

Press Release

ENTSOG and ENNOH publish their joint report on Criteria for Natural Gas Infrastructure Repurposing

(Brussels, 18 November, PR0355-25) **ENTSOG and ENNOH have today published their first joint report, outlining the criteria required for repurposing natural gas infrastructure. The development of the report was initiated by the conclusions of the 10th Energy Infrastructure Forum in Copenhagen (CEIF) in June 2024, with finalisation of the report on the basis of the conclusions of the 11th CEIF in June 2025.**

The conclusions of the CEIF in June 2024 included the following statement:

“The Forum invites (pre-)ENNOH, ENTSOG and ACER, in collaboration with the relevant stakeholders, to develop and draft a set of criteria for the repurposing of infrastructure within the context of European infrastructure planning. The Forum invites the Commission to facilitate this activity by moderating the associated meetings.”

The initial report was co-authored by ENTSOG and ENNOH, and identified the main set of criteria to be considered by hydrogen and natural gas operators when repurposing natural gas infrastructure to transport hydrogen, including:

- Technical feasibility (and safety)
- Security of Supply
- Economic efficiency (economic efficiency and market integration)
- Positive stakeholder engagement.

ENTSOG and ENNOH coordinated with the European Commission and ACER during the development of the draft report, the findings of which were presented to the CEIF in June 2025. At that event, the Forum participants recommended that:

“ENTSOG and ENNOH conduct consultations with all relevant stakeholders before the final publication of the draft repurposing principles document in November 2025.”

A stakeholder workshop, co-organised by ENTSOG and ENNOH on 18 September 2025, facilitated final input from key stakeholders, including the European Commission and ACER. The workshop participants supported the content of the draft report, providing recommendations to assist in finalising the report – additional information on considerations for Security of Supply and Economic Efficiency, aligning with stakeholder priorities.

Piotr Kuś, ENTSOG General Director, commented, *“This first-of-its-kind report shows the good cooperation of ENTSOG and ENNOH, along with European Commission and ACER, to confirm that repurposing existing gas grids is a quick and cost-efficient way to decarbonise. The report also outlines that any potential impact for maintaining security of energy supply should be assessed in parallel. I would like to sincerely thank the teams involved, and the valuable inputs of all the stakeholders providing feedback to finalise the report.”*

Abel Enríquez, ENNOH Director, stated, *“By establishing clear criteria for repurposing, we support a cost-effective and safe transition towards a decarbonised energy system, while ensuring that stakeholder priorities and security of supply remain part of planning decisions. This joint report reflects the strong collaboration between ENNOH and ENTSOG, as well as with the European Commission and ACER, in paving the way for hydrogen deployment by converting existing gas infrastructure.”*

The final report will be presented in the 12th CEIF in 2026. Furthermore, ENTSOG and ENNOH will apply the final repurposing principles outlined in the report in the upcoming TYNDP 2026, as requested during the CEIF in June 2025.

The final ENTSOG and ENNOH report on Criteria for Natural Gas Infrastructure Repurposing is available on the ENTSOG and ENNOH websites, [here](#) and [here](#).

Should you require any further information please contact Ms. Carmel Carey (ENTSOG.Communications@entsog.eu) and Ms. Carolina Bártolo (carolina.bartolo@ennoh.eu)

Editorial notes

- > **[The European Network of Transmission System Operators for Gas \(ENTSOG\)](#)** was founded in 2009 and has played 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.