

Northern Endurance Partnership & UK

*IEAGHG 8th International Workshop on Offshore Geological
CO2 Storage*

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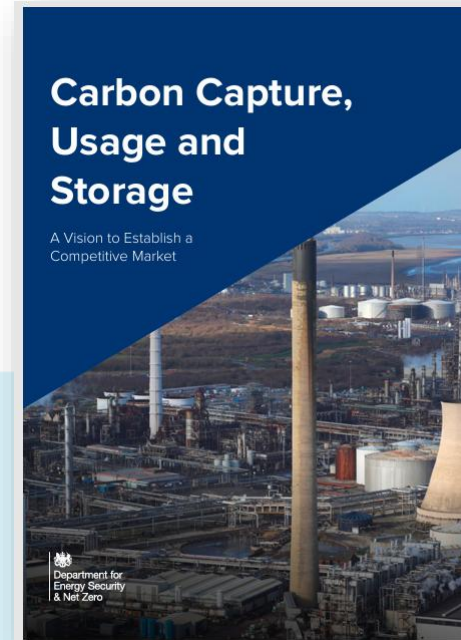
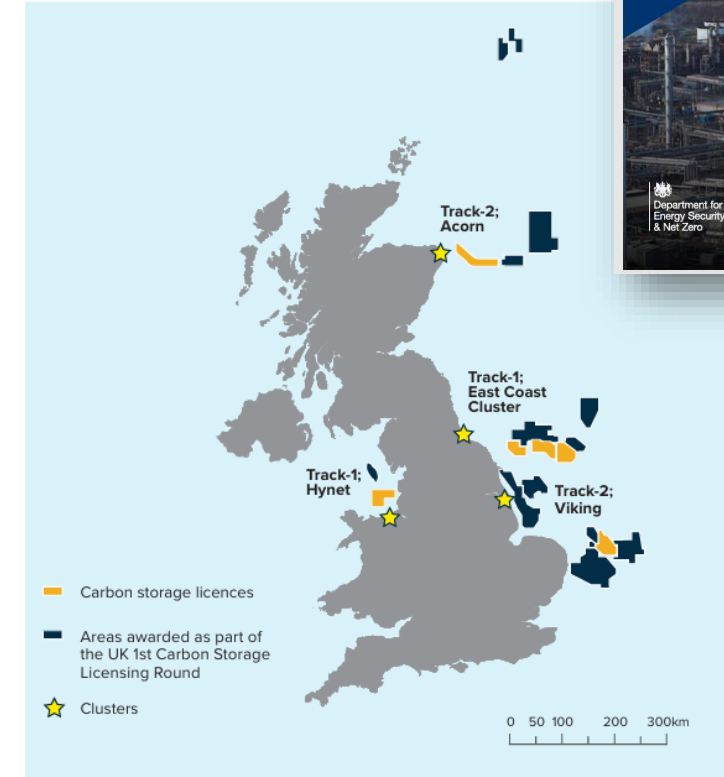


- UK Context
- NEP Carbon Storage Licences
- The Endurance Store
- Baseline Survey Activities This Year



The UK context

- The UK government supports CCUS development in the UK (regulated)
- The East Coast Cluster was selected in 2021 as a Track 1 cluster, serving Teesside and Humber
- Awarded 1st UK Carbon Storage Permit and Economic Licence in Dec 2024
- Targeting Commercial Operations from 2028



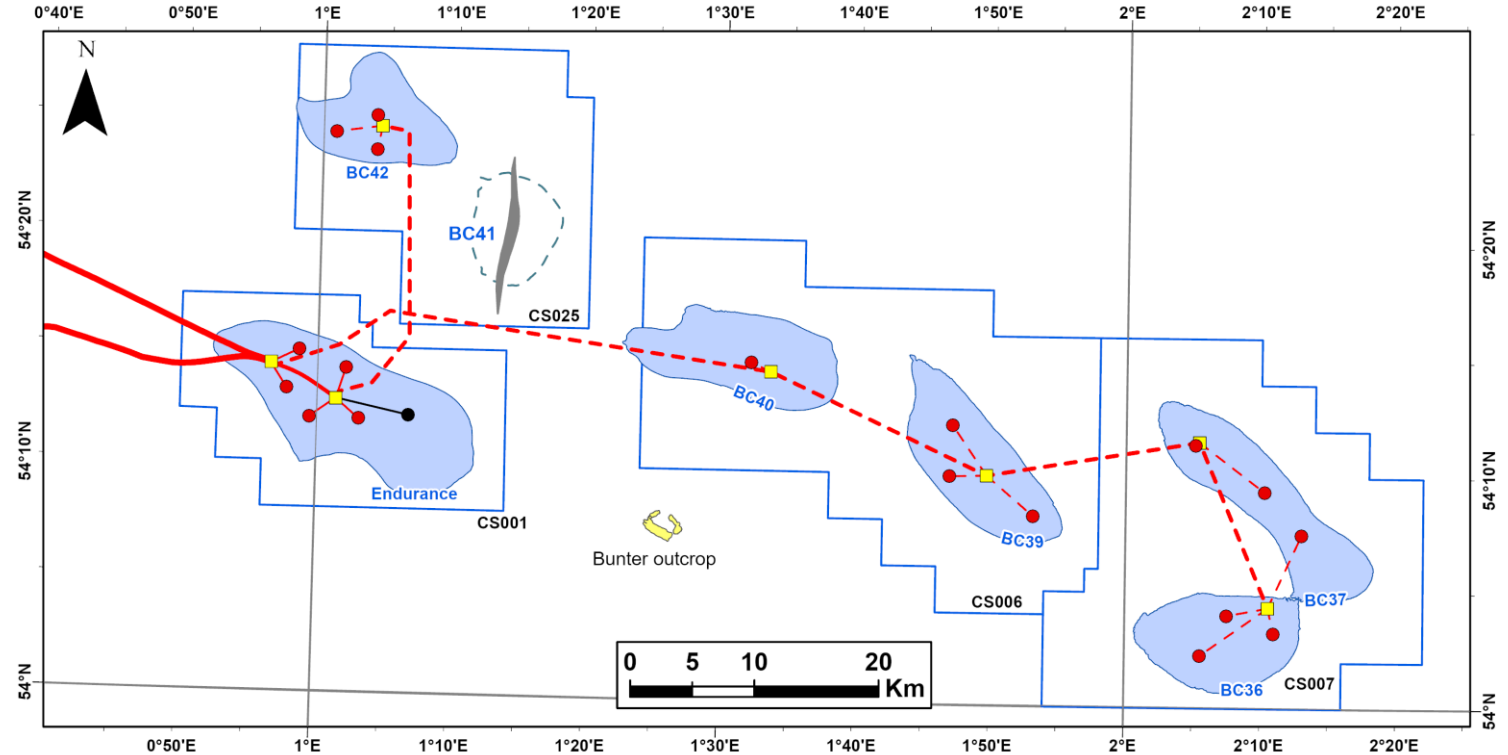
The Northern Endurance Partnership (NEP) Project



NEP Carbon Storage Licences

All licences

- Have Triassic aged Bunter Sandstone saline aquifer site
- Likely pressure communication
- Sharing up to 1000m of seal
- Endurance wells drilled Q3 2026
- Expansion through other licences: currently drilling
- Managing pressure through multiple stores



Endurance and notional NEP Expansion store development tie-in to Endurance infrastructure



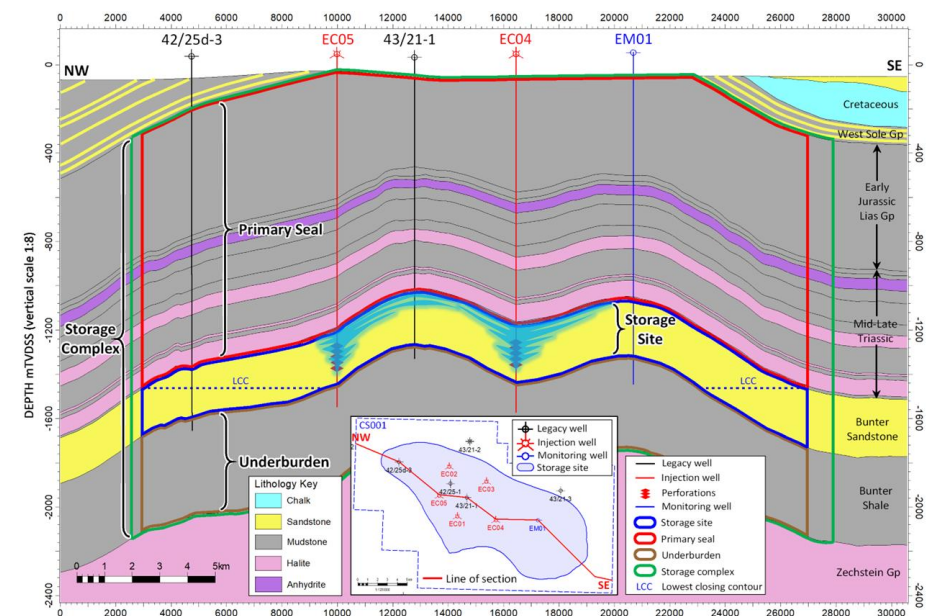
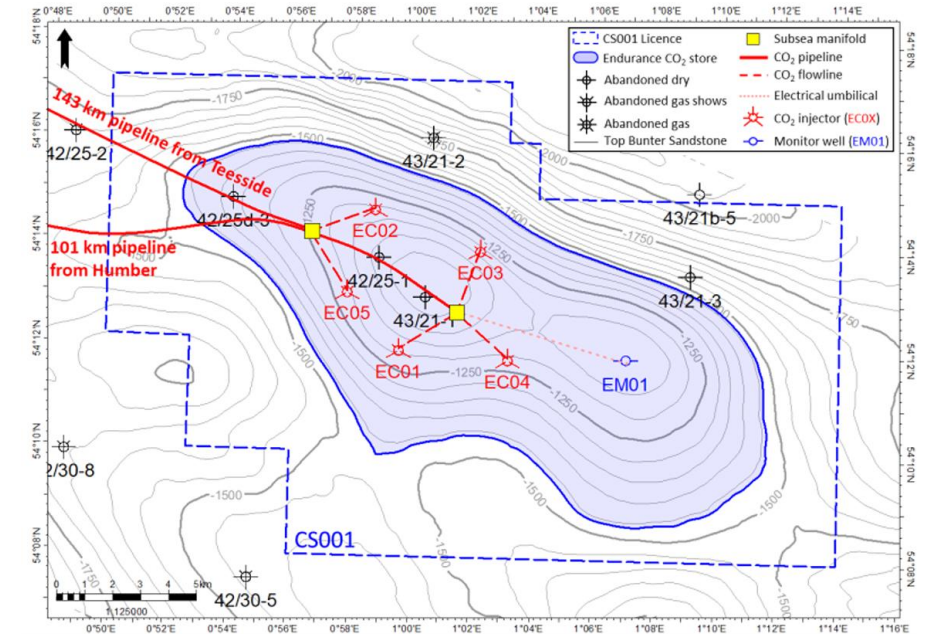
NEP Development Concept

Phase 1

- Pipeline from Teesside
- 5 injection wells & 1 monitoring well (all subsea)
- Development drilling begins 3Q 2026
- Start-up from 2028
- Up to 4 Mt/yr for 25 years (100 Mt)

Expansion

- Pipeline from Humber
- Appraising stores - 1st phase(s) at Endurance, stepping out to manage pressure in aquifer

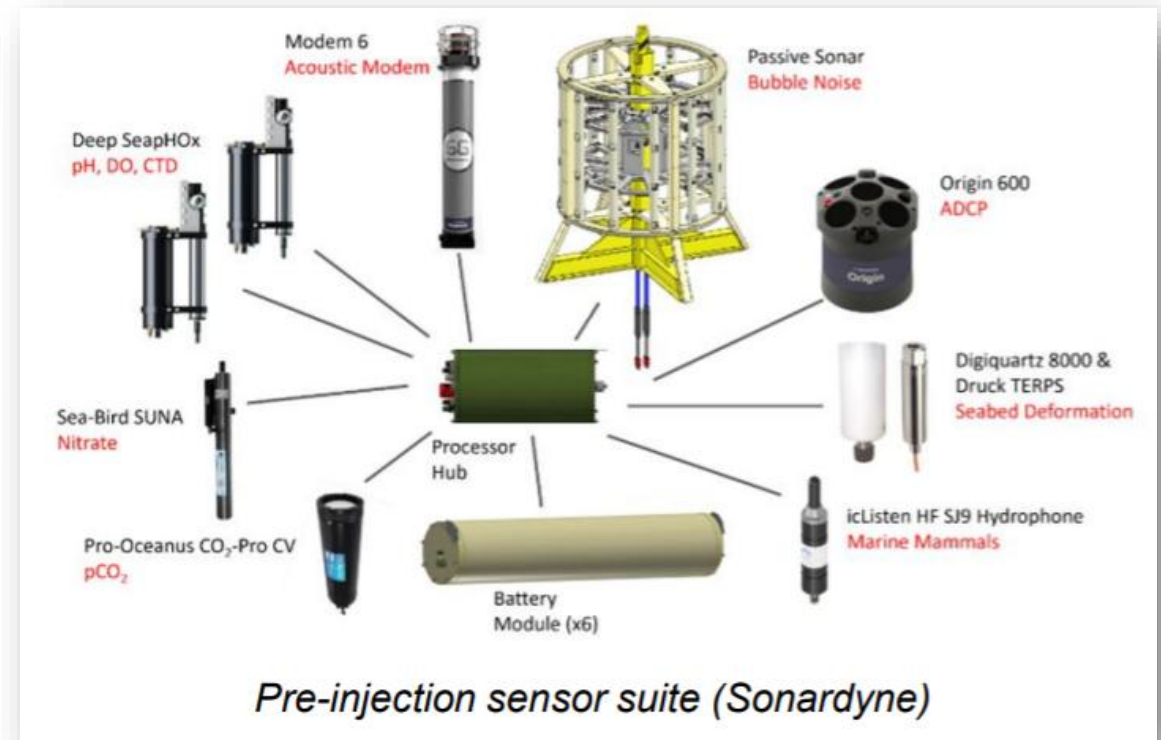


Monitoring Baseline Survey Activity in 2026

- Seabed landers to be deployed for 1 year at 2 crestal legacy wells + outcrop
- Multiple sensors at each site, several data points per day with acoustic modem upload every 6 months
- Challenges include marine growth / biofouling and baseline variability (annual and longer duration)



Lander design illustration (Sonardyne)



Pre-injection sensor suite (Sonardyne)

Watch this space!

With thanks to all who've contributed to get us to this stage