The evolution of community energy

Ivybridge, July 2017
Community energy network

Over 250 community energy groups in Regen network

- Events
- Updates
- Tailored support
- Policy

Find out more or join our network:
www.regensw.co.uk/communities
Key drivers for community energy...
Community energy evolution

- DECC Community energy strategy 2014
- Growth of Regen’s community network
Community energy analysis of the sector

More than 222 organisations

With over 121 MW energy capacity

Reducing CO$_2$ emissions by 110,000 tonnes

Involved in 269 distinct projects

And 74 energy efficiency projects

Producing 265 GWh generation to date

Equivalent to energy demand of 85,500 homes

Community energy analysis of the sector

Supported by

Early Stage **Funding**
£1.9M

Leveraging
£190M
further Investment

269 distinct **Projects**

Delivering over
£620K last year in community benefits

Helping to fund

Helping to fund

127 full time **Staff**

Source: Community Energy England [The State of the Sector Report](#)
Community energy in England and Wales ...

Rural Community Energy Fund grants
RCEF grants awarded to Devon groups - £225,575

Groups developed a pipeline of projects still being pursued in various states of readiness:

- 485kW of rooftop solar
- 9MW split between two solar farms to be transferred to community sector once developed
- 200kW of hydro
- District heating network in Thurlestone
Everyone's looking for new business models
• Feed in Tariff reduced
• Tax relief removed
• Pre-accreditation taken away
• DECC abolished

Community groups are really interested in:
a) Innovation – particularly local supply
b) Storage
c) Energy efficiency

“Three innovations will help us deliver greater flexibility – interconnection, storage, and demand flexibility – which have the potential to displace part of the need for new generating capacity, save money for businesses and domestic consumers and help the UK meet its climate reduction targets. The saving could be as large as £8 billion a year by 2030”.
Lord Andrew Adonis, Chair, The National Infrastructure Commission
Growing your own community energy now ...

The policy changes and reduction in Feed in Tariff mean it’s not easy ... but there are still some opportunities:

• Funding from RCEF - £20k grants for feasibility
• Buy existing renewable energy assets
• Energy efficiency
• Neighbourhood Planning
• New models – local supply, storage, smart grids
• Build your network, engagement is key
Community energy is unstoppable
Contact us
We’re always keen to hear from you. Call us, email or pop in for a cup of tea...

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Further information from Regen

- Energy Storage - Towards a Commercial Model 2nd edition
- Network charging for flexible future
- Report on the future of distribution networks
- Local Supply
- Rough Guide to Engaging Communities in Energy Network Innovation