



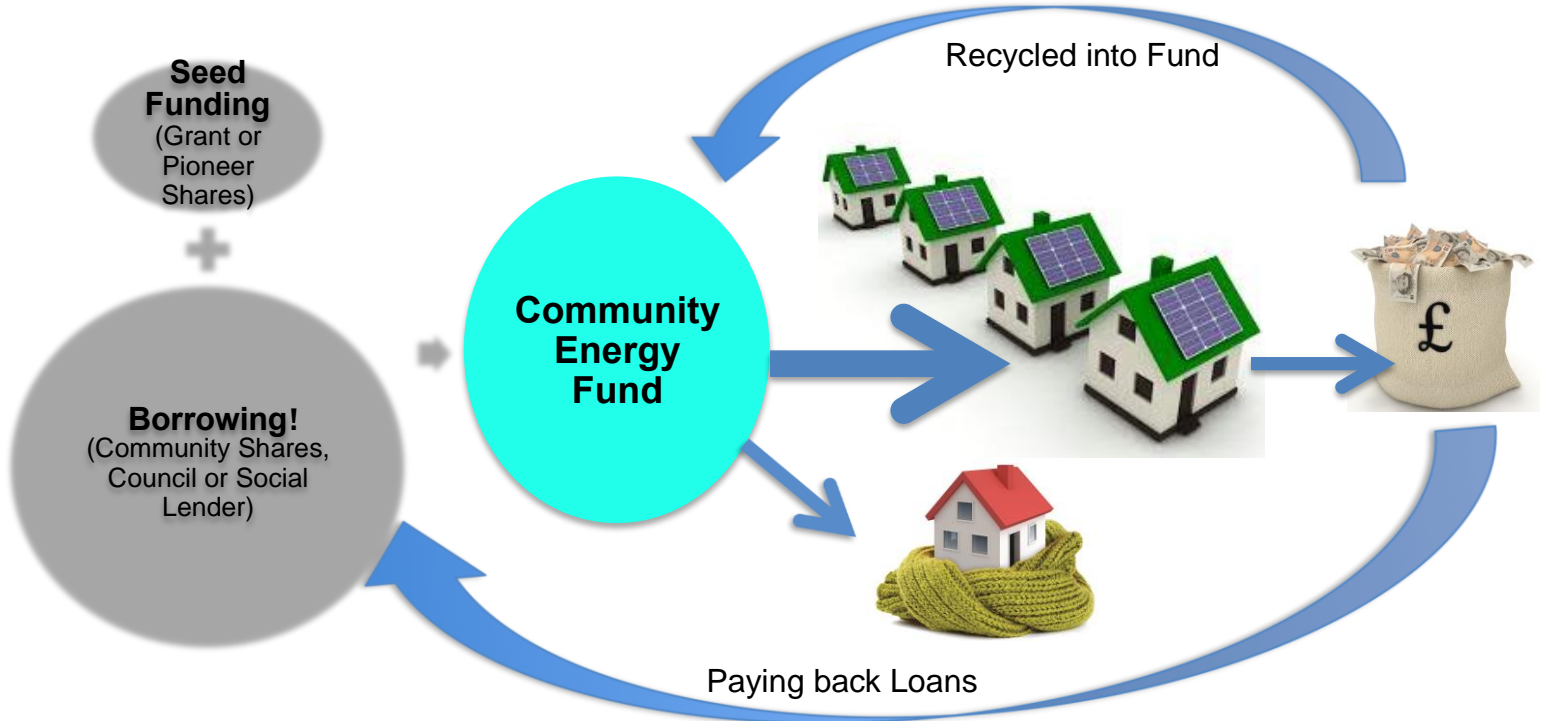
Community Energy in a time of Austerity

The benefits for Local Authorities

Gill Fenna
11th October 2017

Quantum

Community Energy – a new finance mechanism





Published 2017

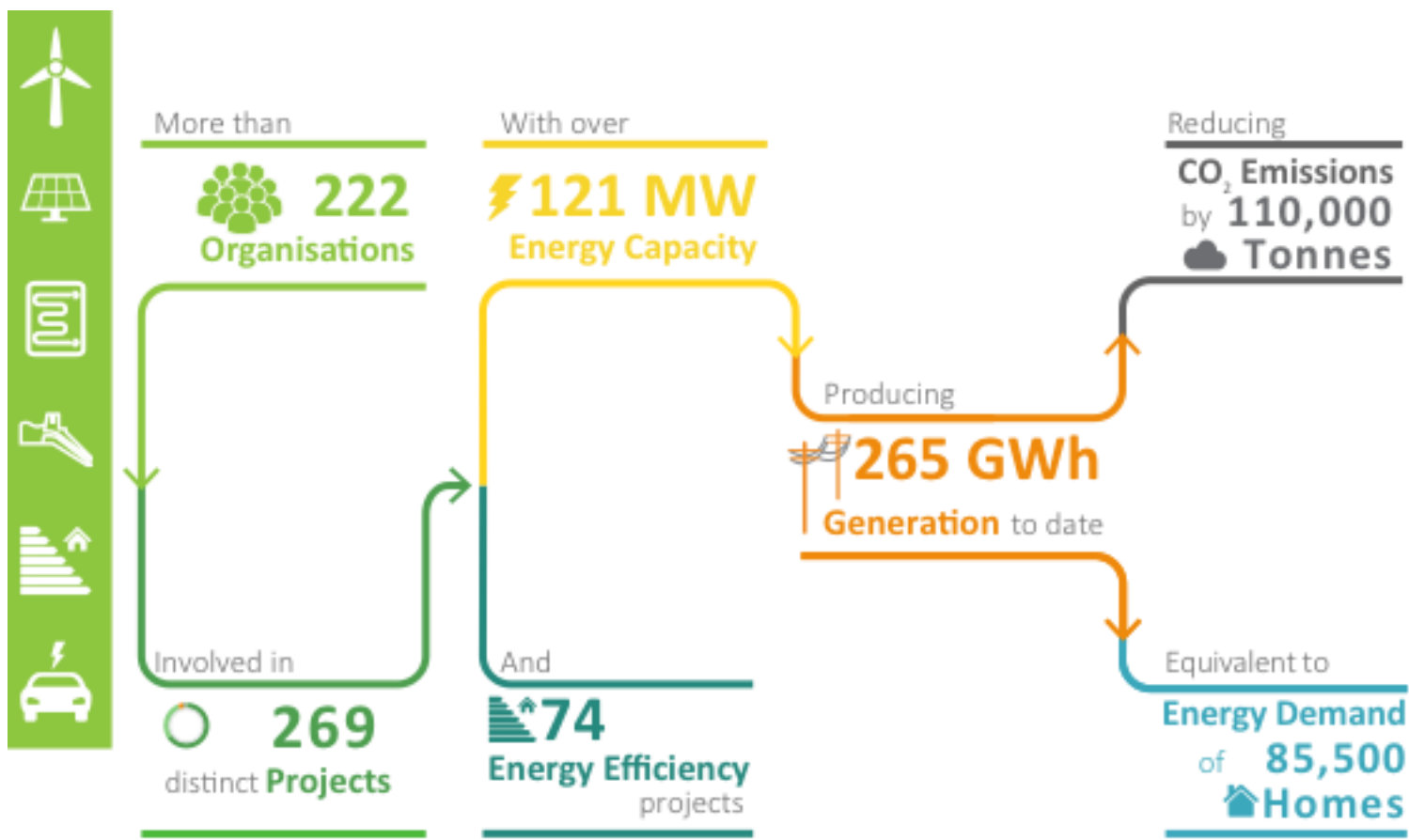
COMMUNITY ENERGY STATE OF THE SECTOR



A study of community energy in
England, Wales and Northern Ireland

Infographic Booklet







Supported by

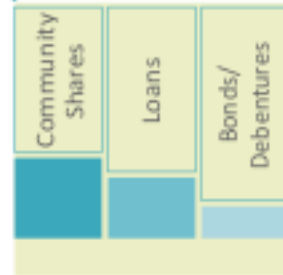
Early Stage **Funding**
 **£1.9M**

Leveraging

 **£190M**
 further **Investment**

 **269**
 distinct **Projects**

Through

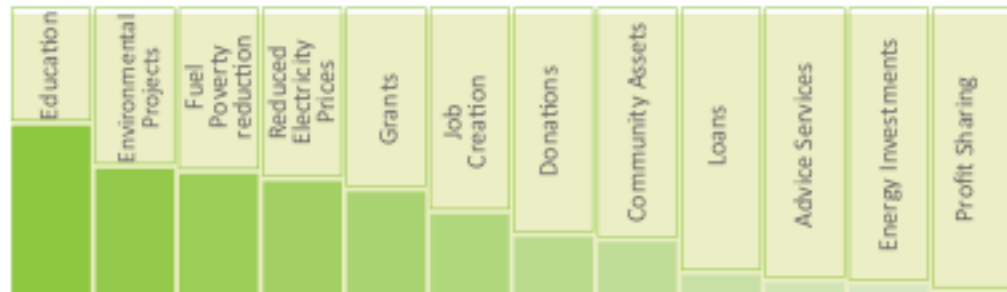


Delivering over

£620K last year in
community benefits

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

Helping to fund



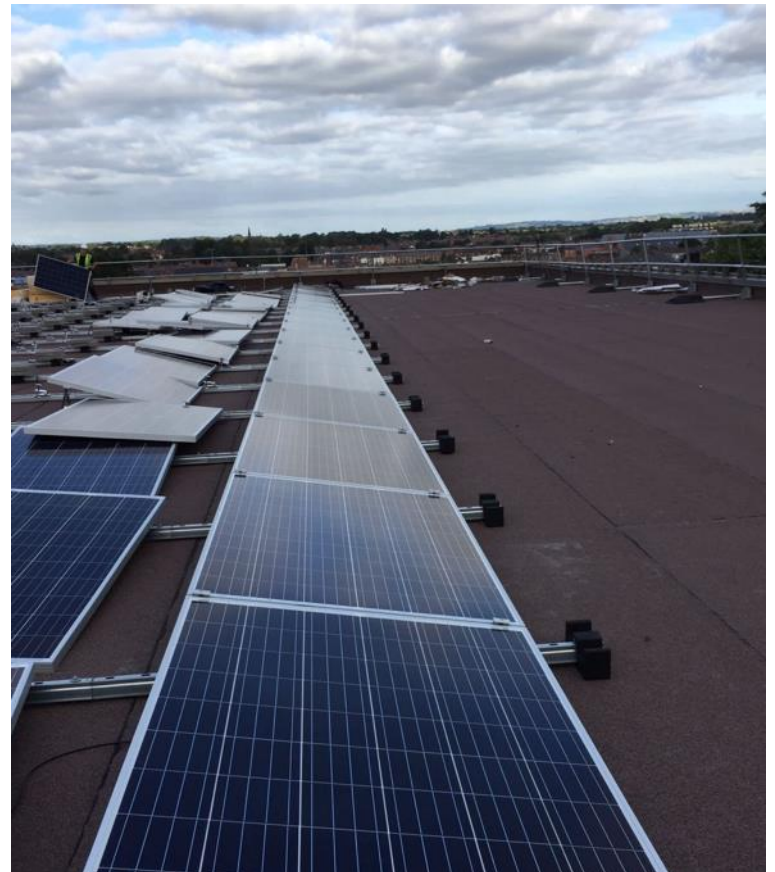
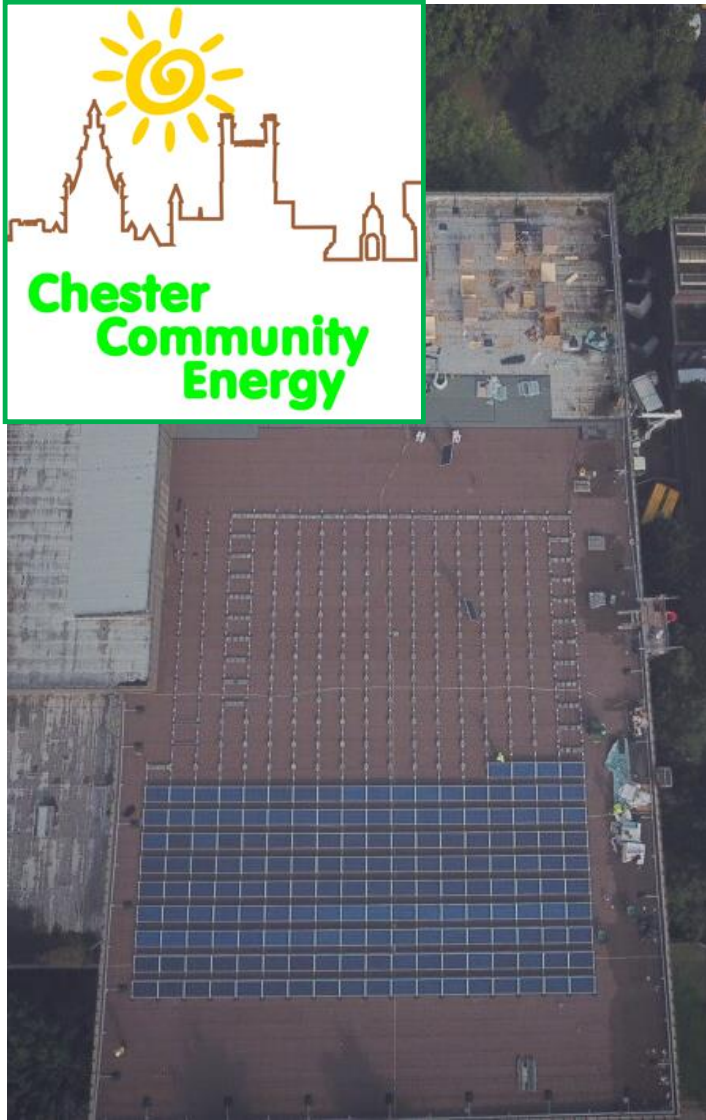




3 share offers raising £180,000

- 89 kW PV at Lancaster Cohousing: private wire supply to 42 homes plus businesses
- 20kW biomass boiler at Horton Women's Holiday Centre
- 10kW PV plus solar thermal at Lancaster Boys & Girls Club





Cheshire West
and Chester

Quantum

Burneside Community Energy

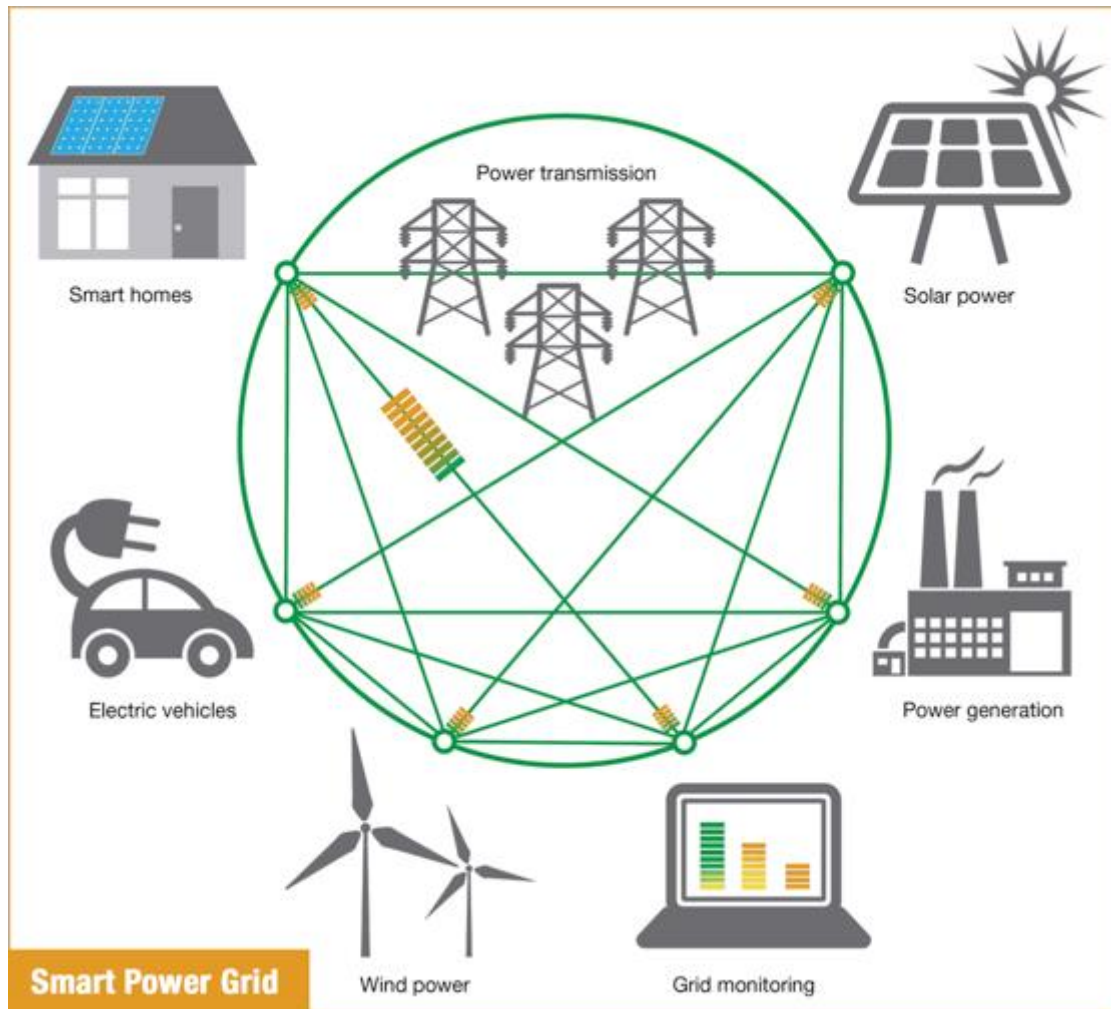


£4+ million investment:

- District heat network
- PV plus private wire network
- EV charging
- Electricity & heat storage
- Local energy supply company



Infrastructure for the Future



Opportunities for Local Authorities

- External investment in energy projects
 - Cost reduction with no upfront capital
- External investment to improve carbon performance of new developments
- Growing funds for community projects



Partnering with Community Energy

- **Sites:** council buildings & land
- **Energy Purchase:** direct or sleeved
- **Support:** leases, kick-starter loans
- **Economic development:** partnering with large businesses
- **Planning:** incorporating renewable energy into new developments
- **Finance:** pension funds, co-financing

A Resilient and Responsive Sector

....Presentation from 2016

- Plan for zero FITs
- PV price reductions
- Direct sales
- Indirect sales & aggregation
- Bigger schemes
- Maximising on-site use – storage
- Energy savings

We're not going away!

- How do we fit into smart energy of the future?

Questions

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