

**Registered Address**

Suite 546, The Atrium, 1 Harefield Road,  
Uxbridge, London, UB8 1EX

**Trading address**

Hydrogen Waves,  
Cranfield University, MK43 0AL

July 2025

**HyWaves Stakeholder Newsletter**

Dear HyWaves Stakeholders, please find some company updates that may be of interest to you. For a tour of the test site or a discussion with the team, please contact us.

**Updates****Highlights**

- UK Patent granted for H2Top ([GB2627434](#))
- Operational Cranfield test site delivering early system-level validation
- EDP Innovation provide financial contribution to the Cranfield test site
- Lightsource BP installs experimental solar arrays at both UK HyWaves sites, Cranfield and South Wales
- Two hydrogen electrolyzers commissioned at the Cranfield site (PEM + Alkaline)
- Successful industry open day was held with key industry stakeholders including BP, EDP and Bosch
- Phase II Solar to Battery integration technology launched, expected patent submission in Summer 2025
- Ongoing development of a 100 kW PEM hydrogen system in Taiwan powered by HyWaves, in partnership with local integrator HiPower. The hydrogen will be off-taken by nearby semiconductor manufacturers.

**Investment / Grants**

- Seed round launched (July 2025) - £2.2m target to scale technology to commercial demonstration
- Two active Innovate UK grants with a combined total of over £600k remaining funding for HyWaves
- EDP Innovation provided the company's first R&D revenue through strategic funding of the Cranfield test site

**Commercial Traction**

- ZTT MOU signed with a commitment to co-develop a hydrogen site using HyWaves technology
- Lightsource BP have provided a Letter of Support in connection with solar supply at both UK pilot sites
- Lotus Flash Charge have provided an experimental EV charger to the Cranfield site with interest in further collaboration

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- Power to Hydrogen (US) agrees to submit a major EU/UK funded project application

**Team**

- Troy Stewart appointed as a NED. Troy has held senior positions at ABB and is the current Global Director at TÜV
- Venkat Lakshminarayanan employed as a Renewable Energy Engineer. Venkat brings experience in industrial control systems and renewable energy/battery systems

HyWaves has two active test sites in the UK:

- Flagship site at Cranfield University, close to Milton Keynes
- Second site in South Wales at the USW hydrogen R&D centre, home to the HyWaves solar to battery technology development

A technology explainer [video](#) and more information can be found on our [website](#).

Yours sincerely,



Dr Thomas Delaney, CEng

HyWaves Co-Founder and CEO