



Gigawatt-scale green
hydrogen production on
Teesside.



Actively shaping the future hydrogen economy.

We are exploring the potential for large-scale green hydrogen production on Teesside.

Teesside is an area committed to playing a vital role in helping the UK achieve its **2050 net zero ambitions**, by becoming one of the world's first decarbonised industrial clusters through the production, consumption, and export of low carbon hydrogen.

We are progressing opportunities for gigawatt-scale green hydrogen production in a phased development matched to customer demand. The hydrogen production site will be

located in Teesside close to emerging hydrogen infrastructure and will **leverage our leading position** in energy infrastructure and renewables.

Hydrogen has a crucial role to play in achieving net zero and is **an essential component to decarbonise industry**.

Teesside is the perfect location to deliver this project, being close to industry that needs to decarbonise as well as a growing offshore wind pipeline.





Leading the way to
a greener, cleaner
future.

BUILDING A NET ZERO BUSINESS

We are building on our established midstream infrastructure **expertise** to create a new business around net zero and become the go-to low carbon infrastructure operating company.

TEESSIDE AS A HYDROGEN SUPERPLACE

The region already produces around half of the UK's hydrogen and is on track to become one of the **world's first decarbonized industrial clusters** by 2040. Our green hydrogen plans, running alongside our H2NorthEast blue hydrogen project, will help government achieve its target 10GW low carbon hydrogen production and play an essential role in the pathway to net zero.

BOOSTING THE LOCAL ECONOMY

We are facilitating change in the energy industry by investing in low carbon energy infrastructure that will **bring high-quality jobs to Teesside**, create opportunities for skills development, support local supply chain and develop the next generation of engineers.



There are real synergies between green hydrogen production and our core energy infrastructure activity and we aim to leverage our leading position on Teesside through our CATS facility and emerging blue hydrogen activity. **Nathan Morgan, Kellas CEO**



A VISION FOR HYDROGEN IN THE TEES VALLEY

In November 2022, in partnership with other leading organisations operating in the region, we published *A Vision for Hydrogen in the Tees Valley*. This report sets out how the area can become globally significant in the production, consumption and export of low carbon hydrogen and demonstrates our collective commitment to bringing new low carbon hydrogen production projects to Teesside.

Kellas Midstream is an independent energy infrastructure company that owns, manages, and operates a portfolio of critical energy infrastructure assets in the Central and Southern North Sea, including the CATS (Central Area Transmission System) terminal in Teesside that transports and processes around a quarter of all UK gas production.

As the energy industry continues its transition to net zero, we are embarking on low carbon hydrogen initiatives that will significantly contribute to industry decarbonisation and domestic energy security and support the UK's 2050 net zero targets.

Find out more at

www.kellasmidstream.com/net-zero/green-hydrogen

