



London Borough of Brent Case Study

Challenge

Brent is one of London's boroughs that has benefited from having Energy Solutions and ES Consultancy as long term partners in energy and sustainability matters.

We have been helping this particular borough find effective solutions to climate change for 10 years and have a rolling programme in place to achieve a 20% reduction of CO₂ (over 1995 levels) by 2012.

Approach

Our work with this particular local authority concentrates on four areas:

- 1. Strategic advice:** for example, we chair Brent's Sustainability Forum and are part of the Carbon Reduction Steering Group and Energy Team.
- 2. Project delivery:** ahead of the CRC we are working with the Property & Asset Department to cut fuel costs and carbon emissions across all their estate, including schools, mainly through Salix financed projects.
- 3. Training:** we have delivered training on energy matters to most of their schools' caretakers and have a rolling programme in place to continue doing so, extending this offer to school governors.
- 4. Fuel poverty:** we have a dedicated team carrying out home visits, giving energy efficient advice, and arranging free heating and insulation improvements throughout the borough.

In addition to the above, Brent has commissioned a number of projects in the borough aimed at reducing its carbon footprint with renewable energy, for which we act as consultants.



Results

Σ Improvements in existing buildings carried out under the initiative of ES Consultancy mean estimated annual savings of £350,000 and roughly 2,500 tonnes of carbon per year.

Σ We are currently in charge of continued engagement with schools and delivering on approximately 60% of Brent's carbon targets for 2012. By working with selected schools in the borough we have reduced the total schools carbon footprint by 5% in two years. This is equivalent to individual schools cutting their carbon emissions by 20% to 50%.

Σ We have also helped Brent with the requirement for Display Energy Certificates (DECs) coming as a result of the EPBD. We assessed all the buildings over 1000 m² (just over 100) and produced the necessary DECs and Advisory Reports.

Furthermore, thanks to carrying out the DECs with us, the London Borough of Brent now has a wealth of data that is helping to establish the carbon baseline for the Carbon Reduction Commitment and several National Indicators, (ie NI 185).

Σ Most recently we have transformed an unused chapel into a state of the art eco-office at Welsh Harp, which is now part of Brent's Environmental Education Centre.

We have carried out projects with the following London boroughs: Barnet, Islington, Ealing and Hillingdon.

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