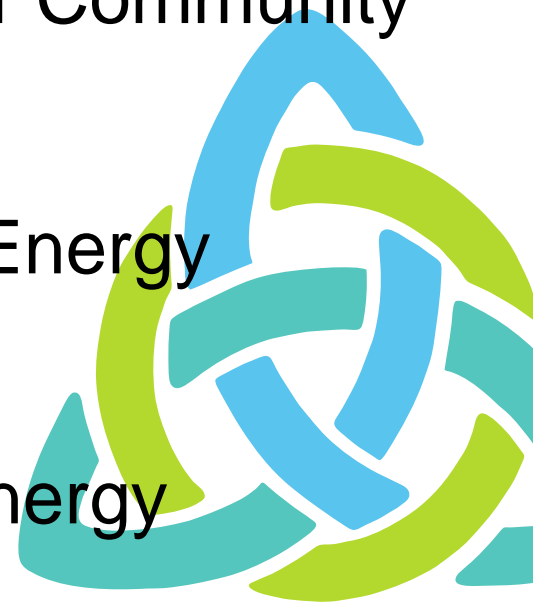




Ynni
Cymunedol Cymru
Community Energy
Wales

Let me introduce myself

- Business Development Manager for Community Energy Wales
- Director of YnNi Teg a Community Energy Company
- A Member of several Community Energy schemes across Wales.



What is community energy?

‘Community energy refers to the delivery of community led renewable energy, energy demand reduction and energy supply projects, whether wholly owned and/or controlled by communities or through partnership with commercial or public sector partners.’

Peter Capener, 2014



What is community energy?

‘When a group of people come together who feel passionate about tackling global issues such as climate change and do this whilst improving their local communities by ensuring that as much of the benefit and control is retained in the local area as possible.’

Rob Proctor, today.



Why Community energy?



Greater local benefit

- Between 12-13 times as much community value re-invested back into local areas as would be achieved through 100% commercial models. ([Capener, 2014](#))
 - 100% profits used for community benefit or re-invested in the social enterprise
 - Member return on investment
 - More likely to use local supply chains
 - Awel Coop expects to see around £42,000 of community benefit per mW installed per year and an additional £21,000 per mW/year retained locally through interest payments to members.



Public Support for Renewables

- Middlegrunden, Denmark
- Warren and MacFadyen, 2010
- Awel Coop – 100% rate relief from NPT



Community Energy Wales

Public Support for Renewables



Divestment

- Make your money do something good
- www.YnNiteg.cymru
- www.Awel.coop
- One member one vote
- Expected returns of circa 5%.



Ownership does matter

- Owning it is hard work, but it can create future opportunities, such as selling energy locally, electric car charging etc.
- www.ynniogwen.cymru
- Procurement – if you own it you decide. You can prioritise local services, use ethical companies, promote the Welsh language etc.
- You can also borrow money against assets so it can open up new opportunities.



Community Energy Wales

The Five Ways of Working

Long-term

The importance of balancing short-term needs with the needs to safeguard the ability to also meet long-term needs

Integration

Considering how the public body's well-being objectives may impact upon each of the well-being goals, on their objectives, or on the objectives of other public bodies

Involvement

The importance of involving people with an interest in achieving the well-being goals, and ensuring that those people reflect the diversity of the area which the body serves

Collaboration

Acting in collaboration with any other person (or different parts of the body itself) that could help the body to meet its well-being objectives

Prevention

How acting to prevent problems occurring or getting worse may help public bodies meet their objectives

- Welsh Government target of 1 GW of locally owned energy
- All future renewable energy schemes to have an element of local ownership



Challenges of community ownership

- Resources
- Access to land/buildings
- Often restricted to one site
- Access to early stage finance

- Grid access
- Viable projects (No FITs etc.)
- Inconsistent Planning

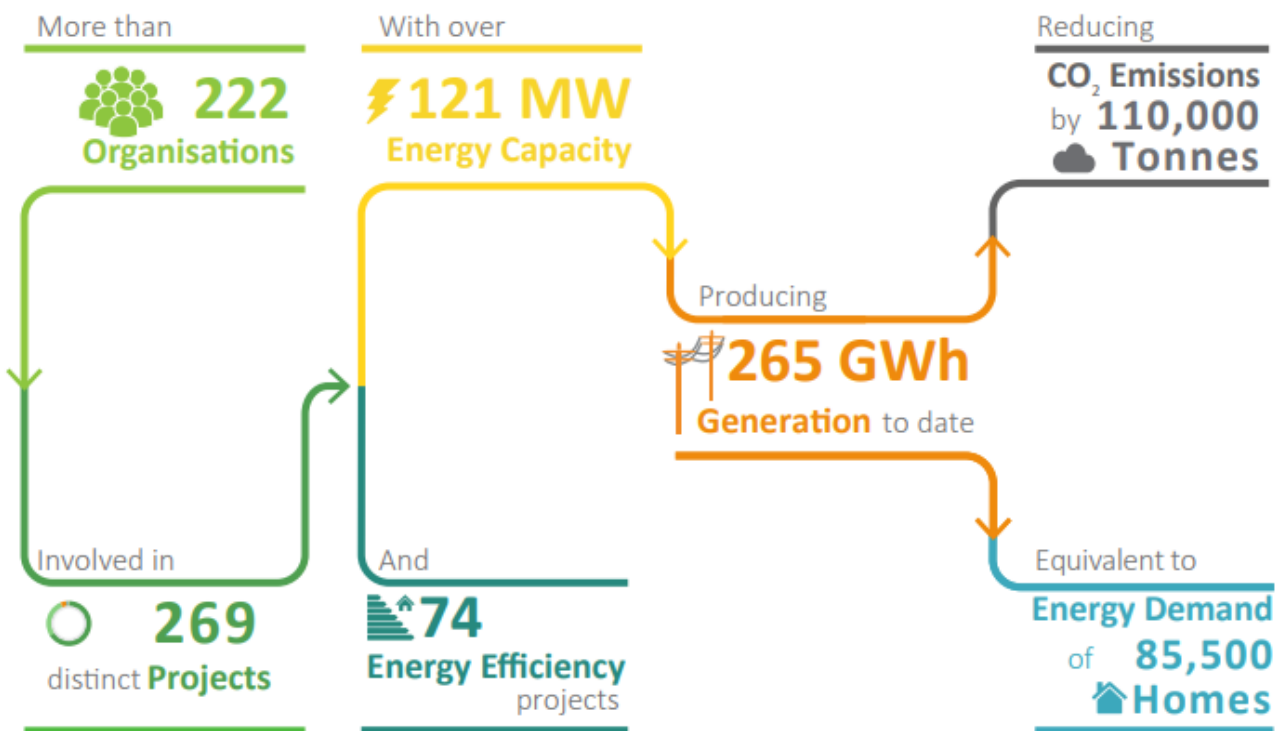


However?

- Over 13.4 MW of installed community owned capacity in Wales
- An increase of over 11MW since 2014.
- 20+ community organisations that have installed generation
- Over £6 million raised in share offers since 2014
- Across England, Wales and Northern Ireland there are over 222 community energy groups with over 30,000 members and 1,700 volunteers.



Community Energy Wales



Community Energy Wales



Supported by

Early Stage **Funding**
 **£1.9M**

Leveraging

 **£190M**
 further **Investment**

 **269**
 distinct **Projects**

Through

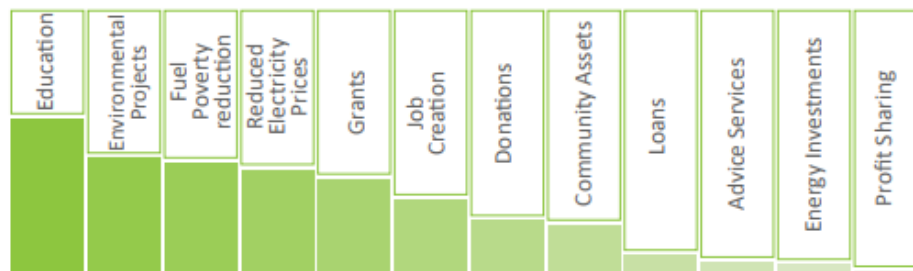


Delivering over

£620K last year in
community benefits

 **127**
 full time **Staff**

Helping to fund



Community Energy Wales

Ownership category	Total capacity (MW)	Capacity (MWe)	Capacity (MWth)	Number of Projects	Estimated generation (MWh)
Community	13.4	13.1	0.3	141	22
Domestic	232.8	174.5	58.3	54,908	299
Farms and Estates	93	12.5	80.6	666	322
Housing Association	11.6	7	4.6	5,655	11
Local Authority	11.7	8.5	3.2	299	33
Local Business	190.7	177.4	13.3	345	520
Other public sector and charity	21.4	4.4	17	406	56
Total	575.7	397.4	177.3	62,420	1,262

Compared to Local Authorities and Housing Associations which have far greater resource, access to land/buildings, access to low cost finance etc. Community Energy in Wales compares very favourably and it demonstrates that as a sector we can deliver.



Community Energy Wales

We have built up the capacity and expertise

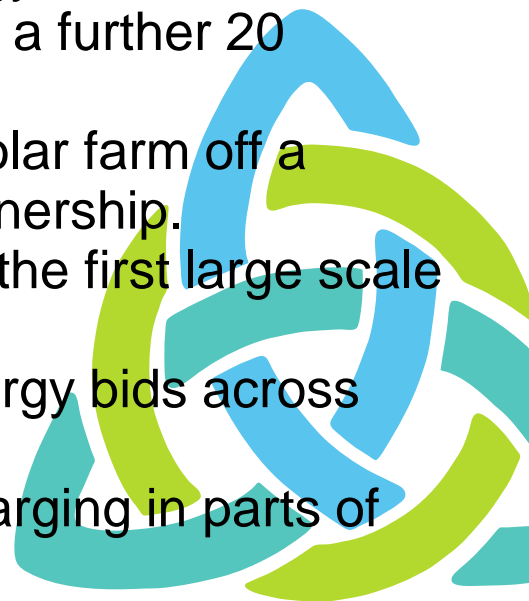
YnNi Teg was a project delivered by CEW in under a year.



Community Energy Wales

We have built up the capacity and expertise

- A community energy group delivered the first Energy Local scheme in Bethesda and now we involved in rolling that out to a further 20 communities in Wales.
- Gower Power are in the process of purchasing a solar farm off a private developer and bringing it back into local ownership.
- CEW are working with a large developer to deliver the first large scale shared ownership project in Wales.
- Our members are involved with several WEFO energy bids across Wales
- Our members are involved in rolling out electric charging in parts of Wales
- We worked with members to get business rate relief for community hydro which were particularly hit by huge rate rises.



What should you do?

- Get in touch if you have potential opportunities where you would like to collaborate with us or our members
- Become a member of CEW.
www.communityenergywales.org.uk
- Join the movement and become a member of a community energy scheme
 - YnNi Teg – www.YnNiTeg.cymru
 - Awel Coop – www.awel.coop



Community Energy Wales

If you are interested in becoming a member or would like further information please contact

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www.communityenergywales.org.uk

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@Commenergywales

