

Horisont Energi and Arctic CCUS Cluster

Barentshavskonferansen April 2024



A Norwegian company developing clean energy and CO₂ transport and storage

ABOUT US:

- Committed to accelerating the energy transition
- Head office in Stavanger
- Experienced and dedicated team of 40 people
- Pure play carbon storage & clean ammonia company leading industrial partners
- Industrial ownership E.ON as largest shareholder with 25% stake

CO₂ TRANSPORT AND STORAGE

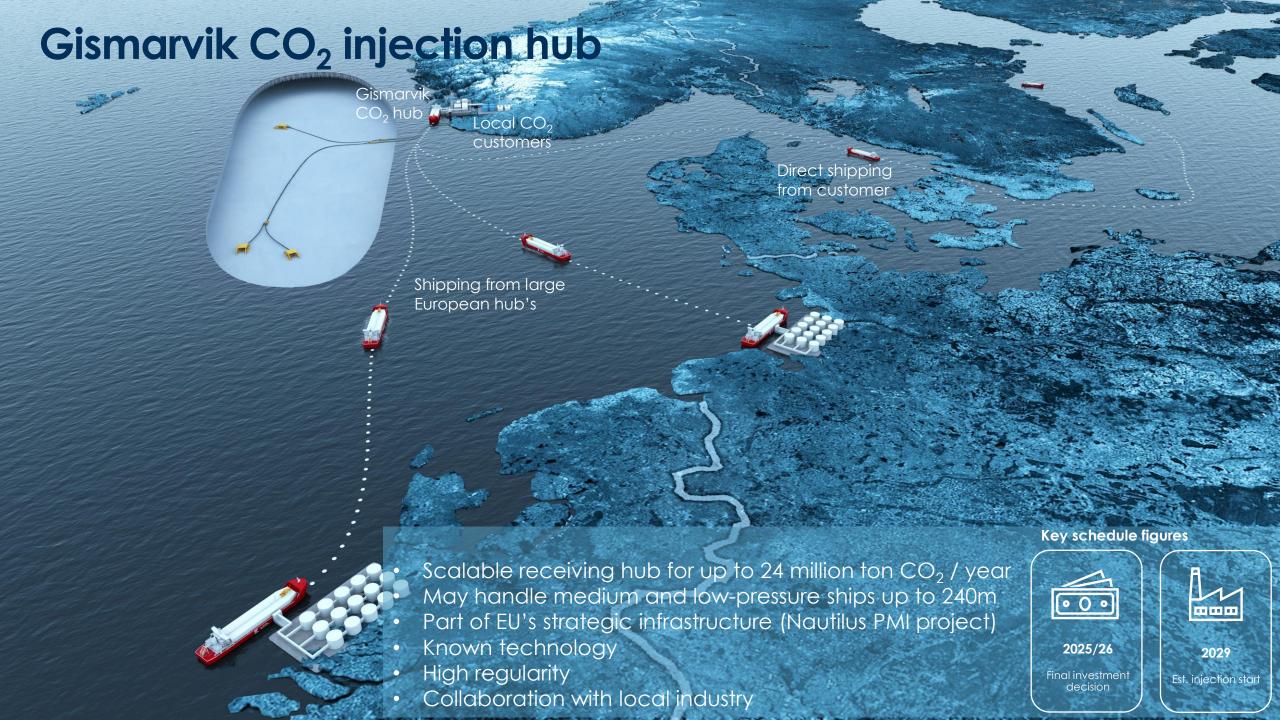
> CLEAN AMMONIA



Establishing large scale industrial projects in Norway

To accelerate the energy transition and to meet the high European demand







Barents Blue Ammonia What does the Barents Blue project do for Finnmark?

- Barents Blue provides infrastructure that builds Finnmark for the future
- Creates above 500 future oriented jobs in Northern Norway
- Transforms Finnmark into a global production region for clean ammonia
- Places Finnmark in a leading role in the energy transition of Norway

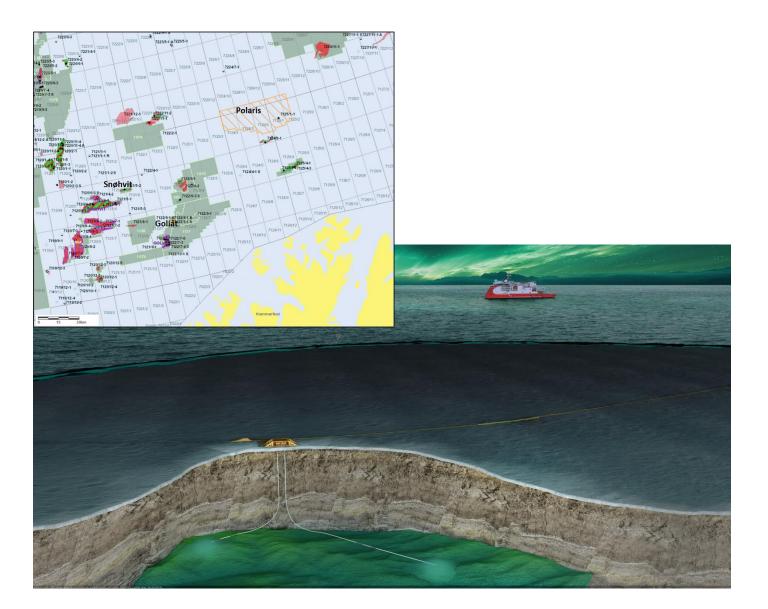




Polaris CO₂ exploration licence







- Licence EXL003 awarded in 2022
- Operated by PGNiG Upstream Norway
- 160 km north of Hammerfest
- Barents Blue anchor customer
 - 1st train 2 million ton CO₂/year
- Planned with robust operations and mature technology
- Project lifetime 25+
- The first CO₂ value chain in Northern Norway for third parties

Arctic CCUS Cluster - Aim of the initiative

Collaboration to develop decarbonisation solutions

for Northern Finland, Sweden and Norway

Working across borders for efficient solutions

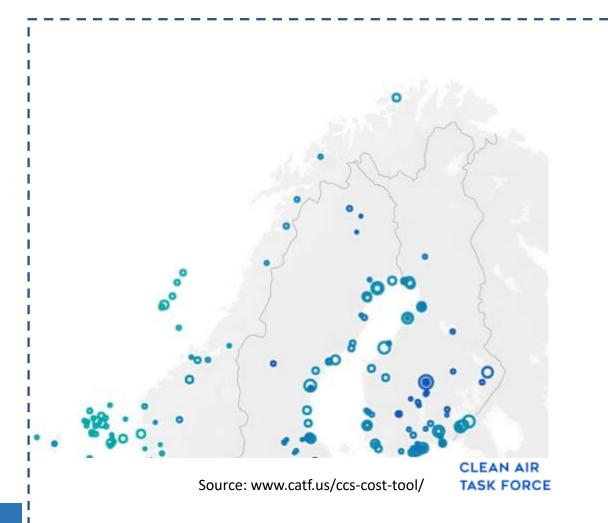






Why Arctic CCUS Cluster

- Industrial area with high emissions
- Country and company ambitions to reduce emissions
- Currently limited outlet for the CO₂
- Collaboration to build a positive business case and to accelerate the industrial decarbonisation



Accelerating industrial decarbonisation

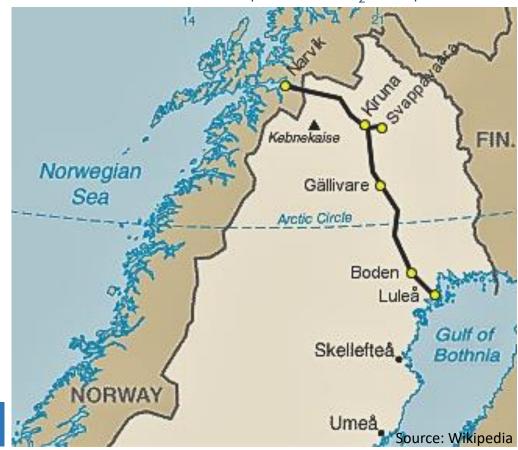




How to proceed with Arctic CCUS Cluster

- Gather interest
 - CO₂ emitters
 - CO₂ transport / infrastructure developers
 - Intermediate storage sites / harbour sites
 - CO₂ utilisation and storage providers
 - Academia
- Evaluate need for coordinated development / sharing of facilities and infrastructure / funding opportunities etc.

Ofotbanen / Malmbanan possible CO₂ transport route:



Join a local initiative for global change

Accelerating the transition to carbon neutrality through pioneering projects

