

Horisont Energi

Arctic Securities Carbon Capture Webinar

Wednesday 10 March 2021



OUR MISSION STATEMENT

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BRIDGING THE GAP TO A
CARBON NEUTRAL FUTURE

A top-tier European carbon tech company

1 The carbon storage cost leader



Europe's preferred carbon storage provider



Europe's leading carbon storage asset developer

2 First to market with world scale blue ammonia



Deliver cost-competitive clean ammonia to the global market



Become the preferred supplier of clean ammonia in Northern Europe



Who we are



Based in Stavanger on the western coast of Norway

- **Founded** in 2019
- **14 employees** and **growing**

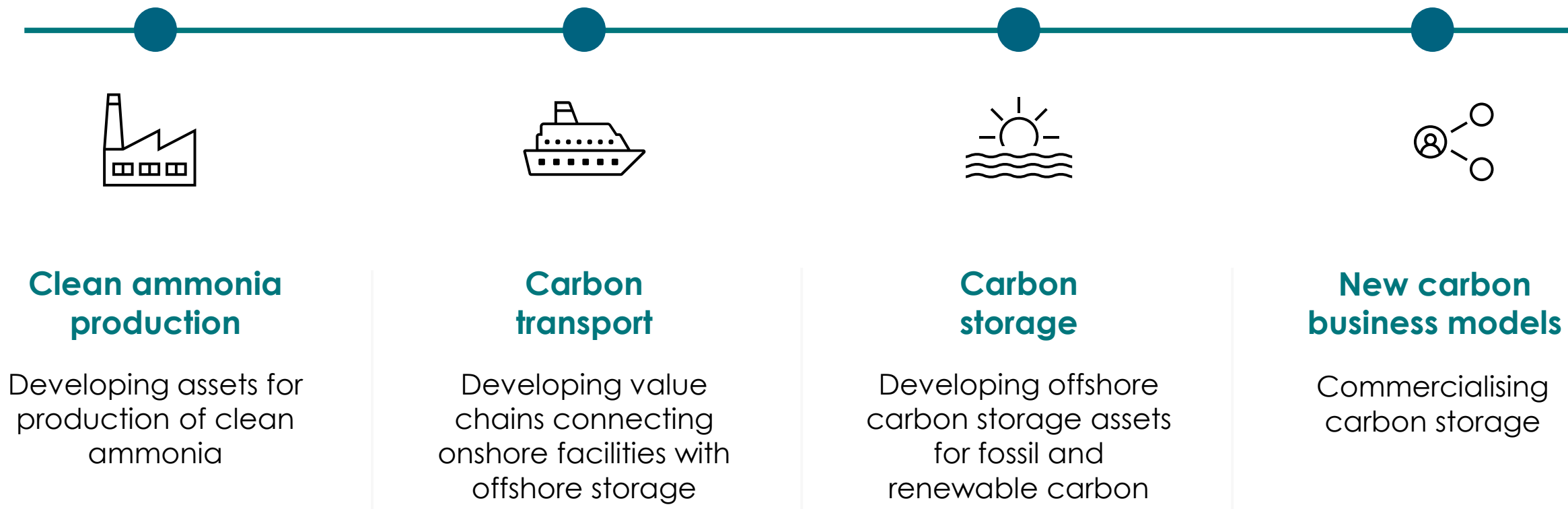
Focusing on commercialisation of carbon storage through

- **Clean hydrogen** and **ammonia**
- End-to-end **carbon storage**

Organised with competent and experienced personell for

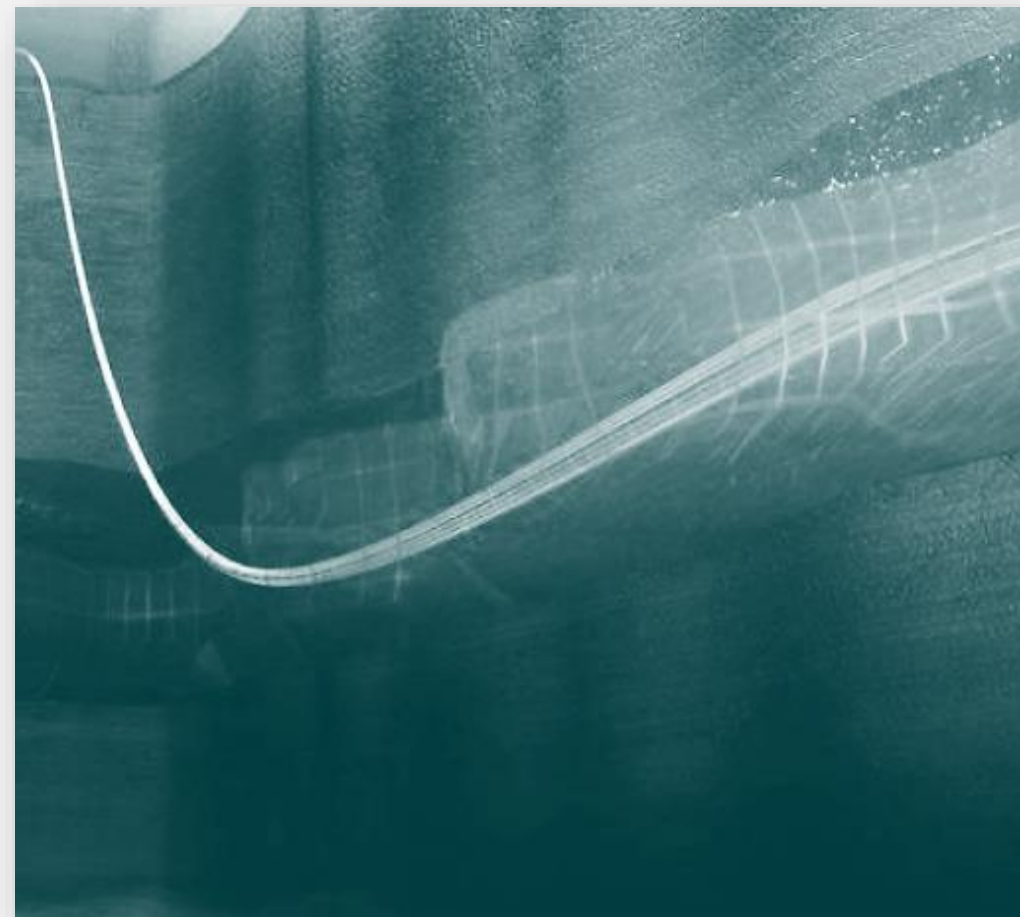
- **offshore carbon facilities** developments; and
- **onshore hydrogen** and **ammonia facilities** development

What we do

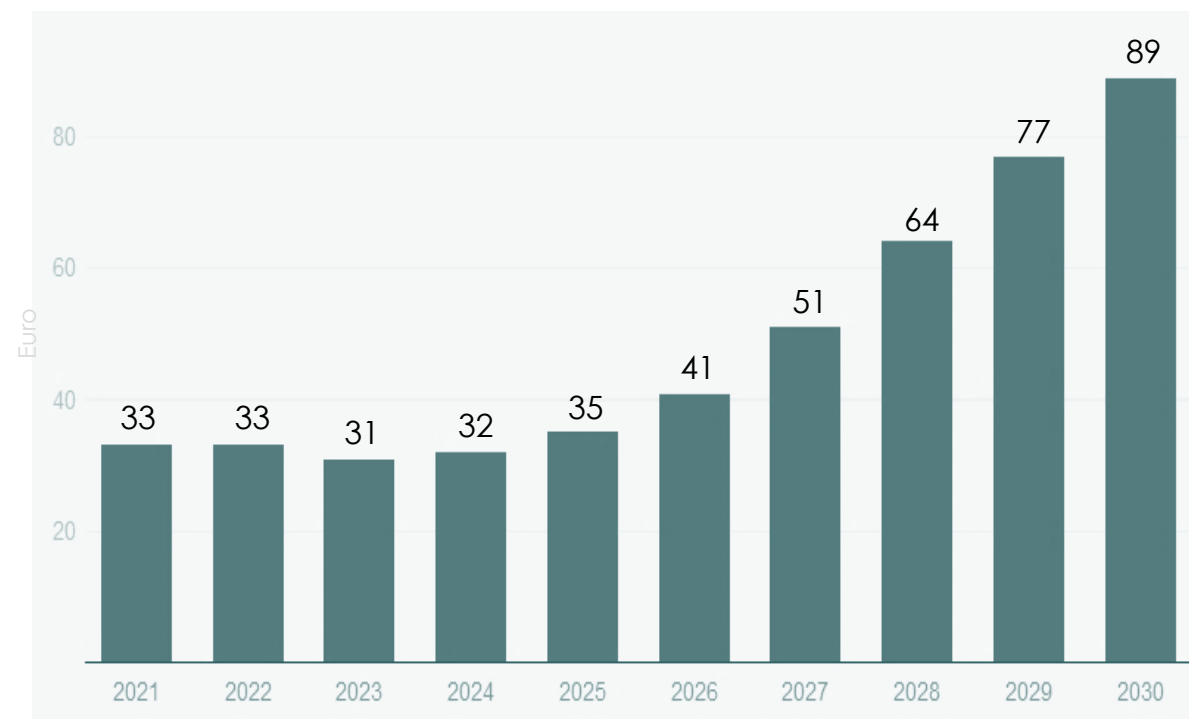


Introduction to CCS in Norway

- **1996** Sleipner CO₂ injection started
- **2007** Snøhvit CO₂ injection started
- **2014** Norwegian CO₂ storage legislation for storage of CO₂ from third parties (exploitation licenses)
- **2019** First CO₂ storage license, no EL001 «Aurora», awarded to Northern Lights
- **2019** Resolution to the London protocol opens up for bilateral agreements between countries for transport of CO₂ across national borders
- **2020** First PDO for a CO₂ storage project for third parties, Northern Lights, delivered in Norway



EU Emission Trading System

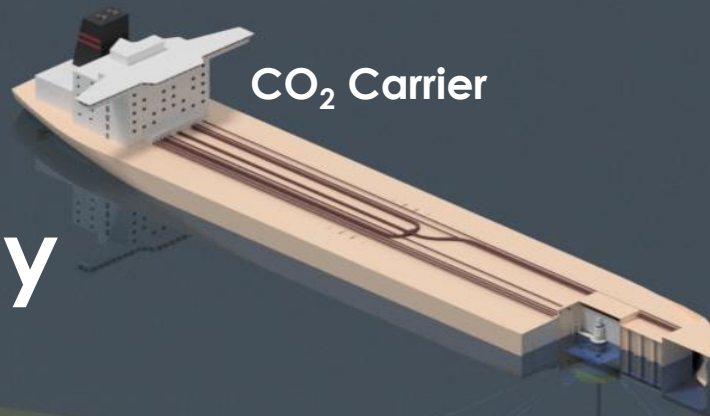


Source: Refinitve/E24/Investing.com

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Our CO₂ Technology

Onshore Control Room



CO₂ Carrier

Offshore
off-loading
system

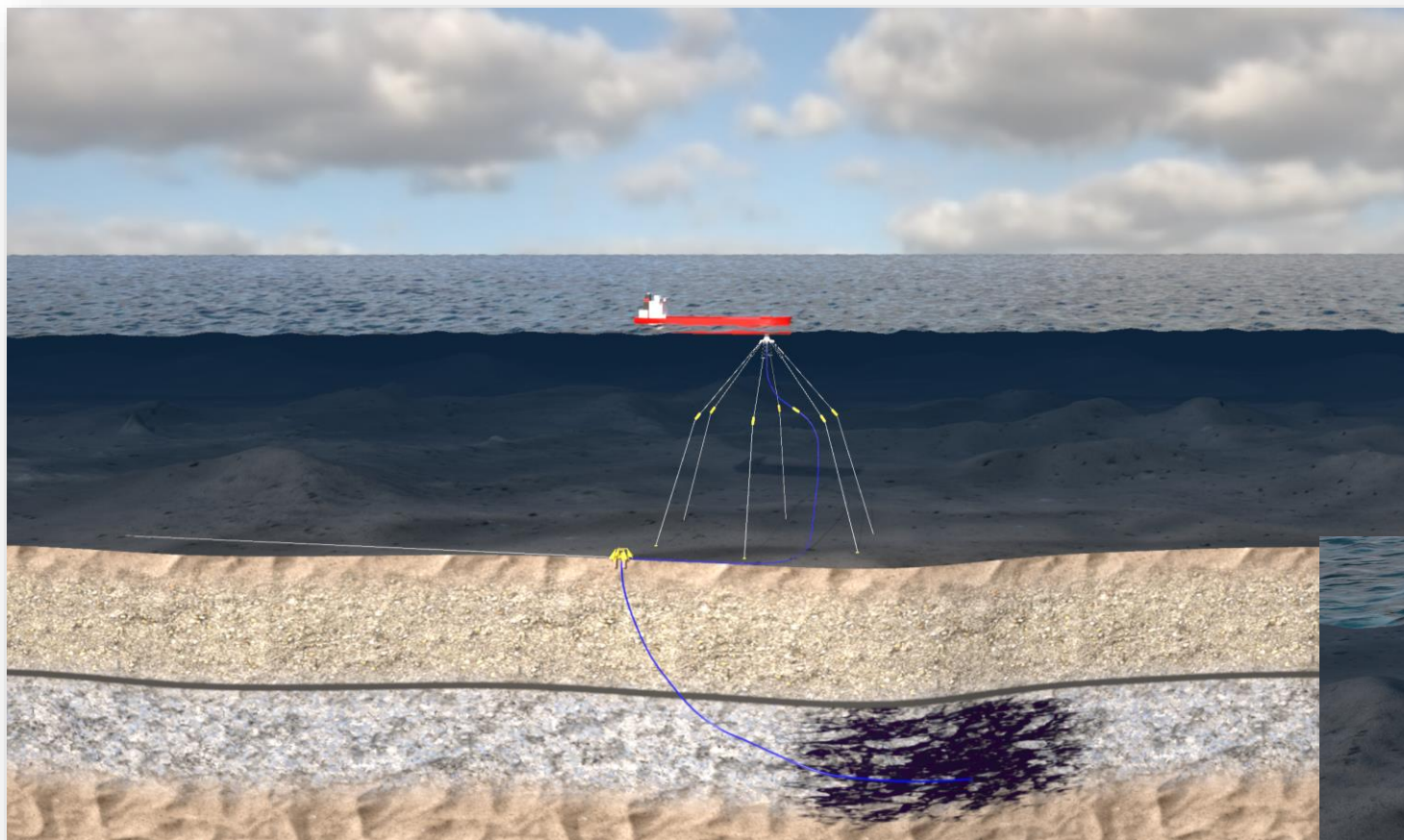
Power & control cable to shore

CO₂ injection system

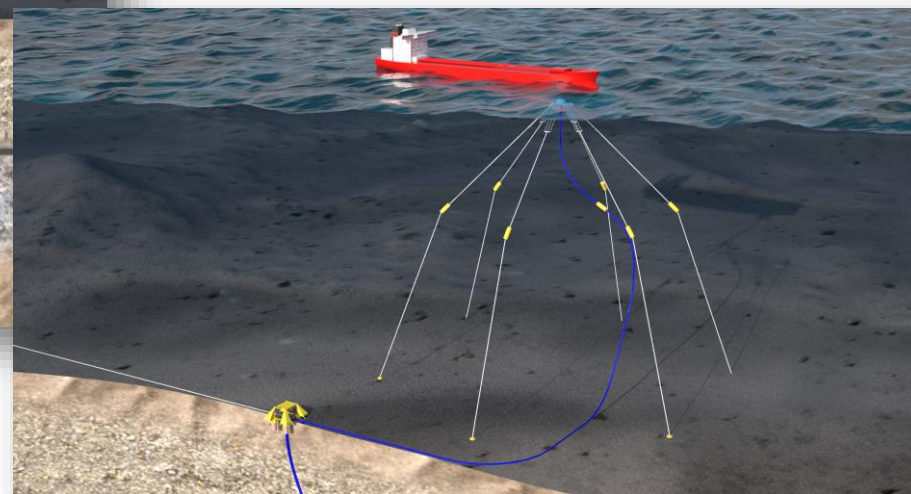
CO₂ injection riser

Patent Pending

Polaris – our first carbon storage

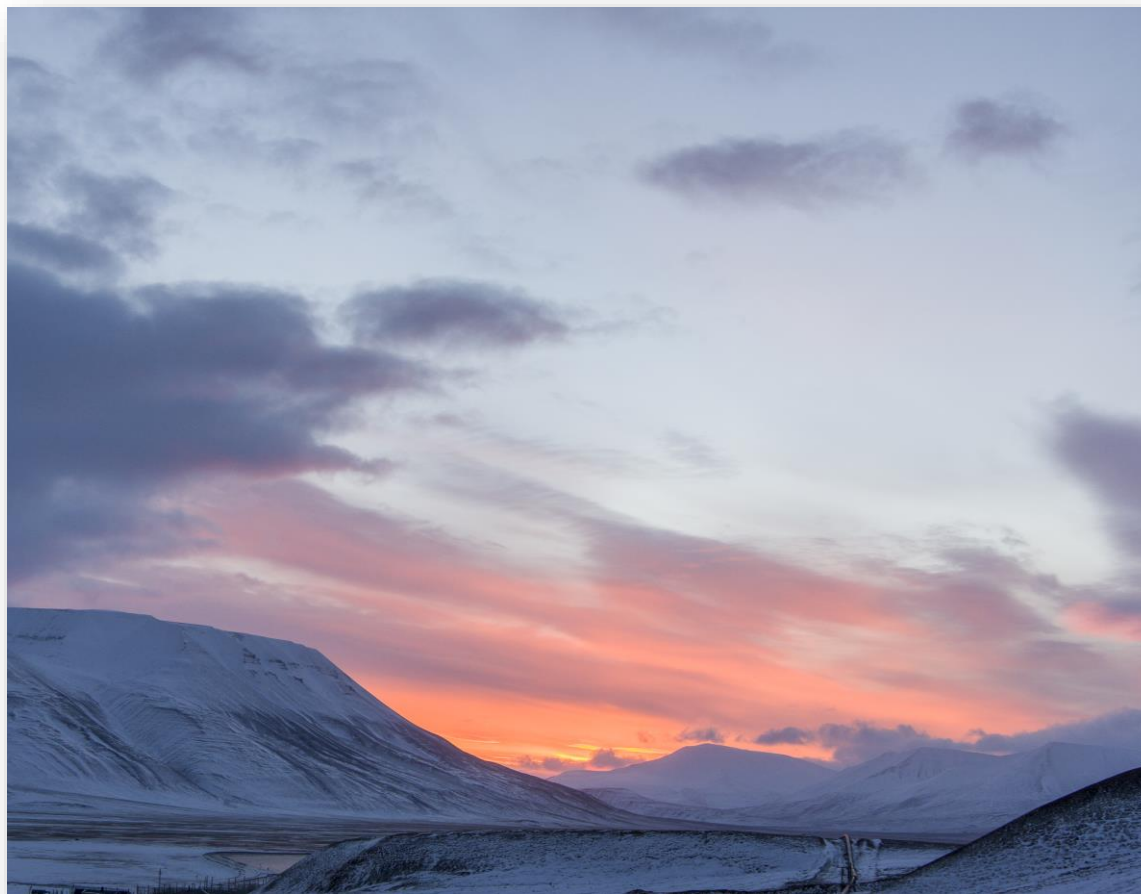


- 100 km off the coast
- High quality reservoir
- 2 million tons/yr CO₂ injection capacity in the first phase
- Over 100 million tons of estimated storage capacity



Summary

- The regulatory frames for CCS is established
- We aim to be the carbon storage cost leader
- We have unique CO₂ storage technology reducing risk
- We are developing our first CO₂ storage asset – Polaris



Q & A