Grangemouth Living Lab
Funding Mechanisms: Horizon 2020
30th January 2020
Strategic Projects that deliver for the Scottish Economy

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

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

3. Support the drafting of applications
   - Post-application support

Scottish Enterprise
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

<table>
<thead>
<tr>
<th>Project</th>
<th>Description</th>
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| **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) |
| **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

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