

# CO<sub>2</sub> Transport and Storage as a Service

26 May 2025



## **Mission:**

Enable reduction and removal of European industrial CO<sub>2</sub> emissions



# Phase 1 – Ready for operations, first CO<sub>2</sub> on site



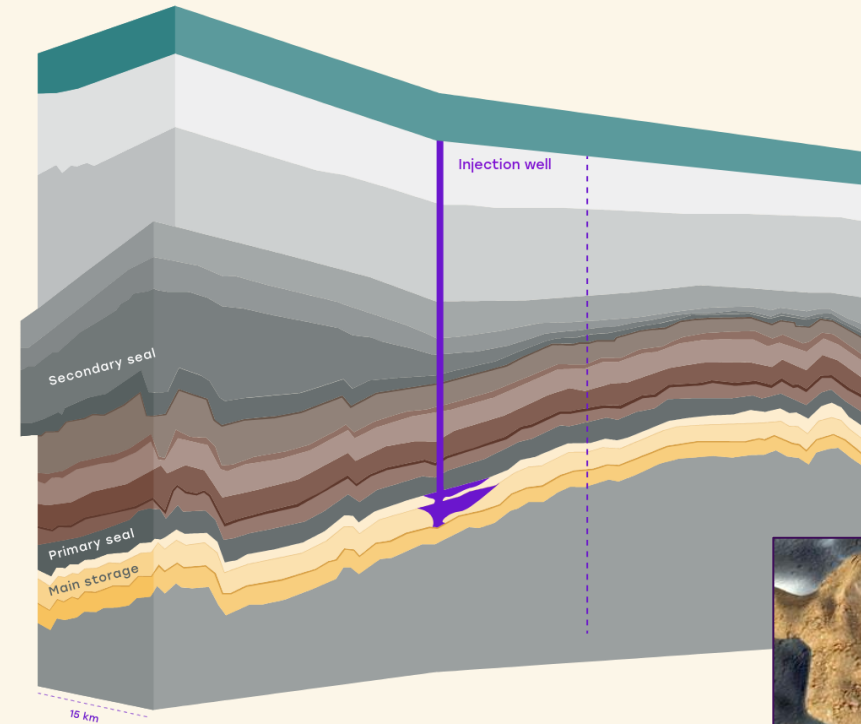
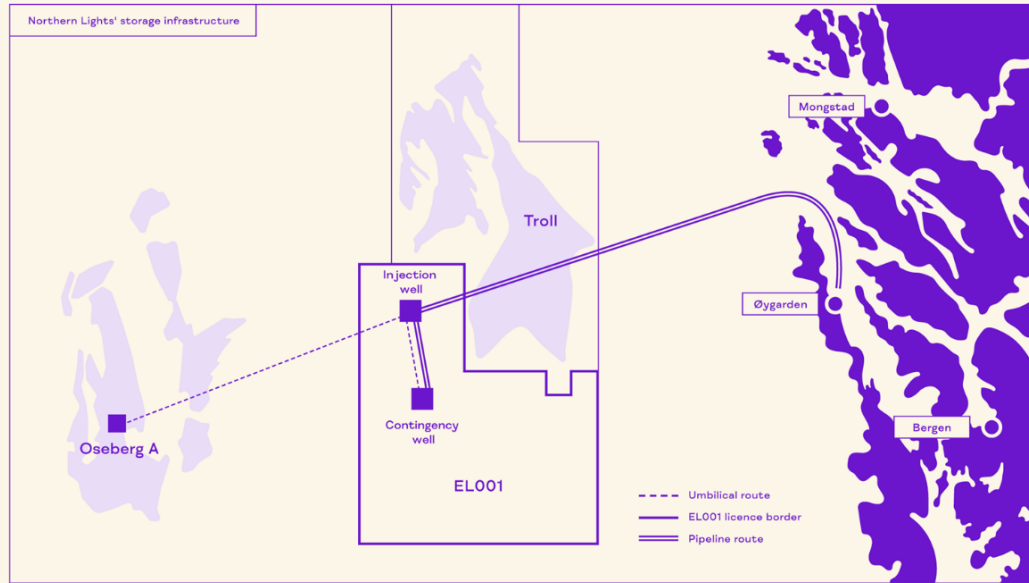
Co-funded by  
the European Union

Phase 1 – part of Norwegian authorities' Longship project

Phase 2 – co-funded by the EU



# World Class Geological Storage



West Bay Cliffs, South England



CO<sub>2</sub> in the pores of the sandstone

## Monitoring Strategy



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### IN-WELL MONITORING

for assessment of  
Injection well performance  
and reservoir pressure

### ACTIVE / 4D SEISMIC MONITORING

for assessment of  
CO<sub>2</sub> plume migration

### PASSIVE / NATURAL SEISMIC MONITORING

for assessment of seismicity

# Phase 2 – expansion project started



Growth

Phase 2  
~120Mt

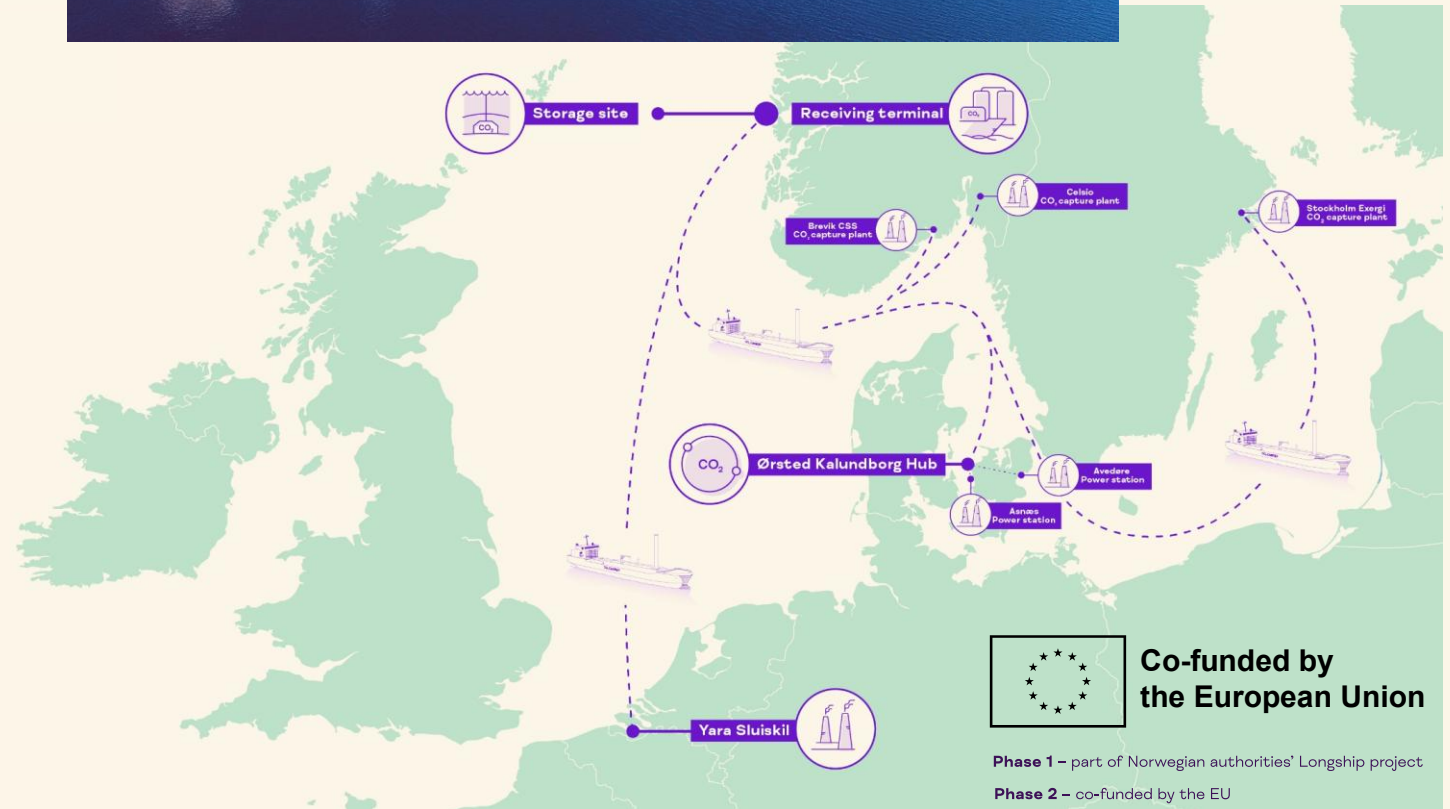


+3,5 mpta

Phase 1  
37,5Mt

Norwegian State Support Agreement

1,5 mpta  
25 years



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# Lessons learned

- Understanding of technical challenges and solutions
- Planning and alignment of timelines along full chain
- Uncertainties, risks and Business case
- Core capabilities, trust and customer focus
- Collaboration between companies and authorities
- Speed of market maturation



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# Northern Lights

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