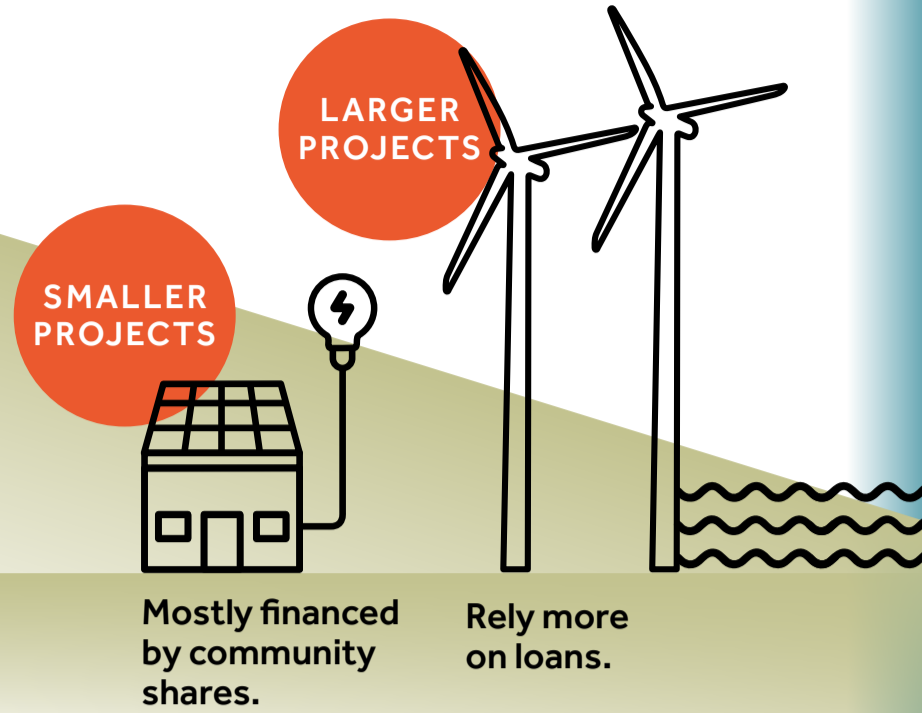


UK Community Energy Business Models: Key Facts

THERE ARE THREE BASIC COMMUNITY ENERGY BUSINESS MODELS

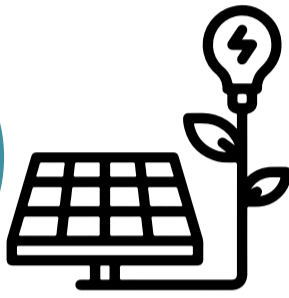
- 1 STANDALONE RENEWABLES
e.g. wind or hydro turbines.
- 2 ON-SITE CUSTOMER RENEWABLES
e.g. solar rooftop PV.
- 3 DEMAND-SIDE ACTIVITIES
e.g. home insulation and energy efficiency.



AVERAGE SIZE COMMUNITY RENEWABLES PROJECTS
(IN ELECTRICITY GENERATION CAPACITY)

HYDRO
163kw

SOLAR
GROUND
MOUNT
3,428kw



SOLAR
ROOFTOP
74kw



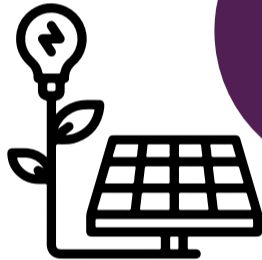
WIND
1,862kw



AVERAGES BASED ON...

HYDRO

12

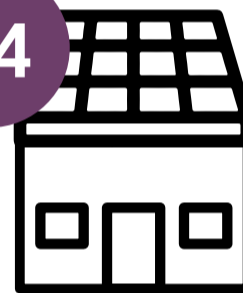


SOLAR
GROUND
MOUNT

4

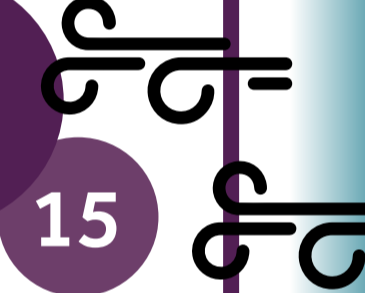
SOLAR
ROOFTOP

84



WIND

15



COMMUNITY SHARES RAISED
92% OF THE COST OF PROJECTS COSTING LESS THAN £200K,
BUT ONLY 28% OF THE COST OF PROJECTS
COSTING MORE THAN £200K.

CITIZEN FINANCE
IS CHEAPER THAN
COMMERCIAL FINANCE
Community shares offer interest
rates that are, on average,

2%



two percentage points
lower than loans.

RIGHT NOW THE BEST OPTION FOR
COMMUNITY ENERGY WITHOUT
FEED-IN-TARIFFS IS SOLAR PV ON
THE ROOFS OF BUILDINGS WITH
HIGH DAYTIME ELECTRICITY USE



92%

of projects
in financial
surplus with
Feed-in Tariff
scheme (FITs).

Only
20%

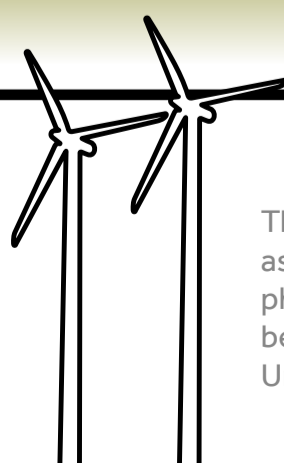
of projects
in financial
surplus without
Feed-in Tariff
scheme (FITs).

NEW MEASURES TO PROVIDE PRICE STABILITY FOR RENEWABLE ELECTRICITY,
AND NEW BUSINESS MODELS BEYOND RENEWABLE ELECTRICITY GENERATION,
CAN HELP COMMUNITY ENERGY GROW FURTHER.

FOR MORE DETAIL SEE:

Business Models and Financial Characteristics of
Community Energy in the UK. Nature Energy vol 5 no 2.

Price support allows communities to raise low-cost
citizen finance for renewable energy projects,
Nature Energy Policy Brief.



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