



Hyppo Hydrogen Solutions Limited



Phone number: 07895 093767



Email address: info@hyppo.co.uk



Website: www.hyppo.co.uk

Company Registration Number: 14516343

VAT Number: 429410505

23rd September 2025

Environment and Regeneration
Neath Port Talbot CBC
Civic Centre
Port Talbot
SA13 1PJ

To whom it may concern

Application for a Certificates of Lawfulness of Proposed Use or Development – Hyppo Hydrogen Solutions Ltd, Bay Studios Site

We write in support of our application for a Certificate of Lawfulness relating to the placement of three shipping containers at our Innovation Hub at the Bay Studios Business Park.

1. Company Background

Hyppo Hydrogen Solutions Ltd is a clean-energy company specialising in the development of green hydrogen technologies and services. Our work includes the design and assembly of hydrogen storage systems, testing of hydrogen-powered generators, and demonstration of hydrogen-fuelled vehicles.

Our mission is to accelerate the transition to low-carbon transport and energy systems by developing and trialling practical, scalable hydrogen applications.

Further details can be found at: <https://hyppo.co.uk>

Registered Business Address:

6 Glan Yr Afon Gardens
Sketty
Swansea
SA2 9HY

Operational Address:

H2Bay
Bay Studios
Fabian Way
Swansea
SA1 8QB



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2. The Site

Our Innovation Hub is based at Bay Studios Business Park and comprises an internal workshop with an adjoining hardstanding yard to the east.

Between 2015 and 2023, Swansea University occupied the site for electrolyser and hydrogen-related research. Hyppo Hydrogen Solutions has since taken on the lease and continues this innovation programme, with a focus on hydrogen storage tanks, modular generators, and related technologies.

We understand the premises were formerly occupied by Ford and later Visteon for automotive manufacturing, with an established B2 General Industrial use class.

Current activities at the site include:

- Assembly of hydrogen tanks and valves for the Hyppo Modular Power range, requiring hydrogen for testing and validation.
- Assembly of hydrogen fuel cell and battery generators, also requiring hydrogen for trials.
- Conversion and testing of vehicles for hydrogen retrofit.
- Trialling of hydrogen-powered vehicles for fleet applications.

3. Nature of the Proposal

We have acquired a hydrogen electrolyser system contained within three modular shipping containers. The units, previously used at Pembroke Port for green energy research, are fully transportable and designed for temporary deployment.

We propose to locate these three containers within our workshop at Bay Studios to support our ongoing R&D programme. The facility will enable trials and demonstrations in collaboration with Swansea University, the National Physical Laboratory, Wales & West Utilities, and automotive partners including Ford.

Any hydrogen refuelling of vehicles will be strictly limited to research, development, innovation and trial purposes by Hyppo and its partners.

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4. Safety and Compliance

We take health and safety extremely seriously.

- Hydrogen will be produced and stored in quantities below statutory thresholds for Hazardous Substances Consent.
- All equipment complies with recognised international safety standards.
- Operations will be undertaken in consultation with the Health and Safety Executive (HSE) and South Wales Fire and Rescue Service.

5. Confirmation

We confirm that the proposed hydrogen research and demonstration facility is:

- Within the scope of the lawful B2 General Industrial use of the site.
- Intended solely for research, development and innovation purposes.
- Ancillary to the established lawful use of the unit and yard.

We trust this clarifies the nature and intent of the proposal. A timely confirmation of lawfulness would be greatly appreciated, as it will enable us to access innovation grant funding from the Council to support local economic development and the ongoing regeneration of the Bay Studios site.

We would be pleased to provide any additional information or clarification as required.

Yours faithfully,

Signed: _____

Chris Foxall

CEO Hyppo Hydrogen Solutions Ltd

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