, in partnership with the University of Surrey, have commissioned an aerial thermal imaging survey of the borough. This was completed in January 2015

## HECA further report 2013 - 2015: Future plans

<b>ii) Measures we are taking to result in significant energy efficiency improvements of our residential accommodation.</b>		
Green Deal and Energy Company Obligation (ECO)	<p>The Council will continue to signpost householders to Action Surrey, Surrey's local energy advice service for all queries concerning Green Deal and ECO.</p> <p>We will work with Action Surrey to promote the Green Deal communities 'Streets Ahead' project to deliver installation solid wall insulation. We hope to build on this work to further promote energy efficiency measures, utilising Action Surreys access to housing stock data.</p>	Ongoing
Feed in Tariffs scheme	We will continue to signpost and provide advice to householders about the Feed in Tariff scheme and renewable electricity generating technologies.	Ongoing
Renewable Heat Incentive	We will continue to signpost and provide advice to householders about the Renewable Heat generating technologies and the Renewable Incentive scheme. We will continue to offer a renewable interest free loans to private sector residents.	Ongoing
Zero Carbon Homes	The Housing Strategy proposes that the code level required for sustainable homes will be reviewed periodically.	2015 - 2020
Minimum Energy Performance requirements	<p>The Energy Act requirements for minimum energy ratings are likely to be enacted during the next HECA reporting period.</p> <p>We will review our enforcement policy in relation to these powers once the relevant regulations are published.</p> <p>In the meantime the Council, working with partners from local education providers, landlords and agents will set up a landlord accreditation scheme. We propose that energy efficiency measures form a part of the scheme.</p>	2015 - 2018

## HECA further report 2013 - 2015: Future plans

Public health	<p>Guildford Borough Council, in partnership with Surrey County Council and Action Surrey, has set up a group to coordinate action on seasonal health, including excess winter deaths.</p> <p>The housing study group, which Guildford Borough Council participate in, will operate as a sub group and feed into this group to ensure that housing issues are considered.</p> <p>With our partners the Health and Wellbeing Board will review its priorities. We will ensure that housing and fuel poverty issues, which closely interlink with home energy, are considered as part of this review.</p>	Ongoing
Fuel Poverty	<p>We will work with our partners to implement the Energy Act and other national schemes to reduce fuel poverty in the borough.</p>	
Home Improvement Policy	<p>The General Fund includes provision of £600,000 per annum to raise housing standards in the private sector. This includes funding to deliver a mandatory and discretionary grant programme (including energy efficiency measures).</p>	2015 - 2020
Home Improvement Agency	<p>The in-house Home Improvement agency provides support to householders living in cold homes or suffering fuel poverty. Caseworkers provide energy and money advice, and support householders to access all grant assistance.</p> <p>We have successfully bid for funding from Foundations to provide energy efficiency measures across Guildford and Waverley</p>	Ongoing
Social housing	<p>The Council, through its Housing Revenue Account (HRA), will reduce the number of properties failing to meet the Decent Homes standard – a minimum standard that all socially rented homes must achieve. Our Housing Strategy sets a target of 99% decent homes. This includes to provide a reasonable degree of thermal comfort (effective insulation and efficient heating)</p> <p>Our Housing Strategy also reports that there is an ongoing focus on measures to increase the energy efficiency of homes, including to improve properties to the Guildford Standard.</p>	2015 - 2020

## HECA further report 2013 - 2015: Future plans

Social housing	<p>The Council will have built 62 homes to code for sustainable homes level 4 standard at Lakeside and New Road. And a further 30 units will be built to code for sustainable homes level 4 at Slyfield, Corporation club and at various garage sites.</p> <p>The council will also be scoping to build at least 50 homes to the same standards at Guildford Park carpark site.</p> <p>For new build we will investigate the feasibility of renewable and low carbon technologies in all high density new build schemes and review Council design guide for new build housing.</p>	
Community events	The Council will continue to deliver community events around the borough (roadshows, open ecohomes) to help raise awareness of energy saving at home, as well as providing advice and information.	Ongoing
Renewable technologies interest free loan	The Council offers interest free loans to private sector residents to help install renewable technologies in residential properties. The loan is interest free and repaid over five years. The maximum loan per measure is £3,000.	Ongoing
Thermal imaging camera loan	We offer a free thermal imaging camera loan scheme for local residents and community groups. Interested parties can borrow the camera for up to a week to help detect insulation defects, air leaks, electrical faults and moisture in their homes.	Ongoing
Energy monitors in libraries	The Council continues to provide a free energy monitor loan scheme to local residents through a partnership with Surrey libraries.	Ongoing
Use of data	<p>We will analyse and use the data from a Guildford borough wide aerial thermal imaging.</p> <p>Through our membership of the Surrey Energy and Sustainability partnership Action Surrey and Surrey County Council purchased EPC records for Surrey and commissioned BRE to model the entire housing stock within the county.</p> <p>The two sets of data will help target homeowners that could benefit from the Green Deal / ECO or other sources of funding or advice.</p>	

## HECA further report 2013 - 2015: Future Plans

<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>		
Green Deal Communities Fund	<p>The Council will continue to promote and work with our partners across Surrey to deliver the Streets Ahead project. The scheme is detailed further in the annex to this report.</p> <p>We will explore expanding the scheme to park home sites, using an area based approach.</p>	
Thermal imaging survey	<p>The Council commissioned a thermal imaging survey of the borough, which was carried out in 2015. Once the thermal imaging data is available and converted into a GIS (Geographical Information System) layer, it will be available on the Council's website. The data will provide an indication of the relative thermal performance and efficiency of properties in the borough.</p> <p>Residents will also be able to compare the efficiency of their property with that of their neighbours and find out what they can do to improve the energy efficiency of their home.</p> <p>Action Surrey and Surrey County Council purchased EPC records for Surrey and commissioned BRE to model the entire housing stock within the county.</p> <p>The two sets of data will help identify area-based approaches for energy efficiency improvement measures in homes. We anticipate that this will help target homeowners that could benefit from the Green Deal ECO or other sources of funding or advice.</p> <p>This will help tackle fuel poverty in areas where this has been identified as an issue from the data we have, including some rural areas.</p>	2015

## HECA further report 2013 - 2015: Future Plans

<b>iv) Time frame for delivery and national and local partners.</b>		
Action Surrey	Action Surrey are our delivery partner for providing impartial advice to residents to assist them with improving the energy efficiency of their homes. Further details on this Surreywide partnership are detailed in the annex to this report.	Ongoing
Surrey Energy and Sustainability Partnership (SESP)	Guildford Borough Council is a member of SESP and actively participates in the group. The partnership brings together officers from across the Local Authorities of Surrey together with Action Surrey to facilitate joint working to address climate change issues. The group has a particular focus on domestic energy efficiency, decentralised generation from renewable resources and opportunities for joined-up action on our own estates. Further details on this Surreywide partnership are detailed in the annex to this report.	Ongoing
South East Carbon Action Network	The Council links into the South East Carbon Action Network to share knowledge on reducing domestic-sector carbon footprint and tackling fuel poverty across the region.	Ongoing
Citizens Advice Bureau (CAB)	The Council works with and helps to fund the local CABs (Ash and Guildford) to help provide free, independent, confidential and impartial advice on managing fuel bills to local residents.	Ongoing
Parity Trust	The Council works with the Parity Trust who has designed the Home Trust Loan for home owners who require financial assistance in order to carry out essential works to their properties	Ongoing
Public Health Team Health and Wellbeing Board  Seasonal Health Group	The Council works with the Health and Wellbeing Board and Public Health Team on health and wellbeing, including the health impacts of housing (which links to energy issues).  We will be working with these partners through the seasonal health group and the housing study group to ensure that housing issues are considered as part of the wider public health agenda.	Ongoing

## HECA further report 2013-15: Appendix – Surrey-wide initiatives

ACTION	DELIVERY	TIME-FRAME FOR DELIVERY										
<b>i) LOCAL ENERGY EFFICIENCY AMBITIONS; PRIORITIES</b>												
	<p>Guildford Borough Council is part of the Surrey Energy and Sustainability Partnership (SESP)</p> <p>Originally called the Surrey Climate Change Partnership, in 2014 this group was reconstituted into the Surrey Energy and Sustainability Partnership. Its draft strategy prioritises the following:</p> <ul style="list-style-type: none"> <li>• To help residents to save money and cut carbon emissions.</li> <li>• To help improve the competitiveness of local businesses by improving energy efficiency and lowering energy costs.</li> <li>• To increase awareness in schools to the possible measures and the benefits of energy efficiency.</li> <li>• To address energy efficiency within our own estates.</li> <li>• To consider energy from local renewable resources.</li> </ul> <p>SESP has commissioned Thamesway Sustainable Communities Ltd. to deliver a partnership project ('Action Surrey'), to provide an impartial local energy advice service for the whole of Surrey. Action Surrey has been operating since 2009 and co-ordinates a trusted installer network utilising wherever possible local installers to improve the energy efficiency of homes and premises. Referrals for Green Deal and ECO are generated via council call centres and traditional offline and online marketing activity.</p> <p>Action Surrey's 5 year plan include the following original targets</p> <table border="1" data-bbox="600 1134 1787 1345"> <thead> <tr> <th>Targets</th> <th>Planned Outcomes</th> </tr> </thead> <tbody> <tr> <td>1250 Green Deal Plan</td> <td>1000 vulnerable households helped</td> </tr> <tr> <td>1200 ECO funded energy improvements</td> <td>£1M energy bill savings</td> </tr> <tr> <td>1300 householder up-front funded energy improvements</td> <td>100,000 lifetime tones of CO2 saved</td> </tr> <tr> <td></td> <td>£1.5M value in supply chain</td> </tr> </tbody> </table>	Targets	Planned Outcomes	1250 Green Deal Plan	1000 vulnerable households helped	1200 ECO funded energy improvements	£1M energy bill savings	1300 householder up-front funded energy improvements	100,000 lifetime tones of CO2 saved		£1.5M value in supply chain	2013 - 2015
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## HECA further report 2013-15: Appendix – Surrey-wide initiatives

ii) GREENHOUSE GAS EMISSIONS								
	<p>In 2012 Guildford Borough's carbon dioxide emissions from the domestic sector (electricity, gas and other fuels) was 331.9 ktonnes in total.</p> <p>The total reduction for Surrey in CO<sub>2</sub> from 2005 – 2012 was 156 ktonnes or 0.136 ktonnes per capita.</p> <p>Data is from the DECC Local and Regional CO<sub>2</sub> Emissions Estimates for 2005-2012  <a href="https://www.gov.uk/government/statistics/local-authority-emissions-estimates">https://www.gov.uk/government/statistics/local-authority-emissions-estimates</a></p>							
	<table border="1"> <thead> <tr> <th colspan="2">Greenhouse Gas Emissions Estimates kt CO<sub>2</sub></th> </tr> <tr> <th>Surrey 2012</th> <th>Guildford Borough 2012</th> </tr> </thead> <tbody> <tr> <td>2,867.3</td> <td>331.9</td> </tr> </tbody> </table>		Greenhouse Gas Emissions Estimates kt CO <sub>2</sub>		Surrey 2012	Guildford Borough 2012	2,867.3	331.9
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<table border="1"> <thead> <tr> <th colspan="2">Actual lifetime CO<sub>2</sub> tonnes saved through installed measures by Action Surrey Activity</th> </tr> <tr> <th>Surrey 1 Jan 2013 – 31 Dec 2014</th> <th>Guildford Borough 1 Jan 2013 – 31 Dec 2014</th> </tr> </thead> <tbody> <tr> <td>13041.9</td> <td>2353.6</td> </tr> </tbody> </table>		Actual lifetime CO <sub>2</sub> tonnes saved through installed measures by Action Surrey Activity		Surrey 1 Jan 2013 – 31 Dec 2014	Guildford Borough 1 Jan 2013 – 31 Dec 2014	13041.9	2353.6	
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iii) FUEL POVERTY / PUBLIC HEALTH								
	<p>Under the new definition of fuel poverty, <b>Low Income High Cost</b>, a household is considered to be fuel poor where:</p> <ul style="list-style-type: none"> <li>• they have required fuel costs that are above average (the national median level)</li> <li>• were they to spend that amount, they would be left with a residual income below the official poverty line.</li> </ul>							



## HECA further report 2013-15: Appendix – Surrey-wide initiatives

7.2% (35,005) of Surrey households are considered to be in fuel poverty (BRE Housing Stock Appraisal for Surrey 2014). In the South East the proportion of households who are fuel poor is 7.8%.

<b>Guildford Borough</b>	<b>2012 (LIHC)</b>
Estimated number of households in the borough	53,917
Estimated number of households in fuel poverty	4,306
% Fuel poor	8.0

The highest incidences of fuel poverty are the rural wards of Pilgrims (24%) and Tillingbourne (21%) in Guildford.

### **Percentage of dwellings in Surrey estimated to be in fuel poverty by local authority and by tenure (BRE Housing Stock Appraisal 2014)**

% owner Occupied	% private Rented	% of social	% of all stock
6.1	16.3	8.5	8.4

Data is from DECC Fuel Poverty Statistics 2012 under 10% indicator

<https://www.gov.uk/government/statistics/fuel-poverty-subregional-data-under-10-indicator>

Data under LIHC indicator

<https://www.gov.uk/government/statistics/2012-sub-regional-fuel-poverty-data-low-income-high-costs-indicator>

## HECA further report 2013-15: Appendix – Surrey-wide initiatives

	<p>Action Surrey and Guildford Borough Council aim to support Surrey’s Health &amp; Well Being Strategy and wider local strategic priorities, on issues such as housing, health and poverty, through housing strategies/corporate plans. From 2015, Action Surrey will support the new Fuel Poverty Strategy for England, which sets an ambition that as many fuel poor homes as reasonably practicable achieve a B and C energy efficiency standard by 2030.</p> <p>We aim to provide access to affordable warmth through local initiatives which will contribute to reducing levels of fuel poverty in the borough/district. From 2015 Action Surrey will utilise opportunities presented by the NICE Excess Winter Deaths and Illnesses Associated With Cold Homes Guidelines <a href="http://www.nice.org.uk/guidance/ng6">http://www.nice.org.uk/guidance/ng6</a> and Cold Weather Plan.</p>											
<p><b>iv) MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMMODATION</b></p>												
<p><b>GREEN DEAL/ECO</b></p>	<p>Action Surrey and Guildford Borough Council will continue to take advantage of any government initiatives appearing through ECO and Green Deal for energy efficient measures and tackling fuel poverty.</p> <p>The following schemes/measures have been completed to reduce carbon emission and fuel poverty during the period 1 Jan 2013 – 31 Dec 2014:</p> <table border="1" data-bbox="600 994 1368 1238"> <thead> <tr> <th>Scheme Name</th> <th>Private Sector</th> </tr> </thead> <tbody> <tr> <td>Loft Insulation</td> <td>38</td> </tr> <tr> <td>Cavity Wall Insulation</td> <td>39</td> </tr> <tr> <td>External/Internal wall insulation</td> <td>8</td> </tr> <tr> <td>Heating</td> <td>48</td> </tr> </tbody> </table> <p>Action Surrey also delivered successful funding bids during this period. Pioneer Places funding was awarded by DECC in 2013 to promote the take up of Green Deal in Surrey and to kick start a</p>	Scheme Name	Private Sector	Loft Insulation	38	Cavity Wall Insulation	39	External/Internal wall insulation	8	Heating	48	<p>1 Jan 2013 – 31 Dec 2014</p>
Scheme Name	Private Sector											
Loft Insulation	38											
Cavity Wall Insulation	39											
External/Internal wall insulation	8											
Heating	48											

## HECA further report 2013-15: Appendix – Surrey-wide initiatives

	<p>Green Deal Partnership Scheme. It included a comprehensive marketing strategy and development of a street by street roll out. In particular, off grid properties and those with solid walls were identified, private sector landlords were targeted and residents across Surrey engaged through community events. A consortium representing all Surrey local authorities has also received funding through DECC's Green Deal Communities Fund to roll out a street by street solid wall insulation project, under the banner of 'Streets Ahead'. This project, which is being delivered by Action Surrey, is offering a grant to fit internal or external wall insulation and promote take up of Green Deal funding. The Department of Health also awarded funding to the Surrey Healthy Homes Partnership to support local authorities to reduce the levels of deaths and illness that are due to vulnerable people living in cold housing.</p>									
<p><b>RENEWABLE/SUSTAINABLE ENERGY</b></p> <p>Feed in Tariffs scheme Renewable Heat Incentive</p>	<p>The following renewable energy schemes have been completed during the period 1 Jan 2013 – 31 Dec 2014</p> <table border="1" data-bbox="600 751 1675 858"> <thead> <tr> <th data-bbox="600 751 860 820">Local Authority</th> <th data-bbox="860 751 1279 820">Domestic Solar PV installations 2010 - 2013</th> <th data-bbox="1279 751 1413 820">2014</th> <th data-bbox="1413 751 1675 820">Increase</th> </tr> </thead> <tbody> <tr> <td data-bbox="600 820 860 858">Guildford</td> <td data-bbox="860 820 1279 858">807</td> <td data-bbox="1279 820 1413 858">1061</td> <td data-bbox="1413 820 1675 858">254</td> </tr> </tbody> </table>	Local Authority	Domestic Solar PV installations 2010 - 2013	2014	Increase	Guildford	807	1061	254	<p>1 Jan 2013 – 31 Dec 2014</p>
Local Authority	Domestic Solar PV installations 2010 - 2013	2014	Increase							
Guildford	807	1061	254							
<p><b>v) MEASURES WE PROPOSE TO COST EFFECTIVELY DELIVER ENERGY EFFICIENCY IMPROVEMENTS IN RESIDENTIAL ACCOMMODATION BY USING AREA BASED/STREET BY STREET ROLL OUT.</b></p>										
	<p>We aim to introduce innovative ideas that will assist householders to reduce carbon emission, eliminate fuel poverty and provide behavioral changes, using energy more efficiently. These include:</p> <ul style="list-style-type: none"> <li>• Work with Clinical Commissioning Groups to Increase referrals from front line professionals and to support the case for additional local funding, boiler on prescription schemes and other types of energy on prescription schemes (a pioneer scheme commenced in November 2014)</li> <li>• Complete delivery of external wall insulation for 500 homes across Surrey</li> <li>• Area based Park Homes insulation projects where applicable</li> <li>• Low Carbon Communities programme -, a three year programme with the aim of supporting community action on energy advice and behavior change through the</li> </ul>	<p>2014 - 2015</p>								

## HECA further report 2013-15: Appendix – Surrey-wide initiatives

	<p>development of a vibrant network (including an online community) of local residents, community groups/ community buildings, community energy champions, volunteers, fuel poor/vulnerable consumers and business communities.</p> <ul style="list-style-type: none"><li>• Development of a comprehensive housing stock database and targeting toolset. BRE was commissioned by SESP in 2014 to undertake a Surrey Housing Stock Appraisal, the purpose being to enable the identification of fuel poor vulnerable households and priority streets for carbon saving opportunities. SESP provided Energy Performance Certificate (EPC) and Local Land and Property Gazetteer (LLPG) data and, as a result, 162,766 addresses have had their imputed energy characteristics replaced with observed characteristics from the EPC data for the purposes of the energy model. The use of this observed data will lead to more accurate energy models for these 162,766 cases, which account for 33% of the stock in Surrey.</li></ul>	
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Signature:



Signed off by: Edward Wainhouse

Position: Private Sector Services Manager