



Sustainable Energy Eden

Workshop 1

an introduction to the art of the possible!



Welcome & Introduction

Barry Thompson

Chairman, Heart of Eden Development Trust



Agenda

- **Project Outline, Purpose & Parish Detail** -Simon Sjenitzer
- **Climate Change Policy** -Becky Willis
- **Planning Considerations** -Roger Hopcraft
- **Social Enterprise & Community Action** -David Hollings
- **Principal Forms of Renewable Energy**
 - Wind & Hydro
 - Turbine Services
 - Wood
 - Cumbria Woodlands
 - Solar
 - Love Solar
 - AD
 - CORE
 - G/ASHP & Solar Thermal
 - Encompas
- **Q&A and Next Steps**



The Project


SEE? Objectives

- **To inform** the community and planning authorities about the potential for renewable energy schemes to reduce carbon footprint and generate income for communities.
- **To encourage** community participation in completing the questionnaire, with a minimum of 20% households or 10% of the population.
- **To publish** a report for the Heart of Eden Development Trust which recommends a series of prioritized community focussed actions



How we are going to do it....

- The questionnaires - online & printed
- Workshop 1
- Workshop 2 – 20th May
- Workshop 3 -
- The report and action plan


SEE?
Sustainable Energy Eden
Questionnaire

Name	
Parish	
Postcode	
Email	

1. Scene Setting (please circle the answers)

a) Is your home a: flat bungalow house

b) Is it: terraced semi-detached detached

c) How many bedrooms: one two three four or more

d) Is your home mainly heated by: gas electricity oil coal wood-fuel

2. Wind Turbines
Perhaps the most emotive of renewable energy technologies, but we are keen to get a sense of whether opinion changes if you owned a share of the energy it produced and money it makes?

a) Do you agree that wind should be part of the renewable energy mix
YES / NO / UNSURE





b) Do you support large wind farms when sited in appropriate areas of Eden
YES / NO / UNSURE

c) Do you support smaller privately owned turbines in appropriate areas
YES / NO / UNSURE

d) Would you support community owned wind developments
YES / NO / UNSURE

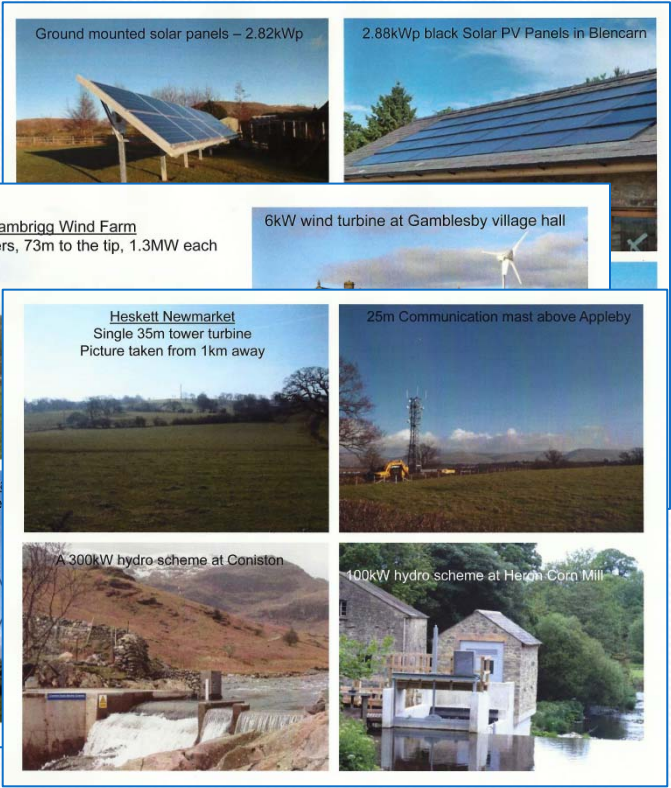
e) Would you prefer to support multiple smaller installations or singular larger turbines
MULTIPLE SMALLER / SINGULAR LARGER / UNSURE

f) Would you be prepared to invest in a community owned scheme in return for an annual dividend
YES / NO / UNSURE

Funded by:    Delivered by: 



Information Packs



Please share this information with friends, family and neighbours.

Encourage people to complete the questionnaire

Info@heartofeden.co.uk or 07796 763816



Climate Change Policy

Becky Willis

Independent Researcher & Vice Chair, Sustainable
Development Commission



Planning Considerations

Roger Hopcraft

Planning Policy Manager

Eden District Council



Social Enterprise & Community Action

Dave Hollings

CMS

Co-operative & Mutual Solutions Limited





Examples of Community Renewables

- Wind farms
- Water Screws
- Community photo-voltaic installation
- Anaerobic digestion
- Secondary projects to finance community renewables

Most community renewable enterprises are focused on an asset
with a long lead time



Business development and planning

- Is there a viable business?
- What needs to be done technically and economically to make a viable business?
- Can other activities be brought in to support the business?
- Are there any troops? How strong is community support?
- How will the business be managed?



Raising Finance/funding

- Sources of finance/funding for community renewables:
 - Community investment – shares or bonds
 - Grants
 - Loans
 - Spreading finance over time



What is community investment?

- Community investment is the practice of members of a community buying shares (or bonds) in an enterprise which serves that community
- It empowers communities by giving members (as part owners) a say in the success of the enterprise and encourages them to play an active role in its future success
- Members receive a fair return on their investment as well as sharing the social, environmental and/or community benefit



Technology speed dating!

- Feedback forms
- The bell – all change!



Q&A and next steps

- Project update
- Renewable Heat Incentive
- Bongate Hydro
- More technical information, practical help or action oriented?