

Southport Community Energy Wind Turbine Project

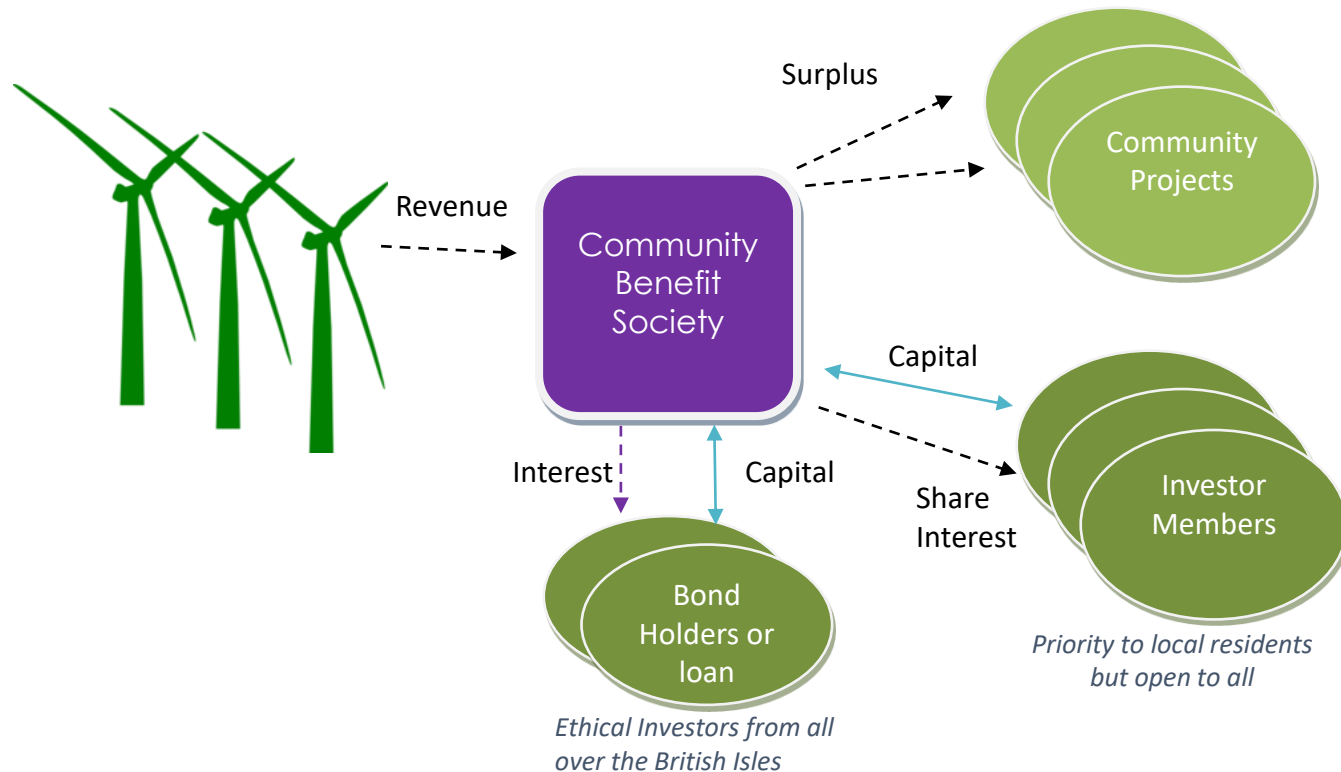


Shareenergy: a Shrewsbury-based co-operative helping people to set up renewable energy Societies across the UK

- Finding projects
- Setting up the Society
- Business planning
- Share offers
- Administration



What is community energy? Simple Co-op Structure



We expect to raise around 50% of capital required from shares,
The rest from loans or bonds. All capital will be repaid over about 15 years.

Achieving Net Zero Carbon:

Action has to happen now

– we're already at 1.2°C warming.

40% of emissions come from communities.

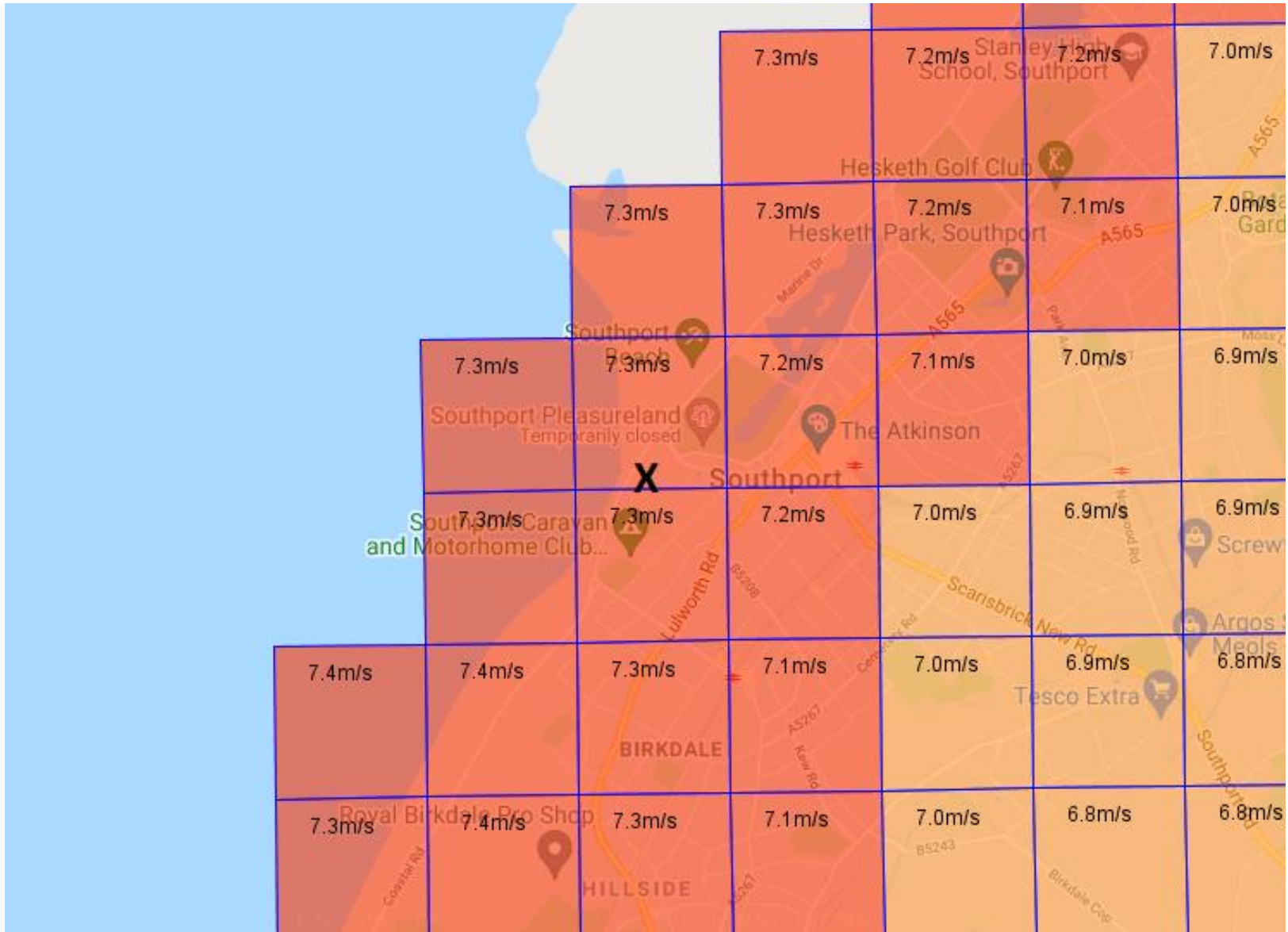
The next 5 years are the most important in the challenge of decarbonisation.

ZCLCR obtained a Rural Community Energy Fund (RCEF) grant mid 2021, & a Stage 2 Grant in 2022.



These have been used for;

- 1, Consultation with local community.
- 2, Wind constraints study.
- 3, Financial & technical case for a replacement wind turbine.
- 4, Consideration of how we can support the Dunes/Splashworld leisure centre.



Southport Community Energy



shar@energy

The EWT turbine is rated at just under 1MW
(1,000 kiloWatts)

It should generate 2,613,300 kWh per year

Of which 25% could be used by
Dunes/Splashworld

With the rest exported to the grid.

The amount used in the leisure centre could
be higher if they fit heat pumps or electric
vehicle chargers.

The EWT 1MW turbine would cost £2.5 million
Including some development costs, grid connection, installation,

It should earn £7 million over 20 years

With £2.4 million of running costs

& £1.1 million paid out in interest at around 4%

This leaves around £1 million for a
Community Benefit Fund,

(surpluses will be small for the first ten years
then build gradually in years 11-20)

The turbine will also save money for the leisure centre, around £40,000 per year.

And give significant carbon reductions.

These savings will increase if the leisure centre fits heat pumps and/or EV car chargers.

Southport Community Energy is a
registered Community Benefit Society (CBS)
Registration Number 8918.

The objects of the society are
*to carry on any business for the benefit of the
community by promoting, facilitating and developing
community owned renewable energy, low carbon
energy and energy efficiency projects, concentrated
in Southport and its environs.*

A CBS is like a Co-operative but rather than the benefits accruing to its members, they accrue to the 'community'
(as defined in the society's objectives)

The CBS can pay interest on the share capital but it can't offer bonuses or dividends to members when performance is good.



With a CBS, like any co-op it is one member one vote, so everyone who buys at least one share can vote at an AGM.

The minimum investment might be £50 or £100, the maximum investment is £100k.

A CBS is regulated by the Financial Conducts Authority (FCA) and investments are not protected. So investors are advised to spread their money across several schemes to spread the risk.