

### Property Information Sheet



#### Name and Address

Claus Best & Marijke Albus  
Hay Tor, Pulley Lane  
Bayston Hill, Shrewsbury  
SY3 0JH

#### Property Description

1950's concrete system build detached bungalow.

#### What changes have you made to your home?

Replaced single glazed metal framed windows with triple glazed timber framed ones; fitted highly efficient gas boiler linked to 200ltr tank with solar thermal panels; installed air-tight membrane; 125mm blown roof insulation; installed a mechanical ventilation and heat recovery system; fitted 100mm external wall insulation; rain water collection for garden use; wood stove; Low flush toilet and slow flow taps; low energy lighting including LED's.

#### Why did you make these changes?

Bungalow was too cold, draughty and expensive to heat.

#### What were the approximate costs?

The retrofit was combined with an upgrade and renewal of the property, but approximate costs for the energy improvement measures are: £45,000

#### What have been the approximate energy savings?

Annual gas use reduced from 14,400KWh to 5,700KWh and electricity from 2800KWh to 2000KWh

# SHREWSBURY GREEN DOORS

A Transition Town Shrewsbury Project



## Property Information Sheet continued...

What have been the effects on your home?

Enormous improvement in comfort and of gas use; first year in old condition used 14,400KWh of gas, second year with all measures apart from the external wall insulation fitted 9,500KWh and now with EWI fitted 5,700KWh. Draught free living with constant pre-heated fresh air.

Who undertook the work?

Mostly done by myself, apart from Heating and solar installations, plastering and roof foam installation;

Would you recommend them?

Yes

- Cosyhome for spray foam;
- Llani Solar for solar thermal installation;
- Mennell & Mennell for plumbing + heating;
- External Wall Solutions Ltd.

Wishlist?

Permeable driveway, insulate walls below dpc, shading along east and south walls;

Have you considered any measures but rejected them?

Do you have any further comments?