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

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.