



## 1. Context

Crown Estate Scotland manages property – including buildings, land, coastline and seabed – on behalf of the Scottish people.

### We work in a way that:

- Generates prosperity and value for all of Scotland;
- Supports the growth of sustainable business and industry in Scottish seas and on the coast;
- Makes places better for those who live, work and visit there;
- Promotes sustainable ways of producing energy, food, and other products; and
- Creates opportunities for people to use and benefit from the Scottish Crown Estate.

The Scottish Crown Estate Act 2019 requires us to manage the assets in a way that is likely to contribute to the promotion of improvement of economic development, regeneration, social wellbeing and environmental wellbeing. To do this, we need to understand the wider value delivered by the assets and our management activities.



Asset profiles have been developed for the Estate's 21 asset classes. The profiles include information on financial returns, the public benefits delivered through our management activities, and our view of the opportunities for wider value creation.

The analysis has been undertaken in-house, using qualitative assessment and expert judgment.

## Asset summary

Scotland has the potential to use our offshore geological storage assets, such as can be found in the Central North Sea, to host cutting-edge Carbon Capture and Storage (CCS) technology to respond to climate change demands to reduce CO<sub>2</sub> in the world's atmosphere.

Scotland is uniquely positioned to make use of both its natural resources and existing skills within our energy supply chain to take substantial steps to meet Scotland's climate change targets. There is also opportunity to provide a hub for storage for the UK and also for import from Europe.

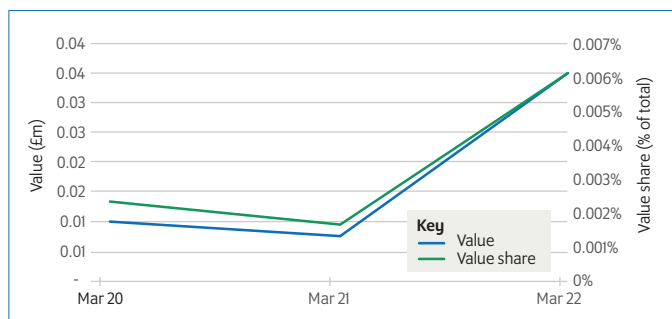
### Asset information

No of agreements	1
No of tenants	1

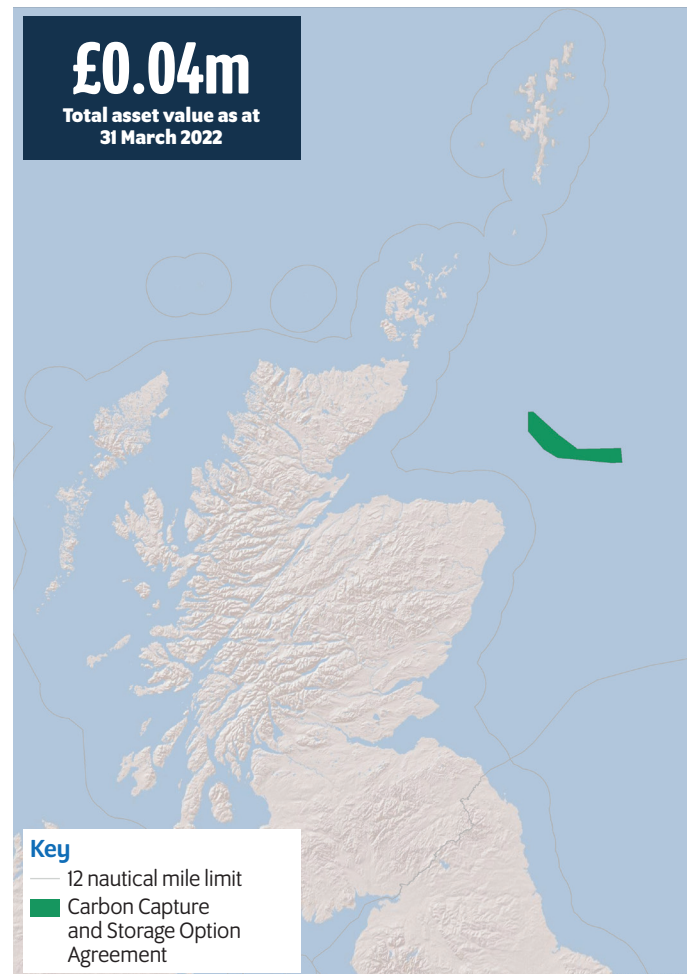
### Financial information

Asset value (March 2022)	£0.04m
Value share (% of total Estate value, March 2022)	0.006

### Carbon Capture & Storage – change in value and value share over time

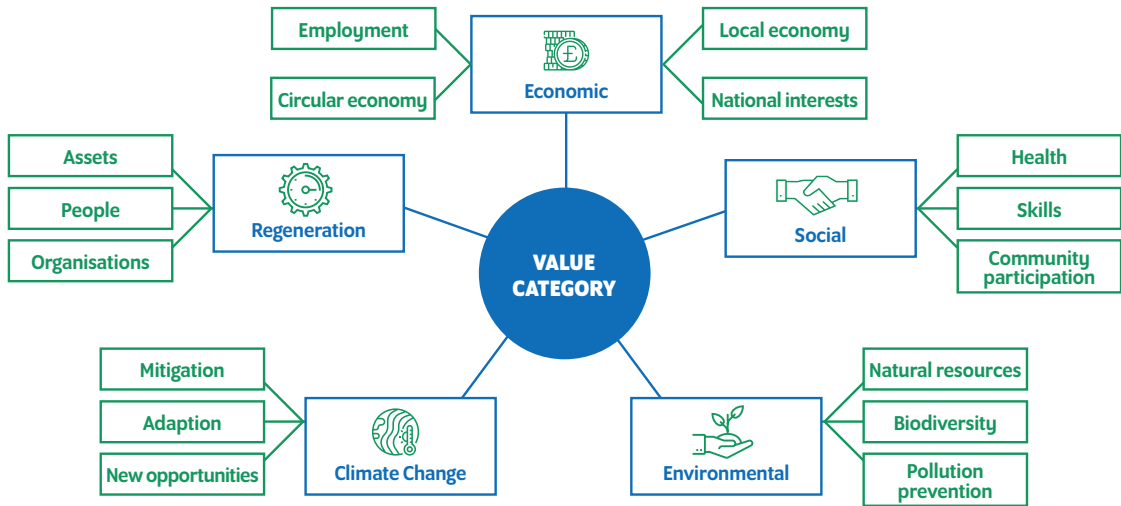


## Carbon capture & storage asset map



Map correct as at November 2022. Under the Open Government Licence, we give free access to our open datasets and map which can be found on our [Spatial Data Hub](#) which gives access to view and download spatial data, PDF maps for download, and our [interactive map](#).

### 3. Understanding Value



#### Five value categories have been identified:

- Economic;
- Social;
- Environmental;
- Climate Change; and
- Regeneration.

Each value category has a set of three or four indicators. The indicators are relevant for all Scottish Crown Estate asset classes and also align with Scotland's National Performance Framework and the UN Sustainable Development Goals.

#### Measures of success

##### Economic

- Employment** – jobs created or safeguarded
- Local economy** – local businesses are active in the supply chain and provide local employment
- National interests** – benefiting Scotland's national economy / showing leadership
- Circular economy** – increasing efficiency / reducing waste in processes and products

##### Social

- Health** – reflects / promotes good health at local or national level
- Skills** – stakeholders gain valuable skills
- Community participation** – community is an active stakeholder and participant

##### Environmental

- Natural resources** – resources used / maintained in a sustainable way
- Biodiversity** – biodiversity is protected/strengthened
- Pollution prevention** – pollution is decreased / not increased

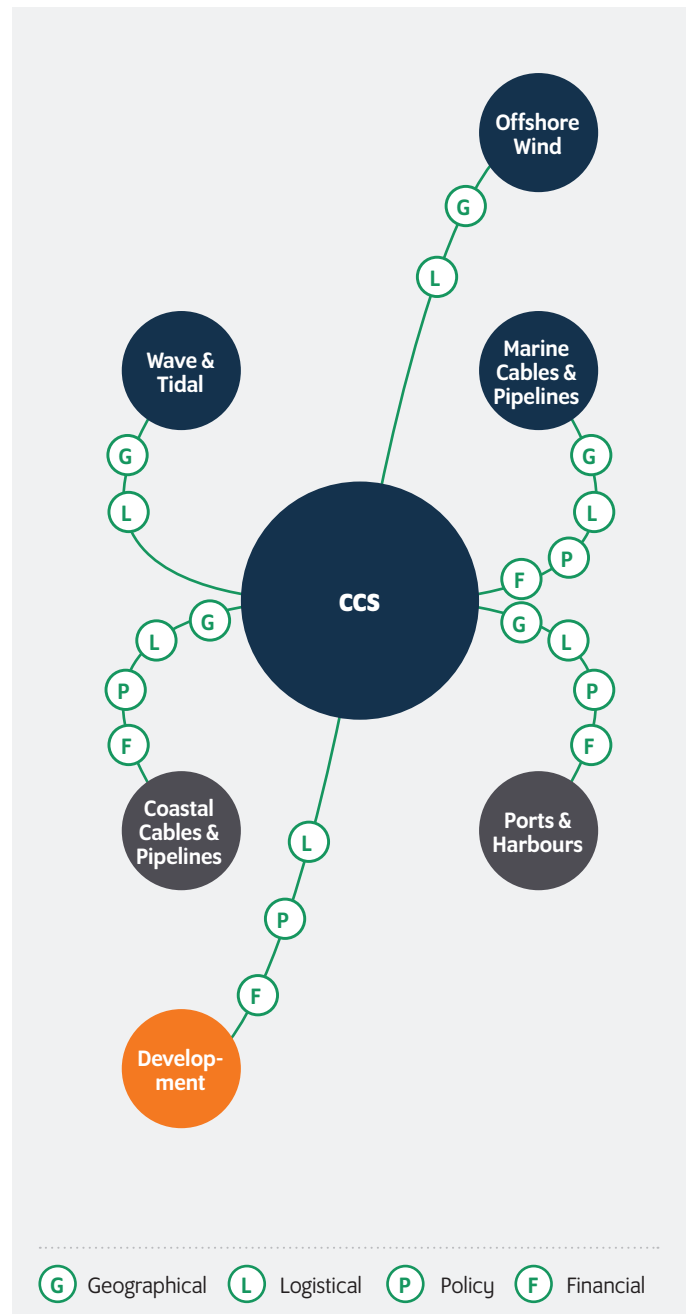
##### Climate change

- Mitigation** – low or zero emissions
- Adaptation** – actions increase resilience / reduce risk
- New opportunities** – new, low or net zero emissions activities/ businesses/products pursued

##### Regeneration

- Assets** – positive impacts on associated assets
- People** – people are enabled or empowered
- Organisations** – activities involve collaboration with other organisations

#### Connected assets

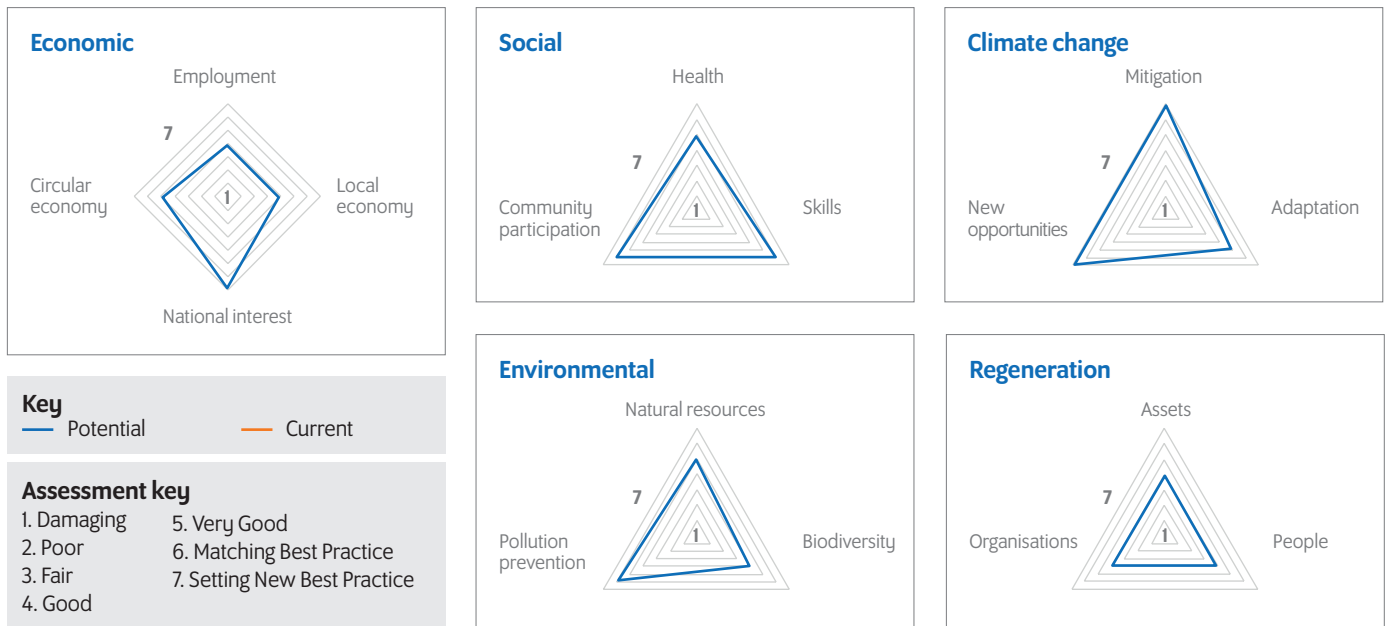


## 4. Potential for Wider Value

The diagrams below demonstrate the wider value currently generated by the asset class as a whole and indicate where we consider there is potential to deliver increased wider value. This is influenced by a range of factors including the inherent value of the assets, tenant activity, regulator activity and other external factors. For CCS, key areas identified with potential for increased wider value as follows:

- **Economic** –Scotland is well positioned to demonstrate leadership and operate as a hub for storage of CO<sub>2</sub> from the UK and Europe. There are also opportunities in relation to circular economy through the reuse of existing pipelines to transport CO<sub>2</sub>.
- **Climate change** –significant potential has been identified in relation to mitigation and new opportunities given CCS is likely to have a key role in supporting industrial decarbonisation.

Opportunities	Threats
<ul style="list-style-type: none"> <li>• Decarbonisation of Scotland’s industry and meeting net zero targets;</li> <li>• Early decarbonisation of heat network through roll out of hydrogen;</li> <li>• Providing skilled jobs building on oil and gas expertise;</li> <li>• Utilises oil and gas supply chain; and</li> <li>• Scale of storage capacity allows Scotland to sell storage and become major provider to Europe and beyond.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of clarity on business models and financial support mechanisms.</li> </ul>



This full value potential is indicated by the blue line. There are currently no operational CCS sites. Therefore no assessment of current performance is shown on the diagrams.

Where potential and actual performance are the same the orange line will hide the blue line beneath it. No weighting has been applied to any indicator.

## 5. Benefits delivered by Crown Estate Scotland

### Our latest Corporate Plan sets out our four roles:

#### Investor

Investing in, for example, property development, as well as building external partnerships and supporting staff.

#### Asset Manager

Careful management of leases and agreements, as well as direct management of forestry.

#### Co-ordinator

Supporting other Scottish Crown Estate managers by, for example, coordinating spatial information.

#### Enabler

Empowering others by supporting local plans and projects, providing access to property and helping address barriers to sector growth.

### For CCS, some examples of our activities include:

#### Asset Manager

- Managing potential interactions between CCS and offshore wind projects.

#### Enabler

- Collaborating with government and enterprise agencies to progress the sector; contributing to key stakeholder groups such as NECCUS.

The table below presents our assessment of the significance of the benefits that we currently deliver through these four roles. Our Corporate Plan sets out actions against these four roles. Over time, we expect the significance of benefits to increase as considerations regarding wider value are embedded into decision making.

CCS	Investor	Asset manager	Enabler	Coordinator
<b>Economic</b>				
Employment		Low	Low	
Local economy		Low	Low	
National interests		Medium	Low	
Circular economy				
<b>Social</b>				
Health				
Skills		Medium	Low	
Community participation		Low	Low	
<b>Environmental</b>				
Natural resources		Low	Low	
Biodiversity				
Pollution prevention		Low	Medium	
<b>Climate change</b>				
Mitigation		Low	Medium	
Adaptation				
New opportunities		High	Medium	
<b>Regeneration</b>				
Assets		Low	Low	
People		Low	Low	
Organisations		Low	Medium	

**Key**

- Inactive
- Low
- Medium
- High

Published November 2022  
Original material © Crown Estate Scotland

Financial info as of March 2022, other information as of October 2022. Some figures in this profile have been rounded.

### Head Office

Quartermile Two  
2nd Floor  
2 Lister Square  
Edinburgh  
EH3 9GL  
Tel: 0131 260 6070  
enquiries@crownestatescotland.com

[www.crownestatescotland.com](http://www.crownestatescotland.com)

### Glenlivet

Main Street  
Tomintoul, Banffshire  
AB37 9EX  
Tel: 01479 870 070  
info@glenlivetestate.co.uk

[www.glenlivetestate.co.uk](http://www.glenlivetestate.co.uk)

 @CrownEstateScot  
 [www.linkedin.com/company/crown-estate-scotland](https://www.linkedin.com/company/crown-estate-scotland)