



EAST CO₂AST CLUSTER

All-Energy and Decarbonise Conference :
Decarbonising the North East of England at scale
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<https://eastcoastcluster.co.uk/>



EAST CO₂AST CLUSTER

Unites the Humber & Teesside to remove almost **50% of industry cluster CO₂ emissions** and deliver **25,000 jobs per year to 2050**



Endurance

Expansion stores

5 stores, up to 10 MTPA by 2030
further potential to 23 MTPA beyond

KEY

Selected for Track 1 Project Negotiation List
Potential ECC expansion projects

PROJECTS IN TEESSIDE

BIOENERGY WITH CCS

MGT Teesside
Lynemouth Power

INDUSTRIAL CARBON CAPTURE

CF Fertilisers Billingham Ammonia CCS
Norsea Carbon Capture
Redcar Energy Project
Tees Valley Energy Recovery Facility (TV ERF)

Teesside Hydrogen CO₂ Capture

Lighthouse Green Fuels
STV 1+2 Energy from Waste Carbon Capture
STV 3 Energy from Waste Carbon Capture
Teesside Green Energy Park Limited

HYDROGEN

H₂ Teesside
H₂NorthEast

POWER

Net Zero Teesside Power
Whitetail Clean Energy
Alfanar CCGT Teesside

- *Industrial carbon capture*
- *Clean power with post combustion capture*
- *Bioenergy with carbon capture (BECCS)*
- *Hydrogen*
- *CO₂ Transportation and Storage (T&S)*

PROJECTS IN THE HUMBER

BIOENERGY WITH CCS

DRAX Bioenergy with Carbon Capture and Storage

INDUSTRIAL CARBON CAPTURE

Humber Zero - Phillips 66 Limited Humber Refinery
Prax Lindsey Oil Refinery Carbon Capture
ZerCal250
Altalto Immingham waste to jet fuel
North Lincolnshire Green Energy Park
Saint-Gobain Glass Carbon Capture

HYDROGEN

Hydrogen to Humber (H₂H) Saltend
Uniper Humber Hub Blue Project

POWER

Keadby 3 Carbon Capture Power Station
C.GEN Killingholme
VPI Humber Zero



- FEED completed, Request for Proposals for EPC contracts in the supply chain for tendering

- FID 2024

- COD 2028

