



## BaltiCO<sub>2</sub>Net candidate PCI

Spotkanie informacyjne Stowarzyszenia CCUS Poland, 25.02.2025

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WE ARE EQUINOR

# A broad energy company, searching for better solutions

We are a Norwegian energy company, determined to use our competence, skills and innovation, continuously searching for the solutions that will drive the energy transition.

22,000

EMPLOYEES

Across the world

30

COUNTRIES

Presence and business operations

8,000

SUPPLIERS

Working together with us

170

MILLION PEOPLE

Get access to our energy – everyday





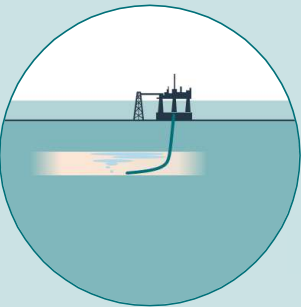
## CARBON CAPTURE AND STORAGE

# Stepwise build of new industry

### 29 year of experience

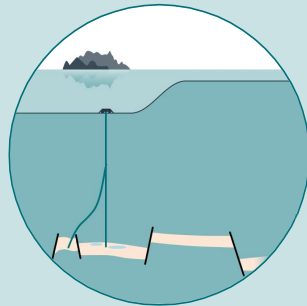
- Nearly 30 Mt stored to date
- Wide range of concepts

Sleipner | 1996



CCS works!

Snøhvit | 2008



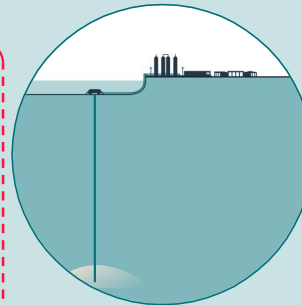
Expand technologies

TCM | 2012



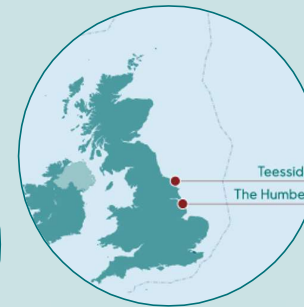
Reduce capture cost

Northern Lights | 2024



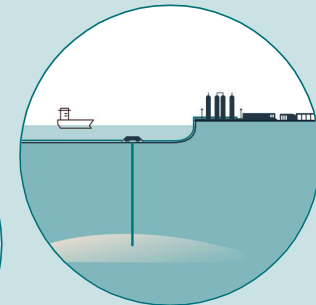
Market opener

NEP | 2027  
Bayou Bend | 2028



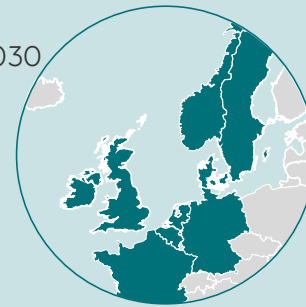
Beyond NCS

Smeaheia | 2029  
CO<sub>2</sub> Highway | 2030  
Kinno, Albonidigas | 2030  
CO<sub>2</sub> Storage Kalundborg | 2030



Bring costs down through scale-up

Future potential



NSB & US

### Future CCS ambitions

- 30 – 50 Mtpa by 2035 (Equity)
- Focus on the North Sea Basin (including Denmark) and Texas coastal area

# What are Projects of Common Interest (PCIs) and Projects of Mutual Interest (PMIs) ?

## DEFINITION

Key trans-European cross border infrastructure projects that link the energy systems of EU countries help the EU achieve affordable, secure and sustainable energy for all citizens, and the long-term decarbonisation.

## REGULATORY BASIS

Trans-European Energy Networks (TEN-E) policy (2013, [updated in 2022](#)). As part of the policy, **eleven priority corridors** (location-based) and **three priority thematic areas** (technology/sector-based) have been identified (see on the right).

## PCI vs PMI

Introduced in the new revised TEN-E of 2022 are PCIs that include a non EU third country (NO, UK).

### 11 PRIORITY CORRIDORS

- 3 Electricity corridors
- 5 Offshore grid corridors
- 3 Hydrogen and electrolyzers corridors

### 3 PRIORITY THEMATIC AREAS

- Smart Electricity grid deployment thematic area,
- Smart gas grid thematic area,
- Cross-border carbon dioxide network thematic area.

More information [here](#)  
Map of the current PCIs [here](#)

# Candidate PCI BaltiCO<sub>2</sub>Net

CO<sub>2</sub> transport and storage infrastructure for large-scale decarbonization of the Baltic Sea region

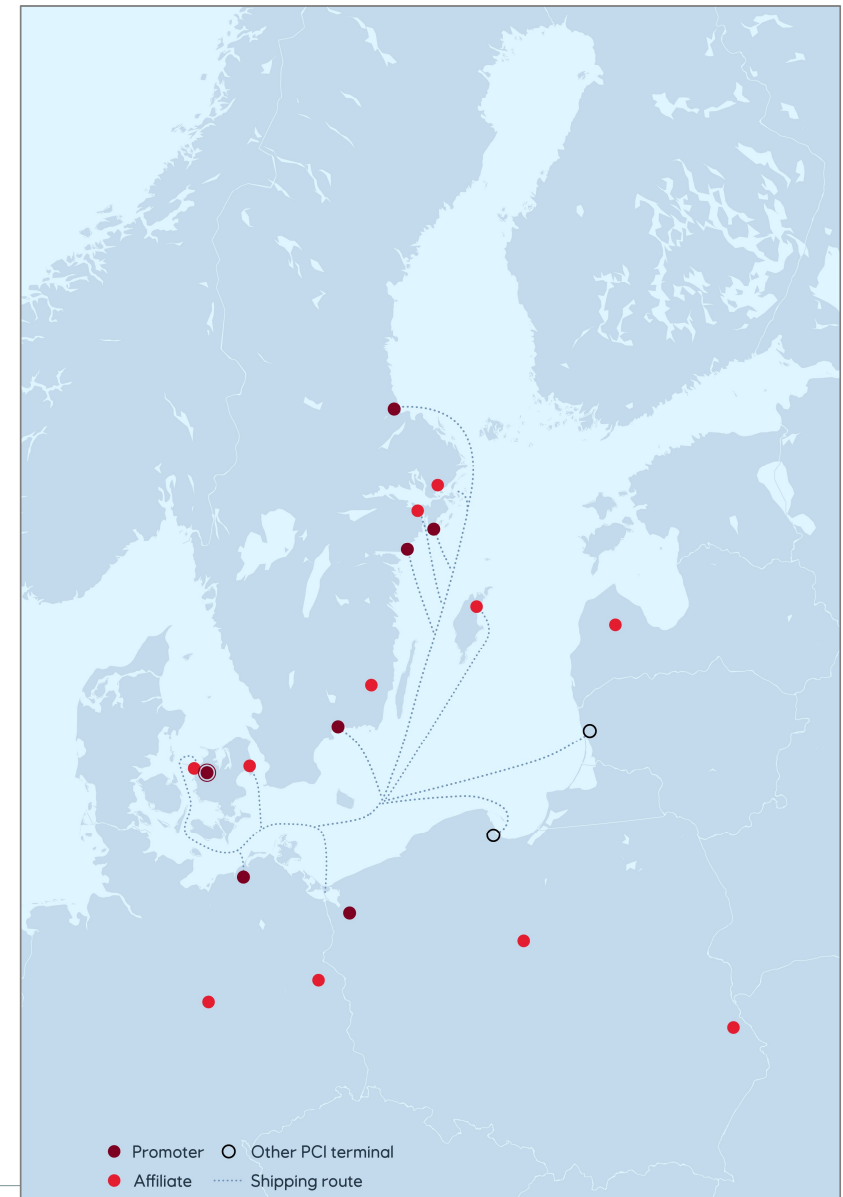
**5**  
EU Member States

**8**  
promoters

**~23**  
CO<sub>2</sub> Mtpa of transport infrastructure capacity

**17**  
capture initiatives

**~13.6**  
Mtpa of captured CO<sub>2</sub>

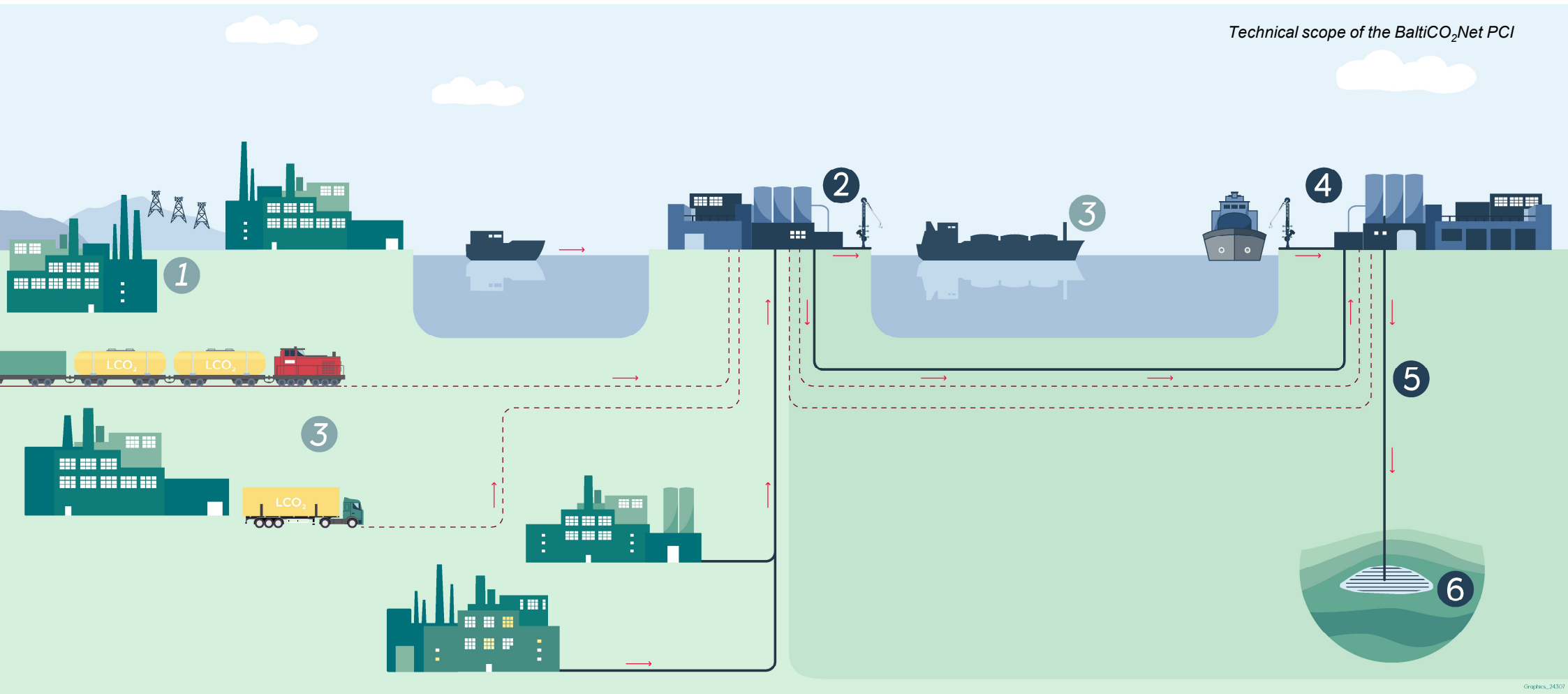


# BaltiCO<sub>2</sub>Net – multimodal cross-border CO<sub>2</sub> transport & storage infrastructure from the Baltic Sea region to Denmark

- 1 CO<sub>2</sub> capture at industrial facilities\*
- 2 CO<sub>2</sub> loading terminals
- 3 Transport of CO<sub>2</sub> to loading/receiving terminals (barges, trucks, rail, pipeline, shipping)
- 4 CO<sub>2</sub> receiving terminal
- 5 Transport from receiving terminal to storage site
- 6 Permanent CO<sub>2</sub> storage

*\*]grey italics: components outside the scope of this PCI*

*Technical scope of the BaltiCO<sub>2</sub>Net PCI*



# CO<sub>2</sub> Storage Kalundborg | Project introduction

CO<sub>2</sub> Storage  
Kalundborg

A project by  
Equinor, Ørsted  
& Nordsøfonden

- Onshore exploration license awarded June 2024
- **Strong partnership:**
  - Equinor (60%, storage operator), Ørsted (20%, terminal operator), Nordsøfonden (20%)
- **4 years work program:**
  - Aimed to assess and confirm geological potential for CO<sub>2</sub> storage
  - 3D seismic acquisition and processing + two confirmed wells
  - Apply for permanent CO<sub>2</sub> storage license or return the area
- **Significant volumes expected – to be confirmed**
- **Terminal**
  - Transport CO<sub>2</sub> to receiving terminal, Ørsted Kalundborg CO<sub>2</sub> Hub
- **Targeted start-up by 2030**





## Summary and way forward

- Candidate PCI **BaltiCO<sub>2</sub>Net** - CO<sub>2</sub> transport and storage infrastructure for large-scale decarbonization of the Baltic Sea region
- PCI application submitted on 18<sup>th</sup> of Dec 2025
  - **Supported**, among others, **by CCUS Poland Association**
- Presentation of the candidate PCIs by the project promoters to the European Commission on 13<sup>th</sup> of March 2025
- Ongoing public consultations of candidate projects (from 31 Jan to 25 Apr)  
→ request your industry interest associations to express their support to the BaltiCO<sub>2</sub>Net PCI
- Expected announcement of the 2<sup>nd</sup> PCI list in November 2025



Energy for people.  
Progress for society.  
Searching for better.

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