

## Energy Working Group (EWG)- 25th Member Meeting Summary

*Note issued - 14th September 2026*

|                          |                                                                                                                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date &amp; Time</b>   | 10th September 2026, 5:30-7:00pm                                                                                                                                                                                                         |
| <b>Venue</b>             | HCMC - Baker McKenzie Office, and MS Teams                                                                                                                                                                                               |
| <b>Member Attendance</b> | Hugh Sykes (Perygrene Ltd)<br>Le Song Ha (EnviroSolutions & Consulting)<br>Mark Atkinson (SteegeXP)<br>Melvyn Flitman (HSS Restoration)<br>Ngoc Tran (BritCham WG Manager)<br>Paul Cleves<br>Quang Phan (Mittaco)<br>Ray Haveron (IMPAC) |
| <b>Visitors</b>          | Igor Nefedov (IMPAC Group) - Presenter<br>Kevin Young (IMPAC Group)                                                                                                                                                                      |

### MEETING NOTES

#### 1. Introductions and welcome

**2. Member Focus Topic: “Hydrogen and Ammonia in Vietnam – From Hype to Strategy: Wind, Grid Balancing, Pipelines & Competitiveness” – presentation by Igor Nefedov, Head of Gas Distribution and Transmission, IMPAC Group, and Kevin Young Ops dir. Asset Integrity management IMPAC Group followed by discussions. (*Presentation was initially considered for a Breakfast and Learn event in Sept which was cancelled*)**

- Vietnam’s growing wind and solar capacity creates both opportunity and grid-balancing challenges. Hydrogen and ammonia were discussed as potential ways to convert surplus renewable electricity into storable energy, reduce curtailment and support longer-duration balancing.
- Near-term opportunities include selected power applications, industrial heat and feedstock, lower-carbon fertilisers and chemicals, and port/shipping uses. The discussion stressed that the period to around 2030 is more likely to involve pilots and emerging clusters than system-wide replacement.
- Infrastructure requirements differ materially. Low-percentage hydrogen blending may be feasible in some existing gas networks subject to technical assessment, while higher blends or pure hydrogen may require upgrades. Ammonia requires more controlled corridors and stronger safety, leak-

## MEETING NOTES

detection, buffer-zone and emergency-response arrangements because of its toxicity.

- Members discussed the trade-offs between hydrogen and ammonia. Ammonia offers higher energy density and easier large-scale transport/storage, including potential marine-fuel applications, while hydrogen is non-toxic but presents its own storage, pressure, materials and infrastructure challenges.
- The presentation reviewed hydrogen production pathways and electrolyser technologies. Alkaline electrolyzers were presented as mature and cost-effective for larger/stable renewable systems, while PEM electrolyzers offer faster response and can be well suited to more variable wind applications, although at higher capital cost.
- Vietnam was highlighted as having potential advantages for early H<sub>2</sub>/NH<sub>3</sub> clusters through strong renewable resources, existing refinery/fertiliser demand, industrial parks and port infrastructure. Potential pathways include coastal green hydrogen/ammonia hubs, refinery transition from grey/blue toward green hydrogen, industrial/export corridors, and power-system integration.
- Risk and governance should be embedded from the outset, covering strategic/market, operational/safety, financial/contractual, and reputation/ESG/community risks. Early projects should use phased development, independent technical review, clear emergency-response planning and early engagement with authorities, communities, financiers and anchor customers.
- The presentation materials will be shared with EWG members through the Working Group/SharePoint for further reference.

### Actions proposed

- BritCham / EWG to share Igor Nefedov's (IMPAC's) Hydrogen & Ammonia presentation with members for reference.
- EWG to continue discussion on practical hydrogen/ammonia opportunities, infrastructure readiness and risk considerations relevant to Vietnam.
- Denzel Eades to provide a focus session introducing the Offshore Wind Investment Guide (developed by PIC/OWC and published by GWEC) for EWG MM#26

### Next Meetings

MM#26: Offshore Wind Investment Guide - focus session led by Denzel Eades. Tentatively scheduled for 28th October 2026.

**Calendar:**  
Tentative  
plans

- EWG Members requested to continue proposing future focus topics and speakers.
- Final details for MM#26 to be circulated by the Secretariat.

**Distribution**

All EWG & Board Members, Secretariat (Matt, Ngoc)