



H2NorthEast

Bringing new energy
to Teesside



H2NorthEast is leading the way in low carbon hydrogen production on Teesside.

It is a nationally significant infrastructure project to build a 1GW carbon capture enabled hydrogen production facility adjacent to the CATS gas terminal – with the potential to contribute up to 10% of the UK's target 10GW hydrogen capacity.

A partnership between Kellas Midstream and SSE Thermal, H2NorthEast will play a vital role in decarbonising energy intensive industries across Teesside, accelerating the UK's transition to net zero.

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PROJECT BENEFITS

- H₂** Unlock up to £2bn of investment
- H₂** Support thousands of jobs on Teesside
- H₂** Deliver over 1GW of low carbon hydrogen to support industry decarbonisation on Teesside
- H₂** Contribute 10% of the UK government's hydrogen production target
- H₂** Capture and store up to 2m tonnes of CO₂ per year
- H₂** Invest in local people through high quality training, apprenticeships and scholarships
- H₂** Opportunities for local supply chain

