



# Biomass - Wood Fuel Heating

## Wood fuel heating - wasting resources goes against the grain

Gone are the days when keeping up the heat meant throwing more logs onto the fire. Most modern wood fuel boilers are thermostatically controlled and automatically retrieve wood fuel from stock. Even ash removal is automated, making this source of renewable energy clean, safe and hassle-free.

## What are the benefits of wood fuel heating?

The installation of a wood fuel boiler system at your organisation's premises can bring substantial environmental, social and economic benefits:

- Enjoy the comfort and warmth of a traditional heating solution
- Reduce CO<sub>2</sub> emissions making the UK a cleaner and greener place to live
- Use of local wood fuel resources will result in local investment and employment
- Protect yourself from future energy price increases
- A positive way of meeting your organisation's social responsibility
- Take the lead in bringing renewable energy to your community

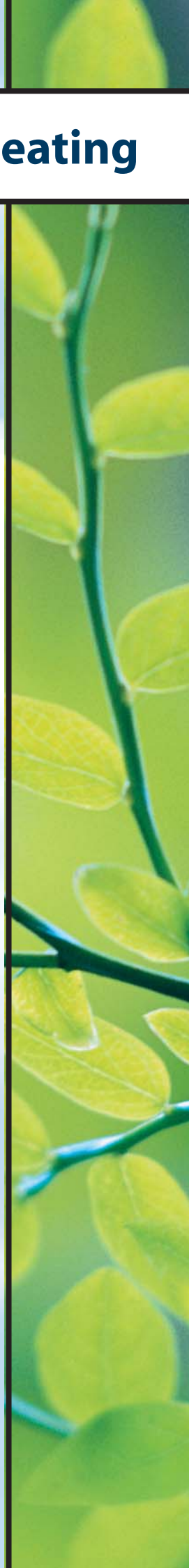
## And to address the most common misconceptions...

- Burning wood fuel is an environmentally friendly option. It is a carbon neutral process i.e. the amount of CO<sub>2</sub> released when wood is burned is no greater than the CO<sub>2</sub> absorbed by the tree when it is growing
- Wood fuel boilers can be automated - from fuel retrieval to ash removal
- The appearance of a wood fuel boiler is very similar to that of a conventional boiler

## How much does a wood fuel heating system cost to install?

The cost of a wood fuel system varies depending on the size and type of the system to be installed. However, there are a number of grants available to help alleviate the cost impact, including:

- The Clear Skies grants programme
- The Community Renewables Initiative
- Green Tariff Funds





## How does wood fuel heating work?

Wood fuel is a type of biofuel. Biofuels are produced from organic materials, either directly from plants or indirectly from industrial, commercial, domestic or agricultural products. Biofuels fall into two main categories:

- **Woody Biofuels:** includes forest products, untreated wood products, energy crops, short rotation coppice

- **Non Woody Biofuels:** includes animal wastes, industrial and biodegradable municipal products from food processing and high energy crops

Wood fuel heating uses woody biomass as its energy source. The applications most commonly used to release energy in this carbon neutral process are a stove or boiler.

## How do I get started?

Over the past year Creative Environmental Networks (CEN) has committed itself to developing the partnerships, systems and services that will help organisations access renewable energy. CEN offers the following:

- Impartial advice, information and energy audits
- Assistance with grant applications
- Assistance with the planning application process
- Access to discounted manufacturer and installation rates
- Management of large installer network and installation process
- Post installation audits for peace of mind
- Dissemination and local publicity

## So what are you waiting for?

It won't cost you the earth. In fact, with numerous grants available, it may not even cost you a penny. Call the REAL project team at CEN today on 020 8683 6683 to find out how you can take part in the energy revolution.

**Call 020 8683 6683 today!**



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