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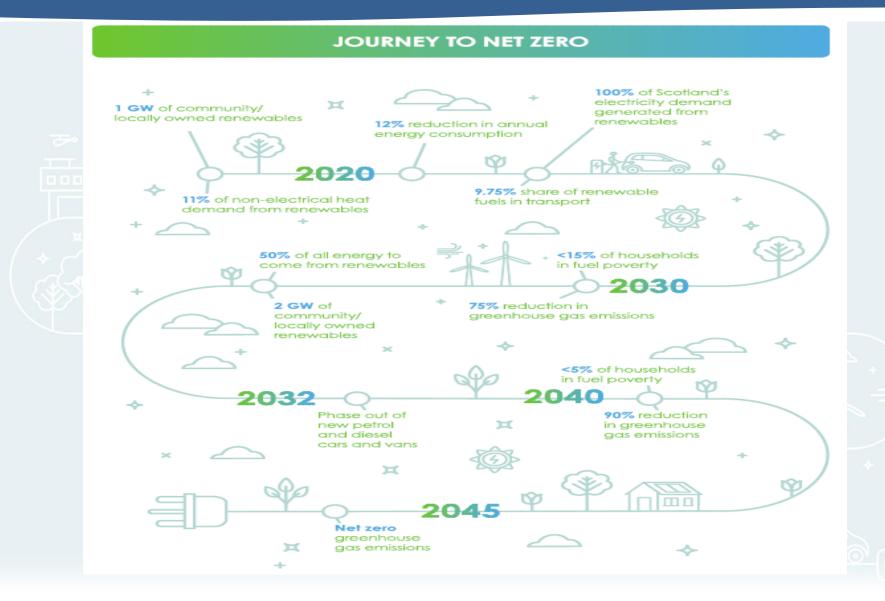
Craig Egner
European Energy Adviser
Scottish Government







Global Climate Emergency – The Journey to Net-Zero







Developing a system view

Scottish Energy Strategy - Six energy priorities



Consumer engagement and protection





Energy efficiency



System security and flexibility



Innovative local energy systems



Renewable and low carbon solutions



Oil and gas industry strengths















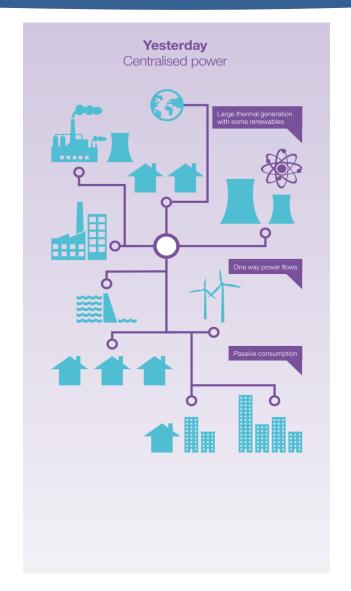


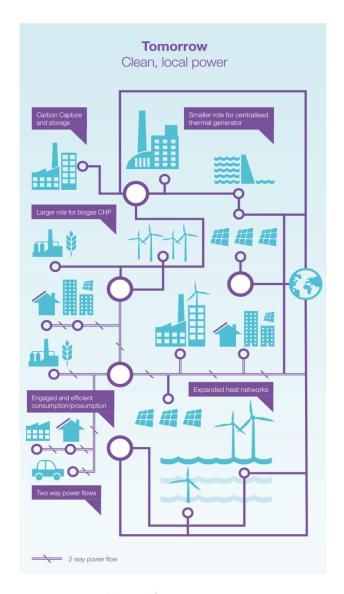






Local Energy Transition



















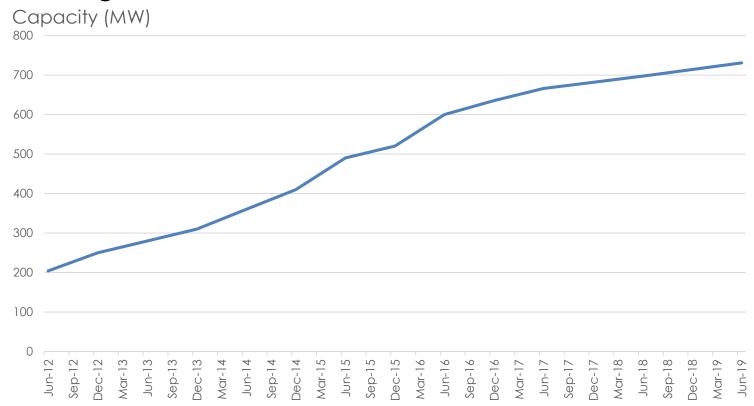






Capacity of community and locally owned renewables has more than tripled to 731 MW in the last seven years...

2020 Target: 1 GW 2030 Target: 2 GW







CARES support for local energy covers local ownership and/ or community involvement:

For shared ownership projects

In local energy systems

To contribute to Scotland's 1GW by 2020 target

To maximise impact from community benefits

- £5m through CARES in 2019/20
- Energy Investment Fund provides £20m in 2019/20









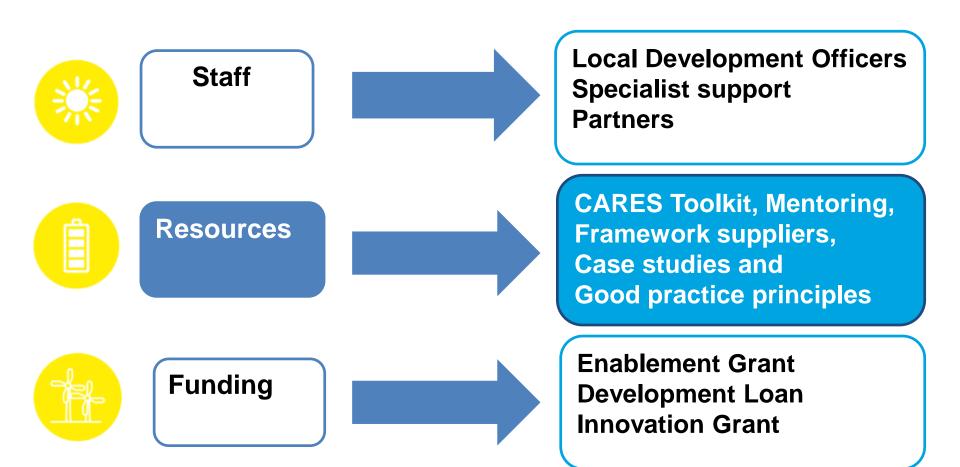








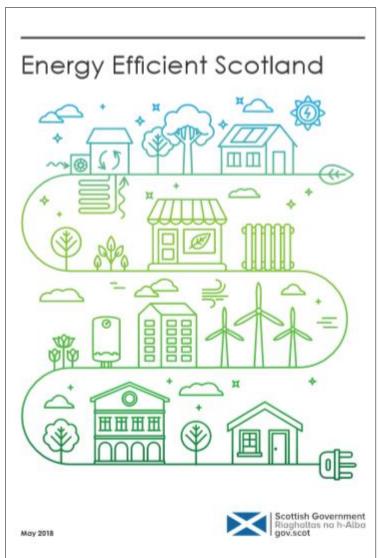
CARES Support: https://www.localenergy.scot







Energy Efficient Scotland Programme



- 20 year programme to ensure Scotland's homes and buildings are warmer greener and more efficient.
- Community organisations treated as SMEs and can apply for low cost loans to fund efficiency measures.
- CARES will signpost community groups to this support adopting the "fabric first" principle.
- Free assessment service to identify efficiency improvements
- Financing for RES can be contingent on EE measures being deployed first.





Guildtown Community Hall

Project owner:Guildtown Community

Association

Location: Guildtown in Perthshire

Technology: Two electric batteries and control system, to work with existing solar PV and ground source heat pump

CARES funding: £15,814 Innovation Grant









Location: Kirkcaldy, Fife

EE: building fabric improved, insulation, new flat roof

RES: Technology: Solar PV and battery storage

CARES funding: £19,000 from the Infrastructure and Innovation Fund

Date operational:

November 2019

"Shine on" - Greener
 Kirkcaldy's community building project







The Future: Local Energy Systems Framework

Local Energy Systems Framework Themes **Networks &** Pathway to Opportunity People **Places** Infrastructure Commercialisation Principles Early Consider Collaborative Use existing Prioritise Whole energy Create jobs Just transition engagement needs of Reflect the and viable and Identify low enerav with and develop for Scottish system infrastructure different local area partnership replicable regret options supply chains workers consumers at approach working first projects groups the centre

Outcomes

Active, energy efficient consumers



Decarbonisation of Scotland's energy system



Systems designed & developed in line with local need



Replicate successful energy projects across Scotland



Local & international opportunities for Scottish supply chains & businesses



Create vibrant, local energy economies



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Communities

We live in communities that are inclusive. empowered, resilient and safe

Poverty

We tackle poverty by sharing opportunities, wealth and power more equally

Economy

We have a globally competitive, entrepreneurial, inclusive and sustainable economy Environment

We value, enjoy, protect and enhance our environment

Fair Work & **Business**

We have thriving and innovative businesses, with quality jobs and fair work for everyone International

We are open, connected and make a positive contribution internationally























Thanks for Listening!

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