



BWCE community owned wind webinar

Jodie Giles
28/1/21

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Regen

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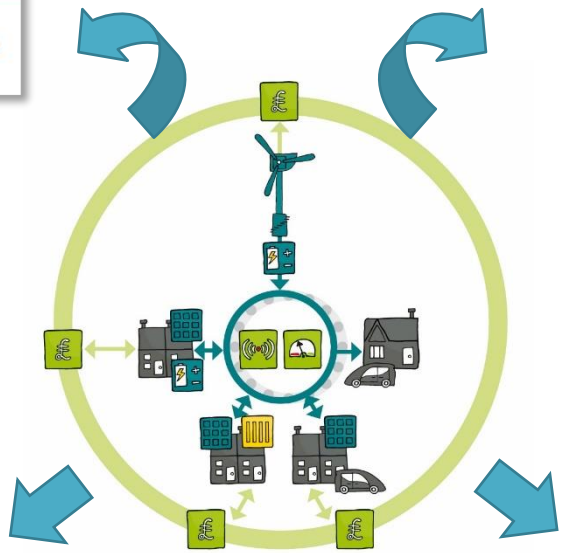
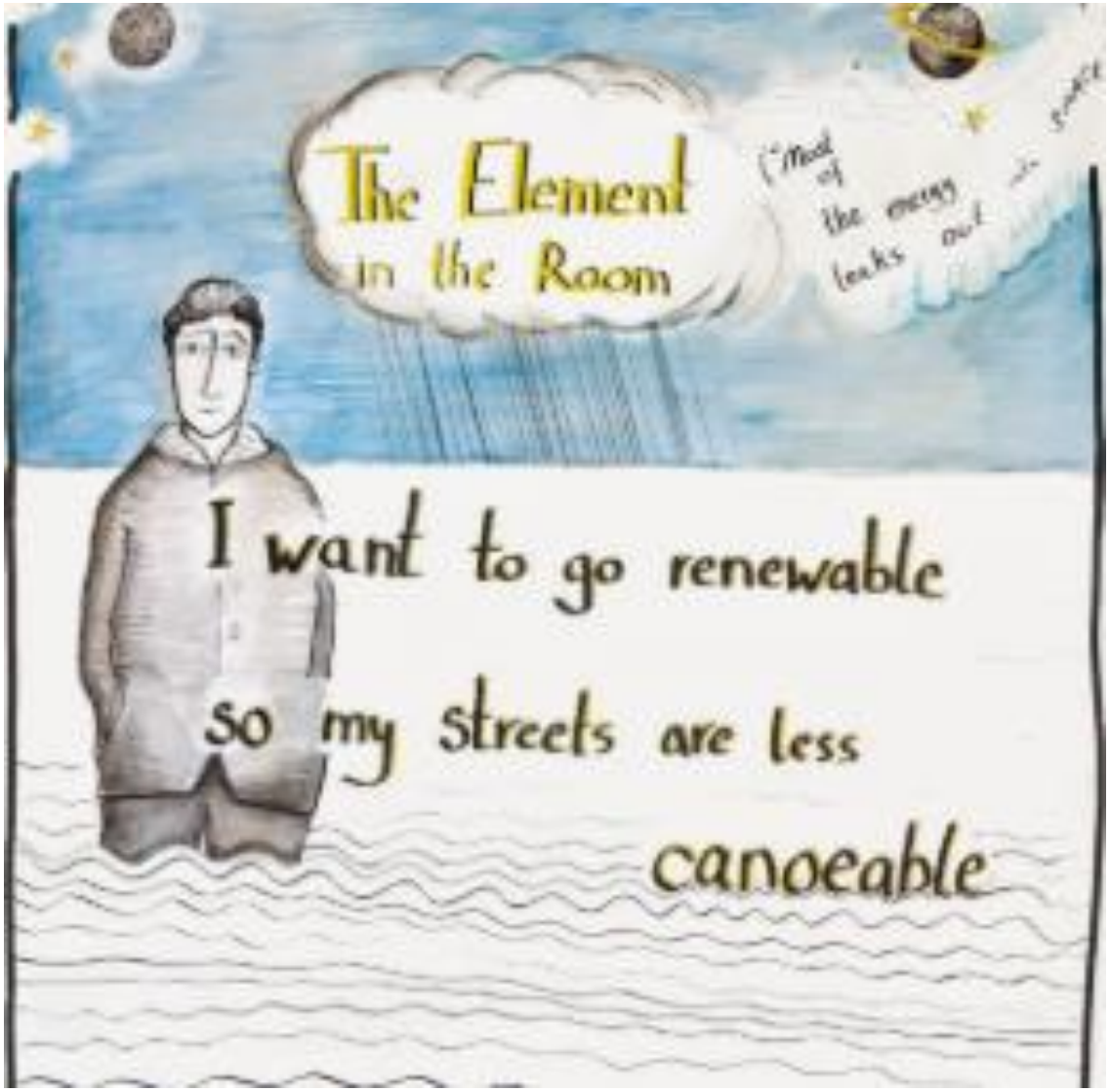


Why wind …


The Element in the Room
I want to go renewable
so my streets are less
canoeable

Wind is cheap

The government's latest levelised cost (lifetime cost) of electricity generation figures:

- £46 MWh for onshore wind
- £85 MWh for gas and
- £95 MWh for nuclear

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/911817/electricity-generation-cost-report-2020.pdf

Wind is popular

The British public are over five times more likely to strongly support than to strongly oppose large scale renewables developments in their area

73% of the population supporting on-shore wind

7% opposing it

(BEIS survey November 2020)

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/934647/BEIS_PAT_W35_-_Key_findings.pdf

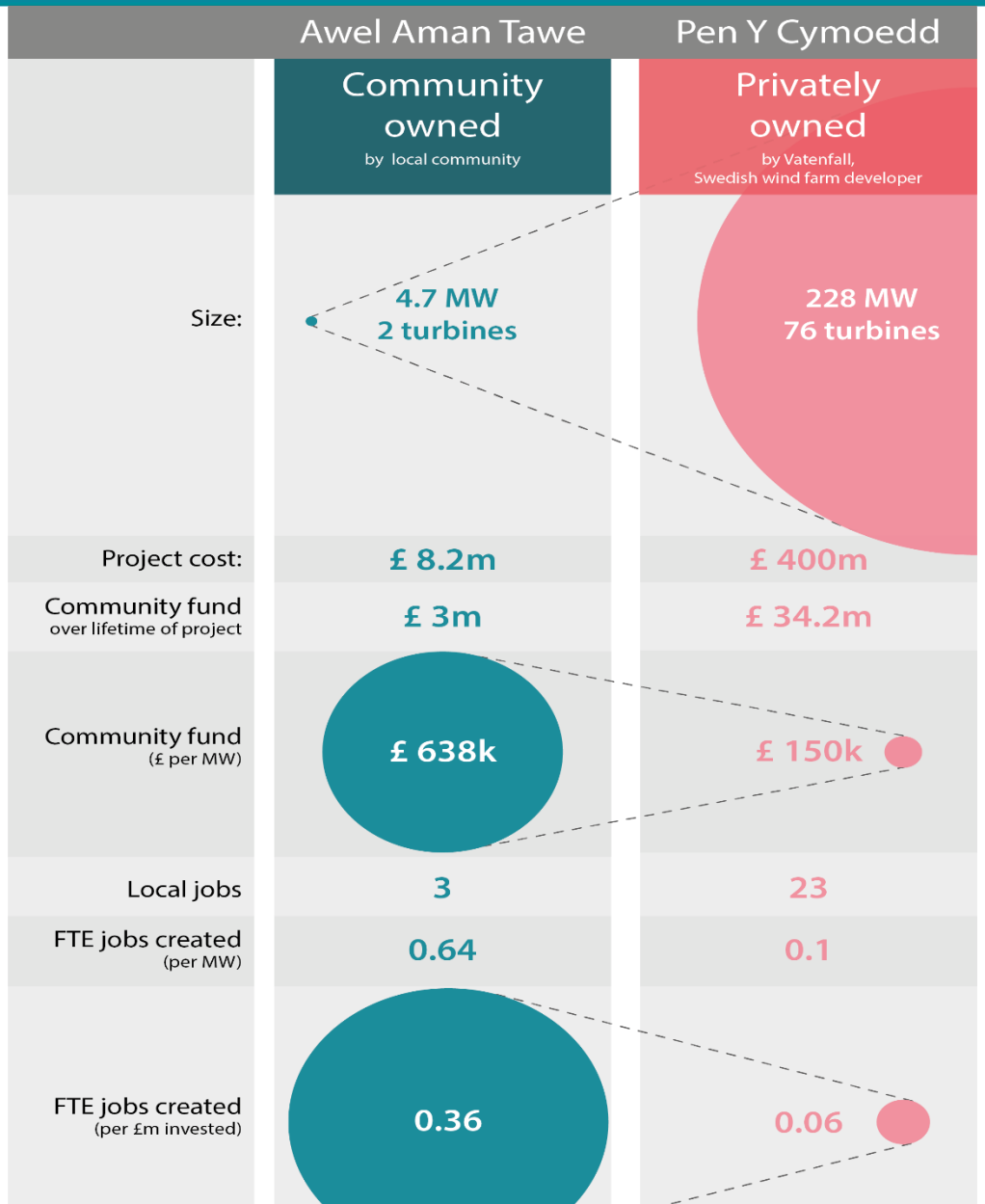
Common myths about wind

"Climate change poses the single greatest long-term threat to birds and other wildlife, and the RSPB recognises the essential role of renewable energy in addressing this problem... Wind power has a significant role to play in the UK's fight against climate change and we will work with Government and developers to ensure this outcome... We support local solutions which enable individuals and communities to generate their own power close to their homes and businesses. But we will also need large-scale deployment of renewables to meet our ambitious climate and renewables targets" RSPB

The National Grid (NG) has set a target for a zero carbon grid by 2025 and has been dealing with peaks and troughs in supply and demand for a long time. The number of renewables on the system has increased from 8% to up to 40% in the last few years, and NG are becoming better at predicting and managing variable electricity supply from different sources and different areas: if the wind isn't blowing or the sun isn't shining near you, it probably is elsewhere in the UK. Also, as we decarbonise our energy system, storage is becoming increasingly important.

https://www.nationalgrideso.com/research-publications/etys-2020

The benefits of wind



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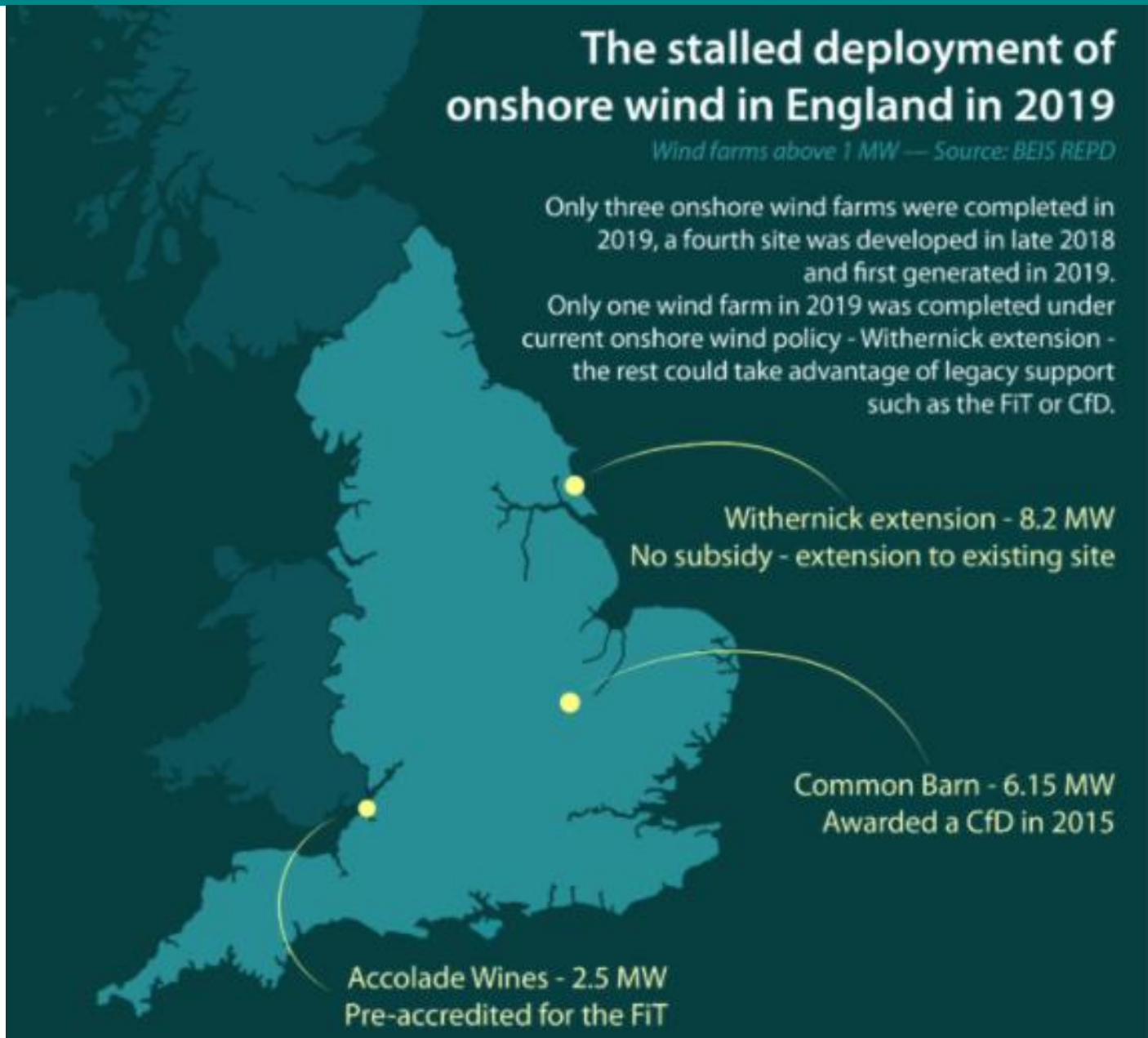
The planning system …

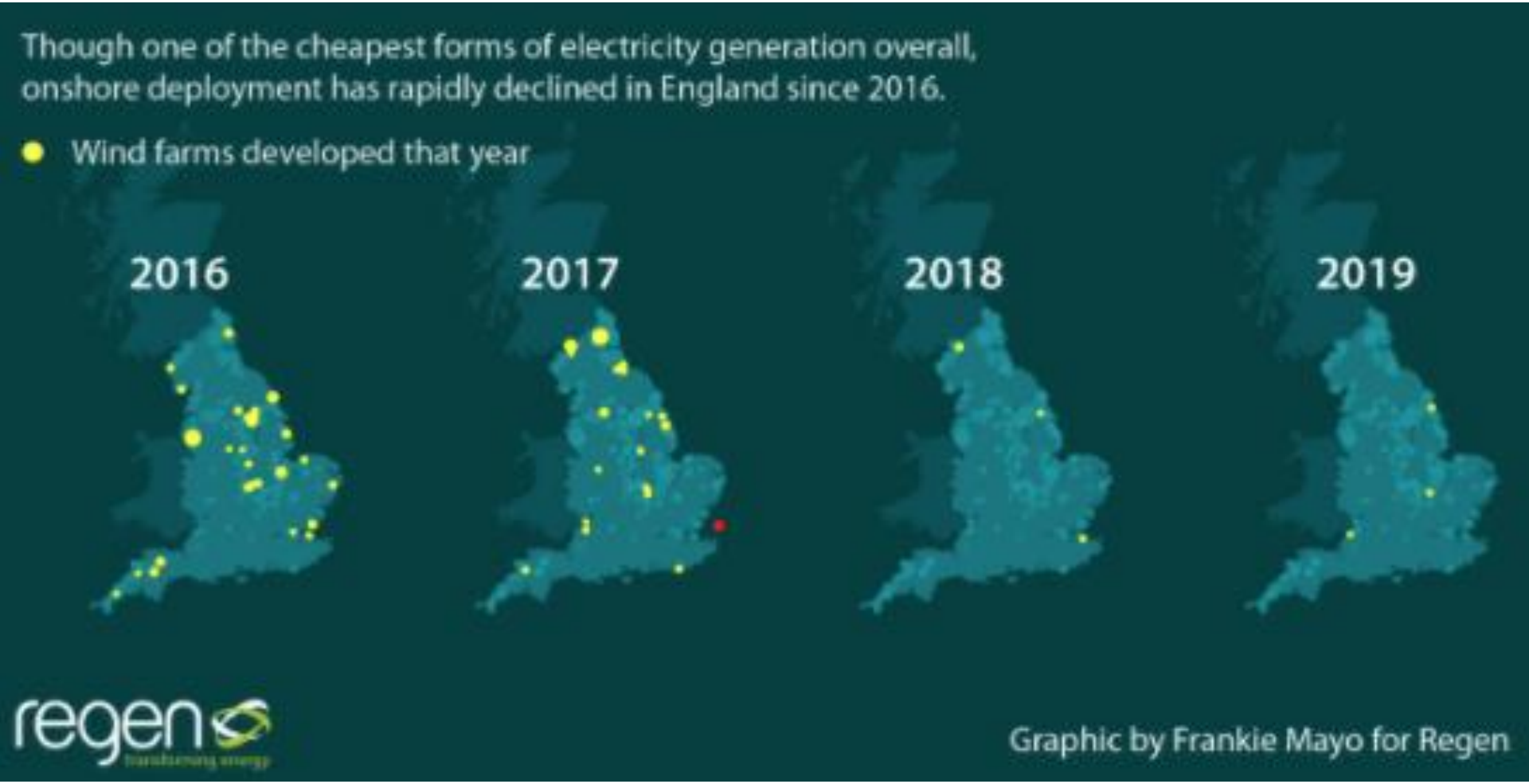
National Planning Policy Framework

Local plans

Neighbourhood plans



The planning system …



Examples of planning success

2020 4.2MW Ambition Community Energy C.I.C Avonmouth turbine
“The public consultation showed a clear indication from local residents and businesses that they support this application for a community led onshore wind renewable energy scheme.”

2019 appeal by Genatec Ltd for a 40m turbine against the decision of North Norfolk District Council in 2015 Appeal Ref: APP/Y2620/W/15/3134132

2019 appeal by Selbrigg Generation Ltd against the decision of North Norfolk District Council in 2015 Appeal Ref: APP/Y2620/W/16/3143028

Overturned on climate emergency grounds

How to get support at planning

Regen neighbourhood planning resources

- Energy in neighbourhood planning – introduction and model policies (2016)
- Energy in neighbourhood planning – model policies with context

Lawrence Weston – no objections

South Brent – no objections

Thanks for listening

www.regen.co.uk

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