

## Enabling the CCS sector

Crown Estate Scotland works with the sector and its many stakeholders to enable successful projects and a thriving industry in Scotland.

We will be working with stakeholders and developers to deliver value for Scotland:

- Decarbonisation of Scotland's industry and meeting net zero targets;
- Creating high-quality jobs in the CCS sector and facilitating a Just Transition;
- Retaining and leveraging Scotland's existing oil & gas expertise and infrastructure; and
- Developing storage capacity to allow Scotland to become a major provider of storage to the wider UK, Europe and beyond



Some industries, like cement production, are challenging to decarbonise.

General enquires about accessing seabed rights for carbon dioxide and gas storage should be sent to:  
**[marine@crownestatescotland.com](mailto:marine@crownestatescotland.com)**

Useful resources:

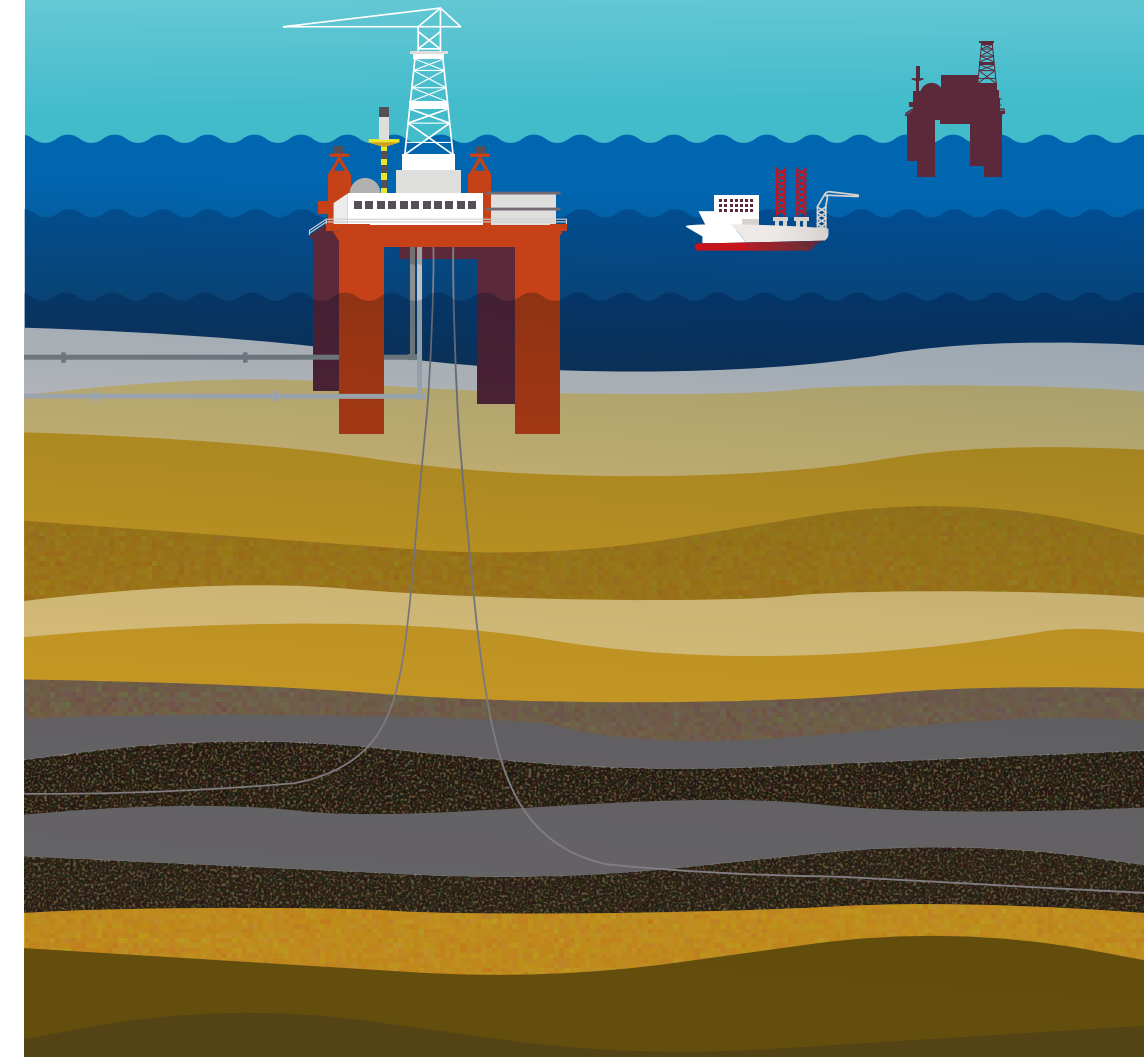
Crown Estate Scotland CCS leasing:  
**<https://www.crownestatescotland.com/scotlands-property/marine/carbon-capture-and-storage>**



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

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

# Scottish Offshore CO<sub>2</sub> Storage Profile





CO2 is carried through pipelines to its point of injection deep into the seabed.

### Who are we?

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

Scotland possesses vast offshore geological storage assets in the North Sea, which are ideal to host cutting-edge carbon capture and storage (CCS) technology to reduce emissions and support climate action.

As managers of Scotland’s seabed, we oversee access and leasing of seabed property rights for CCS and associated infrastructure. To develop CCS opportunities under the seabed, developers must apply and obtain both a carbon storage licence from the

North Sea Transition Authority, and a seabed agreement from CES. These agreements secure the necessary property rights and, after successful site appraisal, allow developers to enter lease and build their project.

In addition to engagement with the CCS sector in Scotland, we are working with stakeholders across the UK and other offshore sectors to understand the opportunities and challenges created by increasing demands in all areas.

### Our role in CCS

We contribute to the success of CCS in Scotland by:



Bringing opportunities to market by leasing and managing seabed rights .



Funding research and technical studies to enable sector growth.



Engagement to explore and understand market requirements for carbon store development.

### Scotland’s Opportunity

CCS is key to Scotland becoming a carbon neutral country through capture and storage of Scotland’s industrial emissions and enabling of negative emissions.

Scotland is uniquely positioned to use its geological storage potential and existing energy infrastructure and workforce to lead on CCS – supporting climate goals, strengthening energy security, creating skilled jobs, attracting inward investment, and opening up new commercial opportunities across the UK and Europe.

Scotland has vast geological formations beneath the North Sea, holding up to 53GTs – around two-thirds of the UK’s estimated 78GTs of CO<sub>2</sub> storage capacity. This storage capacity far exceeds Scotland’s total emissions, with potential to store **hundreds of millions of tonnes annually**, positioning Scotland to become a

global leader in climate solutions and hub for CO<sub>2</sub> storage serving the wider UK and Europe.

Inward investment will be attracted to a Scottish low carbon industrial cluster with carbon management infrastructure in place.

Scotland’s oil and gas expertise provides a strong foundation for creating high-quality jobs in the CCS sector and facilitating a Just Transition.

Roughly one half of Scotland’s potential storage capacity is within 15 kilometres (approximately 10 miles) of existing pipelines on the seabed, which can be re-used to transport CO<sub>2</sub> captured from onshore emitters, to these storage

### CO<sub>2</sub> Storage Developments on the Scottish seabed

Currently leasing to UK Government targets for CO<sub>2</sub> Storage.

### 53GTs

Estimated Scottish storage potential, enough to store decades of EU27 emissions

