

Energy

Biomass Heated Workshops and Offices

Overview

- Objective:**
1. To demonstrate leadership in the area of biomass heating and improve management of the companies 14.5 hectares of woodland.
 2. To install a demonstration plant to use the machinery the company supply:- forestry machinery - firewood machines, firewood harvesters, wood chippers, log splitters and other timber handling equipment.
- Main Partners:** **Fuelwood (Warwick, Beausale) Ltd., Mercia Energy Ltd.**
- Audience:** Fuelwood Staff and Customers, Potential installers of biomass heating systems.
- Rationale:** The demand and use of equipment for log splitting and chipping has grown so rapidly that Fuelwood (Warwick) Ltd, outgrew their offices and found it was time to expand the business and start practising what they preach.
- Web Link:** <http://www.fuelwood.co.uk/news.html>
<http://www.mercia-energy.co.uk/index.htm>

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A 30kW Heizomat boiler has been installed and will utilise woodchips from the companies own woodland. It and will heat 330m² of new workshops, offices (Finnish log cabin) and main residence. Fuelwood is the main UK agent for Hiezohack chippers and the new workshops and boiler room will be a training and demonstration centre for integrated wood chipping and biomass heating.

The Hiezomat boiler has been installed with funding support from the Low Carbon Building Programme and will replace 11,000 litres of oil with 33 tonnes of woodchip and save 29 tonnes of carbon dioxide (CO₂).

