

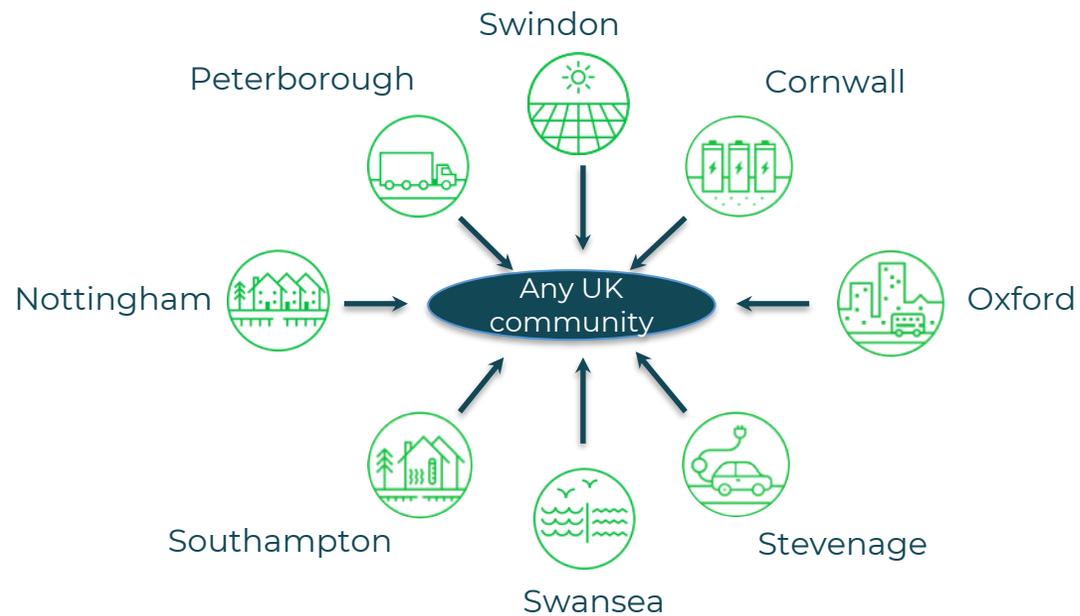
# The role of cities in taking forward renewable energy

Dr Karen Barrass

19th May 2022

[Solarise - Accelerating the solar energy transition](#)

# UK100



UK100 is a network of the most ambitious local leaders working towards net zero as soon as possible but no later than 2045.

We help them collaborate to take decisive action in their communities.

Our members represent more than 37 million people in towns, cities and counties across the UK.

We facilitate knowledge-sharing between members, partnership-building and leadership mentoring.

And support them to harness their collective power to affect vital national change.

# Net Zero Strategy

*“ We will [also] take a place-based approach to net zero, working with local government to ensure that all local areas have the capability and capacity for net zero delivery as we level up the country.”*



# Net Zero Strategy

## Future direction

### Key policies

- We will fully decarbonise our power system by 2035
- 40GW of offshore wind by 2030, with more onshore, solar, and other renewables
- ‘Cheap British Renewables’
- Sustained increase in deployment of land-based renewables such as locally supported onshore wind and solar in the 2020s and beyond
- CfD

# Energy Security Strategy/ Energy Bill

## Future direction

Key policies

Onshore wind: - *no change to planning regs, 'put local communities in control' - consult on local partnerships*

Solar: - *'radically simplify' planning processes with a consultation on relevant permitted development rights, will consider the best way to make use of public sector rooftops*

# Power Shift

Most comprehensive examination of the powers local authorities have and need to deliver on climate ever undertaken

## Power Shift

### Research into Local Authority powers relating to climate action

Researched and produced by Quantum Strategy & Technology Ltd. for UK100

April 2021



# Local Area Energy Planning

- A national framework for LAEP - giving a greater role, more powers and competencies to local and regional authorities to develop a balanced Net Zero energy system
- Mix of large scale power generation with local decentralised energy systems, as part of a wider priority focus of reaching Net Zero.
- Clear remit to base planning decisions on the legally binding Climate Change Act.

# Local Area Energy Planning



Supporting policy in the NPPF to ensure that every area is covered by a Net Zero LAEP



Infrastructure funding for investment in anticipation of need, and engagement on likely options for local areas



Power to override the constraints on on-shore wind (withdraw 2015 Ministerial Statement)



Power to refuse consent for fossil fuel extraction or development of carbon-based energy infrastructure if it is not aligned with the national carbon target

# Power Shift - priorities



Local authority control and oversight



Capacity and expertise



Devolved funding - locally appropriate delivery



Political will - consistent local and national messaging

# Bristol City Leap



Low carbon energy infrastructure, such as solar PV, heat networks, heat pumps and energy efficiency measures at scale, all which will help Bristol meet its carbon reduction targets of becoming carbon neutral by 2030.

Private sector partners will contribute capital funding, including £424 million over the first five years of the twenty-year partnership, in low carbon energy and capacity and expertise in the delivery of low carbon energy infrastructure projects.



UK:  
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