

HyHouse

Dedicated website – No

Organisation webpage – Yes

Centralised portal – No

Objectives/Success Criteria – Yes

Closedown/final report – Yes

Open-source data – No

Peer-reviewed academic output (Primary Subject / Referenced) - 0 / 2

Brochures/Case Studies/Videos – No

On-line major conference/event presentations - 0

Dissemination Event / Output available – 0 / 0

Follow-on project – Yes (HyDeploy, H21)

Consumer Engagement

Consumer Participation – No

Consumer Feedback – No

Output Summary

Progress reports – No

Detailed and objective final report – Yes

Project method detailed – Yes

Performance to objectives detailed – Limited

Lessons learned identified – Yes

Policy/Regulation implications reviewed – Yes

Outcomes vs. Objectives/Targets

Performance to objectives – Mostly achieved

Key Findings

- From a safety perspective, a hydrogen leak is comparable to a natural gas leak.
- The natural buoyancy of hydrogen results in a domestic leak dispersing without reaching a dangerous concentration.
- A sudden, high release from a hydrogen vehicle could potentially reach a dangerous concentration.
- Ventilation and vent location is important to avoid hydrogen accumulation at high levels.
- As for natural gas, the additional of an odouriser to hydrogen would potentially be required.