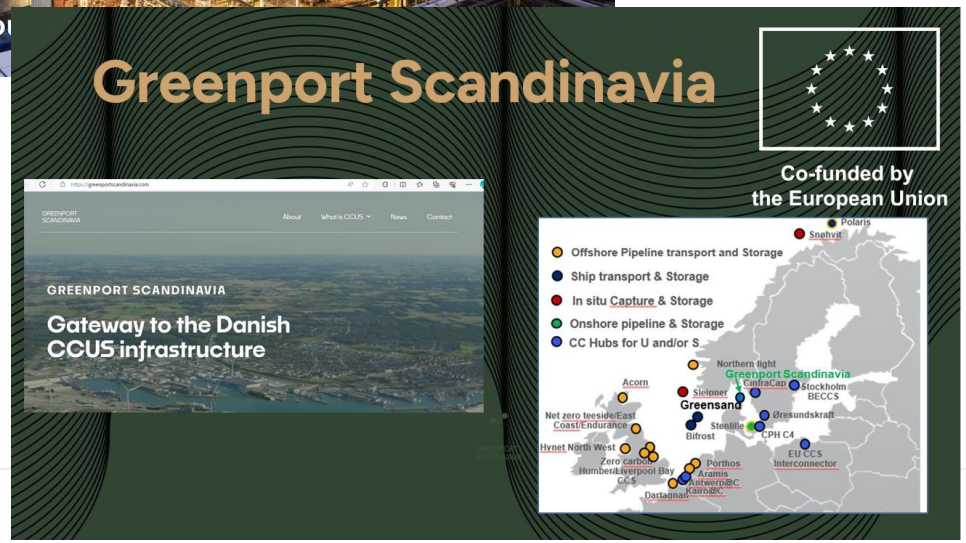
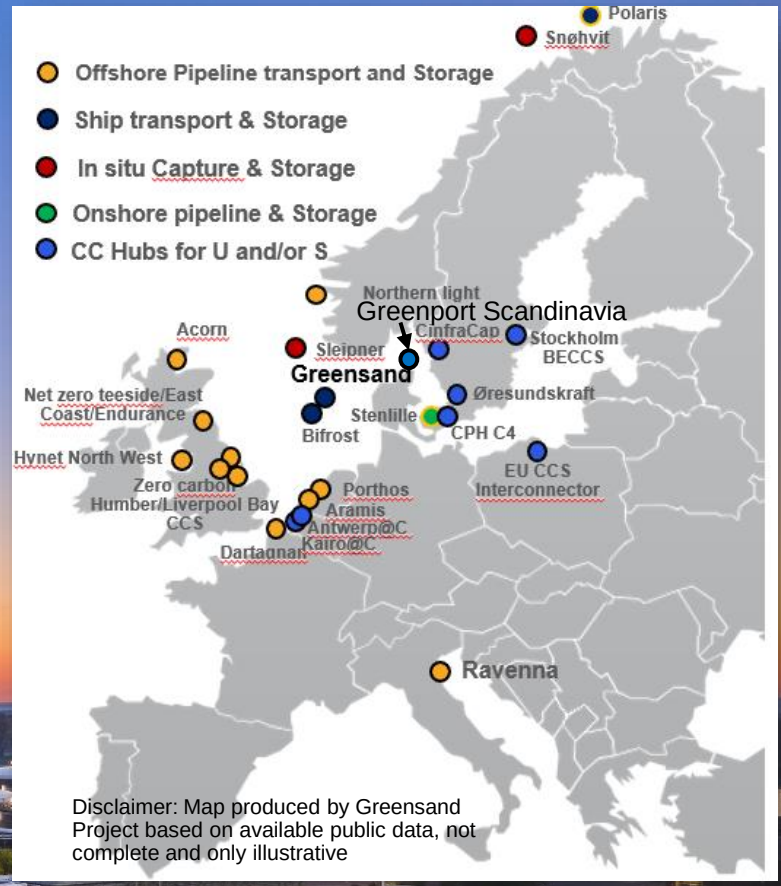
Session 2 International Project Roundup
INEOS Energy efforts to Develop the CCS Value Chain in Denmark



CO2 Exploration in Denmark – Gassum (Greenstore) secured with start-up expected 2029

Greenport Scandinavia

INEOS Energy

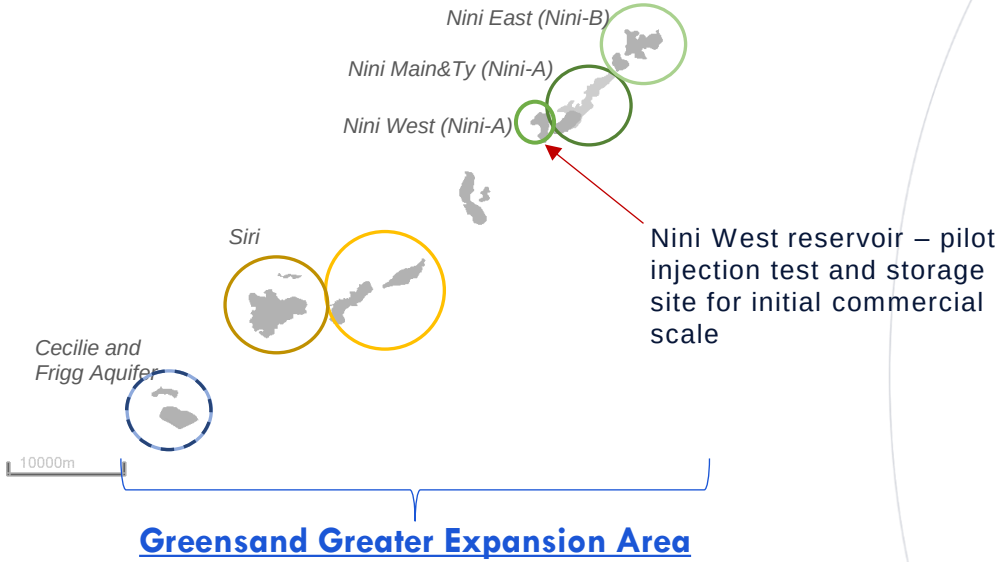


Greensand Project

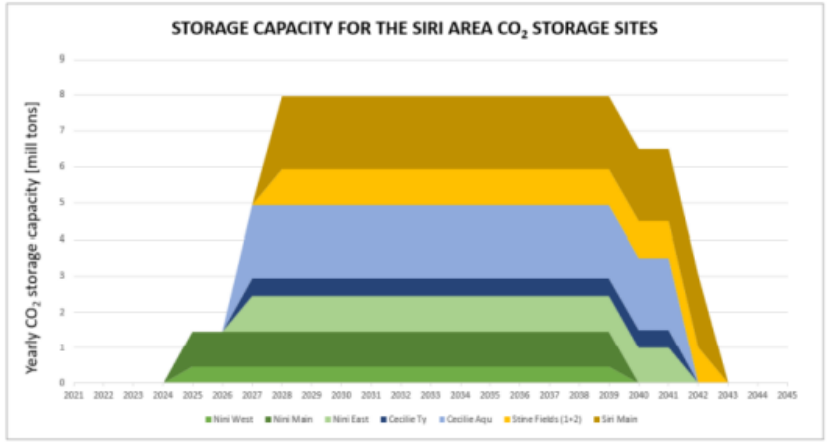
Safe and Reliable Offshore Transport and Storage of CO_2 in the Danish Sector of the North Sea

A project underway by INEOS Energy, Harbour Energy and Nordsøfonden

Greensand Project – Offshore Transport and Storage of CO2
Overview



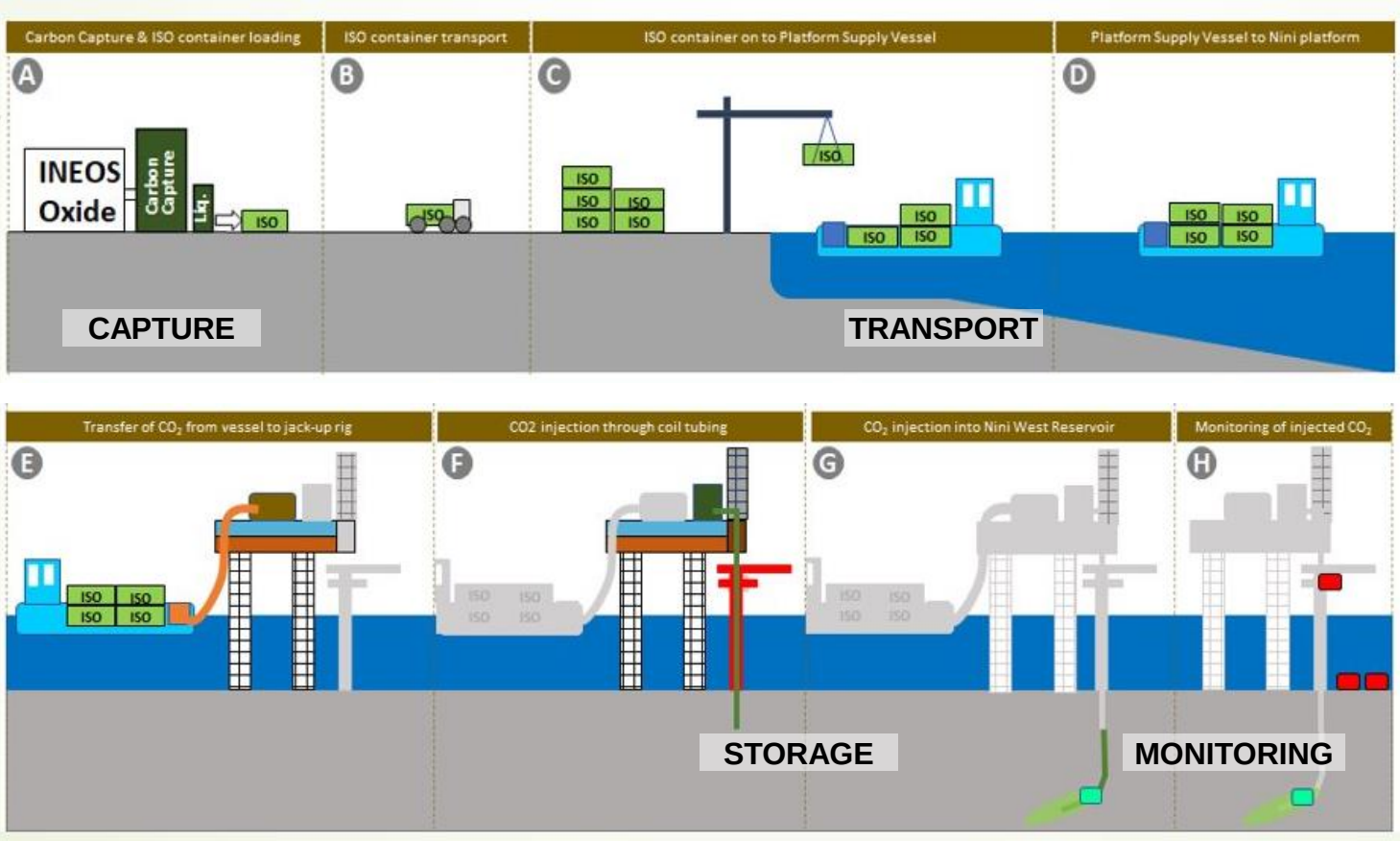
- Use of Siri Area for CO_2 storage
  INEOS has experience and huge data set from exploration and production activities in Siri Area over more than 20 years
- Offshore Pilot CO2 Injection and Monitoring test in 2023
- Initial Greensand work focused on CO_2 storage in Nini West – **Proof of commercial Scale**
- Greater Greensand Expansion Area includes remaining Siri area suitable reservoirs – harvest economies of scale



INEOS | Energy

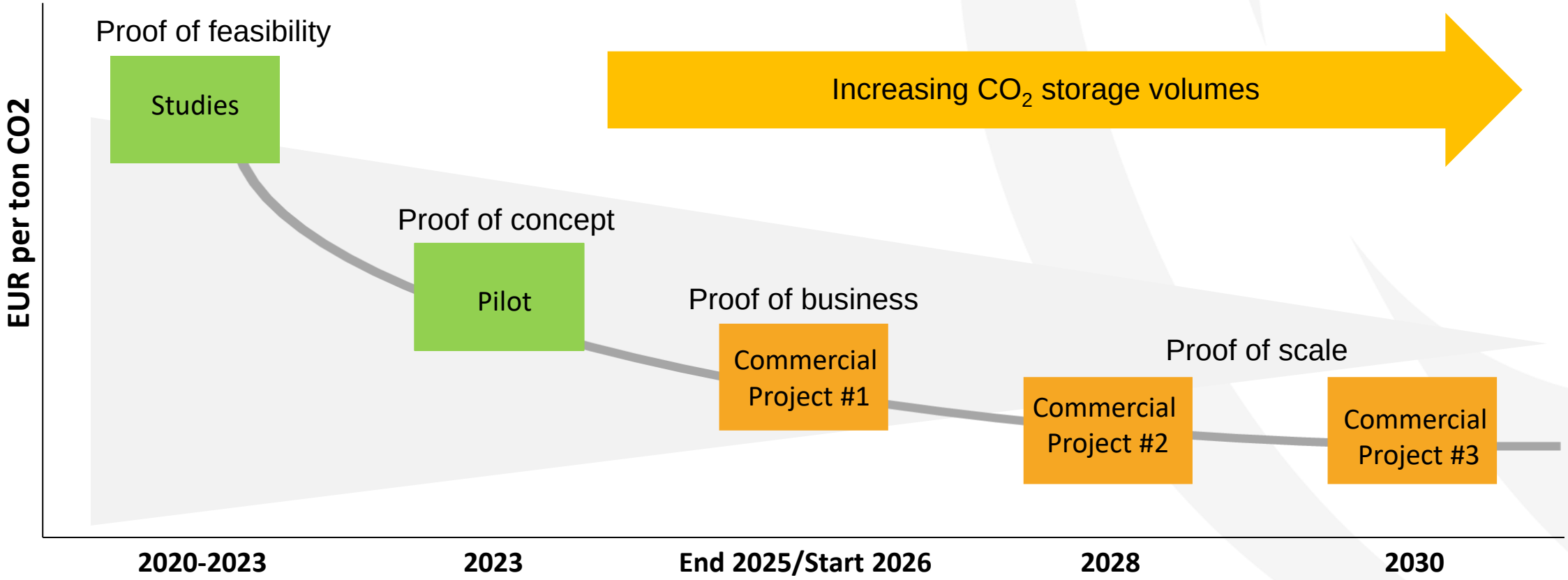
Pilot Injection

CO_2 injection successfully performed in early 2023



Demonstration of full value chain from capture to storage
+ test of monitoring techniques

Meeting the Emitters by Scaling Up CO_2 Storage Capacity



Funded by the European Union NextGenerationEU

EUDP

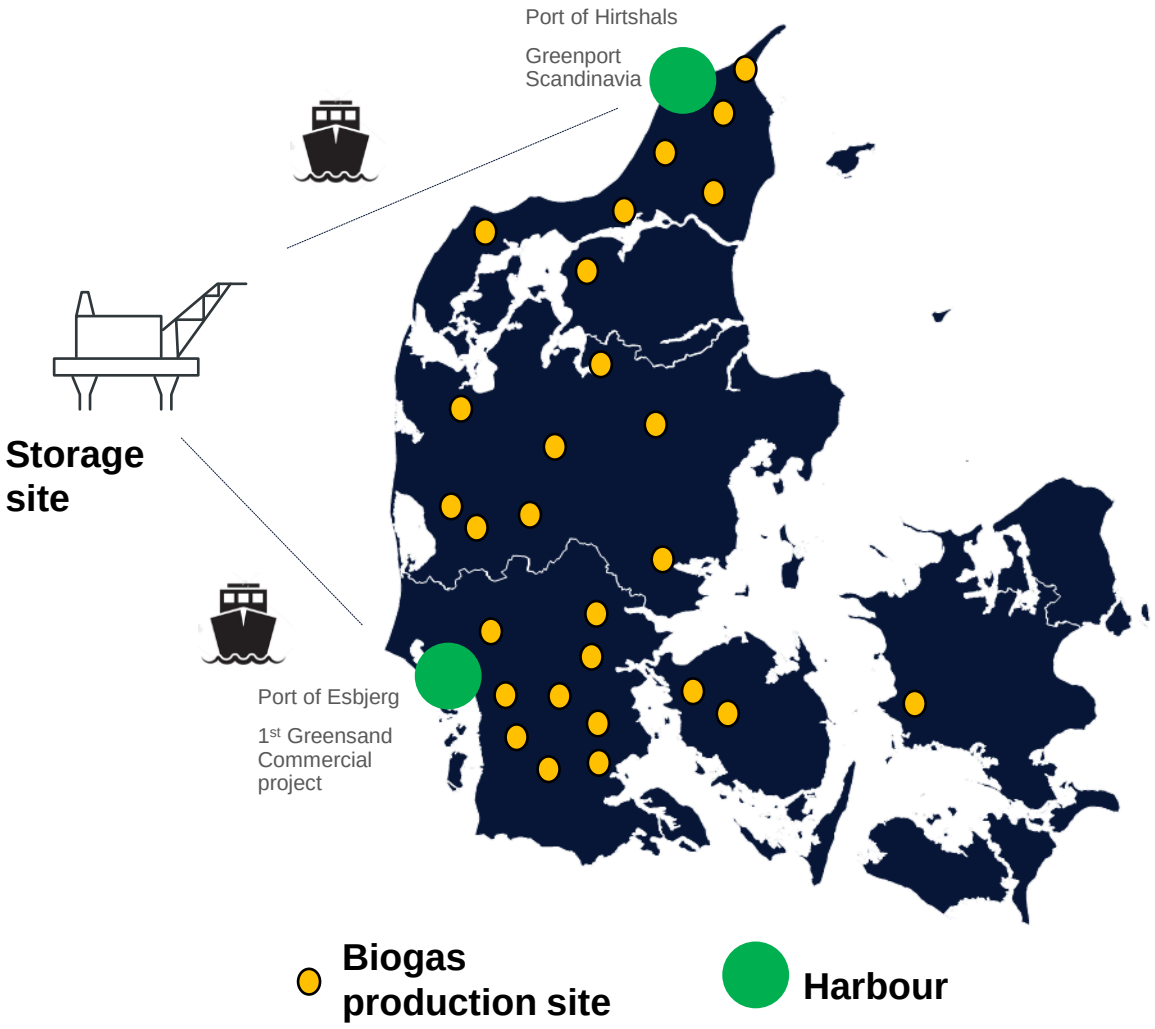
nordsø fonden

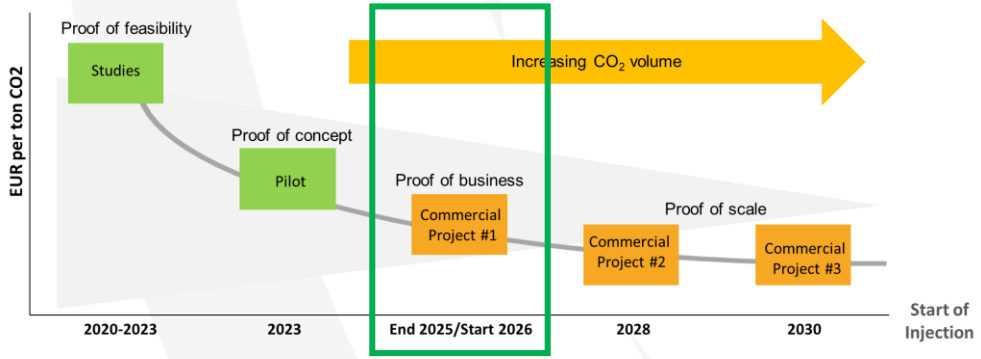
wintershall dea

Harbour Energy

INEOS Energy

Greensand – Commercial Project #1





Opportunity:

- Storage of available biogenic CO_2 from biogas.
- Negative emissions – Carbon credits sale
- Modified bulk carrier design ~5.000 tCO_2/trip
- Build on Phase 2 pilot learnings – hardware and operation
- 300-400 kTon CO2 per year (pending logistical set-up)

Key Milestones:

- ✓ Submission of storage site application February 2024.
- Funding application submitted to EUIF
- End 2024: Project sanction.
- End 2025/Start 2026: First CO_2 injection.