

Case Study Theme:

Energy efficiency in an older building



Activity Centre

Case Study Year: 2010

Business Details



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Girlguiding UK

Waddow Hall

Clitheroe

Lancashire

BB7 3LD

www.waddowhall.org.uk



Business Description



Waddow Hall is a training and activity centre owned and run by Girlguiding UK. The hall is a listed late 17th century building which overlooks the river Ribble and it lies within a 178 acre estate which includes a campsite, self catering accommodation and activity areas. The main hall is a 3 star graded hostel and holds a Silver GTBS award.

The site is open to private group bookings, although for much of the time it hosts visits from Girlguiding members – Guide, Brownie and Trefoil groups.

Green Statement

“Girlguiding Waddow will take environmental considerations into account in all its activities and promote best use of environmental practices throughout the estate including staff and customers”

What's Green about Waddow Hall

At first glance it may appear that being green doesn't apply to older buildings, however Waddow is keen to reduce its running costs and sees energy efficiency and renewable energy as a positive way to do this and save carbon at the same time. A number of energy efficiency measures have been introduced and a major investment has been made to convert the estate's heating system from oil to wood fuel.

Actions



- A light bulb replacement scheme whereby all new bulbs purchased are low energy
- Corridor lights have been fitted with sensors so that they continually run at 10%, and switch up to full brightness when they detect movement in the vicinity – this satisfies both health and safety and environmental needs
- Radiators in the hall and cottage have been fitted with thermostats and reflector panels
- Insulation has been fitted to double the national standards in the hall and all self catering buildings
- Water saving devices – dual flush toilets and push down taps – are being installed in all the public toilets on the estate
- A 300kw Biomass fuel boiler is connected to a heating distribution system which will eventually provide heating and hot water to all the estate buildings. Woodchip is supplied from within a 15 mile radius, and in the future wood from the estate woodlands will also be used

Impact



Economic

- Energy saving measures such as low energy and lighting sensors, and insulation will reduce electricity costs in the buildings
- Water saving measures will also save money as the site is on metered water



Environmental

- The new wood fuel boiler is using carbon neutral fuel rather than oil so carbon emissions will be substantially reduced
- Food and fuel miles are also reduced by using local suppliers
- Waddow has a policy of re using and recycling, taking in donations of unwanted furniture and appliances wherever practicable
- Stationery is recycled and cleaning products are environmentally friendly



Social

- Sourcing food and fuel locally means local economy and businesses are supported, fair-trade tea and coffee are used as standard
- The staff at Waddow are fully engaged and supportive of the green tourism initiative, most people live locally and some car share or cycle to work when possible
- Girlguiding UK has a long history of education, and provides opportunities for those who may not otherwise get the chance to participate in activities away from home

Links



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| Forest of Bowland AONB | www.forestofbowland.com |
| Draughtproofing | www.quatroseal.com |
| Water efficiency | www.environment-agency.gov.uk/savewater |
| Wood fuel heating | www.nef.org.uk/logpile/index.htm |
| Saving energy in older homes | www.climatechangeandyourhome.org.uk/live/saving_energy.aspx |

Contact



If you want to find out more about the Lancashire Green Tourism Project or the Green Tourism Business Scheme contact hetty.byrne@lancashire.gov.uk

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