

## Pellet stoves at The Treehouse Education Centre, Birches Valley, Rugeley.



### Introduction & Location

The Treehouse Education Centre is located at the Forestry Commissions Birches Valley Forest Centre, Rugeley and was funded by Cemex. It incorporates a number green features including use of FSC timber, rainwater recycling, a sedum roof and is heated by two wood pellet stoves.

### Objectives:

- To install a pellet stove heating system to heat the new TreeHouse education centre at Birches Valley
- To showcase an affordable and carbon neutral heating system to outside bodies and visitors to the centre
- To reduce the CO2 emissions from the site.

### Actions:

- Two Extraflame pellet stoves were installed rather than a standard boiler and radiators to power the two main classrooms and heat the hot water for the toilet blocks

### Achievements:

- The installation of two pellet stoves and high quality interpretation
- Raised awareness of wood fuel amongst staff and users of the buildings.
- Education of a wide range of school and college pupils about sustainability issues including woodfuel.

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## Background:

- The pellet stoves are manually lit, filled and cleaned out.
- The pellets are sourced from a local saw mill and delivered in 10kg bags
- Each 10kg bag lasts on average 1 day per stove.

## Quotes:

The pellet stoves provide an interesting talking point and centre piece in each of the main classrooms. The interpretation explaining the wood pellet cycle is read by many hundreds if not thousands of people each year.  
Jason MacLean - Forestry Commission Environment Manager – West Midlands

## Partners:

Cemex quarries completely funded the Tree House Education Centre including the wood pellet boilers.

## WMRFF Objectives: Main Theme & Others

Wood Energy & Recycling  
Climate Change  
Fostering Social Inclusion

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