



GREENPORT
SCANDINAVIA

Gateway to the **Danish CCUS infrastructure**



Co-funded by
the European Union

BASRECCS conference, Vilnius

Ole Rom Andersen, 3 october 2024

Carbon capture and storage

- Massive need for CO₂ storage to reach national and European climate targets
- Favourable geology and large storage capacity potential in Denmark
- Greenport Scandinavia
 - Provide a one-stop-redundant-CO₂-storage-shop for emitters
 - First CO₂ storage in 2026/27
 - Building a leading CO₂ import/export hub in Port of Hirtshals, Denmark
 - Connected to multiple, redundant CO₂ storage sites



A strong partnership with a visionary mindset



INEOS

 Harbour
Energy

 evida

 PORT OF
HIRTSHALS
HIRTSHALS HAVN

 BIOCARB
SOLUTION

 aalborgportland
CEMENTIR HOLDING

 greenport north

€ 14,6 million grant from the Just Transition Fund with
Energy Cluster Danmark, Hydrogen Valley and EUC Nord



Explainer-video

[Video about Greenport Scandinavia – CO2 import/export hub](#)

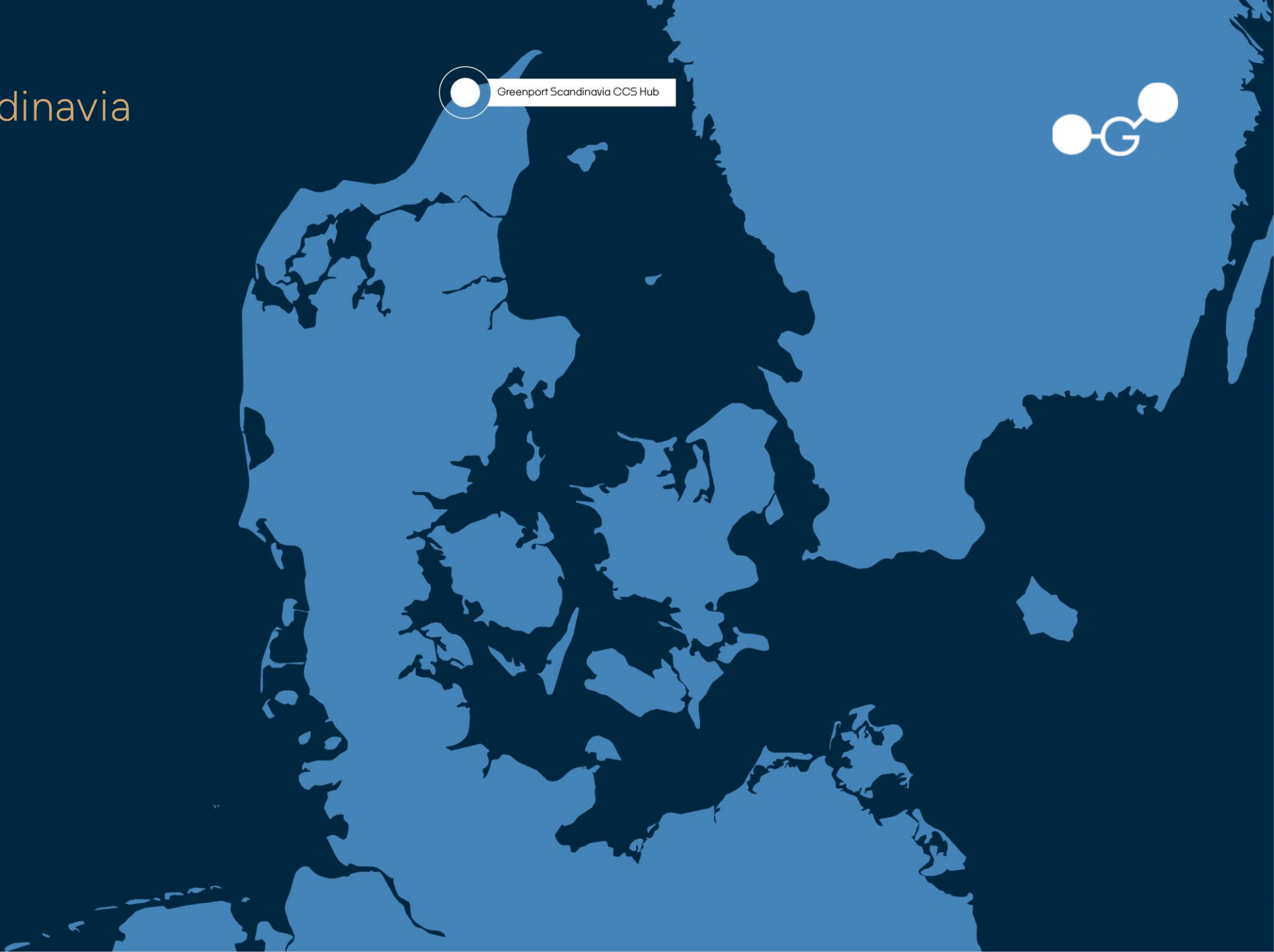
Building the import/export CCS hub in Port of Hirtshals



- Port expansion in progress (draft design)
 - +1 km of new quayside
 - Increase ship size up to 300 meter (Suezmax) – max. draft 12 meter
- Ideally placed in relation to multiple future storage sites
- Geographically well-placed gateway for import/export hub for CO₂ from Northern Europe

Greenport Scandinavia CCS Hub

Greenport Scandinavia CCS Hub



Greenport Scandinavia CCS Hub – status today

Greensand

Greenport Scandinavia CCS Hub

Greenstore



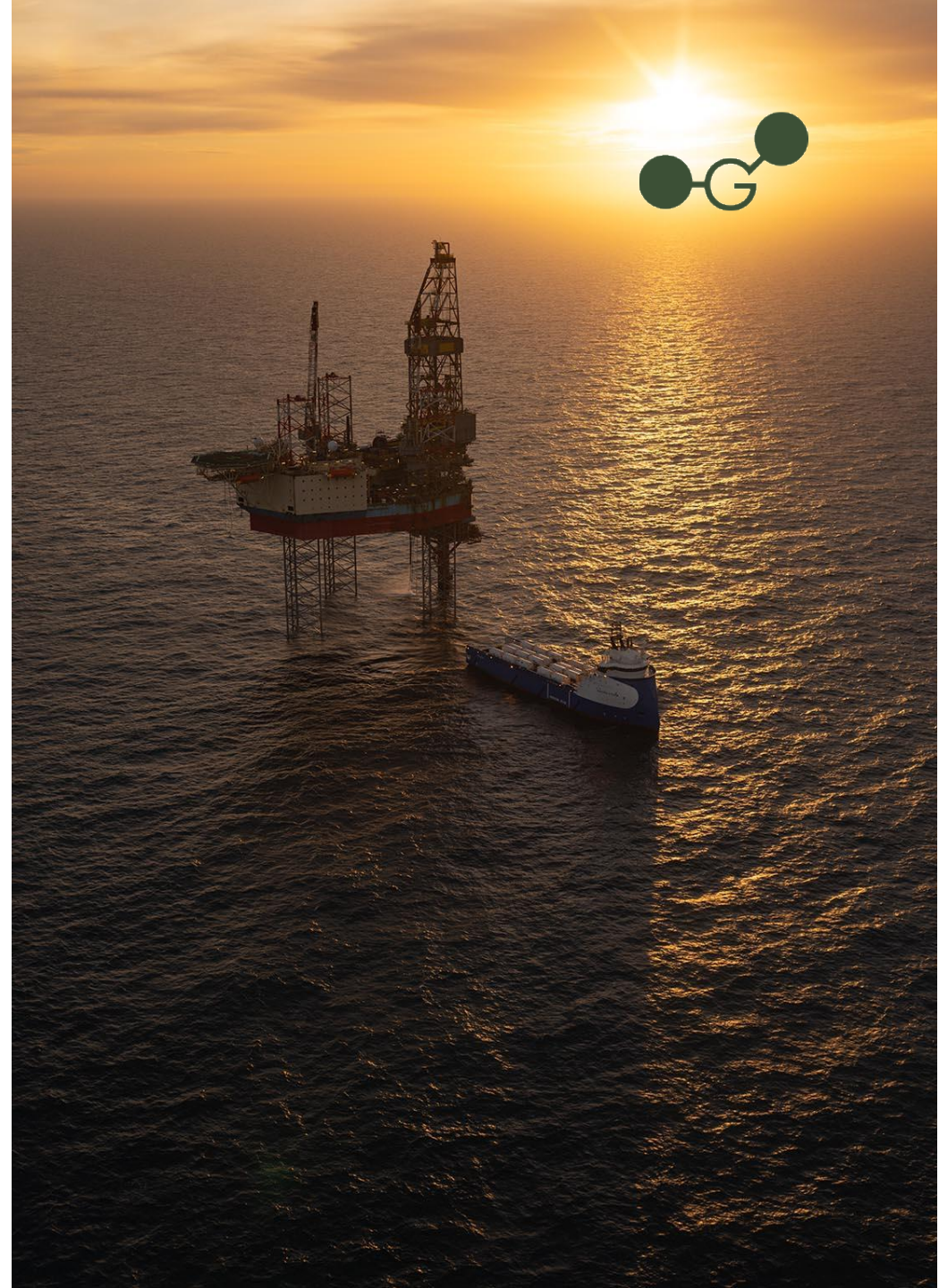
Project Greensand

- Offshore storage of CO₂ in the Danish part of the North Sea
- March 2023: First CO₂ storage
 - Attended by King Frederik of Denmark, Minister for Energy, Climate and Utilities Lars Aagaard and with video speech by President of the European Commission Ursula von der Leyen

INEOS

 Harbour
Energy

nordso
fonden





Greenstore

- Onshore storage located at Gassum
- Area with geological conditions particularly suitable for safe storage of CO₂
- Exploration licence granted to Ineos and Harbour Energy in June 2024
- Further investigation into storage potential is now taking place
- Storage potentially starting from 2029



Greenport Scandinavia CCS Hub – next license round

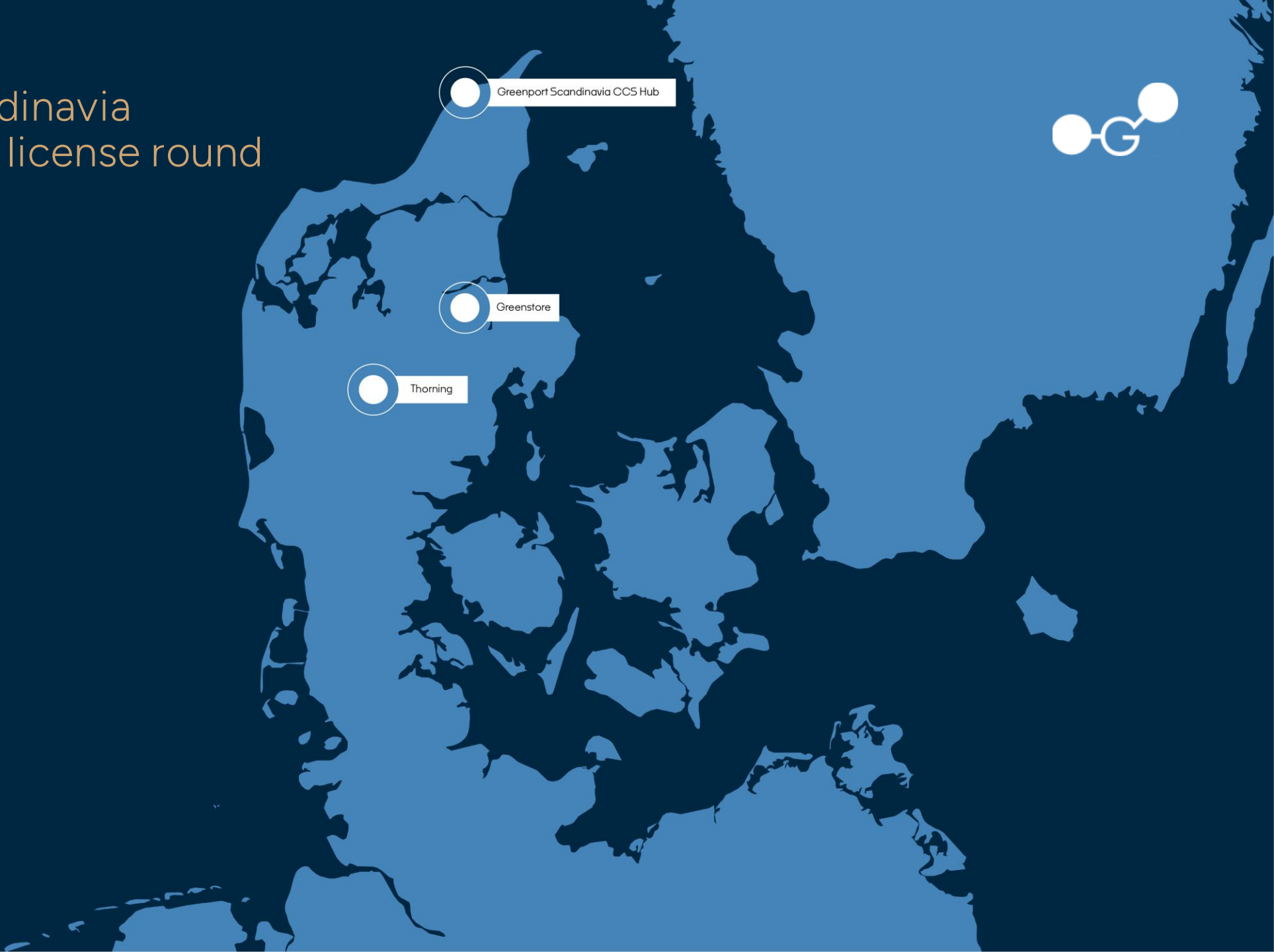


Greensand

Greenport Scandinavia CCS Hub

Greenstore

Thorning



Greenport Scandinavia CCS Hub + nearshore

Greensand

Inez

Liza

Jammerbugt

Greenport Scandinavia CCS Hub

Greenstore

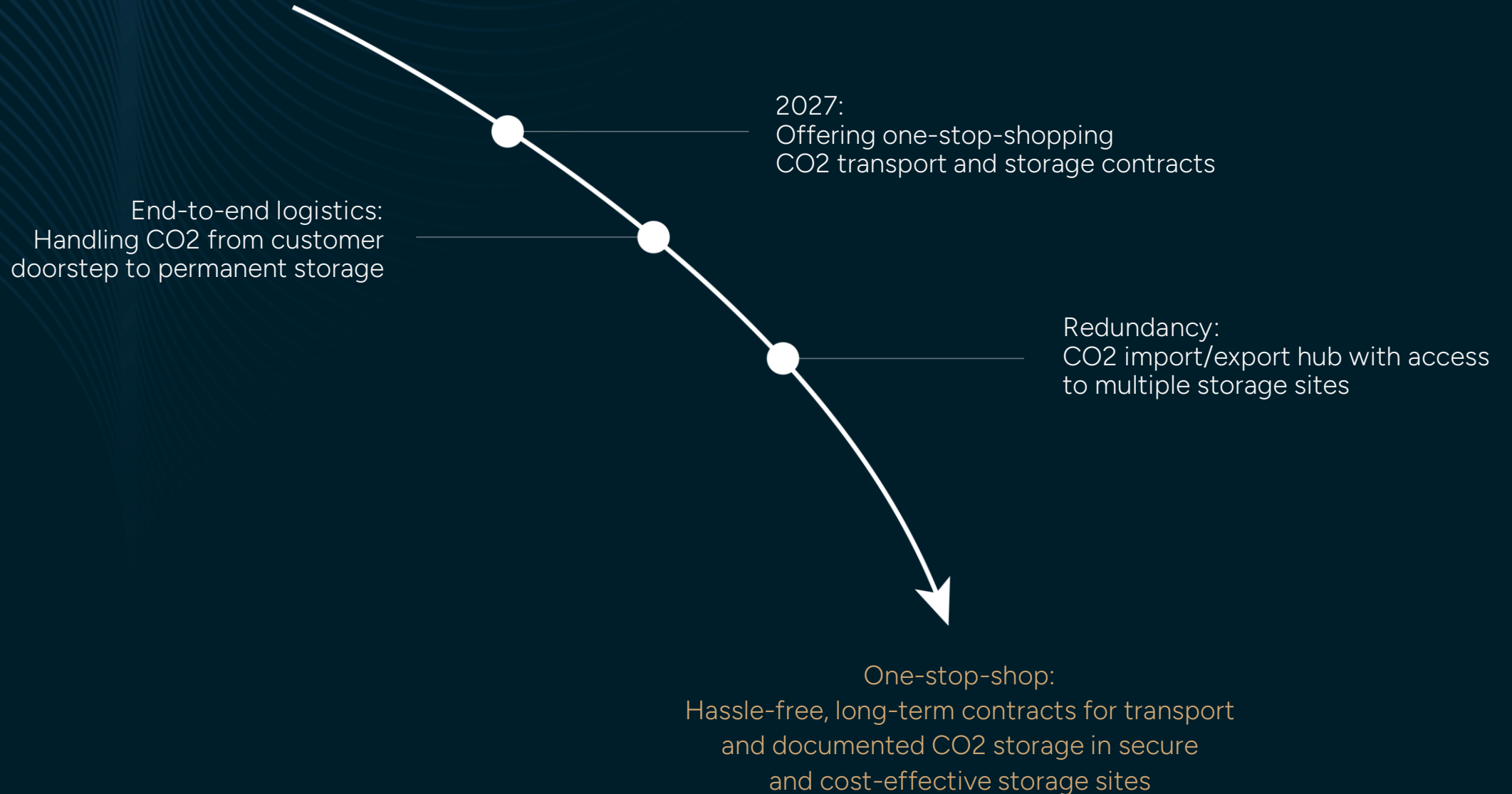
Thorning



Greenport Scandinavia CCS Hub – 203X



Greenport Scandinavia value proposition



Thank you for your attention

www.greenportscandinavia.com



GREENPORT
SCANDINAVIA

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