

HYBRID 1.2 HyBont Project Management Meeting

10.00 11.00 Friday 6/01/2023

Attendees: WG –[Welsh Gov official redaction section 40]; HyBONT – [Marubeni, Mott Macdonald and RPS employees] [redacted section 40], [Bridgend official redacted section 40]

Discussion:

Progress bi-weekly meeting slides shared on screen by[Marubeni employee][section 40].

Conclusion of the PAC: it closes today 6/01. Had huge amount of interest until Christmas break. BCBC members helped alongside Tara and the Marubeni team on the public engagement events 13/14 Dec 2022. Well attended over 100 people on day 1, lots of consistency in the messaging – day 2 more positive, lots of people acknowledging the need for decarb.

Several people were referring to safety issues at Brynmenyn concerning for proximity to businesses and private dwellings, others asking why the project should run here (Bridgend) – a feedback session is coming up with BCBC. BCBC acknowledged that the comms in the early days was not as on point as now.

A formal letter from the local councillor was issued to them regarding these safety concerns and it will be addressed in due course. They have also sent their letter to the local MS and MP, and these issues will undoubtedly reach MCC and require a WG Planning response. GW noted that Planning have not attended this or most of the previous HyBONT project meetings but are invited. [RPS employee][section 40] suggested we contact [Welsh Gov official][redacted section 40]and team asap to alert them of this correspondence so that they may prepare their position with full knowledge of the project progress and also so that they may engage going forward.

[Marubeni employee][redacted section 40] went through the standard agenda using the slide deck and subcontractors updated where relevant.[Marubeni][redacted section 40] led for HyBONT partners. (see annex and slide deck attached).

Chapter 2: Hydrogen market and tech – tender pack developed by ... strong interest (30suppliers) in the pre-qualification process from the hydrogen supply chain. Final procurement call end of Jan 2023.

Chapter 3: electric investigation is progressing well, as is the selection of route options no 3rd party land to be crossed, and cost is feasible. Grid connection is one of the main challenges, formal connection offer from National Grid ED. [Welsh Gov official][redacted section 40]; set up a call with[Welsh Gov official][redacted section 40]; to feed into FEW and up to National Grid on the strategic significance of this development. See slides for Risk register, Gantt chart, Milestone 2 tracker.

Actions

- 1. [Welsh Gov official][redaction section 40]; to share Energy kingdom link with [marubeni employee] [redacted section 40]**
- 2. [Welsh Gov official][redaction section 40]; to share this information and meeting minutes with [Welsh Gov official][redaction section 40]; and colleagues in preparation for WG planning response to anticipated correspondence from local councillor to MP and MS re H&S concerns at Brynmenyn H2 site.**

Annex 1: Presentation Highlights – see slide deck

Chapter 4: Basic engineering – tech package of docs

- Geotechnical Studies, Utility Searches and Surveys
- Hydrogen Production Facility Design Pack including:
 - Basis of Design
 - Site Layout
 - Energy Flow Schematic and Heat & Material Balance
 - Process Flow Diagrams
 - Equipment List
 - Civils design (drainage and earthworks)
 - HAZID
 - Electrical Single Line Diagrams
- EPC Contractor Call for Tender Pack including Minimum Functional Specification
- Basic Engineering (as part of Data Gathering & Refinement of Design)
 - Design developed to plan including Process Hazards Review for 5MW (HHV) Hydrogen Production facility (7MW electrolyser)
 - Finalised Engineering Design developed incorporating review findings as well as feedback from Supply Chain Engagement
 - Risk-based approach from early phase has fast-tracked engineering design, including focus on modelling power supplies with hydrogen demands to increase confidence in power supply, hydrogen production, and storage capacities.

Milestone 2 Tracker

Stakeholder	Status	Comments
Financial Model Input Data Form Sheet	Complete	Complete
Supporting assessments and all planning application component plans and documents at draft final stage in readiness for pre-application consultation	Complete	Complete
Statutory 28 day pre-application consultation prepared and launched	Complete	Complete
O/H Line and cable routing and design	Complete	Complete
Basic Engineering (Hydrogen Production Facility & Electrical) Design Freeze, associated deliverables: 1) Enabling Works Study & Design (Earthworks) 2) Civils Design (Platform, Road Access, Drainage) 3) Utility and Consumables Summary, Plot Plan 4) Functional Specifications for: Electrolysis, Compression and MP Storage, Hydrogen Refuelling Station, Hydrogen Pipeline (~1km), Control & Instrumentation, Electrical & Utility Systems, Civil & Structural	Ongoing	Ongoing – Legal review (due Jan 2023)

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Engaging and Promotion activities

1

Exhibition Event

- Exhibition event, in Bridgend to promote and educate the local community about the project.



Turnout:

- 1st Day on 13th : 81 local residents
- 2nd Day on 14th : 59 local residents

2

Project Website

- A project website will be created to showcase the project.
- First version will be created for the PAC process
- Second Version will be the full website.



3

Leaflets & FAQs

- Leaflets will be distributed to local residents informing them about the development

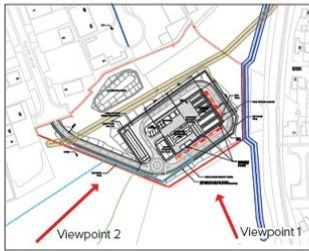


process - Consultation Board Material Example 2



Viewpoint 1 - Aerial view of proposed green hydrogen production facility from the south. Proposed development site set within existing retained tree belt for visual screening. New access road from Squire Drive leading to secured entrance to site and internal perimeter roadway with hydrogen refuelling stations around perimeter.

Viewpoint 2 - Eye Level artistic impression of the proposed green hydrogen Production Facility, viewed from the southwest. New access from Squire Drive shown in foreground, with Electrical Substation and office fronting the site and Hydrogen Vehicle Refuelling bays beyond.



Viewpoint location plan



Viewpoint 1



Viewpoint 2

Board 4.