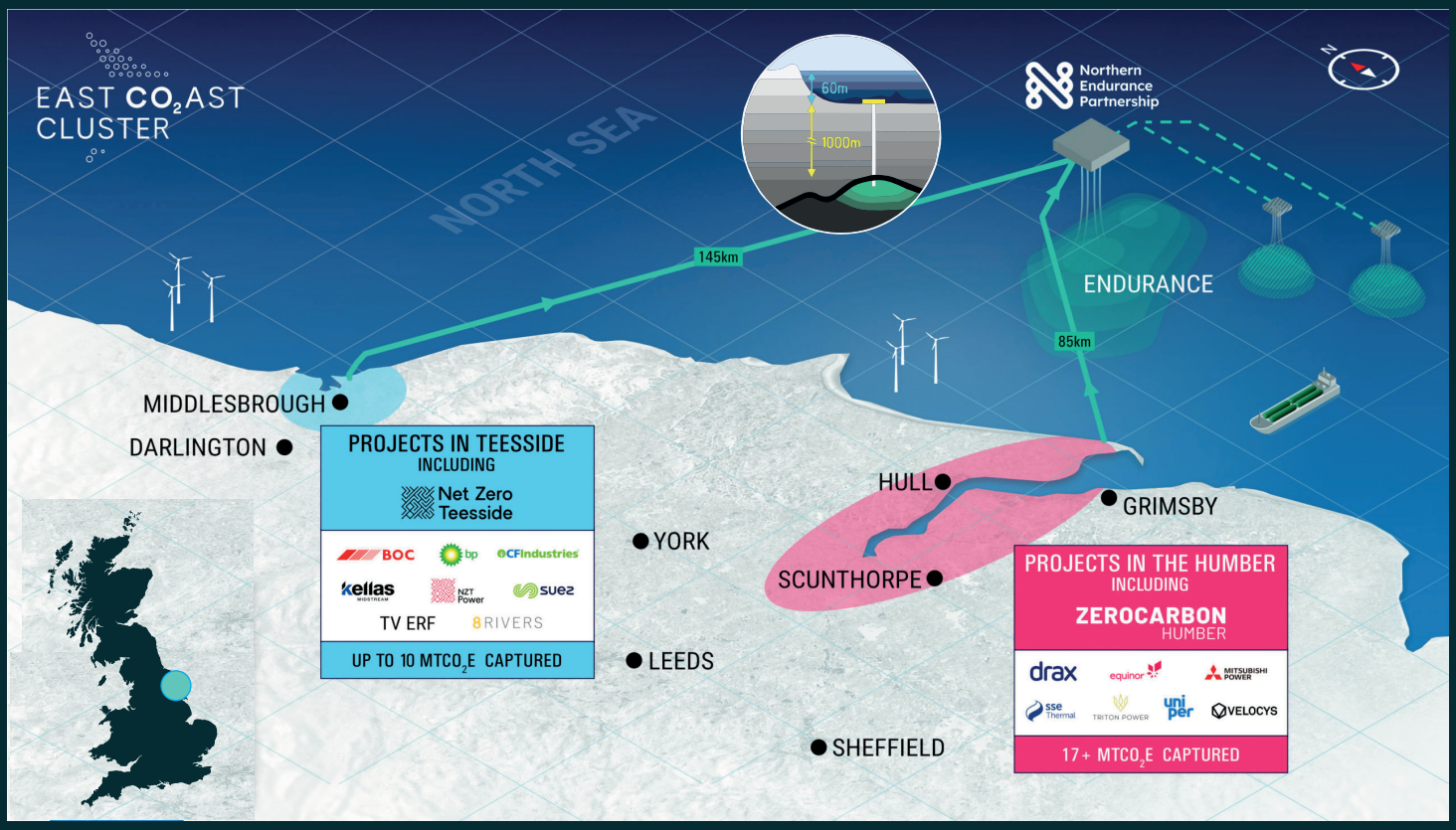
Carbon Capture Utilisation & Storage Case Study

East Coast Cluster



The East Coast Cluster (ECC) stands ready to remove almost 50% of the UK's total industrial cluster emissions. The UK needs to use every possible technology to green our economy. It must decarbonise industry to achieve its target of net zero emissions by 2050. Nearly half of carbon emissions from UK industrial clusters come from Britain's historic engine room: Teesside and the Humber. The ECC is now actively bringing together communities, business, industry and academia to deliver the CCS infrastructure needed to decarbonise this key industrial heartland of the UK. The ECC will ensure the UK's leadership in the energy transition and the emerging global low-carbon and hydrogen market and play a major role in levelling up across the country.

- **H_2** 70% of the UK's hydrogen target for 2030
- **CO_2** Reduce carbon emissions by 27Mt a year by 2030
- £2Bn+ average GVA up to 2050 adn increasing
- 25,000+ jobs up to 2050 (average per annum)

2022
Final investment decision by Track-1 clusters

Mid-2020s
East Coast cluster operational

2030s
Capturing and storing 27Mt of CO_2 per year

Northern Endurance Partnership | Net Zero Teesside | ZEROCARBON HUMBER

eastcoastcluster.co.uk

CCSA