

Green Homes Sheffield Host










Further information

Host address:	Green Directions Townfield Head Farm Stannington, Sheffield, S66GR
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More information about this home

The buildings date from circa 1800, but have now been insulated to a high standard. We produce about 51 Mwh per year and buy about 18 Mwh per year, i.e. we are nearly energy neutral.

Low carbon measures on show

-  **Low-cost improvements** e.g. loft insulation, cavity wall insulation, draught proofing, basic heating controls
-  **'Big' insulation works:** solid wall insulation
-  **Glazing:** e.g. secondary glazing, triple glazing, high performance doors, refurbished sash windows,
-  **Lighting systems and electrical appliances** e.g. LED lights, sensors, sun pipes, low energy white goods,
-  **High spec heating:** underfloor heating
-  **Renewable heat:** 2 ground source heat pumps
-  **Renewable electricity:** 2 wind turbines, solar panel array, with data set for energy consumption and production with graphs
-  **Sustainable building materials:** rainwater recycling
-  **Lifestyle changes:**
 - Growing own veg and fruit
 - Produce own meat (but no pigs on site in the open house period)
 - Also we give presentations about climate change and renewables

Personal insights

This section could be a pamphlet! Our project has been going for about 10 years and so we have many stories of successes and failures.

