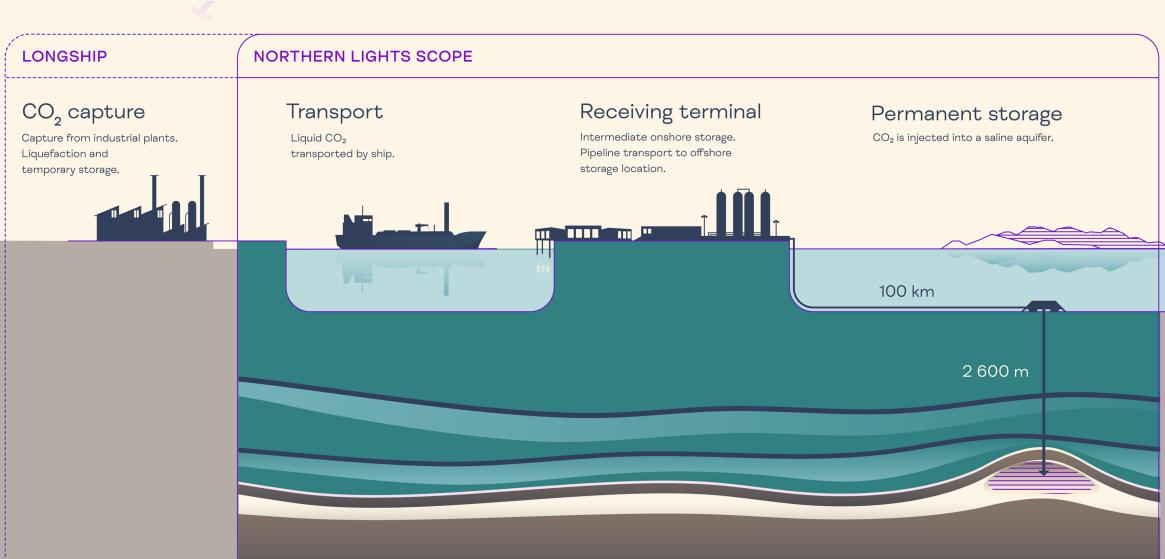


Longship value chain





The Longship project

- → The first phase of the Northern Lights development is **80% funded** by the Norwegian state
- → Part of the **Longship project**(launched 2020): the Norwegian
 government's ambition to develop a fullscale CCS value chain in Norway
- → Aiming to **demonstrate the potential** of this decarbonisation approach to Europe and the world.
- → Includes CO₂ capture from the Heidelberg Materials cement factory (Norcem) and the Hafslund Oslo Celsio (Celsio) waste-to-energy plant.









Drilling completed

- → Drilling of exploration well in 2020 confirmed reservoir in Johansen formation suitable for safe and permanent CO₂ storage
- → Located within CO₂ storage **license EL001** in the North Sea, awarded in January 2019
- → Drilling operations for a CO₂ injection well and a contingent injection well completed November 2022
- → Preliminary results confirm the **storage capacity** of at least **5 million tonnes** CO₂ per annum





Ship transport status

- → Two LCO2 transport ships under construction at Dalian Shipbuilding Industry Co shipyard in China 50% completed
- → Ship building **contracts awarded** in October 2021
- → Construction start marked by steel cutting ceremony in November 2022
- → World's largest custom LCO2 ships
- → Ships on schedule to be **delivered** in 2024
- → **Third** ship building contract awarded in September 2023 for delivery in 2025



Ship construction at Dalian Shipbuilding Offshore Co. September 2023



Commercial contracts





Yara

- → Ammonia and fertiliser plant in the Netherlands
- → Main terms of agreement signed in August 2022
- → 800.000 tonnes CO2 annually



Ørsted

- → Bioenergy plants in Denmark negative emissions
- → Transport and Services Agreement signed in May 2023
- → 430.000 tonnes CO2 annually

