

SMALL CHP IN THE MUNICIPAL SECTOR

LEAD ORGANISATION

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COST AND DURATION

The Carbon Trust contribution towards this project is £51,943. The project started in September 2003 and is due for completion in February 2004.

PROJECT REFERENCE NUMBER

2002-9-61



Honeywell House - assessed for viability for economic installation of small scale CHP

OBJECTIVES

A comprehensive overview of the issues relating to small CHP will be conducted and the data from this investigation collated and analysed to produce a study defining the issues relating to CHP systems in the public sector.

SUMMARY

This project brings together a wide range of factors to explore the implications of installing small CHP systems in the public sector. Small CHP technologies have the potential to make major reductions in energy consumption across the public sector estate thereby meeting the commitment of public bodies to lower greenhouse gas emissions and alleviate the problems of fuel poverty.

Two city councils, a borough council, a regional development agency and two housing associations will establish a framework to quantify the benefits of small CHP across their estate. The regions are selected to allow a wide spread of different types of building ranging from

very urban (Birmingham) to very rural (Berwickshire). The regions also allow a good geographical coverage of the UK.

A series of workshops and design studies will be used to investigate the challenge of using small CHP systems in the public sector and to define the information required to quantify the benefits of small CHP systems to the end user. The data from this investigation will be collated and analysed to produce a study defining the issues relating to CHP systems in the public sector.

The study will be used to inform a larger programme being carried out by the Carbon Trust to install up to 200 small CHP systems in buildings across the UK.

The outputs from this project will be written up into a detailed report provided to public bodies and the Carbon Trust.

