

CARES SUPPORTS
LOCAL RENEWABLE
ENERGY GENERATION



Local energy support for rural economies

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LOCALENERGYSCOTLAND.ORG
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FUNDED BY THE SCOTTISH GOVERNMENT



Local Energy Scotland



The Scottish Government

Community and Renewable Energy Scheme (CARES)



Community renewables



Local energy systems



Local involvement in large-scale projects

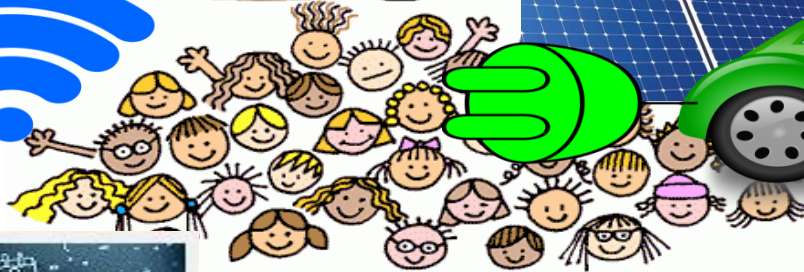
Local Energy Scotland is a consortium composed of:



With technical support from:



Local Energy Systems



Local Energy Systems



- **Scottish Government Energy Strategy**
 - Decarbonised energy
 - Energy systems approach
 - Localised energy
- **Local Energy Challenge Fund**
 - £30m of public support
 - Partnerships
 - Linking energy generation with energy use

Identifying viable business models for local energy

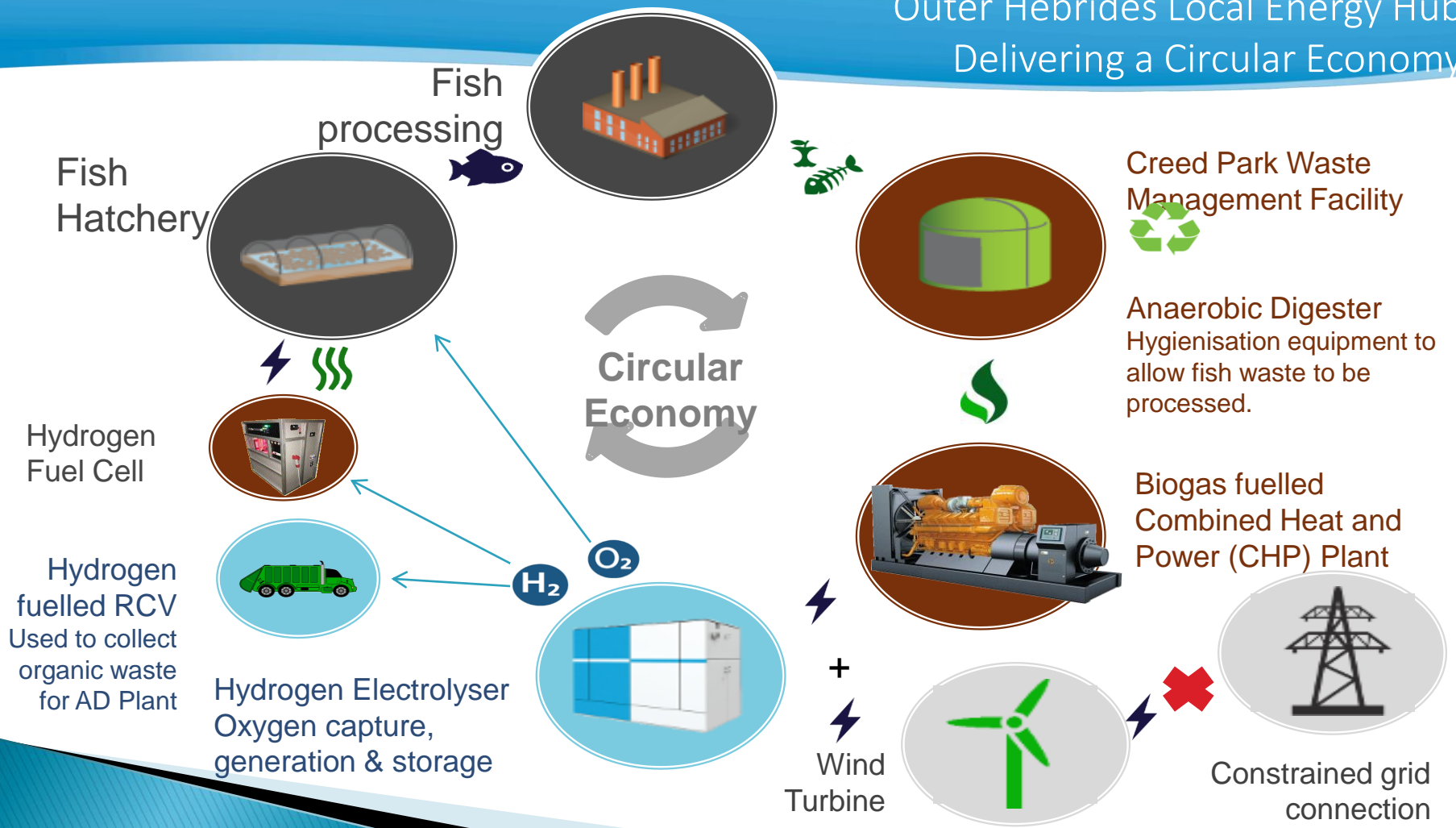
CARES Support



- **Local Energy Challenge Fund**
- **Financial assistance**
 - **Grant and loan**
- **In-kind support**
- **Online resources**
- **Local Energy Plans**

- **Conference 26/27 April - Stirling**

Outer Hebrides Local Energy Hub Delivering a Circular Economy

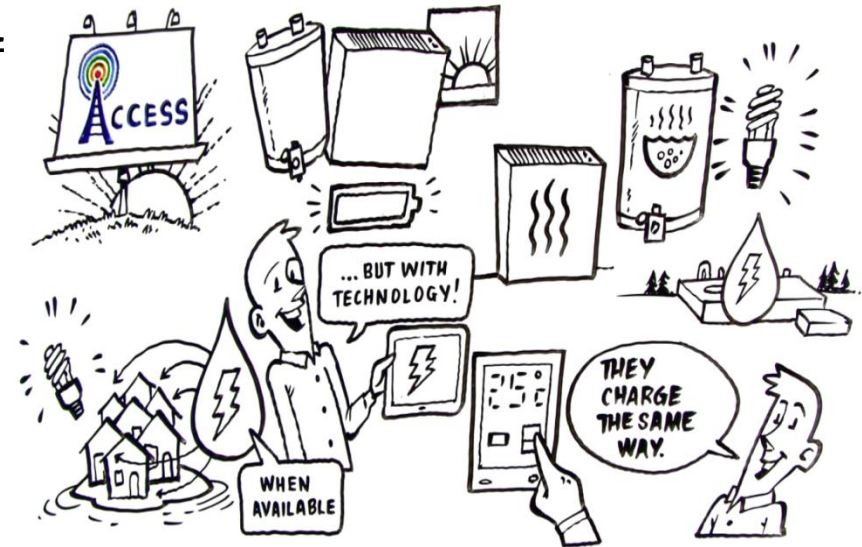


Montrose Local Energy Project



ACCESS

- Match surplus renewable generation to electrical load in people's homes so that energy is used within the constrained network.
- Smart storage heaters and flow boilers in homes on the island of Mull and matching energy demand with community owned hydro.
- Working with SSE to develop a tariff structure that rewards customers who make use of the local renewable generation.



Levenmouth Community Energy Project



- 910kW renewable generation
- 8 building parallel microgrid
- Toshiba H2EMS Smart Grid control
- 250kW electrolyser/100kW fuel cell ESS
- 2 x 10kg per day hydrogen refuellers
- 17 vehicle fleet



Others



- Surf n Turf
 - SMART Fintry
 - Tower Power
 - Heat Smart Orkney
 - EASTHEAT
-
- Range of demonstration/research, urban/rural
 - www.localenergyscotland.org/challenge

What next?



- Funding available from Local Energy Scotland
 - Developing concepts
 - Demonstrating possibilities
 - New CARES Contract
- Deliver local energy projects without public grant support
- Mainstreaming following demonstration
- Scottish Government energy strategy consultation

Contact us



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