

Project of common interest:

12.4

CO₂ interconnection

Cross-border carbone dioxide network

COUNTRIES INVOLVED

United Kingdom (UK)
Netherlands (NL)
Norway (NO)

PROJECT PROMOTERS

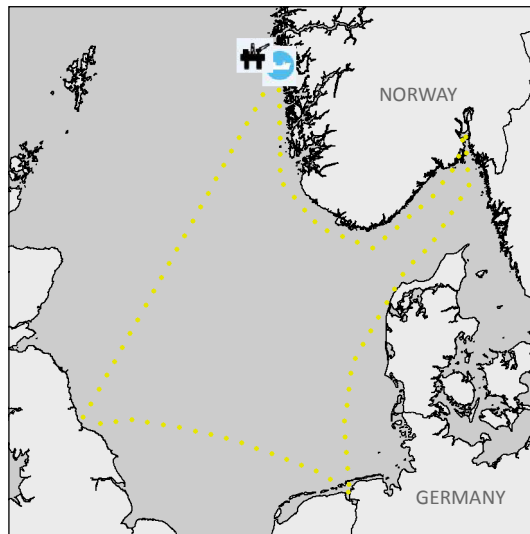
Statoil ASA (NO)




LOCATION

NO DATA

COMMISSIONING DATE

2023



-  PCI 12.4 - CO₂ terminal
-  PCI 12.4 - CO₂ injection
-  PCI 12.4 - CO₂ shipping route

Source: PLATTS, GISCO, European Commission

Definition

12.4 - CO₂ cross-border transport connections between emission sources in United Kingdom and Netherlands and a storage site in Norway

Type of technology employed

Dedicated pipelines, other than upstream
n.a.

Facilities for liquefaction and buffer storage and any equipment or installation essential for the system
The CO₂ transport connections of the project will be by ship. This connection will require facilities for liquefaction and buffer storage of carbon dioxide in view of its further transportation from the sites in Teesside (UK) and the Eemshaven (NL). At the receiving end (N) CO₂ will be offloaded into onshore storage buffering tanks prior to further transport by pipe to the offshore storage site.

The onshore facilities will include:

- Quay for on and offloading transport ship
- Utility systems required to support the storage and injection facility
- Equipment for transfer of liquid CO₂ from quay to storage tanks
- Interim storage tanks
- Process systems required to bring the liquid CO₂ from storage conditions to injection conditions (pumps, heat exchangers, heating medium systems, etc.)
- Process systems required to vaporize CO₂ for return to storage tanks to replace volume of injected liquid

Implementationstatus

NO DATA

LAST UPDATE

March 2018

Energy

Note: The project location as depicted on the map is indicative only. The final location will be determined once the permit granting procedure has been completed.