

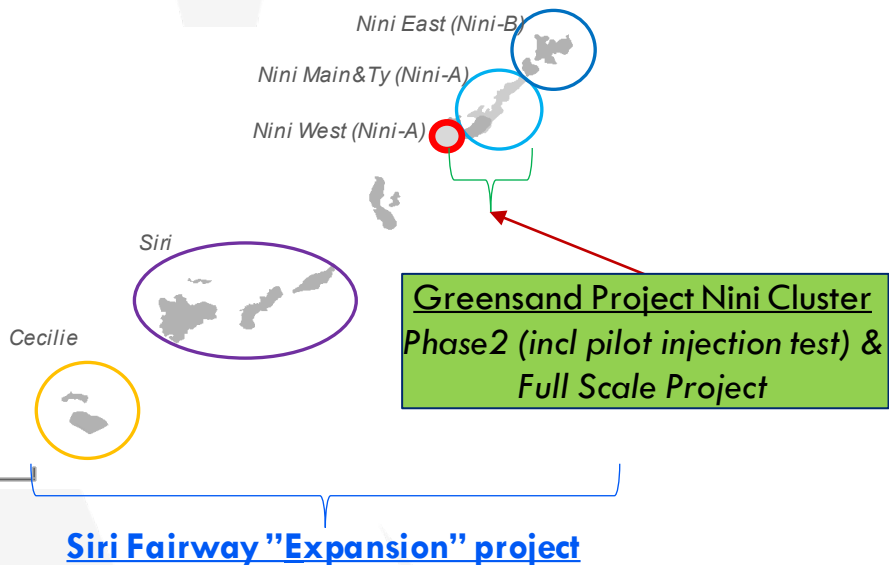
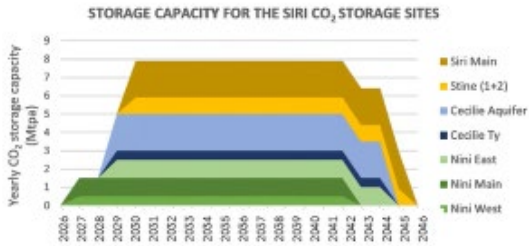
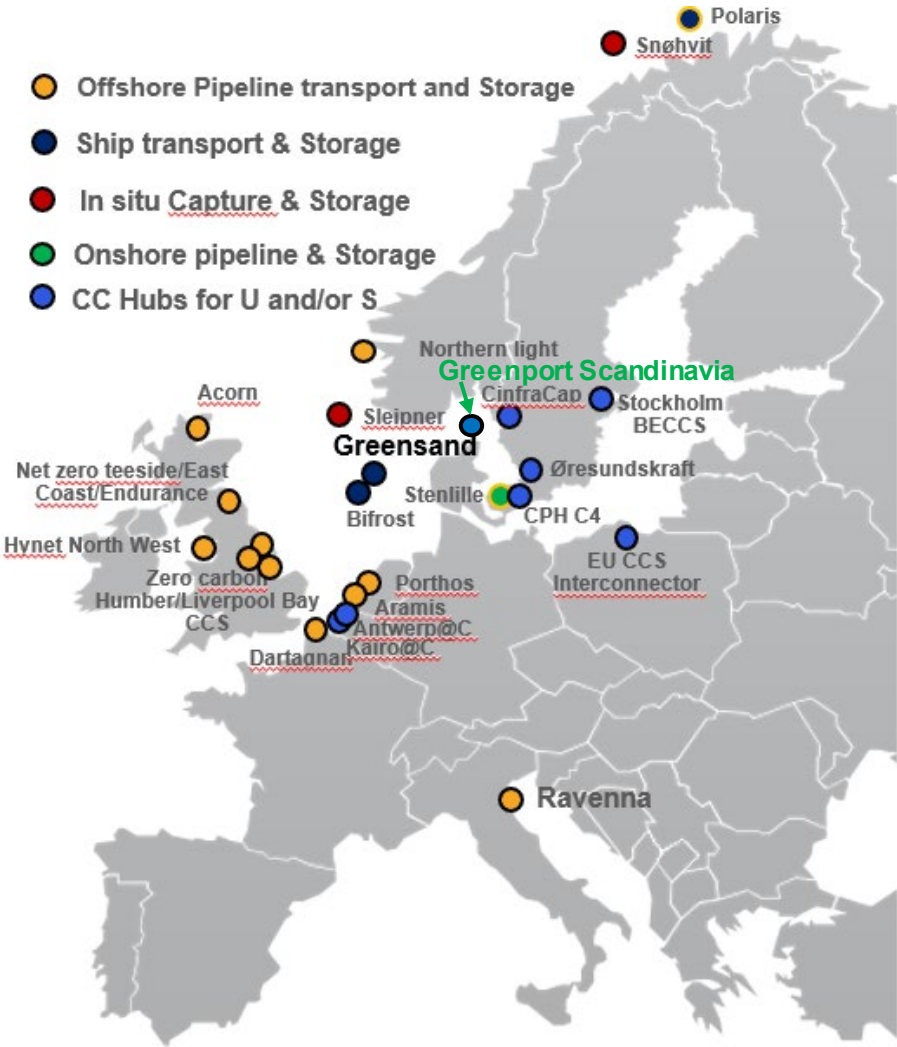
Greensand Project – Phase 2 **Safe CO₂ Offshore Transport and** **Storage Pilot Project in the** **North Sea and CCS research** **activities**

**A CCS project by INEOS Energy, Wintershall Dea and
Nordsøfonden**

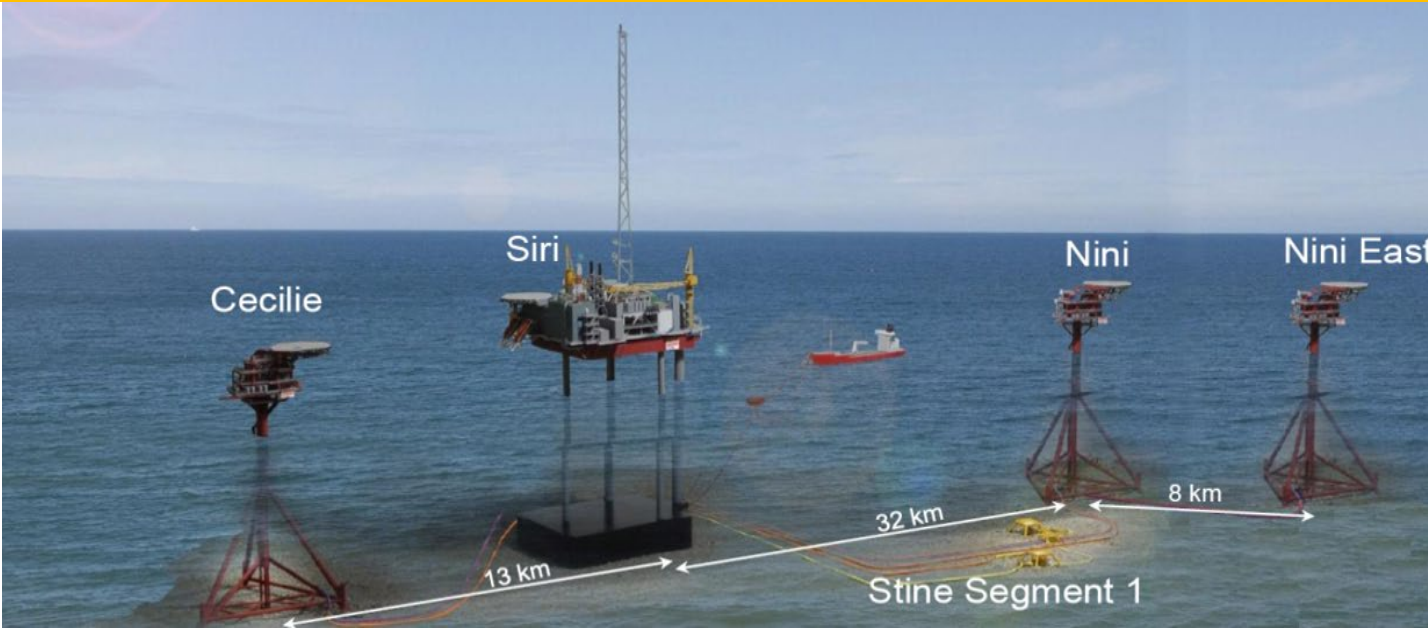


Visit www.projectgreensand.com

Greensand Project Overview

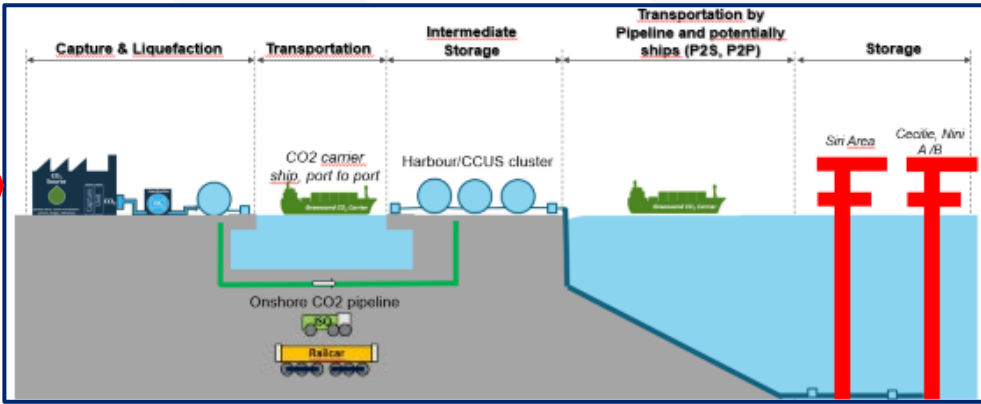
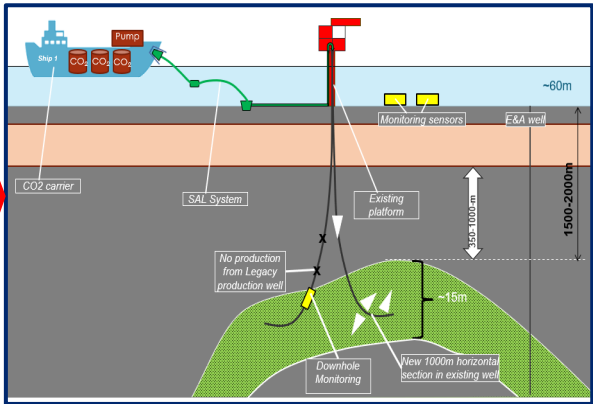
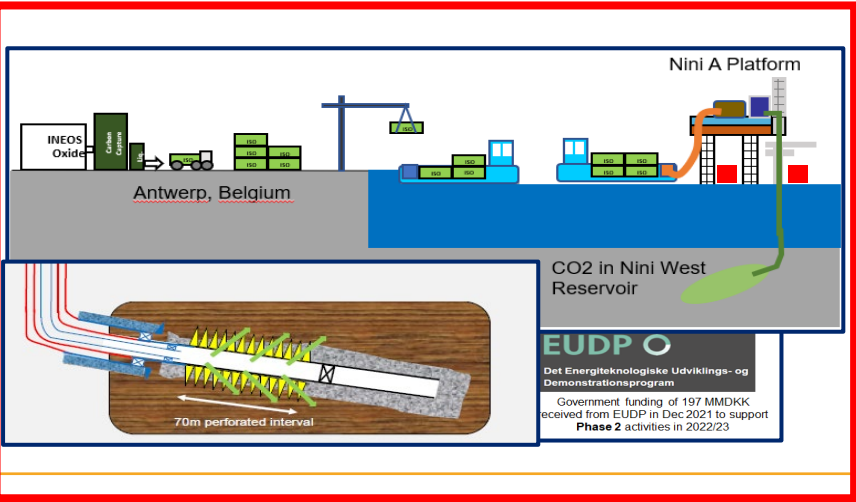
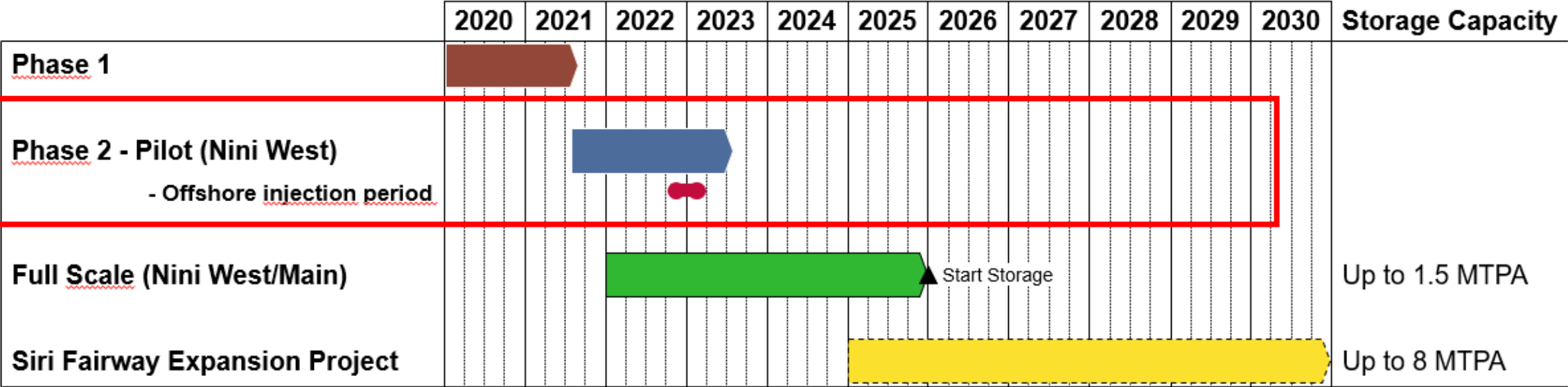


Turning the Siri area into a CO₂ storage hub



Greensand Project Phases and Timelines

Development maturation is ongoing towards offshore transport & storage of CO2 in 2025/26

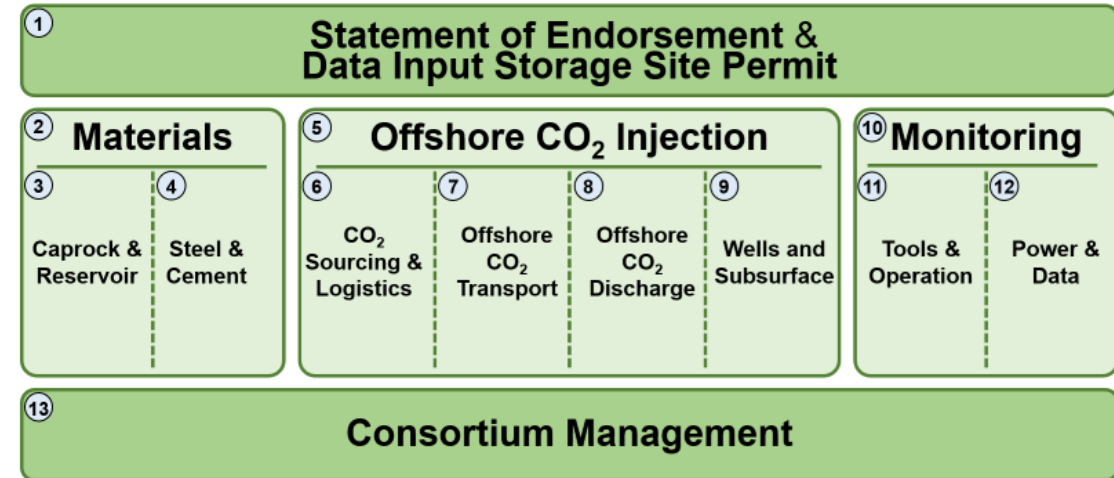


Phase 2 Work Scope and Consortium

Strong support obtained in Dec. 2021



The Greensand Phase 2 Consortium Partnership				
INEOS Energy	 wintershall dea	NOBLE	 De Nationale Geologiske Undersøgelser for Danmark og Grønland	
INEOS Oxide	BLUE WATER SHIPPING	 SEMCO maritime	RAMBOLL Bright ideas. Sustainable change.	 DAN-UNITY CO ₂
 energy CLUSTER DENMARK	GEEL-MUYDEN KIESE	Welltec	 AKER CARBON CAPTURE	 Technical University of Denmark
Reson Waves	 SPOTLIGHT	ESVAGT	UNIVERSITY OF Southampton	 National Oceanography Centre
 WIND POWER LAB Global Blade Optimisation	magseis fairfield	 DHI	 DANISH TECHNOLOGICAL INSTITUTE	Supported by: EUDP C Det Energeteknologiske Udviklings- og Demonstrationsprogram

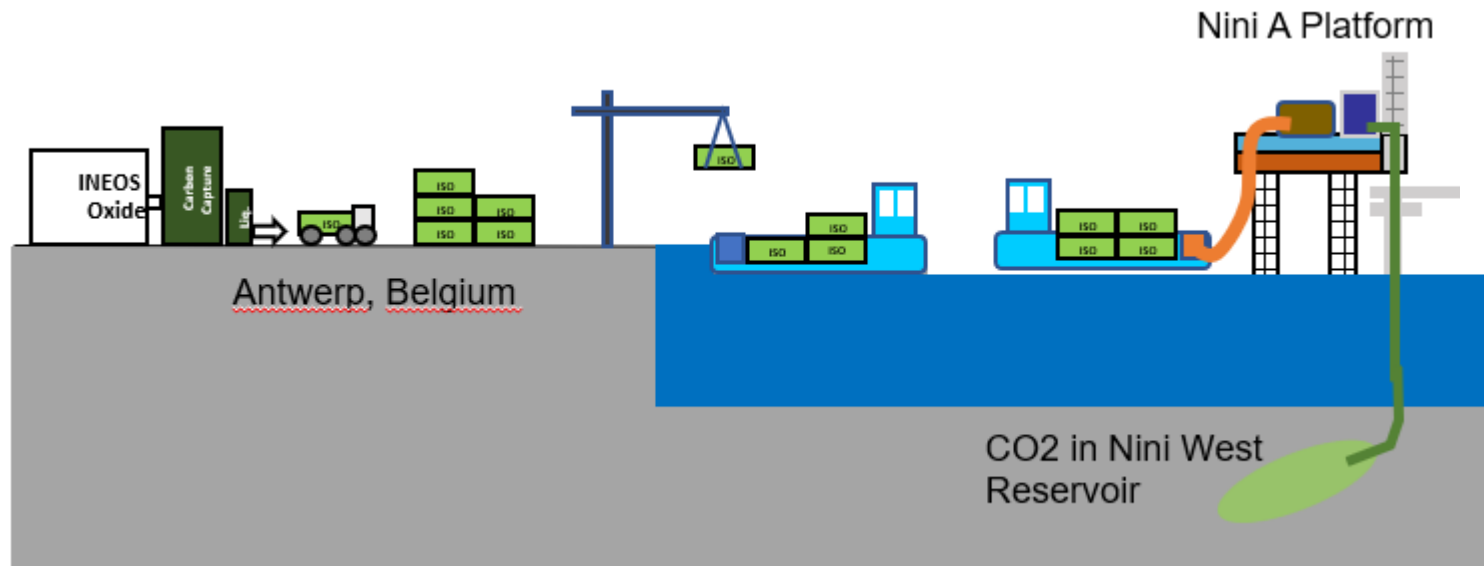


Greensand Project

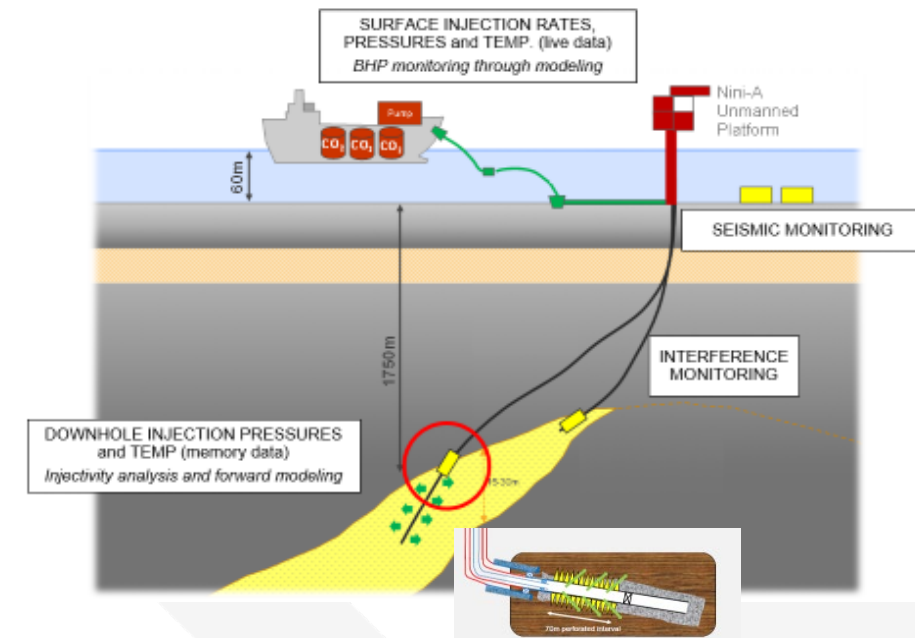
Phase 2 – Pilot CCS value chain and Seismic monitoring

Key Objectives:

- Secure permitting
- Obtain state support
- Effective public communication
- Test reservoir injectivity (rate/cyclicality)
- Develop pilot full value chain and learn!
- Verify applicability of monitoring technology
- Establish and kick-off full scale maturation process



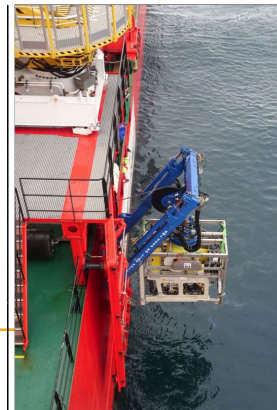
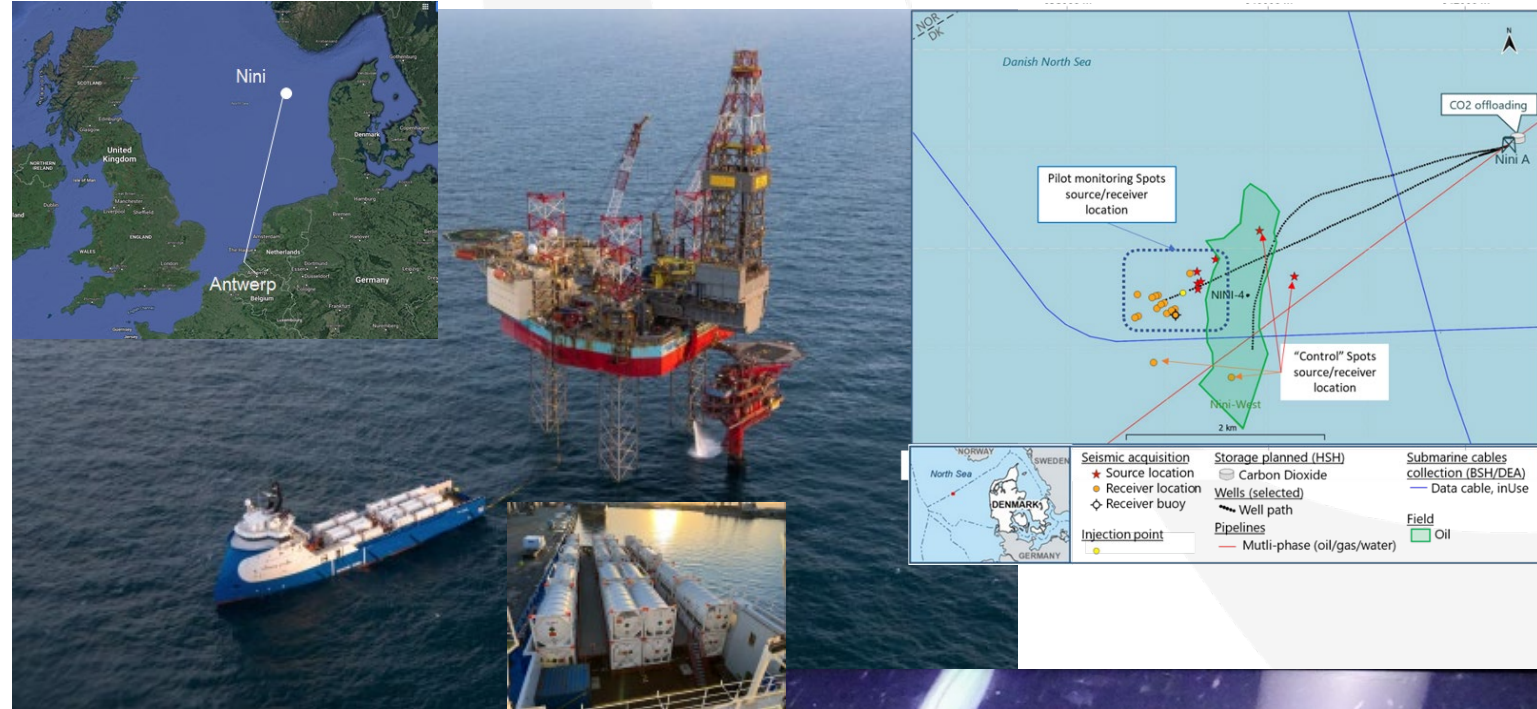
Pilot Subsurface Data for Model Calibration



Greensand Project

Pilot Injection and seismic CO2 detection trials completed

- Finalized operations safely end March 2023
- Liquid CO2 Injectivity preserved through repeated injection cycles
- 3 seismics surveys conducted – results looks promising
- Objective to demonstrate full value chain met
 - Results and Lessons Learned to be used in ongoing maturation of commercial Full Scale Project (Nini West/Nini Main 1.5 MTPA in 2025/26)
- Remaining Phase SoW run through to end 2023



"First Carbon Storage" event on March 8th, Esbjerg Harbour

[First Injection event edit \(vimeo.com\)](#)



"This is a big moment for Europe's green transition and our clean tech industry. The first ever, full value chain for carbon capture and storage in Europe. You are showing that it can be done. That we can grow our industry, through innovation and competition. And at the same time, remove carbon emissions from the atmosphere, through ingenuity and cooperation"

Speech by President Ursula von der Leyen at the "First carbon storage" event celebrating the first full value chain cross-border offshore carbon storage



Greensand Project Status – June 2023

Thank you for your
attention