

Project of common interest:

12.3

## CO2 interconnection

### Cross-border carbone dioxide network

#### COUNTRIES INVOLVED

Netherlands (NL)  
United Kingdom (UK)

#### PROJECT PROMOTERS

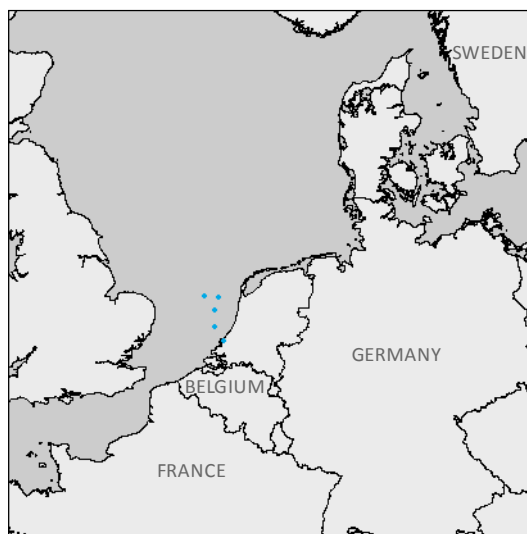
Havenbedrijf Rotterdam N.V (NL)

#### LOCATION

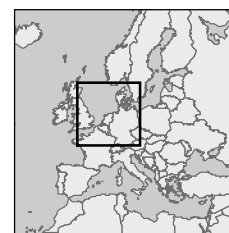
Well defined locations off-shore in NL  
and UK

#### COMMISSIONING DATE

2022-2024



..... PCI 12.3 - CO2 shipping route



Source: PLATTS, GISCO, European Commission

#### Definition

12.3 - The Rotterdam Nucleus (Netherlands and United Kingdom)

#### Type of technology employed

##### Dedicated pipelines, other than upstream

The project involves dedicated pipelines used to transport CO<sub>2</sub> from large point sources in the Port of Rotterdam and from offshore natural gas processing facilities for geological storage according to Directive 2009/31/EC. It is to provide large scale CO<sub>2</sub> transportation to well-defined CO<sub>2</sub> storage capacity within 20km of the Dutch coast, and to several hundreds of megatonnes of storage further offshore

##### Facilities for liquefaction and buffer storage

Potentially relevant for future expansion of the project, however not included in current version of the Rotterdam Nucleus

##### Any equipment or installation essential for the system

Compression, safety and monitoring equipment is needed for the operation of the CO<sub>2</sub> pipelines

#### Implementation status

First phase

#### 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.