

# Local Energy Service

Paul Smith, Energy Saving Trust

**Ynni** | **Local**  
**Lleol** | **Energy**



Llywodraeth Cymru  
Welsh Government

# Energy Saving Trust

We are the UK's leading impartial organisation helping people **save energy** and reduce **carbon emissions**

We've saved £1.5 billion on people's fuel bills and 140 million tonnes (lifetime) of CO<sub>2</sub> since 1994

Providing quality assurance for goods, services and installers

Helping local authorities and communities to save energy



Expert insight and knowledge about energy saving

Supporting consumers to take action

# Ynni'r Fro

- Welsh Government programme using European Structural Funds ran from January 2010 to December 2015
- Aimed to help social enterprises across Wales to develop their own community-scale renewable energy schemes.
- Engaged with over 200 social enterprises and funded more than 50
- Pipeline of more than 40 projects being actively supported by December 2015
- 8 schemes with 1.2MW capacity generating or in construction

# All change

- Feed in tariff
- Tax relief on share offers
- Lower financial returns
- More difficult funding environment

# Local Energy Service

- Maximise the level of locally retained benefits
- Financial and technical support to help social enterprises and SMEs to develop their own renewable energy schemes
- Loans and grants for all stages of development
- Development Officers
- Partnership Portal
- Renewable Energy Toolkit
- Workstreams to address:
  - Income streams
  - Site identification
  - Non-financial benefits
- A flexible approach



## Partnership Portal

**The Partnership Portal is designed to enable organisations and community groups to work together to progress renewable energy projects.**

The Partnership Portal aims to support community ownership of renewable energy projects. The Portal can be used by community groups to post information about their project, by potential partners or investors who would like to support a project in their area, and by existing community-scale renewable energy schemes who are willing to share their experiences and offer peer support.

**You are welcome to post information in Welsh or English. Your post will then appear on the Welsh or English website depending on your language choice. To appear on both websites, you are welcome to submit your post separately in both languages.**

Select type of post to add:

ADD A PROJECT

ADD AN INVESTOR

ADD PEER SUPPORT

## Renewable Energy Toolkit

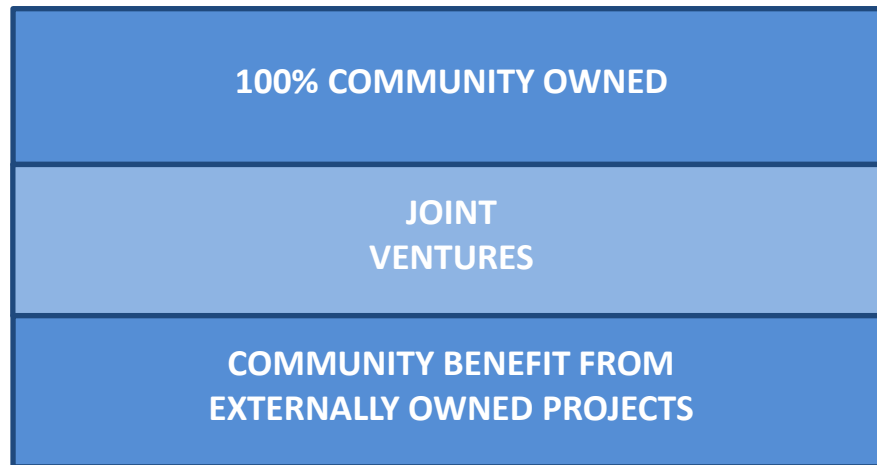
- ▶ Finance
- ▶ Project Development
- ▶ Technologies

# Local Energy Service

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# Ownership models

Increasing financial  
return to  
community



Increasing  
community risk  
and responsibility





# Ownership models

- **Owner operator** – project development and construction is led by the community and funded by the community, with the community operating the project;
- **Commercial developer led** – project development and construction is led by a commercial developer, with the community being offered an investment stake in the shared ownership project or even full ownership;
- **Joint venture** – both the community and the commercial developer work together to develop and construct the project, with both parties investing in the project;
- **Community developer** – project development is led by the community and a developer is approached to construct and invest in the shared ownership project.

# Case study – Abergwaun Community Turbine

- 225kW turbine, 45m tip height
- Aims to generate renewable energy and economic resilience in line with the Transition approach.
- Joint ownership venture with a local farmer who is also the freeholder
- The estimated income available for community distribution over twenty years is approximately £660,000
- Overall cost of project **£570,000**
- Output of **530,000 KWh** per year saving 290t CO<sub>2</sub>
- The equivalent of powering approximately **130** homes



For more information/ Am fwy o wybodaeth:

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**w:** [gov.wales/localenergy](http://gov.wales/localenergy) / [llyw.cymru/ynnilleol](http://llyw.cymru/ynnilleol)



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