



Projects of Common Interest and hydrogen corridors in Europe

December 20, 2024

Many H2 projects have announced their PCI/PMI status...



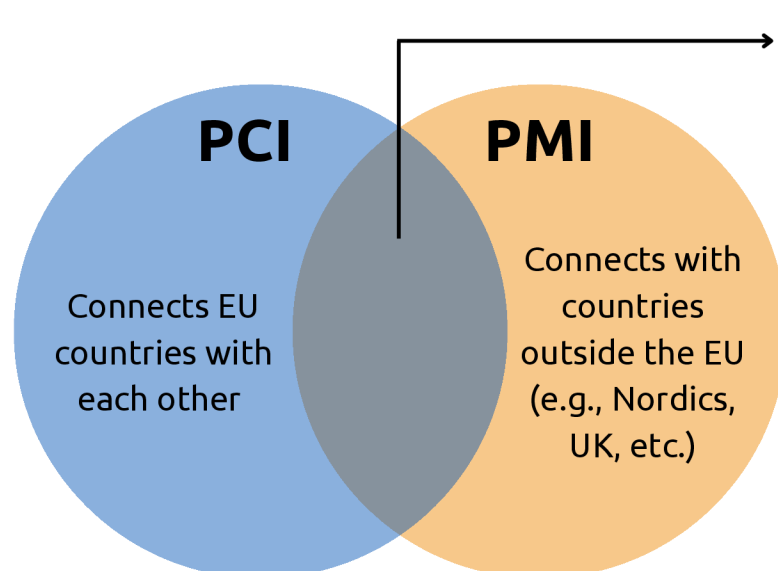
What do they actually mean?

- ➔ **Project of Common / Mutual Interest (PCI/PMI) is a priority status for EU-funded energy infrastructure projects**
- ➔ **Since 2023, 65 hydrogen and electrolyser projects have been selected as PCI**
- ➔ **A corridor consists of multiple hydrogen PCIs that link key supply and demand locations**

A priority status for EU-funded energy infrastructure projects



Projects of Common Interest (PCIs) and **Projects of Mutual Interest (PMIs)** are projects which the EU Commission has identified as a key priority to interconnect the energy infrastructure in Europe



Eligibility

- 1 Electricity and gas infrastructure projects (Hydrogen and electrolyzers added in 2022 thanks to the revised regulation).
- 2 Connecting two or more countries
- 3 Listed in the latest available 10-year network development plan (TYNDP).

PCIs/PMIs benefit from:



Public funding under Connecting Europe Facility (CEF)



Obtaining PCI status is a pre-requisite for accessing CEF-Energy funding, which has a total budget of EUR 5.84 billion between 2021-2027



Accelerated permitting process



Improved regulatory treatment

Geographies and thematic areas defined for PCIs/PMIs



The revised Trans-European Networks for Energy (TEN-E) regulation identifies 3 thematic areas and geographical priority corridors spread across Europe:



Electricity

- Western Europe
- Central and South Eastern Europe
- Baltics



Offshore grid

- Northern Seas
- Baltics
- South and West offshore
- South and East offshore
- Atlantic



Hydrogen interconnectors and electrolyzers

- Western Europe
- Central and South Eastern Europe
- Baltics

The 6th PCI list (2023) in numbers



Among a total of **166** energy infrastructure included in the 6th PCI list, **65** are hydrogen and electrolyser projects, including...

29 hydrogen transmission pipelines

17 electrolyzers

9 ammonia terminals

7 underground storage facilities

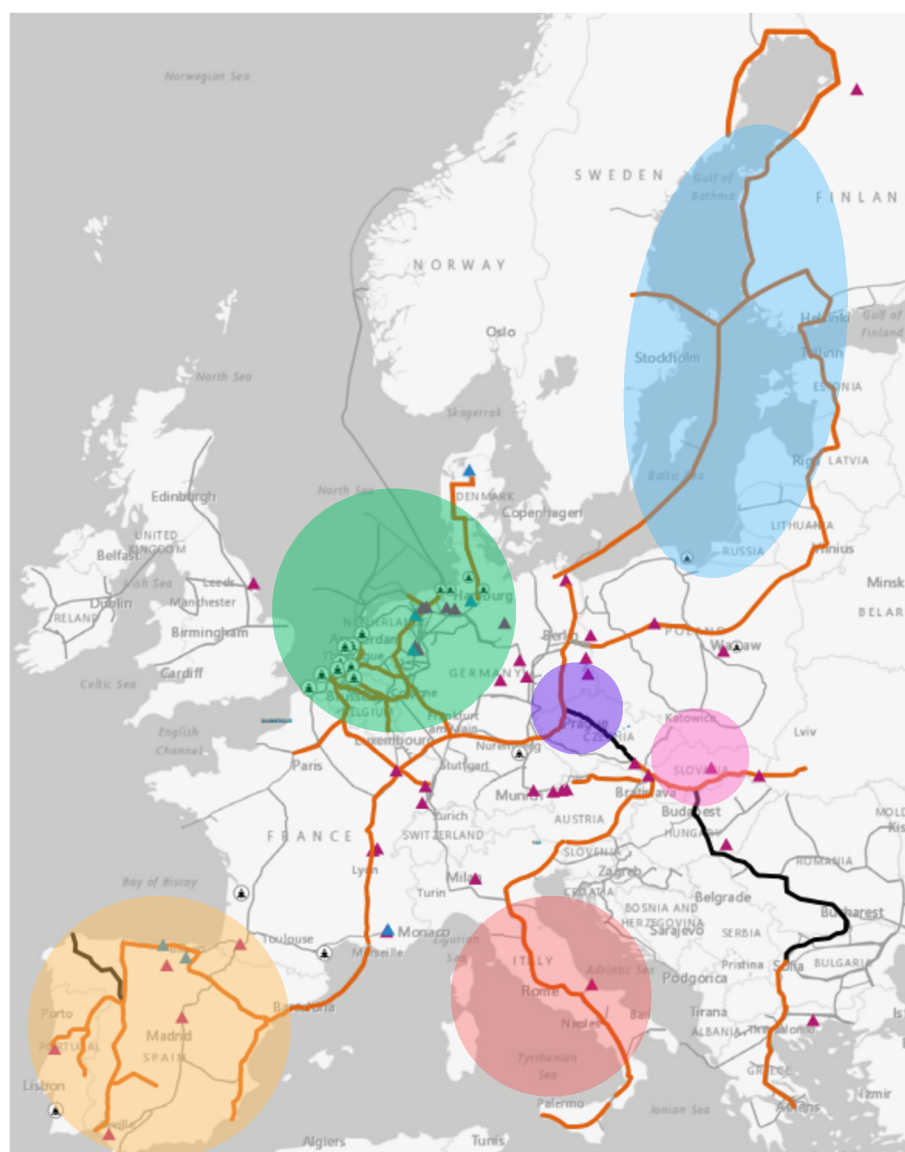
...and 3 other hydrogen assets

Source: European Hydrogen Observatory

Hydrogen corridors as a cluster of PCI/PMIs linking key locations



A **corridor** is a supply route connecting hydrogen production sites (either domestic or abroad) with demand centers within Europe



Majority of projects in H2 corridors are part of the PCI list, highlighting the importance of PCI status for hydrogen infrastructure

- South Central H₂ corridor
- Iberian H₂ corridor
- North Sea H₂ corridor
- Baltic Sea Region H₂ corridor
- Eastern H₂ corridor
- South-eastern H₂ corridor

- STORAGE SITE (Non-PCI)
- STORAGE SITE (PCI)
- PIPELINE (PCI)
- PIPELINE (Non-PCI)
- PIPELINE (Existing)
- TERMINAL

Source: European Clean Hydrogen Alliance
LEARNBOOK: IMPLEMENTATION OF SUPPLY CORRIDORS (2024)



Yamna, green molecules producer, is closely monitoring the PCIs/PMIs list to develop secure H2 supply chain with credible partners in Europe

Looking for a partnership?

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