

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

ACTION	DELIVERY	TIME-FRAME FOR DELIVERY						
i) LOCAL ENERGY EFFICIENCY AMBITIONS : PRIORITIES								
<p>Epsom & Ewell 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"> • To help residents to save money and cut carbon emissions, • To help improve the competitiveness of local businesses by improving energy efficiency and lowering energy costs. • To increase awareness in schools to the possible measures and the benefits of energy efficiency. • To address energy efficiency within our own estates • To consider energy from local renewable resources <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 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 Epsom & Ewell 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"> <thead> <tr> <th data-bbox="264 584 296 696">Targets</th><th data-bbox="264 696 296 1272"></th><th data-bbox="264 1272 296 1957">Planned Outcomes</th></tr> </thead> <tbody> <tr> <td data-bbox="193 584 264 696">Local Authority-funded improvements</td><td data-bbox="193 696 264 1272">energy efficiency</td><td data-bbox="193 1272 264 1957">Helping vulnerable and fuel poor households</td></tr> </tbody> </table>	Targets		Planned Outcomes	Local Authority-funded improvements	energy efficiency	Helping vulnerable and fuel poor households	2015-2017	
Targets		Planned Outcomes						
Local Authority-funded improvements	energy efficiency	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													
<p>In Epsom & Ewell the most recently published level of carbon emissions from the domestic sector is 141.8 ktonnes in total, or 1.81 tonnes per capita CO₂ emissions</p> <p>The total reduction for Surrey in CO₂ from 2005 – 2014 was 730 kt or 0.9 tonnes per capita.</p> <p>Data from the DECC Local and Regional CO₂ Emissions Estimates for 2005-2014 www.gov.uk/government/statistics/uk-local-authority-and-regional-carbon-dioxide-emissions-national-statistics-2005-2014</p> <table><tr><th colspan="2">Greenhouse Gas Emissions Estimates kt CO2</th></tr><tr><td>Surrey 2014</td><td>Epsom & Ewell Borough Council 2014</td></tr><tr><td>2,258.1</td><td>141.8</td></tr></table> <p>Actual lifetime CO2 tonnes saved through installed measures by Action Surrey Activity</p> <table><tr><td>Surrey 1 Jan 2015 – 31 Dec 2016</td><td>Epsom & Ewell Borough Council 1 Jan 2015 – 31 Dec 2016</td></tr><tr><td>39,342.75</td><td>2,055.8</td></tr></table>				Greenhouse Gas Emissions Estimates kt CO2		Surrey 2014	Epsom & Ewell Borough Council 2014	2,258.1	141.8	Surrey 1 Jan 2015 – 31 Dec 2016	Epsom & Ewell Borough Council 1 Jan 2015 – 31 Dec 2016	39,342.75	2,055.8
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iii) FUEL POVERTY / PUBLIC HEALTH													
<p>Under the new definition of fuel poverty, Low Income High Cost, a household is considered to be fuel poor where:</p> <ul style="list-style-type: none">• 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)

Epsom & Ewell Borough Council	2014 (LIHC)	2014 (BRE)
Estimated number of households in the borough	30,783	31,373
Estimated number of households in fuel poverty	2,275	2,065
% Fuel poor	7.4	7

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 Epsom & Ewell Borough Council will continue to take advantage of any government initiatives appearing through ECO 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	Private Sector
Loft Insulation	22
Cavity Wall Insulation	12
External/Internal wall insulation	23
Heating	4

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.

1 Jan 2015 –
31 Dec 2016

Signature:



Signed off by:

ROD BROWN

Position:

HEAD OF HOUSING & COMMUNITY, ERSOM & EWEAL BC