



European  
Commission

## Rotterdam CCUS project - PORTHOS

12.3-0022-NL-S-M-18

### Programme:

CEF Energy

### Call year:

2018

### Location of the Action:

Netherlands

### Implementation schedule:

March 2019 to March 2022

### Maximum EU contribution:

EUR 6,518,350

### Beneficiaries:

Havenbedrijf Rotterdam N.V. (Netherlands)

<https://www.portofrotterdam.com/en>

N.V. Nederlandse Gasunie (Netherlands)

<https://www.gasunie.nl/en/>

EBN B.V. (Netherlands)

<https://www.ebn.nl/en/>

### Status:

Closed

### Energy corridor:

Cross-border carbone dioxide network

### Energy sector:

CO<sub>2</sub>

### Project(s) of Common Interest:

12.3

### Executive summary:

Executive Summary available [here](#)

### Additional information:

European Commission, DG ENER

<https://energy.ec.europa.eu/topics/infrastructure>

Agency for the Cooperation of Energy  
Regulators (ACER)

<http://www.acer.europa.eu/>

### Last modified:

June 2024



This Action was part of the Project of Common Interest (PCI) 12.3 “The Rotterdam Nucleus (Netherlands and United Kingdom)” that relates to the development of a high-volume CO<sub>2</sub> transportation infrastructure system from the onshore large point sources in the Port of Rotterdam to the CO<sub>2</sub> storage locations in the Dutch and UK parts of the North Sea.

The Action delivered the Front-End Engineering Design (FEED) of the onshore and offshore pipelines and the compressor station, which together will form the CO<sub>2</sub> transport infrastructure system around the Port of Rotterdam. It also delivered a Cost-Benefit Analysis (CBA), including cost estimates, study and negotiations on the terms with gas field operators, signature of a joint development agreement with a group of emitters and the setting up of a commercially viable business case

The results of this Action have determined the feasibility of the realisation of the cross-border CO<sub>2</sub> transport infrastructure in the North-West Europe and they will lead to an increased maturity of the PCI, providing the relevant information to the promoter for the purpose of reaching the final investment decision (FID).

### Action Website:

<https://www.porthosco2.nl/en/project/>