

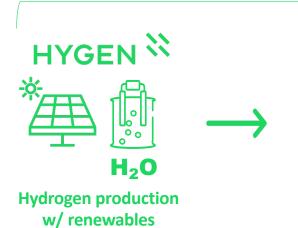
Ecosystem Model







PE investor in hydrogen ecosystem

















Mobility, Industrial and Technical end markets

Ecosystem Model







PE investor in hydrogen ecosystem

End users











High-capacity tube trailers and delivery infrastructure









Mobility, Industrial and Technical end markets



Service, maintenance and parts for whole value chain

Introduction to Ryze Hydrogen



Mission: kick-start and develop the UK hydrogen economy, supporting mobility and industrial markets.



Current fleet: > 6 tonnes of hydrogen

Expanding to: > 15 tonnes by Q4 23



>350 safe and successful hydrogen deliveries to date



~1,700 tonnes CO₂e saved so far by replacing diesel for hydrogen

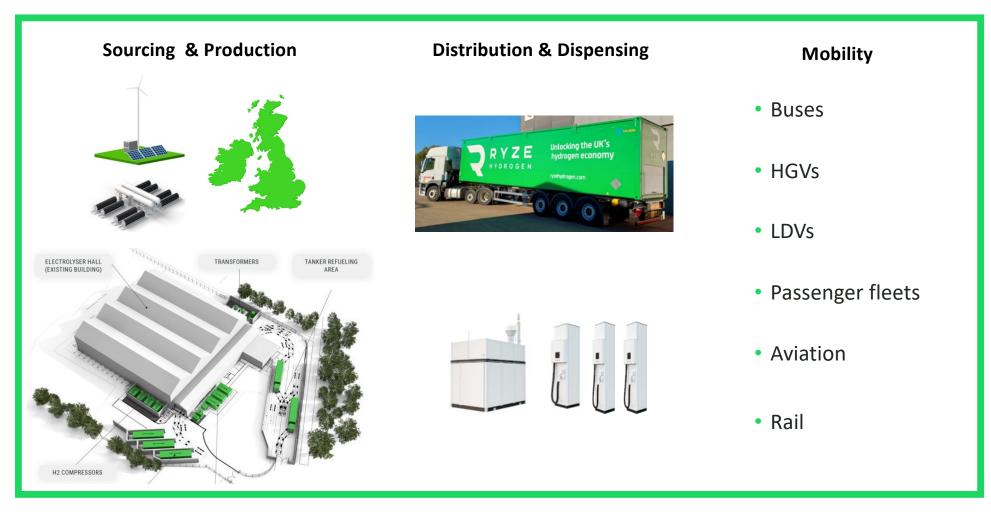


Fuel ~30-40% of UK H₂ HD vehicles

Also provide hydrogen solutions to other innovative customers for H₂ product testing

Introduction to Ryze Hydrogen





Introduction to Ryze Hydrogen





Green hydrogen production





- Ryze is developing its own production sites via sister company Hygen Energy.
- Hygen are creating a green hydrogen production network from renewable energy assets.
- Ryze also purchases hydrogen from other thirdparty supply partners with low carbon sources.
- Ryze and Hygen offer innovative solutions for distributed on-site production.

Distribution

- Ryze distributes hydrogen via high-capacity composite tube trailers.
- We optimise truck movements and distance travelled to reduce emissions.
- We are working with our logistics partners to switch to hydrogen trucks as soon as available.
- Our planned hydrogen production network and on-site production options allow us to provide a range of locations for supply.















Case Study: TfL

- Ryze and Nel have successfully worked together to deliver refuelling to TfL buses at their Perivale depot in West London.
- The station supports an initial fleet of 20 buses with capacity to expand to ~60 buses.
- Ryze delivers the hydrogen in 350 bar compressed hydrogen tube trailers



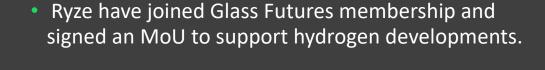




Collaboration: Glass Futures

05/06/23

Ryze Hydrogen partners with Glass Futures to help decarbonise glass industry



- Glass manufacturing can utilize hydrogen as a technical gas and fuel.
- Glass Futures is the global Centre of Excellence for glass in R&D, innovation and training. Together we will test and validate hydrogen solutions.



Ryze Hydrogen joins Glass Futures to help decarbonise glass production

Why Ryze Hydrogen



- Total hydrogen solutions to support vehicles/plant and decentralised industrial users
- Market disruption with more accessible business models
- Collaborative engagement and support
- Provide independent and technology agnostic tailored solutions
- Unlike existing players, we are customer-centric, innovative and agile

Contact





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