



*FSR Online Debate*  
*Which Hydrogen Network for Europe?*  
18 September

# ENNOH Foundational Process

- Submission of Statutory documents to ACER and DG ENER on the 30<sup>th</sup> of August.



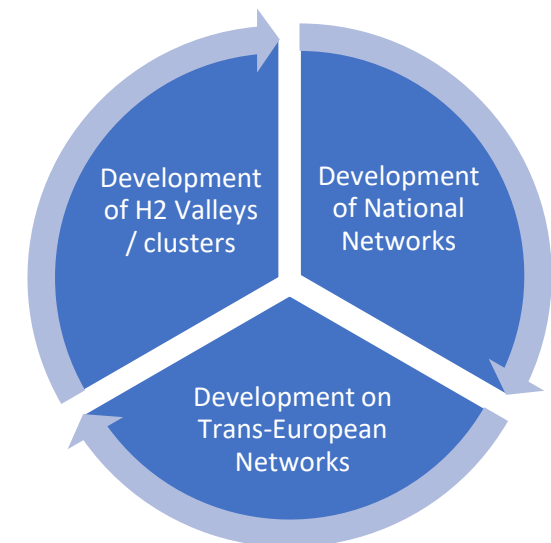
## Q4 2024 – Q4 2025:

- Gas/H<sub>2</sub> Regulation EU/2024/1788 imposes a number of tasks and deliverables for 2025 and 2026, which require preparatory work in 2024/2025 to meet the given deadlines.
- Some tasks have a significant impact on the future development of the hydrogen market
- There are additional tasks/activities following the Energy Infrastructure Forum, and others related to the establishment of ENNOH in Q3 2024.
- Pre-ENNOH to be set up until ENNOH is fully legally operational (around Q4 2025)

# Which Hydrogen Network for Europe?

- ENNOH is to be established to ensure optimal management of the Union hydrogen network, and to allow trading and supplying hydrogen across borders in the Union.
- According to EU Hydrogen and Decarbonised Gas Market Package, hydrogen networks would:
  - constitute an important means of efficient and sustainable transport for hydrogen, both onshore and offshore
  - advance Energy System Integration
  - build partially on repurposing existing gas infrastructure
  - interconnect national markets and ensure market integration
  - facilitate the integration of growing volumes of hydrogen
  - transport hydrogen across borders and at the national level, from low-cost production areas to highly consuming areas.
  - enable trading of hydrogen from third countries
  - Hydrogen clusters are an important building block of the Union's hydrogen economy

- The development of an EU-wide H<sub>2</sub> network from the beginning is compatible with prioritising the connection of the main H<sub>2</sub> valleys. The routes proposed for the main hydrogen corridors reconcile both visions, allowing properly dimensioned networks for the long term.
- By connecting Hydrogen Valleys to the national H<sub>2</sub> network system, Valleys will have access to higher:
  - Flexibility (to cope with fluctuating production and to manage surplus production)
  - Security of supply
  - Diversification of supply
  - Competition on the supply side
- By building national and trans-European networks, additional demand, on top of the already identified demand, will also emerge.





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