



Glacier Energy

Manufacturing for Hydrogen

With a strong 120+ year heritage in the design and manufacture of pressure vessels, heat exchangers, structural fabrication and packaged equipment, Glacier Energy uses extensive engineering knowledge and expertise to develop innovative solutions for the hydrogen industry.

Today, Glacier Energy is one of the only dedicated design and manufacturing companies in the UK with specialist thermal and mechanical engineering capabilities and a proven track record in the renewables industry.

We design and manufacture:

Pressure Vessels



Heat Exchangers



Structural Fabrication



Packaged Equipment



Hy-Vision



Glacier Energy's Type IV Hydrogen Storage & MEGC Trailer Solution

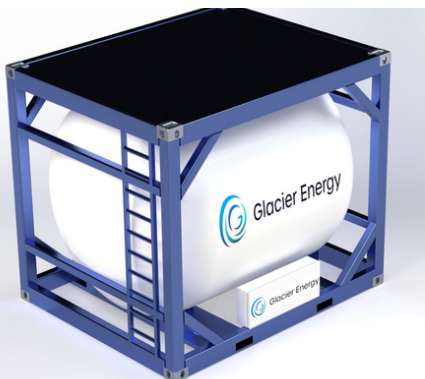
Glacier Energy is currently developing type IV hydrogen storage vessels and MEGC trailers to store and distribute hydrogen.



- ✓ Lightweight vessels therefore using less fuel to transport
- ✓ Advanced composite material to reduce weight and improve cylinder properties
- ✓ TPRD Safety Valves
- ✓ UK Supply Chain
- ✓ 60 Hydrogen Storage Vessels in 1 off 40ft ISO frame
- ✓ Dual certified with ROH (UK) and PI (EU) stamps in compliance with ADR
- ✓ > 1000kg of useable hydrogen

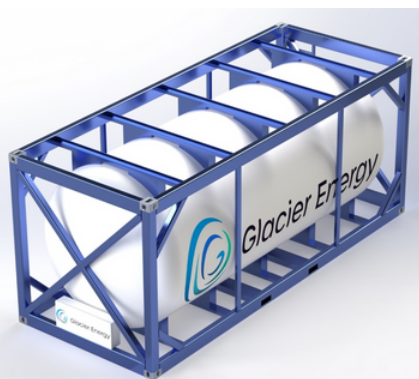
Glacier Energy has developed a range of **proprietary products** that have been designed to ensure safe, efficient and reliable storage, contributing positively towards a **net zero** future.

Hy-Edge 10



- ✓ 30 Bar
- ✓ Carbon steel
- ✓ 10ft ISO frame
- ✓ 25kg H2
- ✓ Single Tank

Hy-Edge 20



- ✓ 30 Bar
- ✓ Carbon steel
- ✓ 20ft ISO frame
- ✓ 50kg H2
- ✓ Single Tank

Hy-Vault



- ✓ Max 40 Bar
- ✓ Modular
- ✓ Supplied in banks
- ✓ Carbon steel
- ✓ Specialist Coating