

Community Energy

State of the Sector

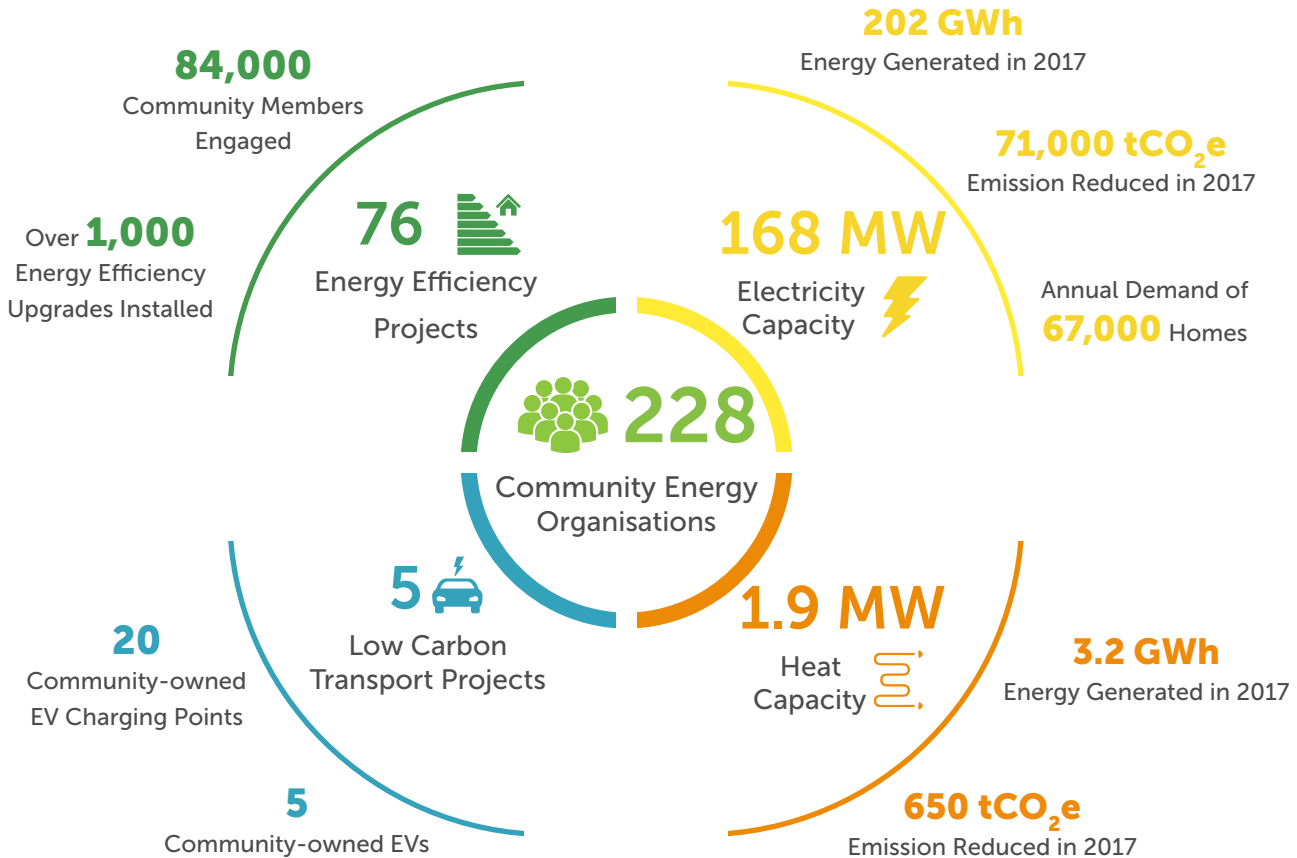
2018



Infographic
Booklet



OVERVIEW





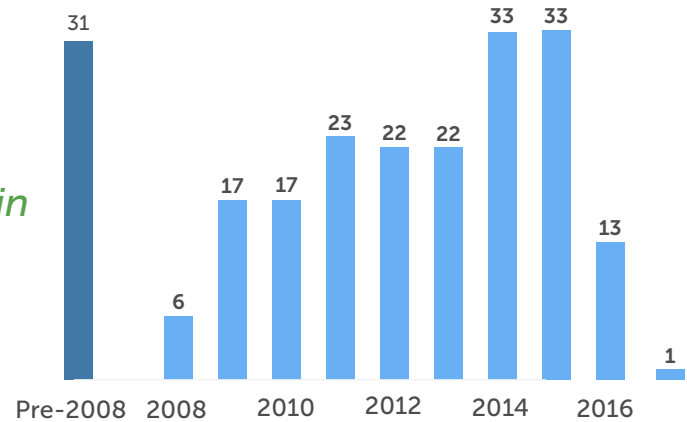
ORGANISATIONS



Organisation Structure



Organisations
Founded in



- Charity
- Co-operative
- Community Interest Company (CIC)
- Unregistered / Unincorporated
- Community Benefit Society (BenCom)
- Other





Organisation Numbers



Organisations

with over



Members

employing



Full Time Staff

supported by over



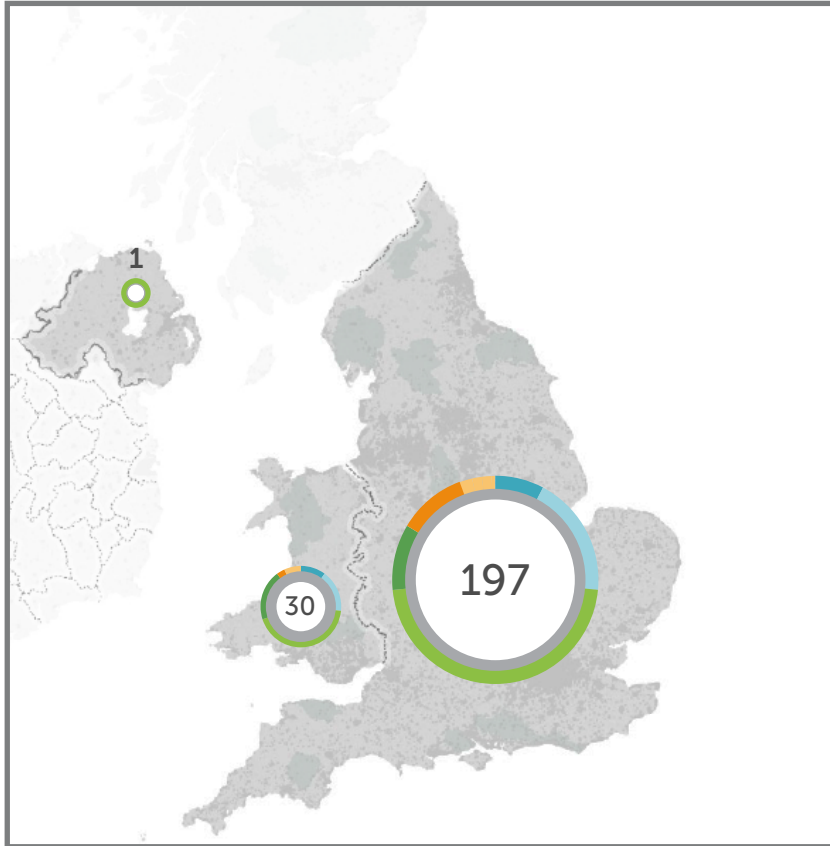
Volunteers





Organisation Structure by Region

Community
Energy
England



- Charity
- Co-operative
- Community Benefit Society
- Community Interest Company
- Unregistered / Unincorporated
- Other

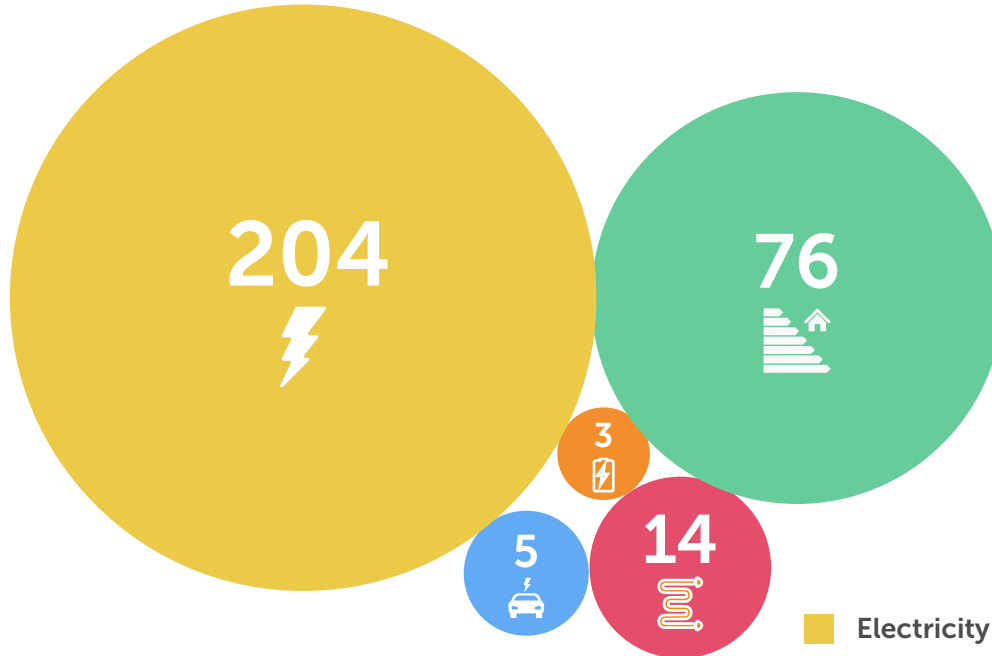




COMMUNITY ENERGY ACTIVITIES



Low Carbon Activities

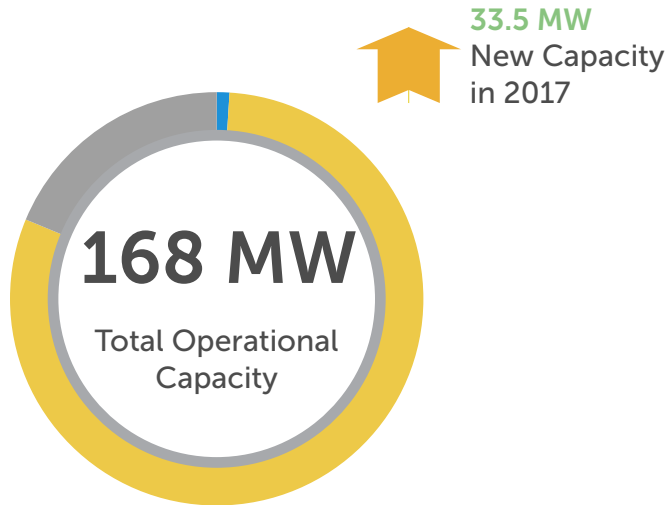


- Electricity Generation
- Energy Efficiency / Demand Management
- Heat Generation
- Low Carbon Transport
- Energy Storage





Electricity Generation



- Solar PV
- Wind
- Hydro



Generating



Capable of powering



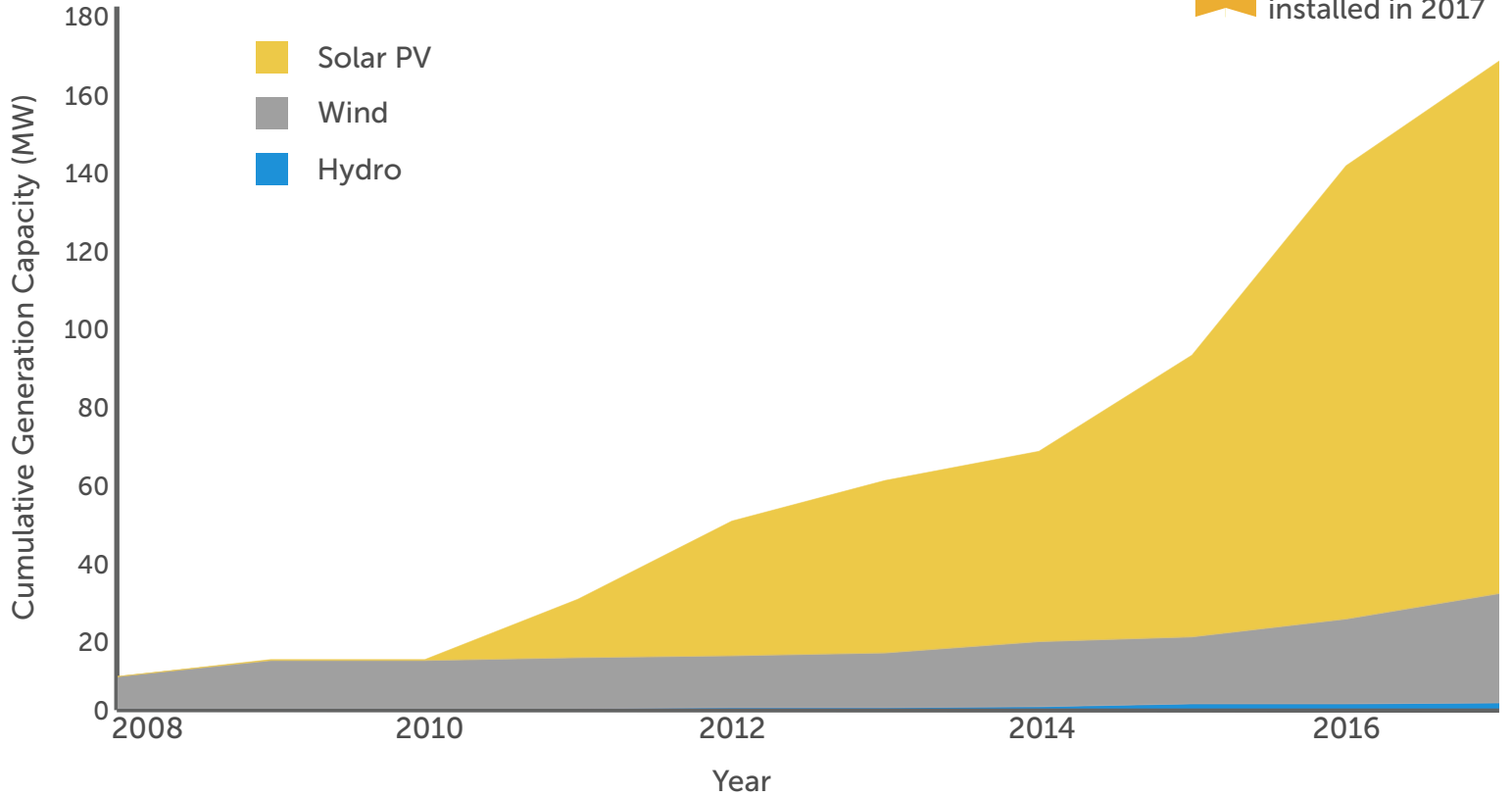
Reducing





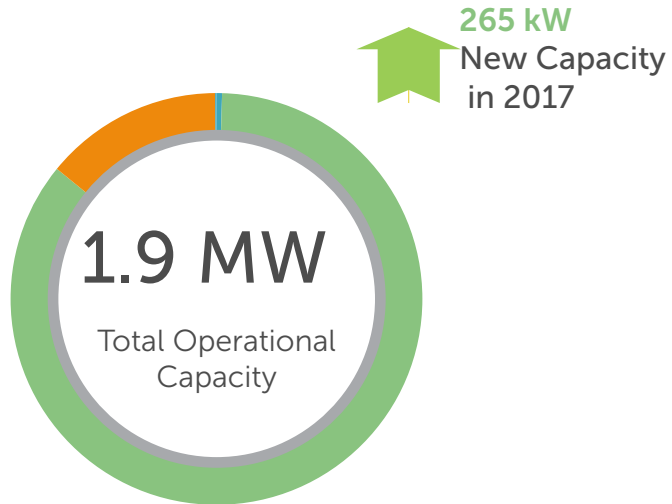
Electricity Generation 2008 - Present




 15 new projects
installed in 2017





Heat Generation



-  Biomass
-  Ground Source Heat Pump
-  Air Source Heat Pump



Generating



Including



Reducing

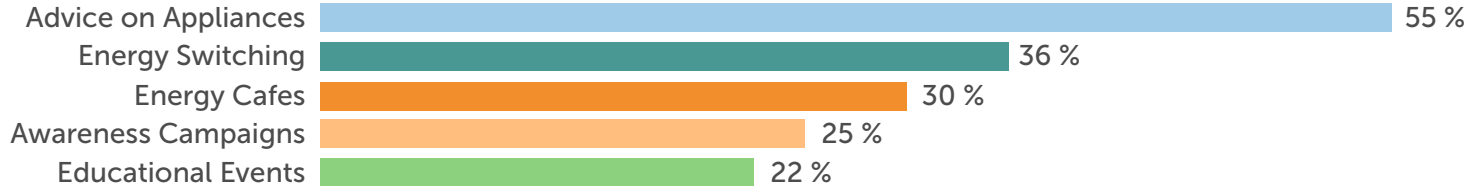




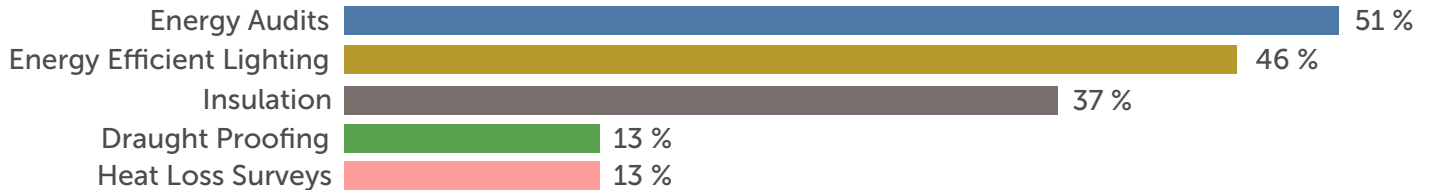
Energy Efficiency Activities



Advice & Support



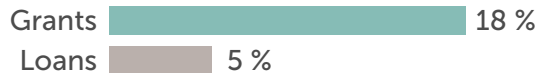
Services



Demand Management



Funding



Percentage of total respondents (76) who selected the above in a multiple choice survey question





FUNDING & INVESTMENT



Project Funding



£40,000

Rural Community Energy Fund (RCEF)



£81,000

Ynni Lleol (Wales)



£178,000

Other Funders

-  Government Funding
-  Other Development Funding





Project Finance



£6,885,000

Loans



£3,467,000

Bonds / Debentures



£2,926,000

Community Shares



£977,000

Other

(incl. Self Funding & Grants)





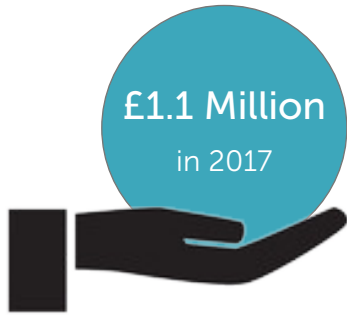
COMMUNITY BENEFITS



Community Outcomes



Community Benefit Funding worth



Used for

Education Initiatives 	Community Assets 	Reduced Electricity Price 	Support Local Services
Improving the local environment 	Reducing Carbon Emissions 	Job Creation 	Reducing Fuel Poverty
Donations 			

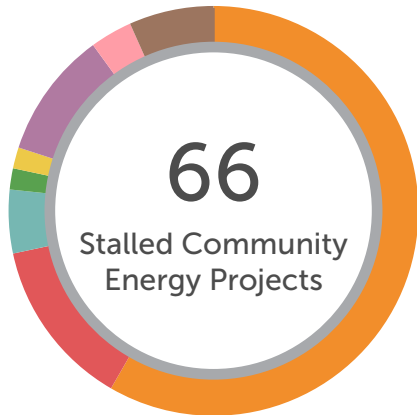




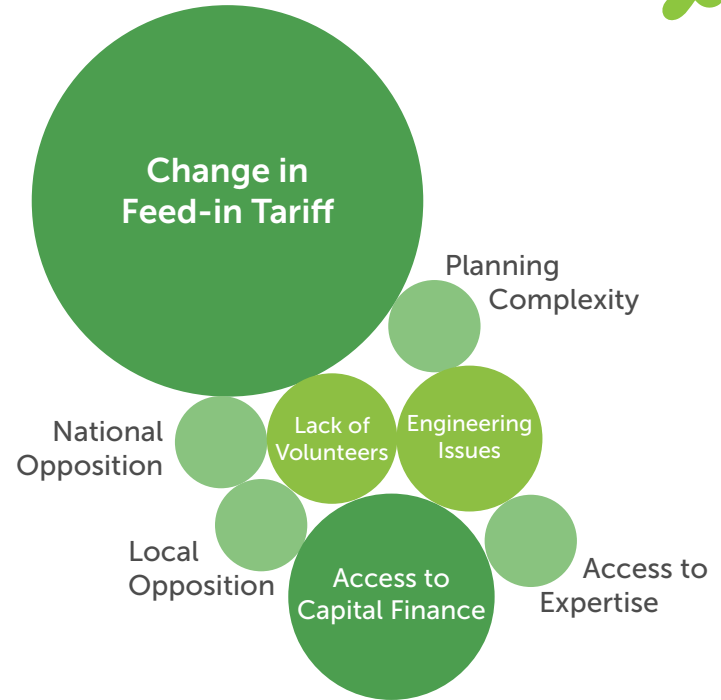
POLICY, BARRIERS & OUTLOOK



Stalled Projects



Due to



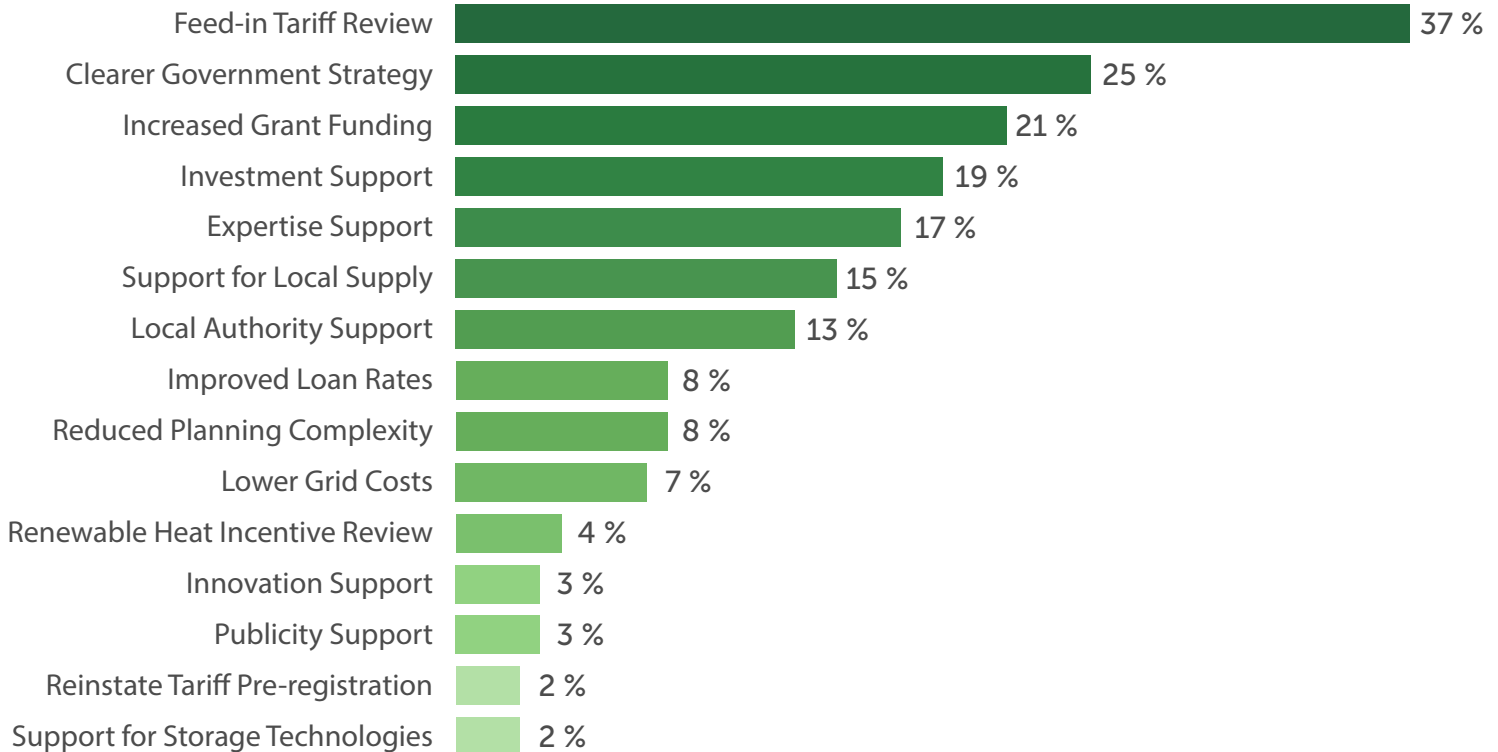
- | | |
|-----------------|------------------|
| Pre-feasibility | Legal |
| Feasibility | Financing |
| Grid Connection | Pre-construction |
| Planning | Operation |





Future Support

In future, community energy organisations would like to see...



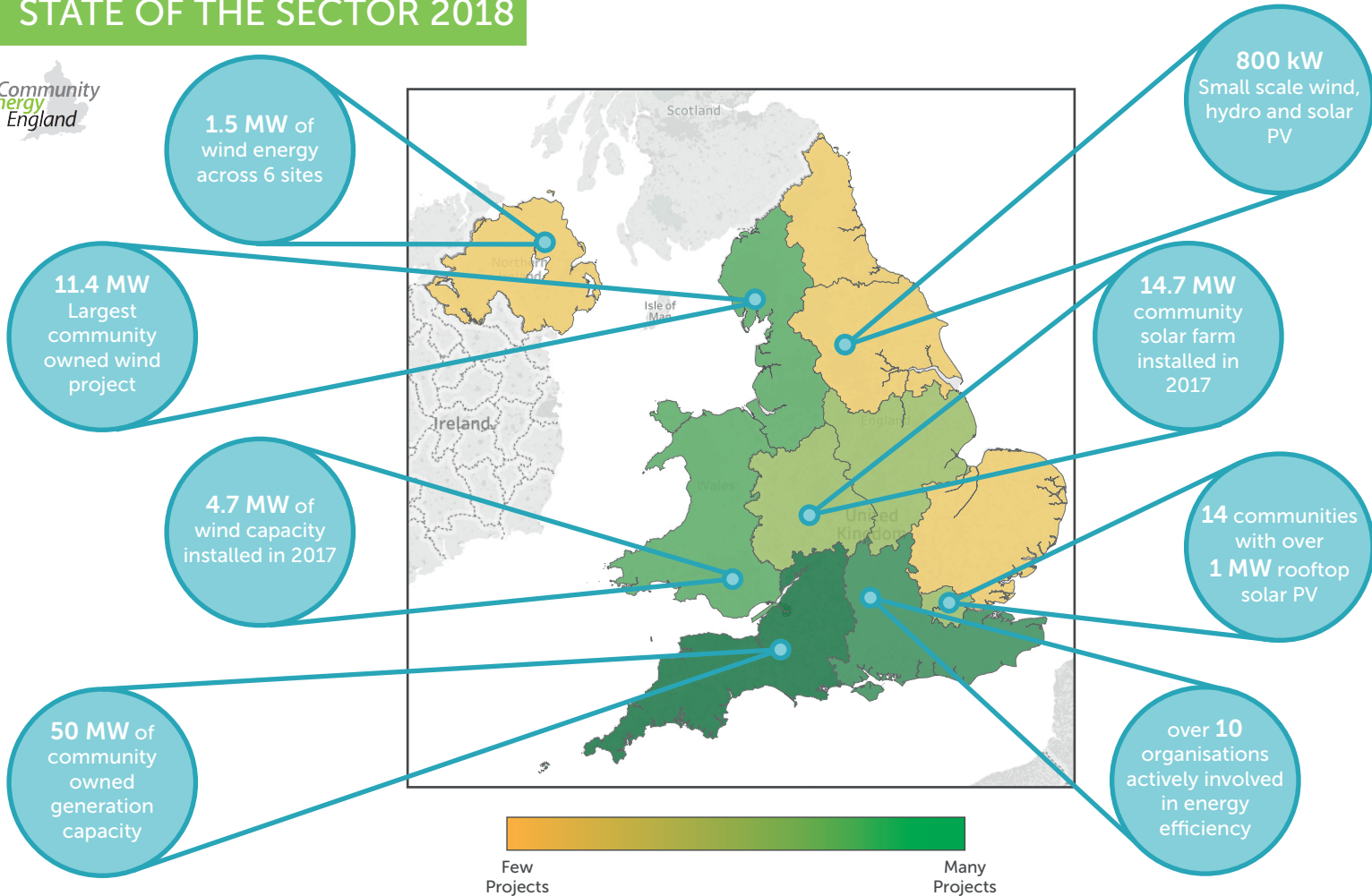


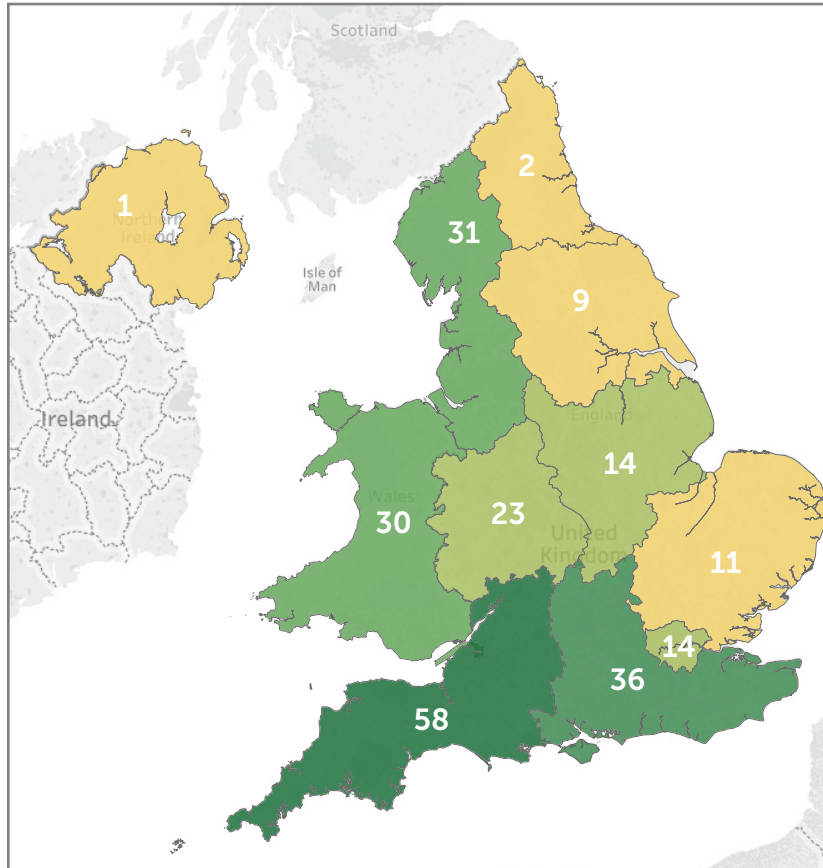
GEOGRAPHY OF COMMUNITY ENERGY

Community Energy

STATE OF THE SECTOR 2018

Community Energy England



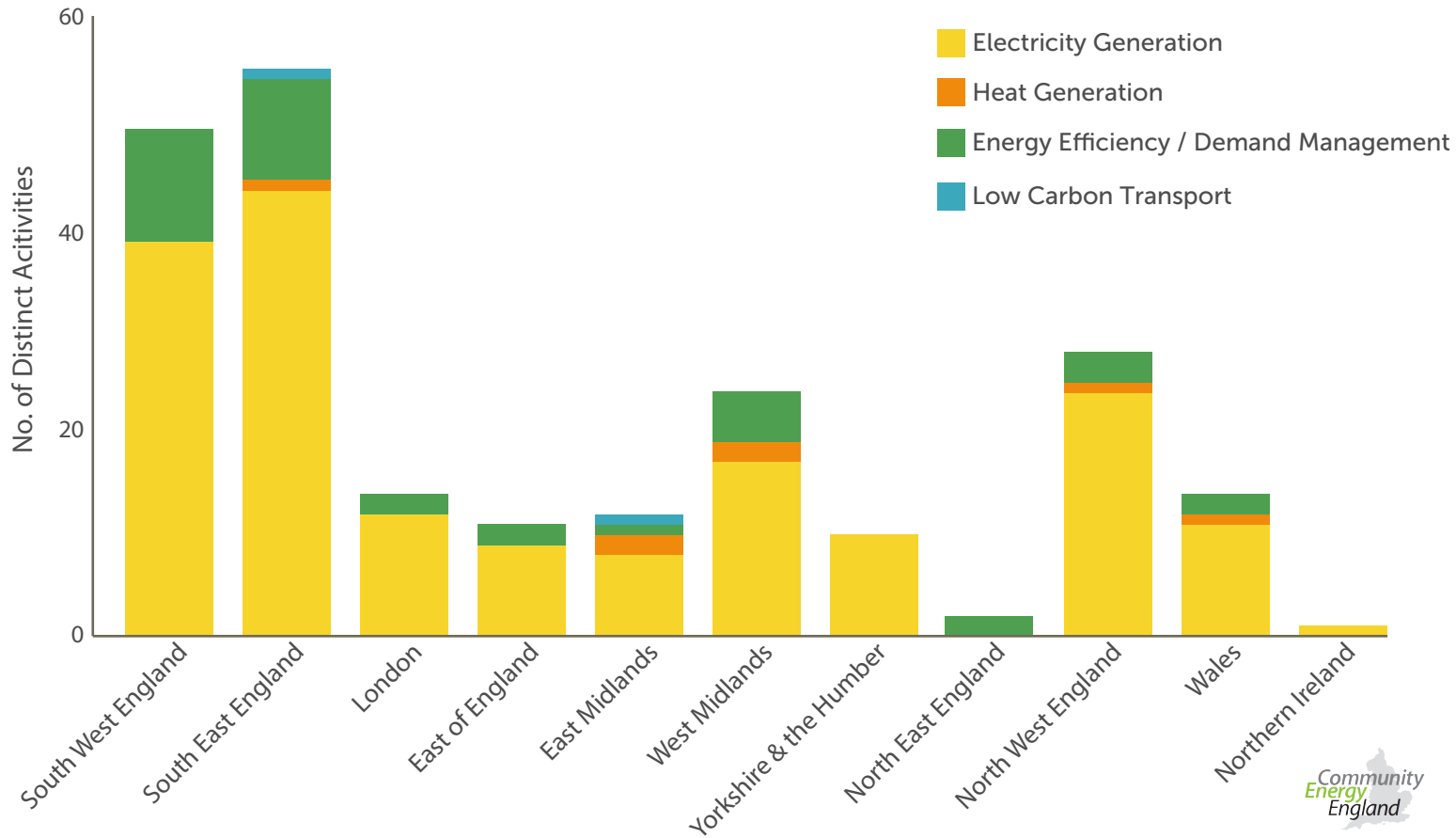


X Number of Community Energy Organisations





Primary Activity by UK Region

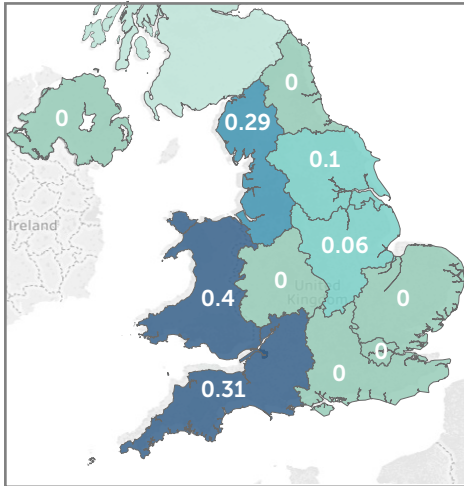




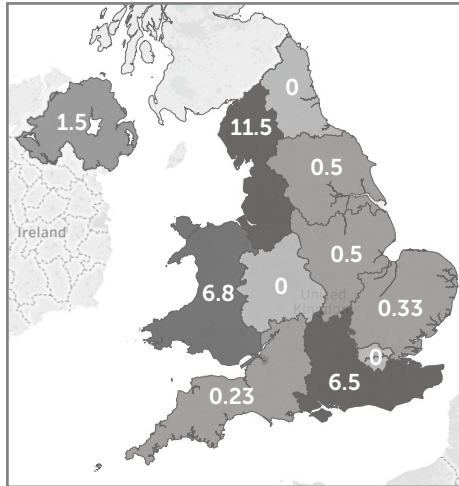
Regional Capacity by Technology

Community
Energy
England

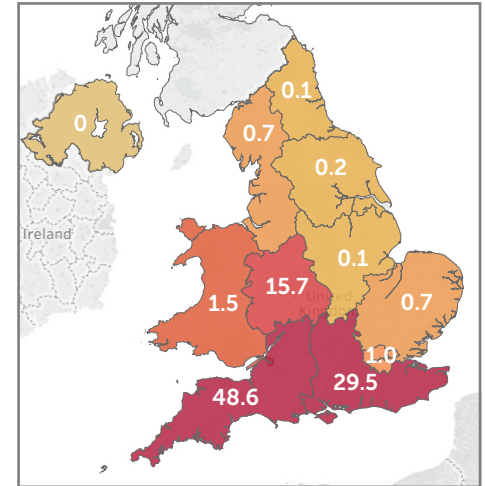
Hydro



Wind



Solar PV



0.5

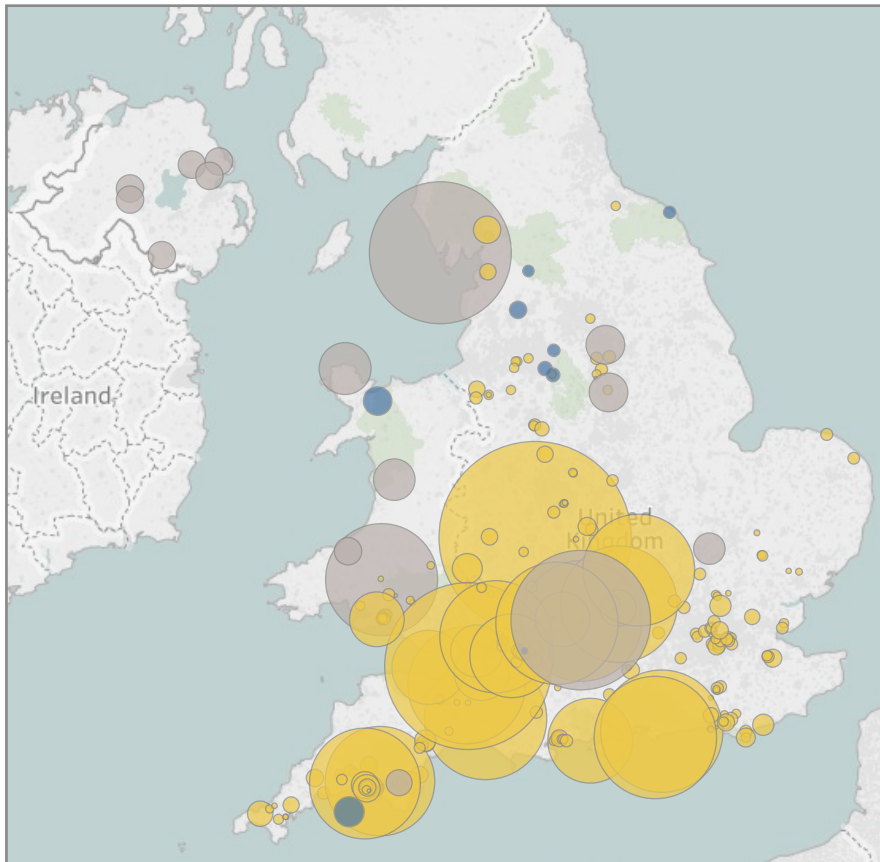
Generation Capacity (MW)













Generation Site Map

Community
Energy
England

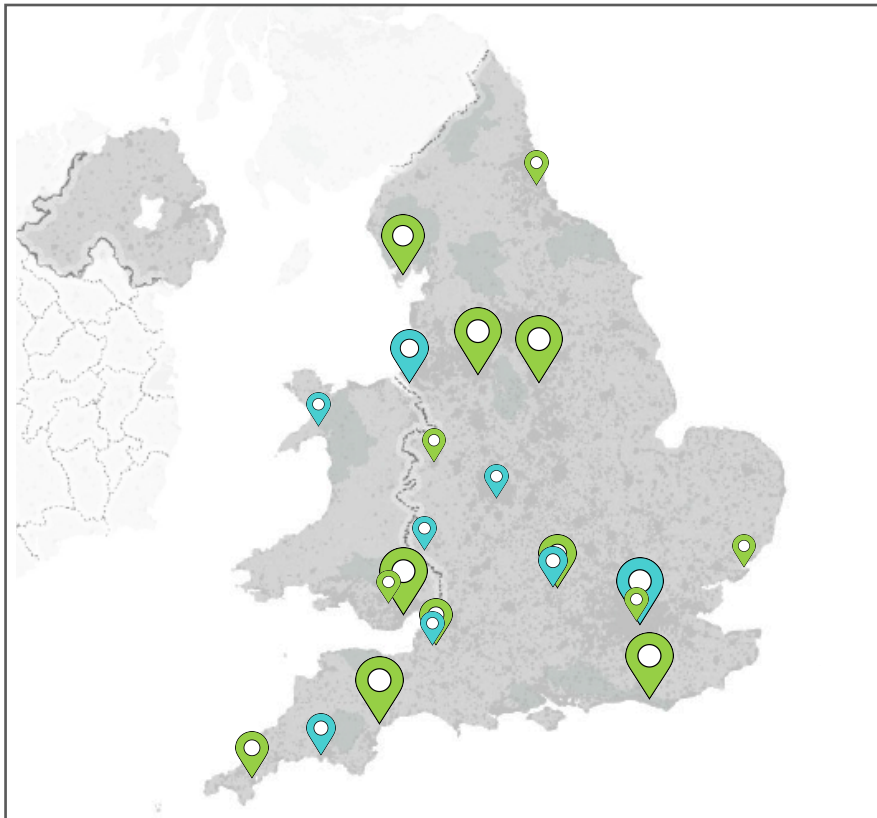


-  Solar PV
-  Wind
-  Hydro

-  1 MW
-  2 MW
-  4 MW
-  6 MW
-  10 MW



Regional Support and Networks



Umbrella / Supporting Organisation



Community Energy Network

Number of affiliated community organisations

Fewer

More





Join Us

Community Energy England (CEE) and Community Energy Wales (CEW) are membership organisations established to provide a voice for the community energy sector in England and Wales respectively. CEE and CEW work closely together, as well as with other partners, to help to create the conditions within which community energy can flourish.

You can help CEE and CEW to succeed in their shared mission to support and accelerate the transition to a fair, low carbon and community-led energy system by joining them. Membership of CEE and / or CEW is inclusive and is open to any organisation that is committed to the development of the community energy sector in England, Wales and beyond.

 www.communityenergyengland.org

 Comm1nrg

 +44 (0)114 312 2248

 info@communityenergyengland.org