

Case Study - Canterbury Road Solar Community

Thanet District Council is a sustainable energy champion and a powerful demonstration for Local Authorities and other social housing providers

Keen to meet its renewable energy targets and raise awareness of sustainable energy, Thanet District Council enlisted the help of Creative Environmental Networks (CEN) to install solar water heating systems at six social housing stock properties in Canterbury Road.

It didn't cost the earth...

The CEN renewables team were able to secure 50% funding from Clear Skies Community Renewable Energy Grants, a Department of Trade and Industry funding stream.

A bright beginning...and there's more to come

The solar panels are installed on the roofs of the properties and connected to existing plumbing systems. The installations will also reduce tenant fuel bills, illustrating how renewable energy can help alleviate fuel poverty: the 4m² flat plate SHW systems will provide 50 – 70% of the properties' hot water needs.

It is estimated that use of the project will directly result in Carbon Dioxide emissions savings of 3 tons each year.

A commitment to community involvement and awareness raising

The project has been reliant on the support and involvement of property tenants from the outset. An initial consultation process was carried out to identify suitable properties and enthusiastic tenants. Tenants will also receive training on the systems and information on the wider benefits of sustainable energy. It is hoped that carbon savings will be achieved - not only through the use of renewable energy - but also through behavioural changes in tenants towards energy usage.

Key Points

Technology
Solar Thermal Flat Plate Systems

Carbon Dioxide Savings
3 tons per annum

Funding
50% secured through
Clear Skies Community Grants

Collaborators
Thanet District Council
Creative Environmental
Networks

Want to know more?

To find out more about the Canterbury Road Solar Community installations or to discuss your own project, contact the Kent Renewables Project Team at Creative Environmental Networks on 0845 602 1834.



**Solar Thermal
Installations
in Progress**

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