



Moor Sustainable CIC



**Esk Valley and Coast Green Open Homes**

Saturday 5<sup>th</sup> and Sunday 6<sup>th</sup> April 2014

## Barn and wheel house conversion



### Information on this home

This house is a recently converted barn and wheel house. During construction an internal breeze block lining was constructed with a layer of insulation between the walls. It also has insulation in the roof and floor. The windows are double glazed.

The heating is provided by a wood pellet boiler which runs the underfloor heating and provides hot water. A wood burning stove will be installed in the living room as an alternative to running the boiler.

The house is not yet occupied so there is no information about running costs. The owners hope that it will cost less than an oil boiler. They also hope that the very thick insulation means that the house will not require a lot of heating.

### Renewables: heat

**Boiler:-** MCZ Compact 18 kW wood pellet boiler.



**Installed:-** 2013

**Cost:-** £9,000

**Supplier:-** Life's Energy, Scarborough, <http://lifesenergy.co.uk/>

**Installer:-** Mike Hoggarth, Whitby

**Financial support:-** Renewable Heat Premium Payment £3,000 grant, which will be deducted from Renewable Heat Incentive annual payments that will be received for 7 years.

**Issues to consider:-** Needs a large building for the boiler and dry storage for the wood pellets.

*Details of products and installers are provided for information only and cannot be considered as endorsements by Moor Sustainable or the Esk Valley Community Energy Group*

