

# **Woolhope Dome Community Wood-Fuel Project**

## **Information for Organisations wishing to install Wood-Chip Boilers**

### **Introduction to the Wood-Fuel Project**

The Woolhope Dome Community Wood-Fuel Project will make renewable heat a reality in the Woolhope Dome area centred around Fownhope, South of Hereford. This innovative renewable energy project will use sustainably harvested wood from local woodlands to fuel wood-chip boilers that will heat local business, residential and community premises. The project will be run by a community-owned co-operative Energy Supply Company (ESCO) which will:

- Own and operate woodchip-powered boilers in local premises
- Provide fuel for these boilers from local sustainable sources

The project is a collaboration between two not-for-profit organisations: Fownhope and District Carbon Reduction Action Group (CRAG) and Sharenergy, part of Energy4All, the UK's foremost enabler of community owned renewable energy.

### **The Installation of Wood-Chip Boilers**

The project is currently looking for local businesses and organisations who would like to consider installing a wood-chip boiler at their premises. With the price of fuel increasing every year and pressure on organisations to reduce their carbon emissions, this project provides the opportunity to make real economic savings as well as helping the environment.

A number of specific project requirements and benefits to your organisation are detailed below:

- Typically your organisation needs to be within 15 miles of the Woolhope Dome area.
- The size of the boiler needs to be a minimum of 45kW (kilo watts) to a maximum of 500kW
- Once the potential organisation has been identified, the project will assess its suitability and follow this up with a more detailed study if required. This study work will be completely free of charge and conducted by a wood-fuel specialist.
- The ESCO will pay for the boiler, associated equipment and installation costs. This means there is no capital investment required by your organisation and the boiler is community owned.

- The ESCO will maintain and repair the boiler and the associated equipment, so there are no maintenance costs to the organisation involved. Your organisation will just pay the ESCO an agreed price per kW of heat you use.
- By installing a wood-chip boiler your organisation will be able to predict its heating costs over a number of years. This is achieved as the price of heat will be fixed for long periods (e.g. 4-5 years) and index linked to inflation.
- By installing a wood-chip boiler your organisation's carbon footprint will be dramatically reduced. By replacing fossil fuels with wood-chip that has been sustainably sourced from local woodlands, it will provide negligible carbon emissions from your heating requirements.

### **The Next Stage**

If you are interested in further details, and/or a free study for your organisation regarding the installation of a wood-chip boiler, please contact the Woolhope Dome Community Wood-Fuel Development Manager who will be happy to discuss it with you.

For further information please visit: <http://www.shareenergy.coop/woolhope>

Downloadable information sheets are also available on other aspects of the project

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