

Impact Report

Building on the **Strategic Skills Plan for the UK Hydrogen Economy**, the HSA seeks to:

Understand:

Improve workforce and skills data gathering, analysis and modelling.

Develop:

Analyse the gaps in provision and develop new curriculum in a collaborative way.

Maximise:

Make full use of the existing skills offer, leveraging the sector's expertise to ensure it remains current as the industry evolves.

Attract:

Position hydrogen as an aspirational career destination for anyone at any point in the career lifecycle.



120+ Community Members from **88** organisations

Including **42** new Community Members in the past 12 months

142

attendees at HSA Community meetings in last 12 months



1521 users accessed Hydrogen Awareness Modules



12 Industry organisations

15 Academia organisations

5 Technology organisations engaged across 2 Foresighting Cycles on pressurised and cryogenic storage



HSA presented at **30+** National and International events



Hydrogen Skills
Alliance

Feb. 2023

Hydrogen Skills Alliance formed

Jul. 2024

Green Jobs Delivery Group Workforce Assessment delivered

Oct. 2024

Driving Development of Hydrogen Skills in the UK report published

Feb. 2025

Strategic Skills Plan for the UK Hydrogen Economy launched

Apr. 2025

Hydrogen Skills Framework Launched

Late 2025

Hydrogen And Carbon Capture Skills Accelerator Pilot Launched

Quote from Hydrogen Energy Association

“The Hydrogen Skills Alliance has played a vital role in connecting the hydrogen industry with the skills sector.

Through the Alliance, we’ve been able to contribute to shaping a skills strategy that reflects the needs of the sector and ensures the workforce is ready to meet future demand. It has also provided timely and relevant updates from Government and stakeholders, which have been particularly valuable to our members.”



● HSA Community Organisations

Case Study: SIAS Level 2 Introduction to Hydrogen Safety

In April 2025, SIAS released the first Ofqual regulated qualification aligned to the Hydrogen Skills Framework. The Level 2 Award in the Introduction to Hydrogen Safety introduces learners to the key safety principles essential for working with hydrogen. Developed with key stakeholders, it draws on the Hydrogen Skills Framework to extract core knowledge criteria relevant to hydrogen safety across industry. In collaboration with Cogent, industry stakeholders, and subject matter experts, the content was adapted for Level 2 to define the fundamental knowledge required. By linking to the Hydrogen Skills Framework, the qualification directly addresses industry safety needs.

This industry validated qualification will be offered by various training providers, including Redcar & Cleveland College, Liverpool College, Exeter College, Reynolds Training, and Yeovil College as part of their recently launched Hydrogen Lab.