

## Activities this year

### Carbon Footprinting TF SR Jan/Feb 08

LLES acted as consultants and undertook a full, in-depth carbon-footprinting exercise for Powys-based charity Tools For Self Reliance.

### CHP Feasibility Study March – May 08

LLES secured funding to employ consultants to examine feasibility of developing a Combined Heat & Power plant in Llanidloes, including:-

- assessing named sites and identifying others,
- look at local sources of material – waste wood from businesses & forests
- identify and consult end users of heat & power
- full costings and income
- written report

The study looked at using different CHP technologies, and the results were that one unit would not produce an attractive IRR, whereas two units had an improved IRR but the capital cost would be around £2m and the project huge, involving a number of buildings and property owners.

If anyone is interested in seeing the report, please see Diana.

### Open House Day May 08

This was held in May, and followed a tried and tested format from COIN in Oxfordshire. The idea is to allow the public to see super energy efficiency measures and RES technologies working in a domestic setting, and be able to chat to the home-owners about them, without sales pressure and so on. This event involved a lot of help from the LLES membership, for which we are grateful.

- 9 home owners in & around Llanidloes and Rhayader opened their houses for the public
- a variety technologies on show, including of solar HW & PV, hydro, wind, wood pellet & wood chip boilers, and super insulation measures
- over 200 people visited the houses, some visited several
- lots of interest and calls for another Open House Day
- sharing of paperwork templates with other community groups
- phone conference with COIN & other groups to take place later this month
- ideas to roll out across country, similar to National Garden Scheme

### Green Fair October 08

Secured funding / sponsorship for GF, put together a full and interesting programme etc etc. A lot of help from the LLES membership over the w/e of the GF.

### Pro-efficiency Scheme November 07 – October 08

Organised by SWEA, a scheme to keep track of LE bulbs distributed over the period, and they provide a certificate of CO2 savings. Based on 246 bulbs of varying wattage, LLES has saved the recipients collectively £2319 / yr, 16,567 kWh/yr, and 7.1tCO<sub>2</sub>/yr

Institute of Rural Health *October 08*

LLES was asked to give guidance on 'carbon footprinting an organisation' for the officers and trustees of IRH, so Diana went along to give a presentation to the Group.

Possibilities for the future:-

IRH suggested working with LLES to take forward research ideas, such as the impact on rural communities of closing local hospitals and the increased pressure on the environment as people travel further for health care.