The Greensand CO2 Transport and Storage Project

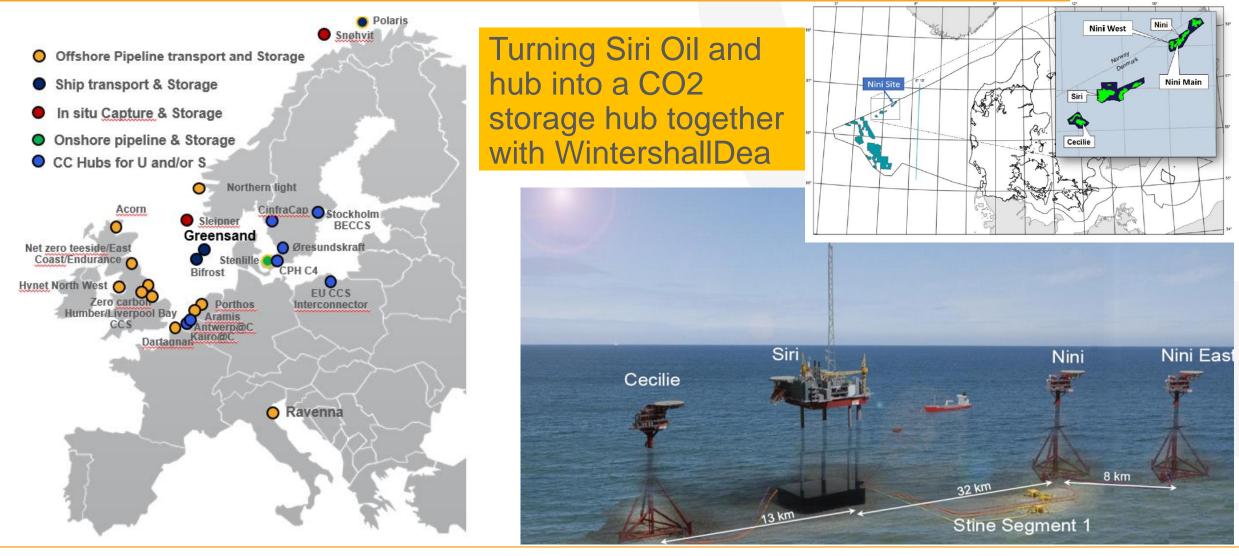
INEOS Energy and Wintershall Dea

Status and Outlook

Søren Reinhold Poulsen Head of Denmark Assets Greensand Project Director INEOS Energy Denmark



Greensand in the European CCUS expanding landscape!



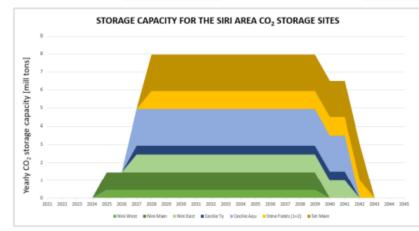


Greensand Project – Transport and Storage of CO2 Overview



- Use of Siri Area for CO₂ storage INEOS has experience and huge data set from exploration and production activities in Siri Area over more than 20 years
- Initial Greensand work focused on CO₂ storage in Nini West
- Nini Full scale project includes Nini Main & West delivering 1.5 MTPA in 2026
- Expansion project includes remaining Siri area suitable reservoirs – potential 8 MTPA by 2030

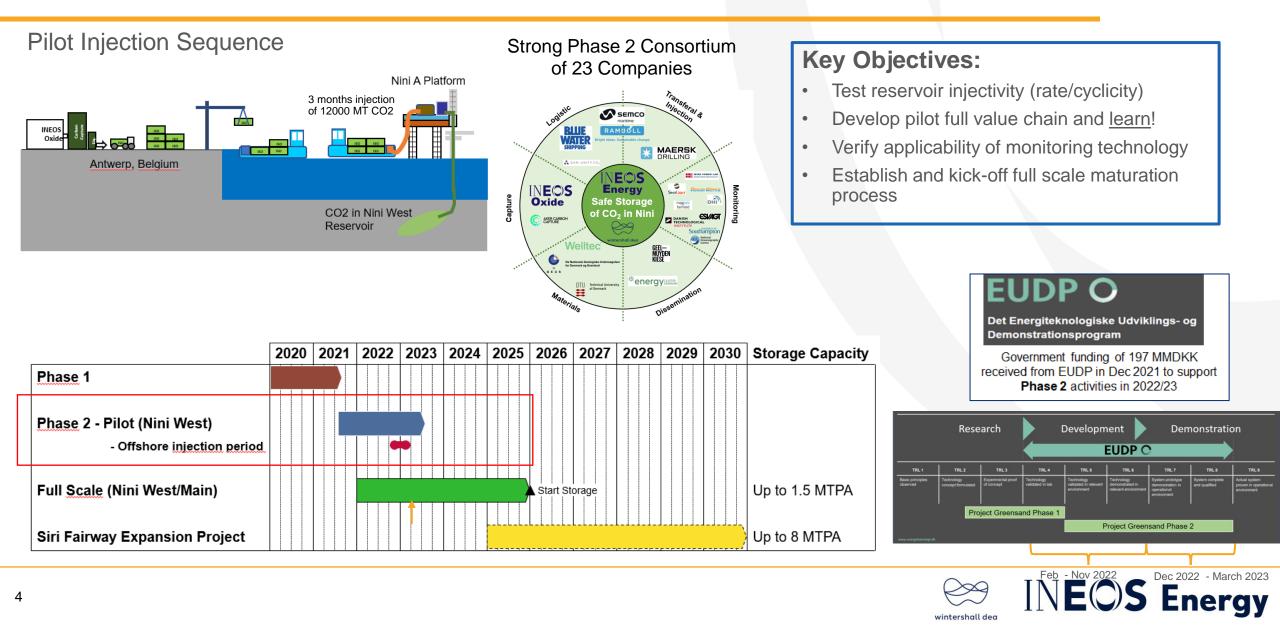






Greensand Project Phase 2

Pilot CO2 injection trial, monitoring testing and further maturation



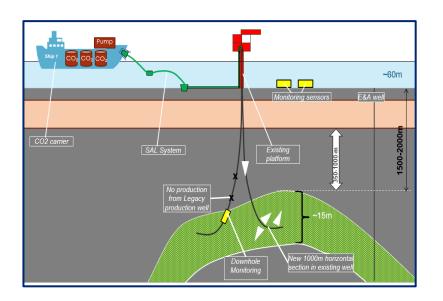
Greensand Project Phase 2

Phase 2 injection pilot – the CO2 journey



Greensand Full Scale Project

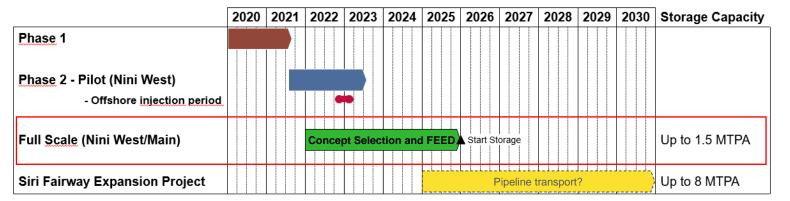
Starting with a 1.5 MTPA capacity – Transport by Ship and Storage in the Nini A area



Key Activities Ongoing

- Mature Nini Main reservoirs
- Mature Development concept
 - Ship design (LP/MP/HP & Size)
 - Offloading/Transfer system
 - CO2 injection wells
 - Monitoring set-up
- Establish logistical & commercial model
- Authority approvals
- DnV Storage Site & Site Development CoC's
- Commercial contracting

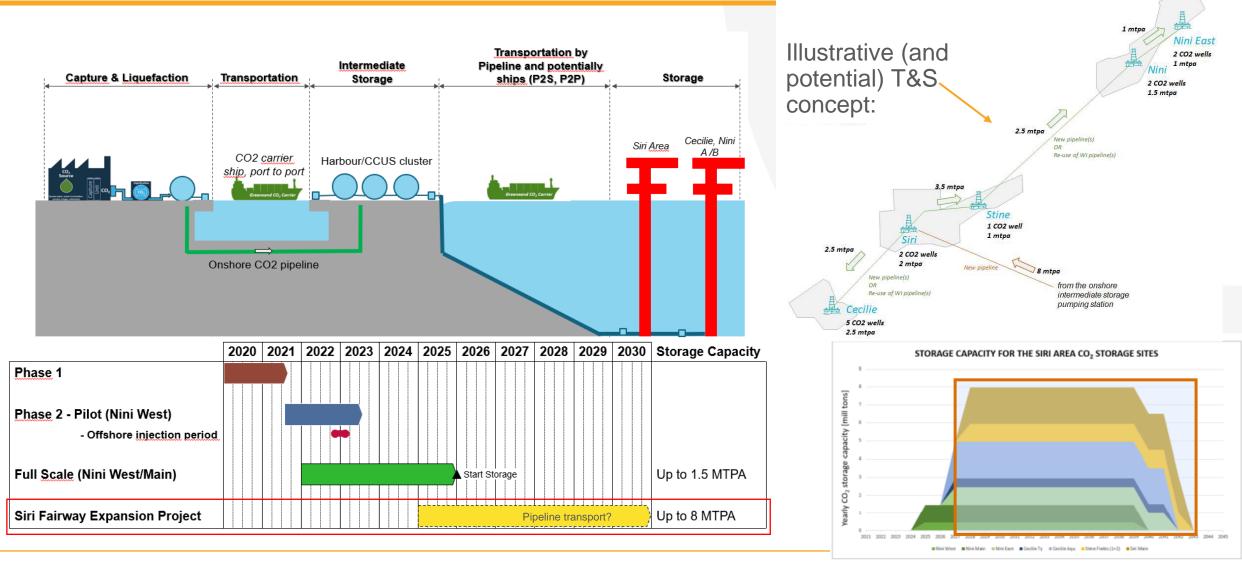
Basis for final investment decision (FID) in 2nd half of 2023





Greensand – Expanding beyond Full Scale capacity of 1.5 MTPA

Delivering up to 8 MTPA capacity in existing Oil fields – Siri Hub case



Wintershall dea INEOS Energy

(Current) Challenges ahead for the Greensand project and the CCS industry in general.....

- Human ressource skills and availability
- Supply chain delays and price fluctuations

 fierce competion for materials
- Low carbon emission T&S concept competetive edge
- Overcome remaining regulatory barriers work but authories equally motivated
- Continued collaboration throughout the value chain despite competetion picking up!
- CCS market flexibility/redundancy
- Access to further funding CAPEX/OPEX
- And delivering cost competive concept



