

VISION STATEMENT: Marshfield Community Land Trust (MCLT) Energy Working Group (EWG)

Our aim is to **help the community of Marshfield make contributions to the sustainability of our environment**, and **enable our community to reduce the costs paid for energy** over time.

In order to meet both of these elements our primary goal **[PG]** is to encourage **effective and efficient use of energy within the village**. And so we have the following four objectives:

1. We will work to **develop awareness about the way energy is used** in the village and explore and **promulgate different ways to use energy** domestically and so **promote more efficient use of energy** through, for example, better thermal insulation.
2. We will aim to **ensure the more effective and efficient use of energy in our community buildings** (for example the school and community centre, and also church and church hall).
3. The Community Land Trust (CLT) is planning to construct affordable houses. We aim to **ensure CLT houses are as energy efficient as possible**.
4. We will work to encourage and provide **increasing energy generation within the village** to decrease costs and increase independence of energy within the village.

The above approach is consistent with the Terms of Reference for the Energy Working Group¹.

With few resources we currently focus on a small number of **projects** designed to meet these objectives:

- Develop the Energy Group section of the CLT **web site** to provide information on practical energy saving advice. [*Project A* to meet objective 1 and help other relevant projects].
- Negotiate with planners about the **use of double and triple glazing** in conservation village housing. [*Project B* to meet Primary Goal]
- Establish **forecasts of future energy demands** for Marshfield, including the potential use of electric cars (EV). Monitor and so **understand demand on the 4 sub-stations** within Marshfield by **involvement in the OpenLV Project** run by Western Power Distribution (WPD). [*Project C* to meet Primary Goal and objective 1]
- Undertake, in a community building, a pilot project in the **use of battery technology** for storing and use of solar power. [*Project D* to meet Primary Goal and objective 4]
- **Increase the use of LED lamps** in community buildings by developing the business case. [*Project E* to meet Project Goal and objective 2]
- Develop an effective relationship with WPD to **improve the reliability of electricity supply** to the village. **Use a monitoring group** to ensure accurate records of power outages. [*Project F* to meet objective 1]
- Increasingly gain the **involvement of the community** in further projects by organising regular community meetings (including meetings of the monitoring group). [*Project G* to meet objective 1]
- **Work closely with the CLT main Board** in the design of the CLT houses [to meet objective 3]. Including an exploration of the latest developments in insulation technologies and the potential of a 'green-field site' for shared ground source heating and other relevant energy sources [*Project H* to meet Primary Goal and objective 4]
- **Explore delivery models** used by other community groups across the S West and UK wide when implementing significant energy projects (*Project I* to meet Primary Goal and objective 4)

¹ as approved by the MCLT Board at its 26th March 2018 meeting, and builds on the experience and expertise gained within the Marshfield community over the past decade.