

A photograph of an industrial facility, likely a refinery or chemical plant, featuring tall distillation columns, complex piping, and scaffolding under a clear blue sky. The image is partially obscured by a large blue diagonal graphic element.

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MIDSTREAM

H2NORTHEAST

PRESENT STATUS. LESSONS FROM THE PAST & THE
FOUNDATIONS FOR A SUCCESSFUL FUTURE

Gary Humber, Strategy & Business Development Director

OEUK North Sea CCS & Hydrogen Summit 2026

2 June, Edinburgh

œUK

Bringing New Energy to Teesside

Credible & deliverable

Aligned with UK's decarbonisation & energy security priorities. Rightsized for Teesside market at 355MW

Anchored in Teesside delivering local jobs, economic growth, supply chain opportunities

Continued progress

- 2021 ● Launch
- 2022 ● Initial Track-1 shortlisting
- 2023 ● SSE project partner
- 2024 ● Net Zero Hydrogen Fund
- 2025 ● FEED completion
- 2026 ● ECC application

Commercial momentum

MoUs with potential hydrogen users across Teesside

Strategic regional distribution & storage alignment with MOUs with potential partners



Lessons from the past.....

Edinburgh 1850

*Edinburgh
Castle & Grassmarket from the Candlemaker Row.*

Our vision for hydrogen on Teesside and beyond

Single integrated H2 distribution system

- Hydrogen production
- CCS-enabled infrastructure
- Shared transportation network
- Strategic storage capacity
- Phased expansion at right pace

Benefits

Coordination, not fragmentation

Shared assets & integrated planning deliver efficiency gains

Faster scaling of hydrogen adoption across regional clusters

Transformative approach

Foundation for hydrogen economy

Clear pathway from blue to green H2 & improved bankability

Teesside: UK & European leader in industrial decarbonisation



What's needed to move forward

Policy certainty

Publication of UK Hydrogen Strategy

Clear long-term signals on:

- Role of CCS-enabled H2 in energy mix
- Market structure & support mechanisms
- Infrastructure planning framework

Investor confidence

- Stable revenue frameworks to unlock Final Investment Decisions
- Long-term outlook for offtake, and infrastructure utilisation

Offtaker confidence

- Security of supply
- Operational resilience
- Cost competitive



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