



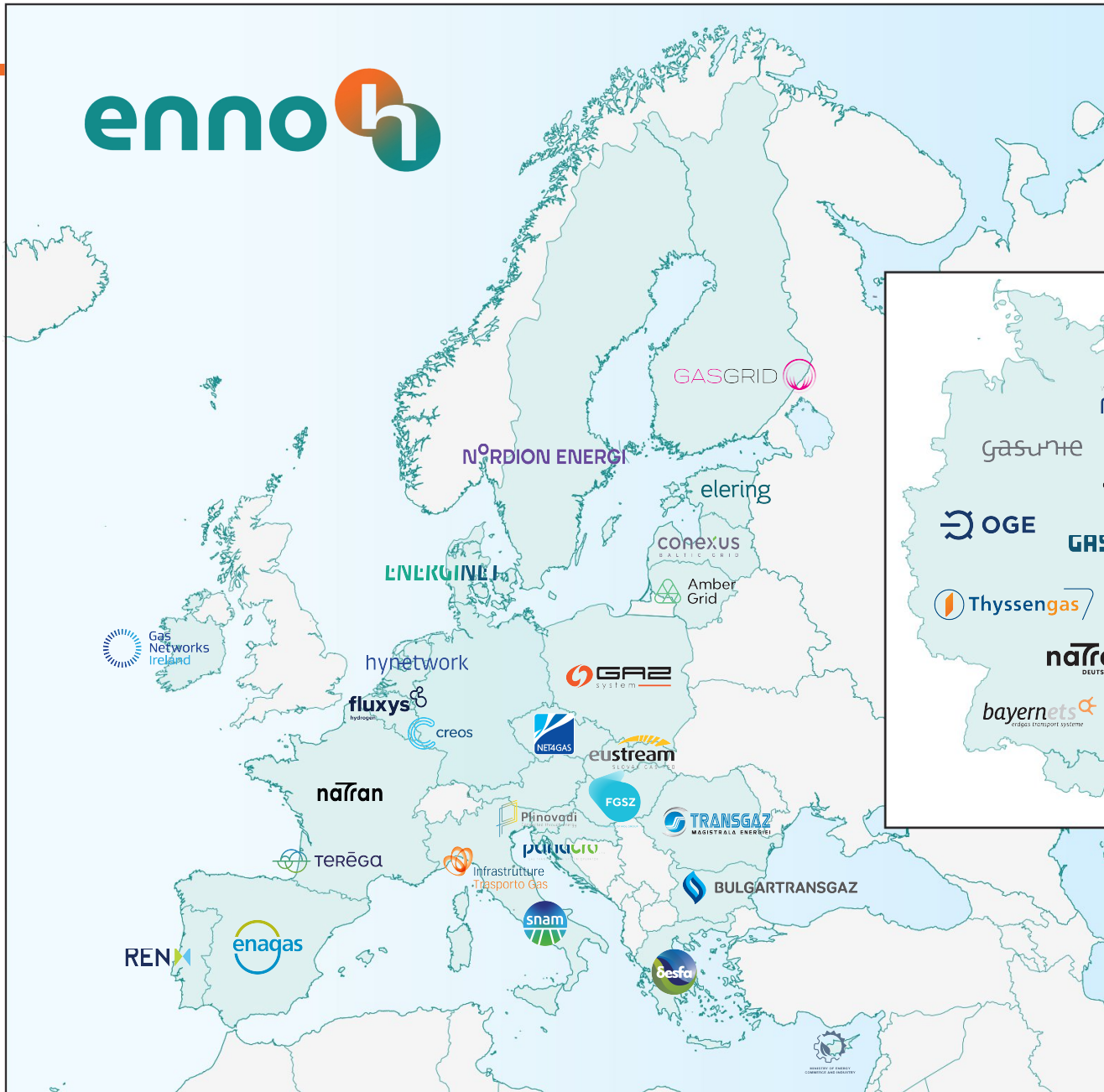
Perspective from Grid Operators



Nicolas Peugniez, Vice President
3 June, Brussels



Pre-ENNOH Membership



26 EU Countries

36 Members

1 Associated Partner



ENNOH Mission and Scope

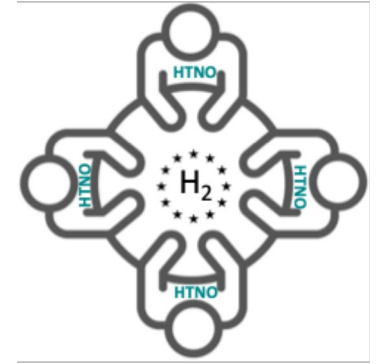
According to Regulation (EU) 1789/2024, ENNOH will be the **organisation for the cooperation** of the EU Hydrogen Transmission Network Operators (**HTNOs**).

ENNOH's primary mission is

- to promote the **development** and proper **functioning** of the **internal H₂ market**
- to promote the **cross-border trade** of H₂
- **support** the **optimal management**, coordinated operation and **sound technical evolution** of the European **H₂ transmission network**
- Contribute to the efficient and sustainable **achievement of EU Energy and Climate targets**

ENNOH shall **cooperate closely with ENTSOE and ENTSG** (and EU DSO Entity) to

- identify **synergies**
- foster **system integration across energy carriers**
- facilitate overall energy **system efficiency**



ENNOH Tasks and Deliverables



TYNDP and related tasks

- Union-wide Ten-Year H₂ Network Development Plan
 - TYNDP 2026 by ENTSOG
 - ENNOH to take over TYNDP process in 2027
- Infrastructure Gaps Identification Report
- Single-sector Methodology
- Annual Supply Outlook and Assessment of System's Resilience
- Repurposing guidelines
- Cooperate closely with ENTSOE and ENTSOG on fostering system integration and overall energy system efficiency (Union-level Integrated Network Planning)
- Joint Scenarios with ENTSOG and ENTSOE
- Inter-linked/Integrated Market and Network Model



Network Codes

- Participate in the preparation of the Priority List
- Network Codes development:
 - Energy efficiency in H₂ networks
 - Interoperability (data exchange, transparency, H₂ quality, ...)
 - Financial compensation for cross-border investments
 - Capacity allocation (CAM), Congestion management (CMP)
 - Tariffs
 - Value of Transferred Assets and dedicated charge
 - Balancing rules
 - Inter-temporal cost allocation
 - Cybersecurity
- Monitor Implementation, Amendment of Network Codes



Cross-cutting (input from/to other areas)

- Annual Work Program
- Annual Report
- Regional Cooperation
- Provide ACER with the information ACER require to fulfil tasks described in the Regulation.
- Answer Public Consultations from EC and ACER on different aspects



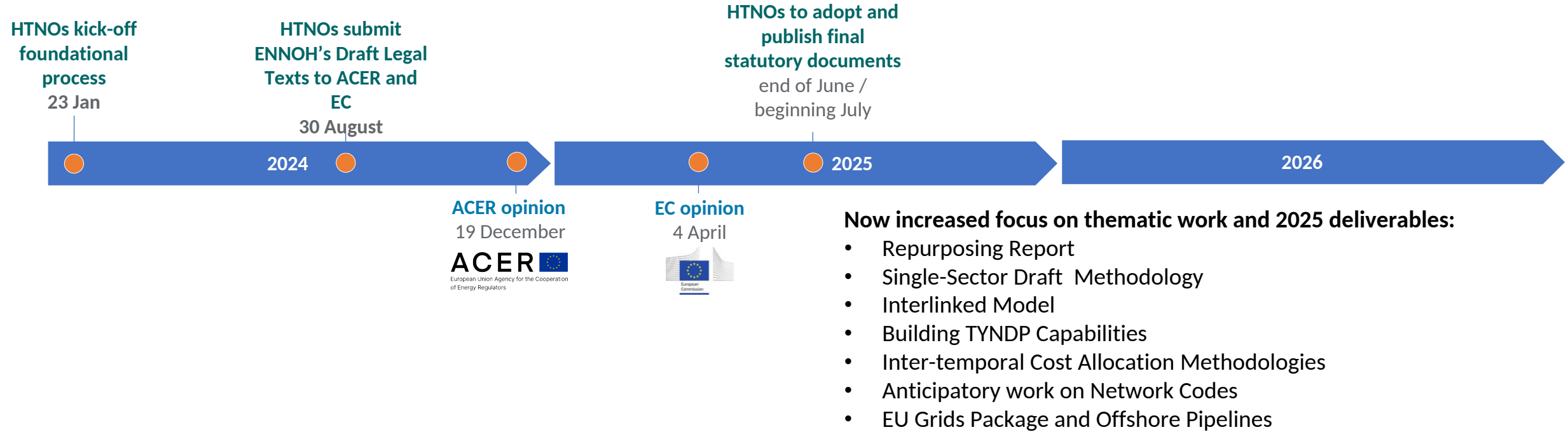
System Operation and Transparency

- H₂ quality monitoring
- H₂ leaks/emissions
- Cybersecurity and Data Protection
- Recommendations for technical cooperation between
 - HTNOs, HDNOs, TSOs, DSOs
 - Union and 3rd countries' HTNOs
- Transparency Platform

Tasks

- ENNOH final Statutes and Annual Work Program
 - Integrated Market Model with the ENTSOs
 - Single-Sector Draft Methodology
 - TYNDP process
 - Tasks from the Energy Infrastructure Forum (Repurposing Report)
 - Coordination with ACER and DG ENER
 - External representation
- ENNOH Infrastructure: Office, IT, logistics infrastructure, Staff, Corporate Image
 - *[8 staff members by the end of 2025]*
 - Market Economics and Regulatory tasks related to the Regulation
 - Regulatory Positioning and Communication
 - Engagement with key Stakeholders
- Anticipatory work on Network Codes
 - ENNOH Annual Work Program 2026
 - Hydrogen Quality Monitoring Report
 - Transparency Platform

Way Forward



Finalization of ENNOH's Statutes

- Close collaboration with DG ENER to amend AoA and RoPs in line with EC's communication (April – June 2025)
- Final ENNOH's Statutory documents (AoA, RoP, RoP CS and List of Members) adopted by the General Assembly on 25 June
- Statutory documents to be published on ENNOH's website



- **ENNOH** is being established



- It will play a key role in promoting and facilitating cross-border trade and the **H₂ transmission networks across the European Union**



- The H₂ infrastructure, including the **priority H₂ corridors**, will be an essential part of the future **EU-integrated energy system**

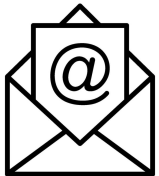


- This is an invitation to all interested parties to **get involved in ENNOH's work** and contribute to the successful deployment of the EU-wide H₂ infrastructure system.



Thank you for your attention

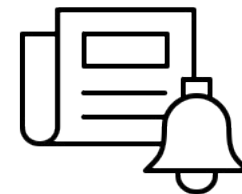
Keep in touch



info@ennoh.eu



www.linkedin.com/company/ennoh/



ENNOH e-mail updates
@ www.ennoh.eu/contact-us.html