

Viking CCS Cluster

Leading the way with
apprentice investment
for the Humber

Spearheading an
increase of apprentice
training places from
100 to 1,000 per year
by 2030



Infrastructure is the key that will unlock net zero for the UK. We need thousands of skilled workers to build this infrastructure. To deliver this goal, the Humber region needs a massively expanded skills and apprentice training programme **now**.



The Viking CCS Cluster will help the UK **decarbonise**



But we can't do it without **thousands** of skilled workers



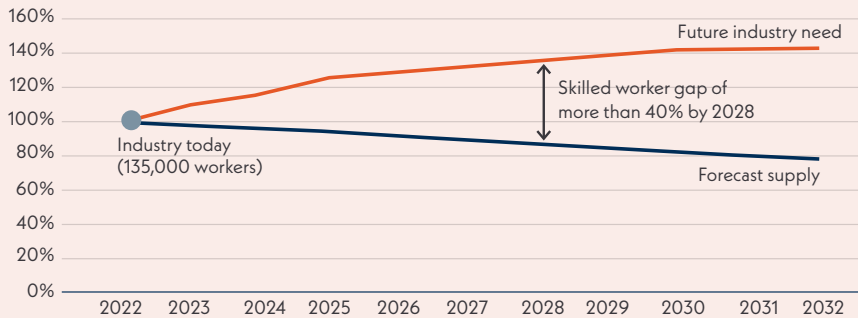
A major **apprentice** expansion programme is needed now



Humber

New national net zero training centre for decarbonisation jobs

The skilled worker gap¹



¹ Across all UK Heavy Engineering and Construction sectors; data compiled from ECITB Labour Market Outlook 2019 and ECITB Workforce Census 2021

Safeguarding industry

The Viking CCS projects could create thousands of construction jobs, and bring new investment to vibrant decarbonised Humber industries.

Regional opportunity

These jobs would be high value local roles anchored to world-class regional industries.

UK mission to net zero

Workers trained in the Humber would be needed across the UK for the energy transition.

Investment in the future

This would create an ongoing supply of skills to meet net zero targets.

DID YOU KNOW?



Welders

can earn in excess of

£40k per year²



Scaffolders

can earn in excess of

£40k per year²



Industrial painters

can earn in excess of

£30k per year²

² Developed from NJC Communique 06(21) NAECI 2022-2023: Rates and Allowances

The launch

2022
–
2023

Industry-led first steps

£200k

Investment in education to connect schools to industry. Initial project planning funded by delivery partners.

2024
–
2025

Expansion

£1m

Planned investment to increase yearly CATCH apprentice numbers to 160, a **60% increase**.

CATCH provides industry-leading training facilities for the Humber, Lincolnshire and Yorkshire regions. Expansion of CATCH to form the new national net zero training centre could mean a ten fold increase in apprentice numbers targeted at the skills needed by net zero projects.



Welders
Increase from 14 to 200



Mechanical Fitters
Increase from 20 to 200



Pipe Fitters
Increase from 14 to 100



Platers
Increase from 0 to 100



Scaffolders
Increase from 0 to 130



Electrical & Instrumentation Techs
Increase from 20 to 150



Industrial Painters & Grit Blasters
Increase from 0 to 20



Process Operators
40 apprentices



The Phillips 66 Limited Humber Refinery produces lower carbon road fuels, is the UK's only refinery to supply sustainable aviation fuel at scale and is Europe's only producer of speciality graphite coke for lithium-ion batteries.



Harbour Energy is the largest independent UK oil and gas producer, and operator of the Humber-based Viking CCS CO₂ transportation and storage project.



VPI is a leading UK energy company with its largest state-of-the-art combined heat and power (CHP) plant in Immingham supplying energy both directly to local refineries and to the grid.



CATCH's approach to industry training is unique. It has world class facilities, and works in partnership with multiple training providers including local further education colleges and leading industry.

What's next

2025
–
2028

Adding a zero

c.£50m

Investment to ramp from 160 to **1,000 apprentices per year** supported by future industry and government funding.³

2028
–
2030

Training for the future

Public-private apprentice training model.

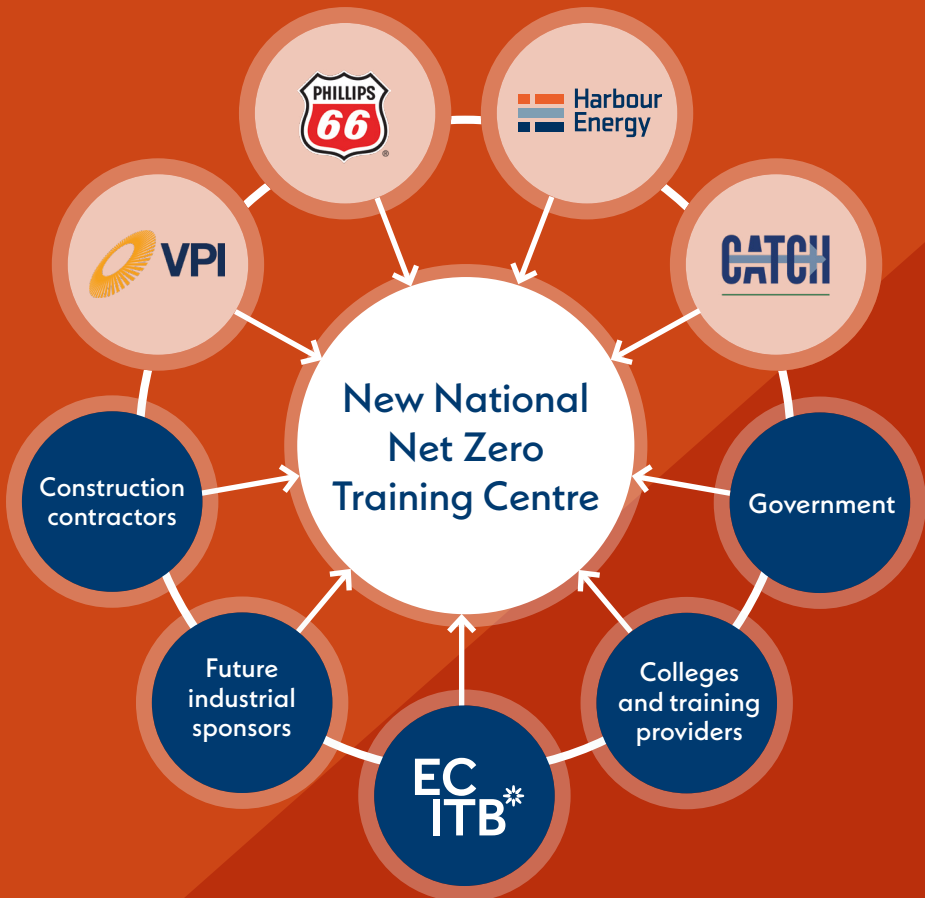
Annual supply of skilled trades for the Humber and wider UK construction projects.

Essential for the UK's race to net zero.

³ Contingent on broad consortium of sponsors and final investment decisions across all projects with appropriate government support

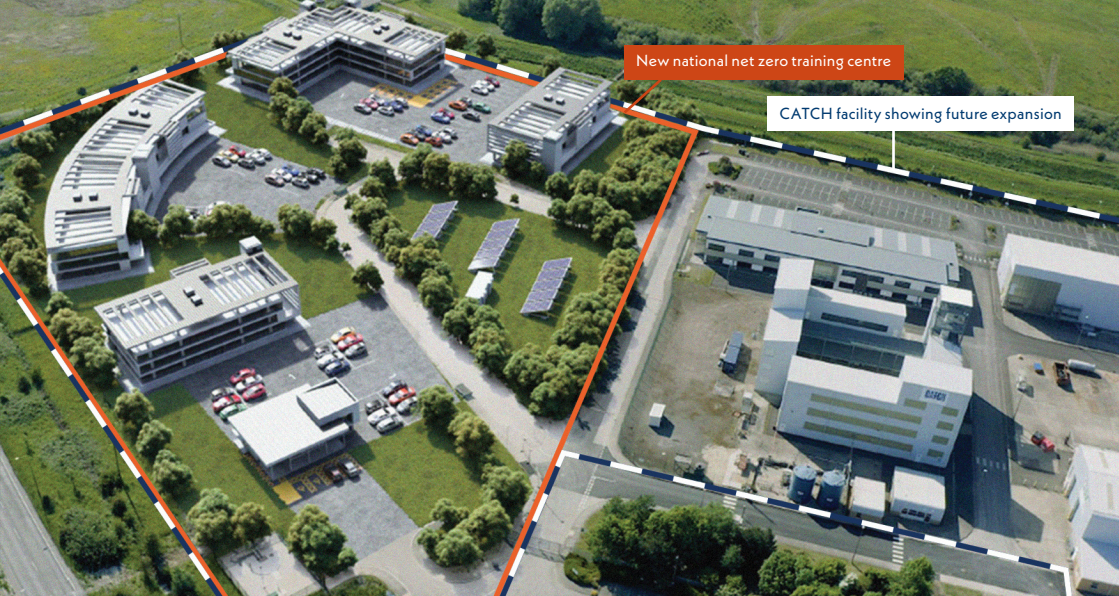
Building a broad consortium of delivery sponsors for success

A significant surge in demand for skilled labour is set to emerge in the Humber cluster and in the UK as multiple Net Zero projects are anticipated to commence construction from 2024...



...This will require a significant, rapid upscaling of current skills pipelines.⁴

⁴ Humber Industrial Cluster Plan: Skills Analysis & Engineering Construction Opportunities, April 2023.



We are moving on a ground-breaking

new national net zero training centre

for the UK, subject to:

- Final investment decisions
- Continuing to build broad support across industry and government.

The case for moving now



Significant demand

for thousands more skilled apprentices



We are working together to **secure this workforce**



The Humber can become a **world-leading apprentice training base**



This is a **huge opportunity** for the Humber and the north-east of England

Find out more



Visit the CATCH Apprenticeships website
catchuk.org/catchapprenticeships/



Visit the ECITB Apprenticeships website
ecitb.org.uk/apprenticeships-in-engineering/



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