

## **L21 Energy group proposal**

1. This note sets out a programme for work in the new Energy group of Ludlow 21. The aim of the programme is to research and then take actions that will, if possible, make Ludlow a carbon-neutral community.

The programme will be based around the following activities:

- a) generating public awareness of energy issues within the Ludlow and area population
- b) providing a set of projects that can be carried out by all ages and within schools
- c) making Ludlow 'unique' in its approach to energy usage and carbon emission
- d) building on the local energy generation activity already in place and supporting further zero-carbon energy generation and use.
- e) proving a link to the larger Ludlow Community Led Plan outcomes

2. The programme is aimed at a goal of making Ludlow 'carbon-neutral' in its total energy use. The following projects are envisaged (but this list WILL change!)

- a) How much electricity, gas, coal and oil does Ludlow use, excluding vehicles?
  - use surveys , estimates, projects of national data etc.
- b) How is that use changing?
- c) What fraction of Ludlow's energy supply is already zero-carbon and how will that change over time?
- d) What local energy generation is in place and what is the possible upper limit to this?
- e) Can Ludlow become a zero-carbon town?
- f) If not, are there steps along the way – e.g. all public buildings are become zero-carbon?
- g) What is the role of vehicle emissions in this objective?
- h) What role do electric vehicles play in the overall picture of generation and storage?

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