



Hydrogen Technology Integration

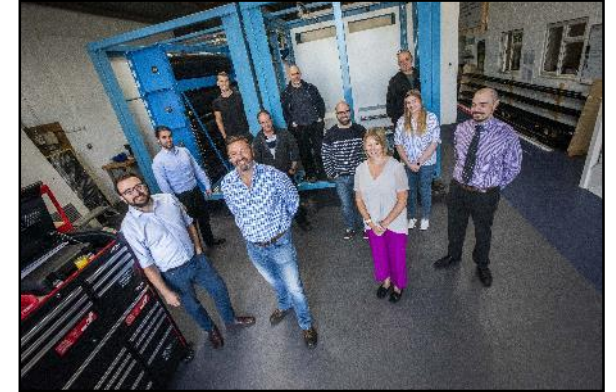
Nick Stapley

Business Development Manager

Logan Energy Group



Logan Energy Group



- 1995 – Established in US
- 2005 – UK subsidiary
- Fuel cell CHP integration
- Consulting
- Feasibility
- 2014 Levenmouth Project
- Manufacturing
- Technology Integration

2017 - Logan Energy Group

- Building on hydrogen expertise
- New subsidiaries
- H2Tec, Proton Power, etc.
- Wallyford

Now - Going Global

- Global supplier & partner network
- Global market
- Global presence
- H2Tec Netherlands
- Foreign investment – Chinese JV

Generation

Compression

Transportation

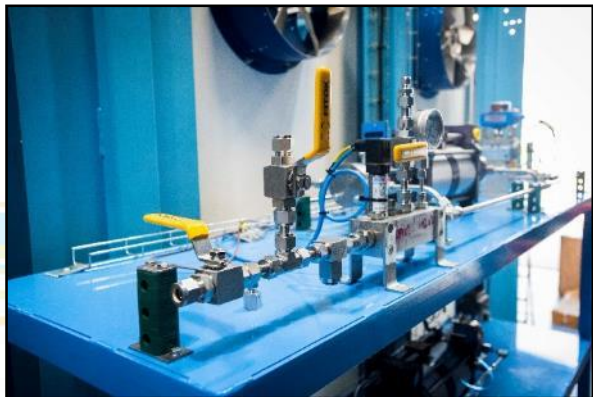
Fuel Cells

Purification

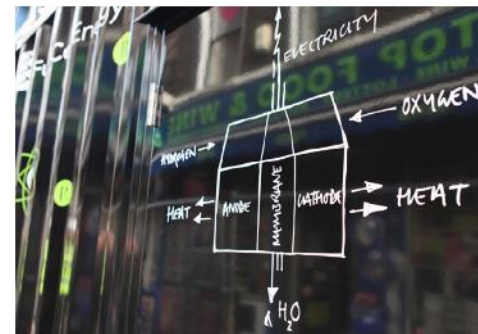
Storage

Refuelling

Whole System Design & Technology Integration



Project management and ongoing support



Design, Integration and Manufacture



In-house design & manufacture



Key Projects

Fuel Cell Integration & Installation

- Goodwood FoSpeed – 100kW PEM
- TfL Palestra – 200kWe PAFC CHP
- Quadrant 3 – 300kWe MCFC CCHP
- 20 Fenchurch Street – 300kWe

Feasibility Studies

- HySeas I/II – vessel and infrastructure
- HySeas Infrastructure Energy System

H₂ Generation, Refuelling & Whole System Installations

- Levenmouth – Fife H₂ micro-grid
- HyTIME – London H₂ gen & HRS
- SEAFUEL – Tenerife Seawater to H₂ HRS
- IZES – Saarbrucken Car HRS
- Belfast bus refueller Bus HRS
- Northern Ireland Wind to H₂ gen

Hydrogen H₂ Transport

- Orkney
- Northern Ireland

