

Home Energy Conservation Act 1995 – Spelthorne Borough Council two yearly update report 1 Jan 2015 – 31 Dec 2016.

ACTION	DELIVERY	TIME-FRAME FOR DELIVERY				
<p><b>i) LOCAL ENERGY EFFICIENCY AMBITIONS ; PRIORITIES</b></p>	<p>Spelthorne Borough Council has committed to Surrey Energy and Sustainability Partnership (SESP)</p> <p>The previous 2012-2014 HECA report was drawn up on behalf of the local authorities who formed the Surrey Climate Change Partnership. In 2014 this group was reconstituted into the Surrey Energy and Sustainability Partnership. Its 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 are also currently in discussions with all partner districts and boroughs, including Spelthorne Borough Council, to develop a Statement of Intent for Surrey County in order to put forward declarations to energy suppliers for ECO Flexible Eligibility funding for residents in fuel poverty.</p> <p>Action Surrey's 5 year plan include the following original targets</p> <table border="1" data-bbox="1294 264 1396 1659"> <thead> <tr> <th data-bbox="1294 958 1326 1659">Targets</th> <th data-bbox="1294 264 1326 958">Planned Outcomes</th> </tr> </thead> <tbody> <tr> <td data-bbox="1326 958 1396 1659">Local Authority-funded energy efficiency improvements</td> <td data-bbox="1326 264 1396 958">Helping vulnerable and fuel poor households</td> </tr> </tbody> </table>	Targets	Planned Outcomes	Local Authority-funded energy efficiency improvements	Helping vulnerable and fuel poor households	2015-2017
Targets	Planned Outcomes					
Local Authority-funded energy efficiency improvements	Helping vulnerable and fuel poor households					

ECO funded energy improvements	Energy bill savings for domestic properties
Householder funded energy improvements	Lifetime tonnes of CO2 saved
	Bringing business to the local supply chain

**ii) GREENHOUSE GAS EMISSIONS**

In Spelthorne the most recently published level of carbon emissions from the domestic sector is 168.2 ktonnes in total, or 1.7 tonnes per capita CO<sub>2</sub> emissions

The total reduction for Surrey in CO<sub>2</sub> from 2005 – 2014 was 730 kt or 0.9 tonnes per capita.

Data from the DECC Local and Regional CO<sub>2</sub> Emissions Estimates for 2005-2014 [www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-2014](http://www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-2014)

<b>Greenhouse Gas Emissions Estimates kt CO<sub>2</sub></b>	
Surrey 2014	Spelthorne Borough Council 2014
2,258.1	168.2

**Actual lifetime CO<sub>2</sub> tonnes saved through installed measures by Action Surrey Activity**

Surrey 1 Jan 2015 – 31 Dec 2016	Spelthorne Borough Council 1 Jan 2015 – 31 Dec 2016
39,342.75	4,785.2

**iii) FUEL POVERTY / PUBLIC HEALTH**

Under the new definition of fuel poverty, **Low Income High Cost**, a household is considered to be fuel poor where:

- they have required fuel costs that are above average (the national median level)
- were they to spend that amount, they would be left with a residual income below the official poverty line.

7.2% (35,005) of Surrey households are considered to be in fuel poverty (BRE Housing Stock Appraisal for Surrey 2014).

<b>Spelthorne Borough Council</b>	<b>2014 (LIHC)</b>	<b>2014 (BRE)</b>
Estimated number of households in the borough	40,858	41,810
Estimated number of households in fuel poverty	2,870	2,567
% fuel poor	7	6

Data from DECC Fuel Poverty Statistics 2014 under 10% indicator <https://www.gov.uk/government/statistics/2014-sub-regional-fuel-poverty-data-low-income-high-costs-indicator>

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

We aim to support Surrey's Health & 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 has supported 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.

We aim to provide access to affordable warmth through local initiatives which will contribute to reducing levels of fuel poverty in the borough/district. Since 2015 Action Surrey has utilised opportunities presented by the NICE Excess Winter Deaths and Illnesses Guidelines and Cold Weather Plan.

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

**GREEN DEAL/ECO**

Action Surrey and Spelthorne 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.

The following measures have been installed to reduce carbon emission and fuel poverty during the period 1 Jan 2015 – 31 Dec 2016:

Scheme Name	Social	Private Sector
Loft Insulation	1	30
Cavity Wall Insulation	0	30
External/Internal wall insulation	0	61
Heating	0	6

1 Jan 2015 –  
31 Dec 2016

A consortium representing all Surrey local authorities has 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 was delivered by Action Surrey, offered a grant to fit internal or external wall insulation and promote take up of Green Deal funding. The project was one of the most successful GDC schemes, with 464 properties insulated across the county upon its closure in September 2016. Part of the funding for this also contributed to the Low Carbon Communities (LCC) project, which has provided energy audits, community engagement and grants towards installing energy efficiency measures for community groups/buildings across the county. 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. Action Surrey has successfully delivered two Healthy Homes projects in two different Clinical Commissioning Groups within the county, aimed at identifying where energy efficiency measures could be an effective intervention to reduce the risks of illness as a result of a cold home. Within Spelthorne, the Healthy Home project being run by Action Surrey has so far generated 26 referrals, many of which have subsequently been assessed and quoted for energy efficiency measures to be funded by Spelthorne Borough Council.

In addition to Action Surrey's activity, two additional replacement boilers were installed through a scheme run by British Gas during the summer of 2016, using funding from the Home Heating Cost Reduction Obligation (HHCRO) programme.

Within Spelthorne two other funding programmes are also being run currently in addition to Action Surrey:

- Happy Energy are running an ECO scheme within the borough, which so far has generated 70 referrals,
- Warm Zones are running the second phase of the Healthy Homes project, which is in the early days and has so far generated 4 referrals. This scheme is specifically targeting the only Lower

Layer Super Output Area (LSOA) in Spelthorne – Stanwell.

Signature: 

Signed off by: JACKIE TAYLOR

Position: GROUP HEAD NEIGHBOURHOOD SERVICES .

