



European
Commission

Project of common
interest:

12.9

PCI fiche

Poland – EU CCS Interconnector (emitters from the industrial cluster in the area around Gdansk, Poland with storage where available in the North Sea country territories)

Cross-border carbon dioxide network

CATEGORY
Carbon Dioxide

CLUSTER
n/a: n/a

COUNTRIES CONCERNED

France(FR)
Netherlands(NL)
Poland(PL)
Norway(NO)

PROMOTERS

Air Liquide Polska Sp. z o.o. (PL)
Zarząd Morskiego Portu Gdansk S.A. (PL)
Polski Koncern Naftowy ORLEN S.A. (PL)
Lafarge Cement S.A. (PL)
Sogestran Shipping (FR)

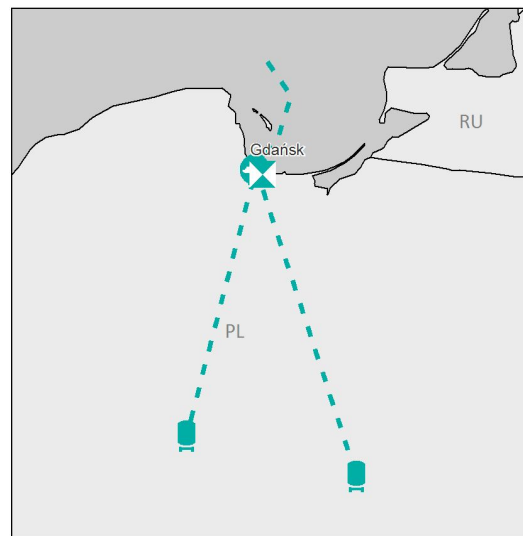
PCI WEBSITE(S)

<https://www.airliquide.com/pl/polska>

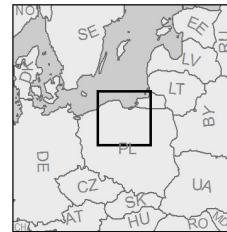
LOCATION
Gdansk (PL)

COMMISSIONING DATE
01/07/2026

LAST UPDATE
March 2023



- PCI 12.9 - CO2 terminal
- PCI 12.9 - CO2 compressor station
- PCI 12.9 - CO2 liquefaction and buffer storage
- PCI 12.9 - CO2 shipping route
- PCI 12.9 - CO2 pipeline



Source: PLATTS, GISCO, European Commission

Technical description

Open access multi-modal liquid CO₂ (LCO₂) import-export terminal in Port of Gdansk with related CO₂ transport infrastructure from the facilities of emitters to European CO₂ transport and storage network in the basin of North Sea with a use of transport via roads, railways, pipelines and ships. The project is scheduled to transport 2.7M Ton of CO₂ per year between 2025-2030 period reaching 8.7M Ton of CO₂ between 2030-2035 period. The CCS interconnector will consist primarily of the following infrastructures: a multi-modal Liquid CO₂ Export Terminal in Gdansk, a CO₂ collector backbone in the Port of Gdansk, to provide industries in the vicinity of the Port with effective access to the Terminal and a primary export infrastructures in the Gdansk hinterland to provide industries located in the hinterland of Poland to access the Terminal via railcars shuttle, trucks, inland waterways, or pipeline.

Energy

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