

## **Current performance**

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### **Key facts**

#### Thermal efficiency of Homes in Greenwich

- The average Standard Assessment Procedure rating for Royal Greenwich owned housing stock is 69 (very energy efficient). This is 30% of all housing stock in the borough. This has increased from 52 in 2000.
- In 2002 the average SAP rating for all private houses including those owned by a Registered Social Landlord (RSL) was 47.
- In 2009 10% of private households had a SAP rating of below 35.

#### Carbon Dioxide (CO<sub>2</sub>) Emissions

- Domestic emissions are 436 kilotonnes per annum (ktpa) accounting for 38.2% of the borough total.
- Per capita emissions in Royal Greenwich have decreased from 5.6 tonnes per capita in 2005 to 5.3 tonnes per capita in 2010. Per capita domestic emissions are currently 1.9 tonnes.
- Royal Greenwich has set a borough wide CO<sub>2</sub> reduction target of 80% by 2050 based on a 2005 baseline. This is set out in the Climate Change Strategy which contains a range of actions to be taken to mitigate climate change, improve energy efficiency and reduce energy consumption under 13 workstreams.

#### Fuel Poverty

- 11.3% of households in the borough are considered to be in fuel poverty (Department of Energy and Climate Change Fuel poverty Statistics 2010)
- Our key methods of tackling fuel poverty are:
  - Improving the thermal efficiency of buildings
  - Increasing income levels
  - Reducing the cost of energy.

#### Cavity Wall and Loft Insulation

- In 2011/12 3,273 households (3.25%) in Greenwich had cavity wall insulation.
- In 2011/12 4,964 households (4.93%) in Greenwich had loft insulation (Department of Energy and Climate Change data).

#### Gas and Electricity Consumption

- Energy consumption per household in Greenwich has declined year on year from 3,980 kWh/year in 2005 to 3660 kWh/year in 2012 (Department of Energy and Climate Change Gas and Electricity Consumption Statistics 2005 - 2012)

## Current and planned future activity

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- Significant progress has already been made in this area through the Social Housing Energy Savings Programme, RE:NEW, Decent Homes, the Certified Emissions Reduction Target and Coldbusters.
- Planned future improvements to energy efficiency of housing in Royal Greenwich are summarised below. Delivery is coordinated by Officers in the Directorate of Regeneration, Enterprise and Skills and delivered by teams across the Council.
- Key elements of the approach in Royal Greenwich are:
  - Fuel Poverty Checklist

The Council has developed a checklist which enables a front line service to assess whether the household is living in or at risk of fuel poverty. This information is used to signpost households to one or more of the three work streams to alleviate fuel poverty and the data collected through the checklist is entered on a database that is used to targeted energy efficiency related resources. The checklist is being actively used within the key work streams and target groups being pursued under the anti-poverty strategy. It now needs to be rolled out to all frontline council services, Registered Providers and related health and voluntary sector organisations. Embedding the use of this checklist will help to ensure that households in fuel poverty are signposted to available services and resources.
  - Engagement and Advice on Energy Efficiency

Officers will continue to undertake awareness raising actions including:

    - Attendance at community events to provide advice on energy efficiency actions and available funding and other support.
    - Advice and signposting information on the Royal Greenwich website.
    - Advice, case studies and signposting information and articles in the Council newspaper Greenwich Time which is delivered weekly to 100,000 households in the borough.
  - The Big London Energy Switch

The Royal Borough of Greenwich is a member of the Big London Energy Switch. This is an energy purchasing cooperative whereby Greenwich residents can opt into a cooperative and the purchasing power achieved by the size of the cooperative means that lower prices may be secured from the suppliers. This scheme includes both credit meters and prepayment meters. A programme of marketing and community engagement is undertaken to promote the scheme, including via Greenwich Time newspaper which is delivered to every household in the borough, through frontline service teams, and through and with local voluntary and community groups.

○ Energy Efficiency Capital Programme

This programme will implement a basket of energy consumption reducing measures including boiler replacement, heating system improvements and voltage optimisation over a five year period, focusing on properties with lower than average energy efficiency and those in or at risk of fuel poverty. An 'opt in' arrangement will be explored to enable owner occupier and private rented properties to opt into a council run procurement framework and achieve the same prices achieved by the council for energy efficiency improvements.

○ Energy Company Obligation

The Energy Company is a scheme which requires energy suppliers to fund energy efficiency improvements to the domestic sector and is targeted at households that will be unable to access the Green Deal. It focuses on:

- The needs of the lower income and most vulnerable households;
- Properties needing measures that do not meet the Golden Rule (e.g. solid wall insulation).

A proposal will be developed to maximise Energy Company Obligation uptake across the borough (focusing on the most vulnerable households and those properties that are considered hard to treat due to their construction type).

○ Green Deal

Green Deal is a financing mechanism recently launched by Government that enables private firms to offer energy efficiency improvements to households and businesses at no upfront cost. The cost of the improvement work is repaid by the energy bill cost savings and the expected financial savings from any measure must be equal to or greater than the predicted energy bills. The repayment is attached to the property rather than being the responsibility of any individual. From April 2016 landlords will not be able to unreasonably refuse tenant requests to improve energy efficiency where financial support such as the Green Deal or Energy Company Obligation is available. A review of the role and impact the Green Deal could have for Council stock as well as the role the authority could pursue for residents as a whole will be conducted.

○ Support and Subsidies

Through its programmes the Council will work to maximise the opportunities arising from other Government support and subsidies including Feed in Tariffs and the Renewable Heat Incentive.

○ New Developments

Royal Greenwich planning policy for new build development currently includes a requirement that all affordable housing is constructed to Code for Sustainable Homes level 4. This requires a developer to achieve a minimum of 70 from a possible 100 credits for a range of sustainable housing indicators including energy efficiency.

o Greenwich Homes Standard

A Greenwich Homes Standard will be produced. This is a document that will set out the standard at which Royal Borough of Greenwich housing stock will be maintained and which will allow future investment to its housing stock to be prioritised and targeted.

**Support Pathways - All Tenures**

**DEDICATED HELPLINE & EMAIL ADDRESS TO RBG TEAM (Sustainability & Renewal)**

Advice and referral to external programmes  
**Contact: 020 8921 5331 / energy-efficiency@royalgreenwich.gov.uk**

**ENERGY SAVING TRUST**

Advice on energy saving and sources of funding  
**Contact: 0300 123 1234 (charges apply) / energy-advice@est.org.uk**

**THE BIG LONDON ENERGY SWITCH**

Cooperative energy scheme  
**Contact: 020 8921 5100 / www.thebiglondonenergyswitch.com**

**RBG WELFARE RIGHTS**

Benefit check  
**Contact: 020 8921 6375 / welfare-rights@royalgreenwich.gov.uk**

**RBG HANDYPERSON TEAM**

Small jobs around home - Over 60, disabled  
**Contact: 020 8921 2614 / handyperson@royalgreenwich.gov.uk**

**GREEN DEAL**

Energy efficiency measures at no upfront cost. Repayments made through energy bill  
For advice on how to access the Green Deal  
**Contact: 020 8921 5331 / energy-efficiency@royalgreenwich.gov.uk**

**ECO: Carbon Saving Communities**

Ares based programme: 48 LSOAs in Greenwich are eligible  
Delivery of packages of measures including solid wall insulation  
For advice **Contact: 020 8921 5331 / energy-efficiency@royalgreenwich.gov.uk**

**ECO: Carbon Saving Target**

Insulation for: 1. Solid wall properties 2. Hard to treat cavity properties  
For advice **Contact: 020 8921 5331 / energy-efficiency@royalgreenwich.gov.uk**

Council Tenant	Private Rented	Owner Occupier
<p><b>RBG REPAIRS TEAM</b> Responsive repairs and maintenance service <b>Contact: 020 8921 8900</b></p>	<p><b>ECO: Home Heating Carbon Reduction Target (HHCRT)</b> Energy efficiency measures available to low income households. For advice <b>Contact: 020 8921 5331 / energy-efficiency@royalgreenwich.gov.uk</b></p>	
<p><b>RBG CAPITAL PROGRAMME</b> Energy efficiency programme <b>Contact: 020 8921 5331 / energy-efficiency@royalgreenwich.gov.uk</b></p>	<p><b>RBG ENVIRONMENTAL HEALTH</b> Assess for hazards incl. cold &amp; damp <b>Contact: 020 8921 8157</b></p>	<p><b>RBG HOME IMPROVEMENT TEAM</b> Home improvements for 60+, disabled, long term illness <b>Contact: 020 8921 2614</b></p>