

H2Tec
A Logan Energy Company

Enabling a zero-emission future

Wallyford HRS

The Wallyford Hydrogen Refuelling Station is the first public hydrogen refuelling station to open in the Scottish central belt. It is currently the only one between Aberdeen and Sheffield and has been installed in order to help stimulate the hydrogen infrastructure.

Deliverables

- > 350 bar dispensing
- > 450 bar storage
- > Hydrogen pneumatic compression
- > In-house controls

Achievements

- > Expansion of hydrogen infrastructure to Scottish Central Belt
- > Innovation hydrogen pre-cooling & heat exchange

Benefits

- > Hydrogen use as a fuel for all types of vehicles
- > Reduce CO₂ emissions
- > Improve air quality
- > Enabler for the local hydrogen economy

PROJECT INFORMATION

Designed and commissioned by H2Tec Ltd, and funded by its parent company Logan Energy Ltd, the station has been designed to refuel vehicles up to 350 bar, ideal for small vans and buses, however, this station can provide half fills to larger passenger vehicles.

The Wallyford refueller is one of the first produced by H2Tec Ltd and has formed a starting point for future refuelling station designs. The station has allowed us to improve our designs and develop a deeper understanding to the internal workings of a hydrogen refuelling station.

