

Home Energy Conservation Act 1995 – Woking 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>Woking 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 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 Woking 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>	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

	<p>In Woking the most recently published level of carbon emissions from the domestic sector is 180.1 ktonnes in total, or 1.8 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 border="1"> <thead> <tr> <th colspan="2">Greenhouse Gas Emissions Estimates kt CO₂</th> </tr> <tr> <th>Surrey 2014</th> <th>Woking Borough 2014</th> </tr> </thead> <tbody> <tr> <td>2,258.1</td> <td>180.1</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Actual lifetime CO₂ tonnes saved through installed measures by Action Surrey Activity</th> </tr> <tr> <th>Surrey 1 Jan 2015 – 31 Dec 2016</th> <th>Woking Borough 1 Jan 2015 – 31 Dec 2016</th> </tr> </thead> <tbody> <tr> <td>39,342.75</td> <td>5,043.35</td> </tr> </tbody> </table> <p>Woking Borough Council's existing commitments and strategic documentation are encapsulated within the Council's Climate Change Strategy, Woking 2050. This takes forward the Council's commitments in this area of work: www.woking.gov.uk/environment/climate/woking2050</p>	Greenhouse Gas Emissions Estimates kt CO₂		Surrey 2014	Woking Borough 2014	2,258.1	180.1	Actual lifetime CO₂ tonnes saved through installed measures by Action Surrey Activity		Surrey 1 Jan 2015 – 31 Dec 2016	Woking Borough 1 Jan 2015 – 31 Dec 2016	39,342.75	5,043.35
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The Council is a signatory of the Local Government Association's Climate Local initiative and is a member of ICLEI Local Governments for Sustainability, the European network of local authorities that looks to promote climate change and sustainability awareness and action. See www.local.gov.uk/climate-local and www.woking.gov.uk/environment/climate/Greeninitiatives/ <http://www.woking.gov.uk/environment/climate/Greeninitiativeslearning>

Woking Borough Council's priorities for the Borough are:

People – A healthy, inclusive and engaged community.

Places – An enterprising, vibrant and sustainable place.

Us – An innovative, proactive and effective Council.

See www.woking.gov.uk/council/about/vision

In parallel to this vision, the Council views its priorities as delivering effective action and positive change across the following areas:

- Decent and affordable housing.
- The environment.
- Health and well-being.
- The local economy.

New Vision Homes (NVH) manages the Council's Housing Stock. NVH priorities include:

- Cleaner, greener neighbourhoods.
- Strengthening communities and supporting residents.
- Quality homes (including improving the energy rating of homes amongst other measures).
- Safer communities.
- Well-being in Woking.

www.nvhwoking.co.uk/

For residents that own or privately rent their home and satisfy certain eligibility criteria, Homelink can offer independent and impartial advice on how to stay safe, warm and secure in their homes.

www.woking.gov.uk/housing/services/homelink

The Council can also provide advice and assistance with private sector housing improvements in partnership with Action Surrey. See above and www.woking.gov.uk/housing/landlords

Woking Borough Council can use the following tools in order to assist in targeting home energy efficiency and affordable warmth:

- New Vision Homes Housing Stock Condition Surveys
- Planning
- Data such as Action Surrey's BRE Housing Stock Appraisal
- Council Tax mailings
- Woking Magazine
- Woking Borough Council website
- Homelink and Handyperson service
- New Vision Homes repairs service
- Private Sector Landlord liaison.

iii) FUEL POVERTY / PUBLIC HEALTH

Under the 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).

Woking Borough Council	2014 (LIHC)	2014 (BRE)
Estimated number of households in the borough	40,798	41,367
Estimated number of households in fuel poverty	2,689	2,447
% fuel poor	6.6	6

Data from DECC Fuel Poverty Statistics 2014 under 10% indicator

	<p>https://www.gov.uk/government/statistics/2014-sub-regional-fuel-poverty-data-low-income-high-costs-indicator</p> <p>Data under LIHC indicator https://www.gov.uk/government/statistics/2014-sub-regional-fuel-poverty-data-low-income-high-costs-indicator</p> <p>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.</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. Since 2015 Action Surrey has utilised opportunities presented by the NICE Excess Winter Deaths and Illnesses Guidelines and Cold Weather Plan.</p> <p>Woking Borough Council’s Living Well initiative promotes, particularly to older residents, how they can live well and enjoy life now and in the future by adopting simple lifestyle habits that have positive effects on our physical and mental wellbeing. Publicity in 2016 highlighted how Action Surrey can help with</p> <ul style="list-style-type: none"> • Boiler servicing to avoid winter breakdowns • Boiler replacement • Cavity wall and loft insulation • Draught proofing to seal any gaps around windows and doors • Insulating hot water cylinders and pipes • Cheaper fuel bills • Accessing available grants. 	
iv) MEASURES WE ARE TAKING TO RESULT IN SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENTS OF OUR RESIDENTIAL ACCOMMODATION		
GREEN DEAL/ECO	<p>Action Surrey and Woking 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 measures have been installed to reduce carbon emission and fuel poverty during the period 1 Jan 2015 – 31 Dec 2016:</p>	1 Jan 2015

Scheme Name	Social	Private Sector
Loft Insulation	0	41
Cavity Wall Insulation	1	32
External/Internal wall insulation	7	52
Heating	0	3

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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.

From March 2017 onwards Action Surrey will also begin delivering a programme to alleviate fuel poverty in Woking Borough following the success of the GDC project. The project will engage with eligible residents using targeted marketing from the BRE housing stock database developed for Surrey and will provide grant funding towards the installation of measures such as insulation and boilers for those deemed 'fuel poor'. Ideally, this project will act as a pilot to a wider fuel poverty programme across Surrey County, as well as preparation for helping to deliver measures under ECO Flexible Eligibility. In addition to this Action Surrey will also be running an engagement programme within Woking Borough to encourage take-up of renewable technologies amongst those in the 'able to pay' bracket.

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.

RENEWABLE/SUSTAINABLE ENERGY

Feed in Tariffs scheme
Renewable Heat Incentive

The following renewable energy measures have been installed in Woking during the period 1 Jan 2015 – 31 Dec 2016 :

Scheme Name	Private Sector
Solar thermal (hot water)	1
Solar PV	2

Other renewable installs

Cumulative Domestic Solar PV installations

Local Authority	2010- 2014	2015	2016	increase 2015-2016
Woking	598	686	736	50

Sources: (a) 'Interactive Map Underlying Datasets', FiT page at www.gov.uk/government/statistics/guidance-on-how-to-use-the-interactive-maps (data to September 2016) and (b) 'Sub-regional feed in tariffs confirmed on the CFR statistics' at www.gov.uk/government/statistical-data-sets/sub-regional-feed-in-tariffs-confirmed-on-the-cfr-statistics (data to December 2016).

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Signature:

Signed off by:

Position: