



Ms Tanya Coggan  
Principal Planning Officer  
North Lincolnshire Council  
Church Square House  
30-40 High Street  
Scunthorpe  
DN15 6NL

**Uniper Hydrogen Limited**  
Compton House  
2300 The Crescent  
Birmingham Business Park  
Birmingham B37 7YE  
www.uniper.energy

Registered in  
England and Wales  
Company No. 09513014

Registered Office:  
Compton House  
2300 The Crescent  
Birmingham Business Park  
Birmingham B37 7YE

**TOWN AND COUNTRY PLANNING ACT 1990 (AS AMENDED)**

**TOWN AND COUNTRY PLANNING (ENVIRONMENTAL IMPACT ASSESSMENT)  
REGULATIONS 2017 (AS AMENDED)**

**APPLICATION FOR FULL PLANNING PERMISSION FOR THE CONSTRUCTION  
AND OPERATION OF THE HUMBER H<sub>2</sub>UB<sup>®</sup> (GREEN) HYDROGEN PRODUCTION  
FACILITY ON LAND AT KILLINGHOLME POWER STATION**

September 16, 2025

Dear Ms Coggan,

On behalf of Uniper Hydrogen UK Limited (the 'Applicant') I am writing to apply for full planning permission for the construction and operation of the Humber H<sub>2</sub>ub<sup>®</sup> (Green) hydrogen production facility ('HPF') on land at Killingholme power station, Chase Hill Road, Killingholme, Immingham DN40 3LU. The low carbon (green) HPF will include electrolyser modules and power supplies, a water treatment plant, cooling equipment, hydrogen purification equipment, a hydrogen storage facility, a control building/stores and maintenance and laydown areas. The application is submitted to North Lincolnshire Council ('NLC') in its capacity as local planning authority under the Town and Country Planning Act 1990 (the 'TCPA 1990') (as amended).

The hydrogen produced by the Humber H<sub>2</sub>ub<sup>®</sup> (Green) HPF will meet the UK Low Carbon Hydrogen Standard and all of it will be exported for use by the Phillips 66 (P66) Humber Refinery that is located approximately 4 km to the south of it. The hydrogen will be used to replace refinery fuel gas in industrial-scale fired heaters as part of P66's plans to reduce their Scope 1 operational emissions.

An Environmental Statement documenting the findings of an Environmental Impact Assessment ('EIA') for the Humber H<sub>2</sub>ub<sup>®</sup> (Green) HPF accompanies this planning application. It has been prepared in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (the 'EIA Regulations') and based on an EIA Scoping Report submitted on 15<sup>th</sup> August 2024 and an EIA Scoping Opinion issued by NLC on 30<sup>th</sup> October 2024.



## Documents

The application submission made via the Planning Portal (Reference PP-14110001) comprises the following documents:

- this letter;
- the Application Form and Certificates;
- a Location Plan;
- a Site Block Plan;
- a Traffic Statement;
- a Biodiversity Net Gain Assessment Report;
- Environmental Statement Volume I;
- Environmental Statement Volume IV - Non-Technical Summary; and
- a confidential Badger Survey Report.

Two documents, the Environmental Statement Volume II – Drawings and Figures and the Environmental Statement Volume III - Technical Appendices, are too large to submit via the Planning Portal and so these have been sent to you separately via e-mail. In the case of the Environmental Statement Volume III - Technical Appendices, the document has been split into 2 parts.

A Biodiversity Net Gain Statutory Metric spreadsheet is not in a compatible format to submit via the Planning Portal and so this document has been sent to you separately via e-mail.

The Environmental Statement Volume II – Drawings and Figures includes the following plans and drawings:

- Site Plan (1:10000 @A3);
- Location Plan (1:2000 @A3);
- Indicative Green H2 Layout: Phase 1 Site Plan (1:1250 @A3);
- Indicative Green H2: Phase 1 Elevation Plan (1:500 @A1);
- Indicative Green H2 Layout: Drainage Drawing Phase 1 (1:1250 @A3);
- Indicative Green H2 Layout: Drainage Drawing Detail (NTS).

The Environmental Statement Volume III – Technical Appendices contains the following documents:

- Statement of Community Involvement (Appendix 4-1) ;
- Planning, Design and Access Statement (Appendix 5-1);
- H1 Assessment of Discharge from Proposed Humber H<sub>2</sub>ub<sup>®</sup>(Green) Hydrogen Production Facility to the Humber Estuary (Appendix 7-1);
- Phase 1 Geo-Environmental Desk Study: Contaminated Land Preliminary Risk Assessment (Appendix 8-1);
- Noise & Vibration appendices (Appendices 10-1 to 10-5);
- Landscape and Visual Amenity appendices (Appendices 11-1 to 11-3);
- Traffic and Transport appendix (Appendix 12-1)
- Cultural Heritage appendix (Appendix 13-1);
- Ecology appendices, including Survey Reports (Appendices 14-1 to 14-7);
- a Climate Change Risk Assessment (Appendix 15-1); and
- a Flood Risk Assessment (Appendix 15-2).



The application is accompanied by a fee of £ [REDACTED] that will be paid via bank transfer.

I trust that everything that has been submitted will allow you to validate the application and look forward to receiving confirmation of this in due course.

Yours sincerely,



Dr Steve Waygood  
Environmental Consents Manager  
Uniper UK