

Property Information Sheet



Name and Address

Tim and Sue Lean (and Huw Roberts)
Wheathall Barns
Ryton
Dorrington
Shrewsbury SY5 7NF

Property Description

Conversion of redundant barn to home and studio;
Philosophy of re-use and sustainability — a self build
conversion with a difference.

What changes have you made to your home?

Large triple glazed windows, mechanical ventilation and heat recovery system, solar PV, expanded cork insulation, hemp & lime plaster, locally sourced timber, wood pellet stove and more;

Why did you make these changes?

The aim is to create a well insulated, air - tight and functional home that retains plenty of the original features with a low carbon footprint.

What were the approximate costs?

3 years and still counting!

What have been the approximate energy savings?

Don't know yet, but we are pleased with the lime plaster and cork insulation.



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What have been the effects on your home?

No previous situation to compare with, but we are very pleased with the results. Comparison can only be made with previous residence, and in this it's very favourable.

Who undertook the work?

Too many to enumerate, but most materials from local builders merchants. Bought-in joinery from The Green Building Store.

Would you recommend them?

A mixed bag, but on the whole we were not displeased. One often feels that one would have achieved more desirable results if one had done it oneself, but we didn't want it to turn into a 10 year building site!

Wishlist?

We need to look into power supply to the communal biodigester which turns out to consume far more electricity than we had envisaged
Looking to set up a simple automatic control for heating with the wood central heating cooker, particularly underfloor heating, which is currently operated purely manually

Have you considered any measures but rejected them?

We had considered a single biomass heating system for the 'barn complex', but this was deemed too expensive

Do you have any further comments?