

Barningham Net Zero Project

Project Synopsis

The project objectives are to:

- Reduce energy costs for villagers
- Achieve a net zero carbon footprint from building emissions by provision of renewable energy throughout the village
- Provide surplus income from energy generation which can be used to fund on-going energy efficiency improvements.

The project would be undertaken with support from Ewan Boyd, Teesdale Environmental Consulting, in association with a village working group and Barningham and Holgate Estate as the most significant local landowner.

The project will apply to the Rural Communities Energy Fund (RCEF) for:

- £40,000 for **Phase 1 Feasibility Study** to:
 1. Assess total village building emissions
 2. Evaluate cost-effectiveness of credible renewable energy technologies including wind, solar, biomass, ground and air source heat pumps as extensions to existing or planned schemes and / or additional new development to provide renewable sources of energy throughout the village
 3. Identify suitable locations acceptable to the community
 4. Confirm connection for export to National Grid probably via Richmond
 5. Advise on optimal scheme for the village.
- £100,000 for **Phase 2 Business Development & Planning** to prepare:
 1. Detailed design
 2. Business development – to consider options of:
 - a. Community owned and managed assets (more onerous, higher returns)
 - b. Partnering with an energy supplier, e.g. Good Energy (less risky, lower returns)
 3. Planning application.

For the scheme to be successful, strong community support will be required.

Application entity to be confirmed – Parish Council, Village Hall, a combination or other.

Key dates:

- 19th November – Village Hall and Parish Council Meetings
- 1st February – next RCEF application date
- 9th March – decision date for February RCEF applications