



Grangemouth Living Lab Funding Mechanisms: Horizon 2020

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Strategic Projects that deliver for the Scottish Economy

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- Identify projects in Scotland
- Understand funding landscape around those projects



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- Link projects to EU funding
- Identify partners
- Form consortia
- Develop project concepts



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- Support the drafting of applications
- Post-application support



European Low Carbon Funding: The fundamentals

- Horizon 2020 is the EU's main programme for funding research and innovation projects
- Total budget of €76.4bn. Scotland has secured €687m (€71.5m for Low Carbon projects)
- Awards to applicants vary from €4500 to €10.8m
- List of competitive funding calls published every three years
- 70% of costs covered for businesses, 100% for public organisations
- Collaboration required with at least two other member states
- Must have impact at a European level and be highly innovative
- UK organisations remain eligible to participate in consortia and coordinate consortia for 2020 Horizon 2020 Calls



Examples of European-funded projects involving Scottish partners

Acorn Project

Pale Blue Dot

Funded through the Advancing CCS Technologies ERA-Net CoFund, given EU “Project of Common Interest” status then received funding through the Connecting Europe Facility (CEF)



Strategies for Environmental Monitoring of Marine Carbon Capture and Storage

STEMM-CCS: Strategies for Environmental Monitoring of Marine Carbon Capture and Storage

Heriot-Watt University

STEMM-CCS will provide a set of tools, techniques and methods to enhance our understanding of CCS in the marine environment

Strategy CCUS

University of Edinburgh

Supporting initiatives within eight regions in Southern and Eastern Europe to produce local development plans and business models for CCUS which are tailored to the needs of industry.



Sample of upcoming European Funding Calls

Call	Description	Deadline	Grant Value
LC-SC3-NZE-5-2020: Low carbon industrial production using CCUS	Focused on integrating CO2 capture in industrial installations, whilst addressing the full CCUS chain	01/09/2020	€10-12m
NZE-6-2020: Geological Storage Pilots	Identification and geological characterisation of new prospective storage sites for CO2	01/09/2020	€7-10m
FCH-02-8-2020: Demonstration of large-scale coelectrolysis for the Industrial Power-to-X market	Focused on the development, manufacturing, commissioning and operation of an industrial size co-electrolysis system, based on Solid Oxide Cell technology	21/04/2020	€5m
FCH-02-2-2020: Highly efficient hydrogen production using solid oxide electrolysis integrated with renewable heat and power	Focused on coupling high-temperature electrolysis with solar heat or power-to-heat sources at different scales to investigate operational behaviour in detail	21/04/2020	€2.5m
FCH-02-6-2020: Electrolyser module for offshore production of renewable hydrogen	Aims to develop and test an offshore electrolyser module of >1MW at an onshore, seafront location	21/04/2020	€5m