

SCOTLAND IS A LAND OF ENERGY OPPORTUNITY



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Local Energy Systems, Community Energy and the Low Carbon Transition

Craig Egner

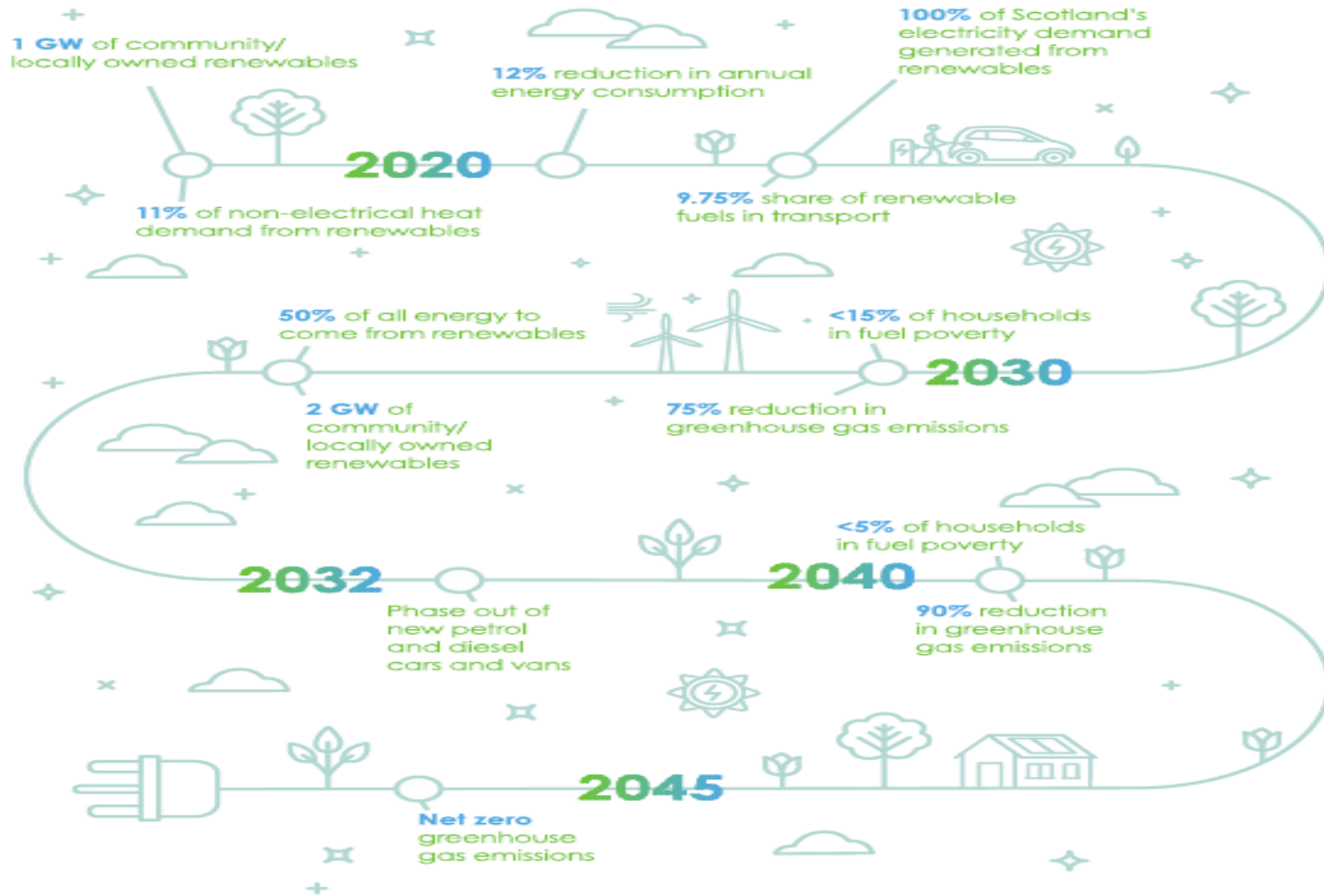
European Energy Adviser

Scottish Government



Global Climate Emergency – The Journey to Net-Zero

JOURNEY TO NET ZERO



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Scottish Energy Strategy - Six energy priorities



Consumer engagement and protection



Energy efficiency



System security and flexibility



Innovative local energy systems



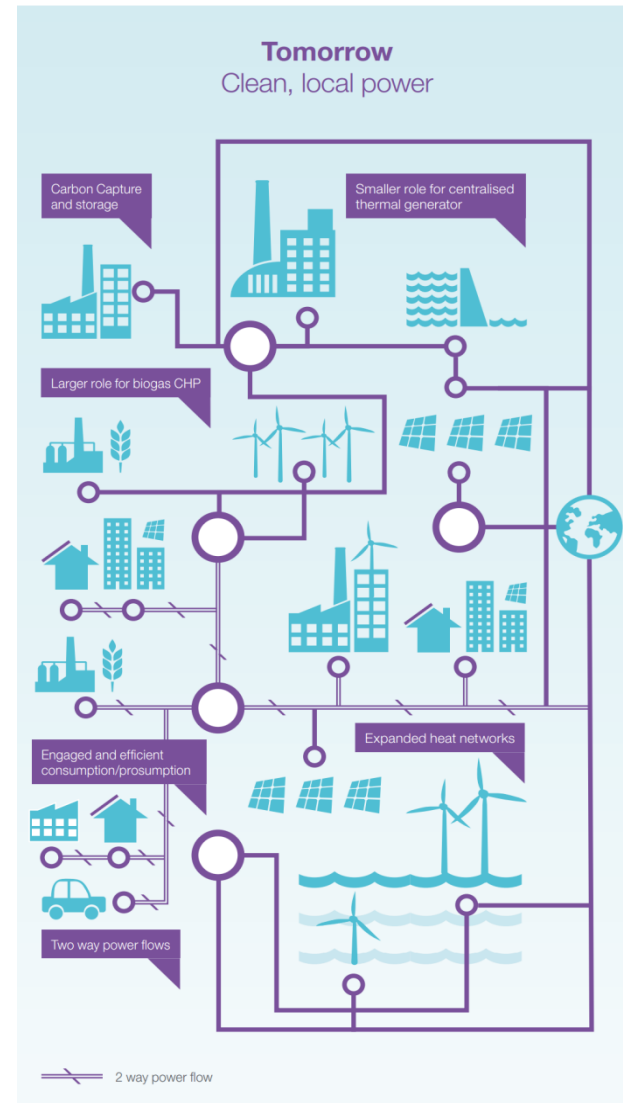
Renewable and low carbon solutions



Oil and gas industry strengths



Local Energy Transition



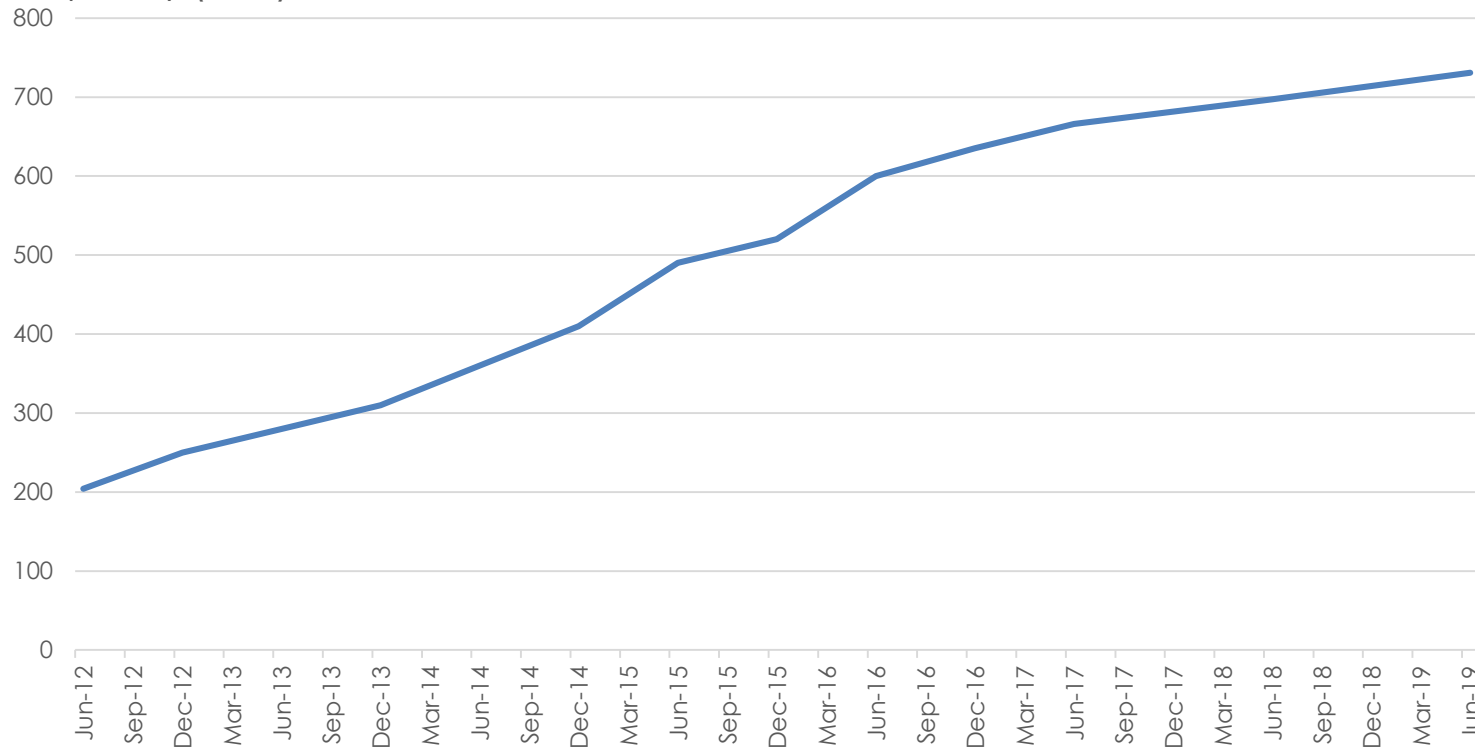
Community and Locally Owned Renewables in Scotland: June 2019

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

Capacity (MW)



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

For shared ownership projects

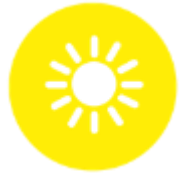
In local energy systems

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**





Staff



**Local Development Officers
Specialist support
Partners**



Resources



**CARES Toolkit, Mentoring,
Framework suppliers,
Case studies and
Good practice principles**



Funding



**Enablement Grant
Development Loan
Innovation Grant**



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



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- “Shine on” - Greener Kirkcaldy’s community building project

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

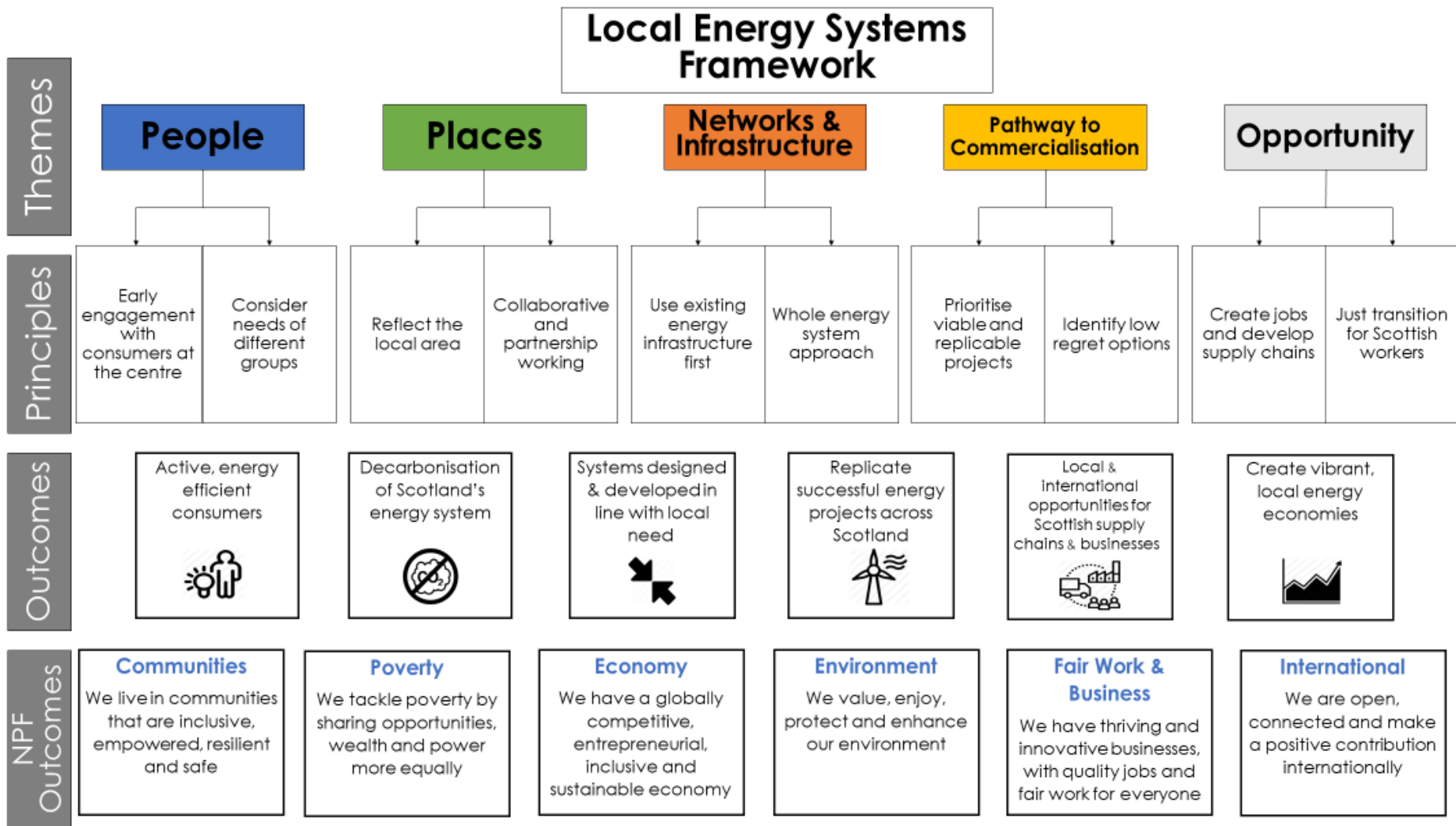
Date operational:
November 2019



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The Future: Local Energy Systems Framework



Thanks for Listening!

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