



CREATIVE
ENVIRONMENTAL
NETWORKS



CASE STUDY: Sustainable solutions for Housing Associations

Project: Enabling Technology Installations

Client: Hanover Housing Association

Date of Project: July 2006 - May 2007



Client's Objectives:

Hanover Housing provides an integrated range of housing and care solutions for older and disabled people. A new-build 35-unit extra care scheme in Ealing needed to incorporate renewable energy into the development to meet local policy requirements.

CEN worked with Hanover Housing on this project, starting at the design stage and progressing through to the facilitation and management of the installation process.

About The Project:

CEN conducted a site assessment on the feasibility of integrating renewable technologies. Given building constraints, CHP and solar thermal were identified as the most cost effective means of meeting its carbon reduction target. CEN supported the client in implementing this solution by identifying a contractor, liaising with the planning authority, and obtaining grant funding of £30,000.

- Feasibility assessment identifying CHP and solar thermal
- Prioritising and modelling appropriate solutions
- Project management across the installation process
- Liaison services between planning authorities, contractors and suppliers
- Securing grant funding

Achievements:

CEN delivered a holistic package of services, drawing on its previous experience and existing network of installers. CEN worked with the housing association providing advice from the initial inquiry through to the installation of the solar thermal system.

Future Heating, a member of CEN's installer network, undertook the installation of the 96m² solar thermal system, which was one of the largest solar thermal systems in the country at the time and had the potential to save up to 9 tonnes of carbon dioxide every year.

CEN secured Low Carbon Buildings Programme grant funding for 50% of the capital required, ensuring the success and completion of the project.