

Press Release

ENTSOG and ENNOH publish their joint report on De-Risking Options for EU Hydrogen Infrastructure

(Brussels, 21 May, PR0368-26) **ENTSOG and ENNOH have published their joint report outlining de-risking options for EU hydrogen infrastructure. The development of the report addresses the request formulated in the 11th Energy Infrastructure Forum in Copenhagen (CEIF) conclusions of June 2025. ENTSOG and ENNOH will present findings of the report at CEIF 2026.**

The conclusions of the CEIF in June 2025 included the following statement:

“Securing capital remains a persistent challenge for hydrogen project promoters, particularly during the transition period leading up to the implementation of the Hydrogen and Gas Decarbonisation Package. In this sense, the Forum invites ENNOH, ENTSOG and other relevant stakeholders to further work on the possible de-risking options and deliver a report on this topic by the next Forum.”

The report is co-authored by ENTSOG and ENNOH – with the support of Frontier Economics and the Copenhagen School of Energy Infrastructure (CSEI) facilitating discussions and workshops. The report highlights that the development of cross-border hydrogen infrastructure is essential to enable the hydrogen market ramp-up and deliver on Europe’s climate neutrality objectives. The report concludes that in the current early-stage hydrogen market, project promoters face significant uncertainties which create a structural investment gap and hinder final investment decisions.

These challenges are primarily driven by volume, price and cross-border risks, combined with limited visibility on future demand and users’ willingness to pay. While a range of existing instruments can support investments, the analysis shows that no single mechanism is sufficient and that national approaches alone remain insufficient to address the scale and specific risks associated to cross-border hydrogen projects.

Building on this analysis, ENTSOG and ENNOH put forward two EU-level options to support investment:

- an Inter-temporal Cost Allocation (ICA) based tariff approach, supported by a Special Purpose Vehicle (SPV), and an EU budget-backed guarantee,
- a long-term capacity booking through a dedicated European SPV.



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The development of the report is based on extensive stakeholder engagement, including a joint workshop on 4 March 2026, co-organised by ENTSOG and ENNOH, and includes input from a phase of public consultation.

Abel Enríquez, ENNOH Director, stated, *“This report marks an important step in identifying practical ways to de-risk cross-border hydrogen infrastructure investments. It assesses how existing regulatory and financing tools could be combined with an additional EU-level de-risking mechanism to be developed, including the role of an EU guarantee. ENNOH stands ready to continue working to further assess and refine this concept.”*

Piotr Kuś, ENTSOG General Director, commented, *“Our analysis indicates that, by combining targeted de-risking tools within clearly defined EU framework, project promoters can unlock needed funding for development of hydrogen networks. Alongside the efficient repurposing of existing assets, this will accelerate the development of an integrated energy system supported by robust networks for electrons and molecules.”*

The final ENTSOG and ENNOH report on De-Risking Options for EU Hydrogen Infrastructure on the ENTSOG and ENNOH websites, [here](#) and [here](#).

Should you require any further information please contact:

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Editorial notes

- > [The European Network of Transmission System Operators for Gas \(ENTSOG\)](#) was founded in line with 2009 playing a key role in facilitating integration of European gas markets, ensuring technical interoperability and providing security of supply by gas infrastructure planning. Within the scope of Regulation (EU) 2024/1789 and other relevant legislation, ENTSOG is contributing to net-zero decarbonisation by 2050 by the integration of renewable and low carbon gases via future-proof gas transmission pipelines, in line with the EU energy and climate goals. More information on ENTSOG can be found on our [website](#) – or contact info@entsog.eu.
- > [The European Network of Network Operators for Hydrogen \(ENNOH\)](#) currently gathers 37 members from 26 Member States. ENNOH is mandated by Regulation (EU) 2024/1789 to bring together hydrogen transmission network operators (HTNOs) from across Europe to promote the internal hydrogen market, facilitate cross-border trade, and coordinate the secure, efficient, and technical development of the European hydrogen transmission network. Its core tasks include developing network codes, producing a hydrogen Ten-Year Network Development Plan, and fostering cooperation and transparency among stakeholders. For more information, visit ennoh.eu or contact info@ennoh.eu.