

Funded by



# Completing the Loop



The main aim of this project is to demonstrate the potential of ground source heat pumps (GSHPs) in social housing, by offering information and support to social landlords interested in installing GSHPs in both new and existing housing - with a particular focus on properties off the gas network.

There are approximately 4.5 million households in Great Britain without a gas supply – this equates to approximately 20% of all households. Householders in these homes are forced to rely on oil, liquid gas (LPG), electricity or solid fuel for space and water heating; fuels which are generally more expensive than gas. These higher running costs mean there is a clear correlation between householders living in homes without a gas supply and householders living in fuel poverty.

Ground source heat pumps are a proven, effective technology that, when combined with a package of energy efficiency measures, can provide much lower running costs for space heating and hot water than oil, solid fuel, LPG and electric storage heaters – helping to eliminate fuel poverty.

This project is working with a number of 'early adopter' social landlords in order to demonstrate to other social landlords the benefits of this combined package. Penwith Housing Association was the first HA in England & Wales to retrofit GSHPs to existing housing, and recently Signpost HA has become the first HA to retrofit 9 GSHPs in a block of flats.

The project will provide hand-holding support to social housing providers wanting to learn more about GSHPs and the benefits they offer. An event was held at Penwith Housing Association in 2005, allowing project participants to visit and learn about their scheme. Case studies and other guidance material are being developed. A series of further regional and national events will take place during 2006-7 to publicise the materials and the successes of the pilot installations.

**If you are interested to find out more about this project, please contact:**

Andrea Immendoerfer: 01225 816 845 [andrea.immendoerfer@esd.co.uk](mailto:andrea.immendoerfer@esd.co.uk)

[www.completingtheloop.org.uk](http://www.completingtheloop.org.uk)



**SIGNPOST**  
HOUSING ASSOCIATION  
Part of the Signpost Group of Companies



**EARTHENERGY™ LIMITED**

