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Poseidon & Orion Projects

Wednesday 13th September 2023

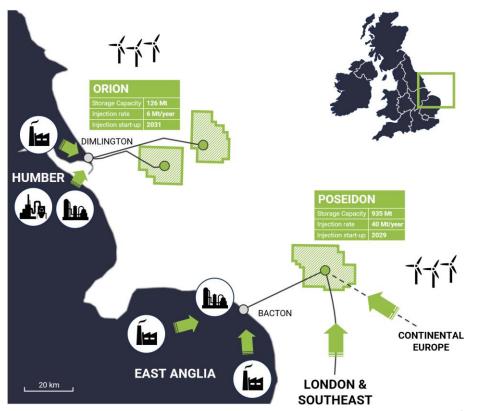
Poseidon & Orion Projects

Two independent T&S projects awarded in the UK 1st CS Round



- Perenco & Carbon Catalyst: an efficient and established operator partnered with a pure-play CCS expert
- 20 years of Southern North Sea operating experience (onshore terminals/offshore fields & infrastructure)
- These CCS projects form the foundation of Perenco's operational decarbonisation program
- Business strategy to expand into CCS to ensure a long-term future in the North Sea and create/nurture local CCS expertise





Poseidon Project

PERENCO

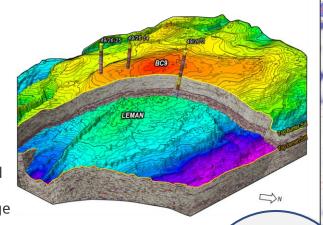
Present Day CO₂ Emissions Heat Map

CONT. EURO

A World Class CCS project - Decarbonising the Southeast of the UK Carbon Catalyst

Key Project Metrics	
Storage Capacity	935 Mt
First Injection	2029
Peak Injection Rate	40 Mtpa
Injection Period	38 years

- Storage licence award 1st July 2023
- Appraisal Term work program focused on full site characterisation, including injectivity test in 2024, ahead of Storage Permit award.
- Targeting FID (Storage Permit) by ~2027
- Storage centered on the Leman field (13 TCF reserves), the UK's largest legacy gas field, and overlying BC-9 saline aquifer closure
- The project will deliver scaled-up transport and storage services for a wide range of CO2 emitters across East Anglia, London, and the wider Southeast of the UK







POSEIDON

EAST ANGLIA

Orion Project

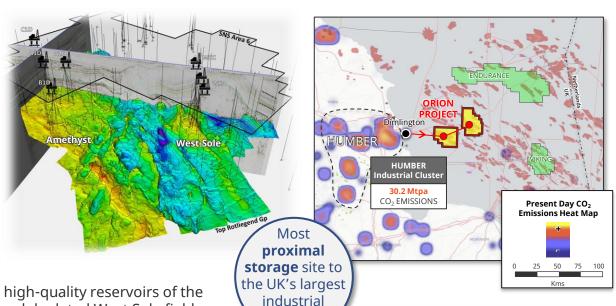


Humber Industrial Cluster

Strategically positioned to decarbonise Humberside, the UK's largest industrial cluster

Key Project Metrics	
Storage Capacity	126 Mt
First Injection	2031
Peak Injection Rate	6 Mtpa
Injection Period	30 years

- Storage licence award 1st August 2023
- Appraisal Term work program focused on full site characterisation and preparation for Storage Permit award
- Targeting FID (Storage Permit) by ~2029
- Project Orion storage is centered on the high-quality reservoirs of the decommissioned Amethyst field cluster and depleted West Sole field
- The project is strategically positioned to support the accelerated decarbonisation
 of the Humberside industrial area, with its storage sites being the most proximal
 storage reservoirs to Humberside (46km from the Dimlington gas processing terminal)



cluster

