Press Release

Updated Hydrogen Infrastructure Map shows the progression of hydrogen production and transmission networks

(Brussels, 11 December 2024, PR0330) **The updated Hydrogen Infrastructure Map is now available online and shows the evolving trends for the European hydrogen infrastructure across countries and sectors. Over 100 new projects have been added, including the hydrogen projects that were submitted to ENTSOG's TYNDP 2024.**

"The update of the Joint Hydrogen Infrastructure Map shows the ever-expanding network of hydrogen infrastructure to support the emerging hydrogen market for a decarbonised energy system in Europe."

This interactive tool was created by six industry associations – ENTSOG, GIE, Eurogas, CEDEC, GEODE, GD4S – following the request of the European Commission*. The project information was collected by using a bottom up approach, with data provided by project promoters outlining the status of hydrogen distribution, transmission, import terminals, storage, demand and production towards 2030, 2040 and 2050.

Most notably for this edition of the map, approximately 60 projects representing hydrogen transmission, storage, terminals and production have been included that correspond to new projects submitted to ENTSOG's TYNDP 2024. The map clearly shows the growth and geographical spread of the electrolyser network, while the off-taker projects remain low.

Furthermore, most of the mapped projects state commissioning years of 2030 or before, and new projects are seen for the first time in Bosnia-Herzegovina, Crete, Tunisia, Serbia and many more additional projects are displayed in the Baltic region.

Over 600 hydrogen projects have been submitted by project promoters, since the launch of the map, and it now includes:

- >180 hydrogen transmission projects
- >60 Hydrogen distribution projects
- >80 Hydrogen storage projects
- >30 Hydrogen terminals & ports projects

• >20 Hydrogen demand projects
• >220 Hydrogen production projects

The involved associations are committed to updating the Hydrogen Infrastructure Map twice a year, to ensure that it is a 'living' map comprising the most up-to-date status of the hydrogen projects network.

The next update is planned for Q2 2025.

We invite stakeholders to visit the updated map on the Hydrogen Infrastructure Map website. We welcome any questions or comments via info@H2inframap.eu.

** The was first developed to satisfy the European Commission's request to visualise "all hydrogen infrastructure projects collected under different existing processes in a form of a map" in their conclusions at the 36th European Gas Regulatory Forum in May 2022.*

Contributing organisations:

> **ENTSOG:** The European Network of Transmission System Operators for Gas was founded in line with Regulation (EC) 715/2009 and has played a key role in facilitating integration of the European gas markets, ensuring technical interoperability and providing security of supply by gas infrastructure planning. Looking forward, ENTSOG is contributing to the net-zero decarbonisation by 2050, in particular, 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 – www.entsog.eu or contact info@entsog.eu.

> **CEDEC:** CEDEC is the European Federation of local energy companies, representing the interests of 2000 local and regional energy and broadband companies across Europe, serving 100 million electricity, gas and district heating customers and broadband connections. Active in every part of the value chain - generation, distribution grids and supply - these companies provide services which are reliable, sustainable and close to the consumer, making a significant contribution to local and regional economic development.

> **EUROGAS:** Founded in 1990, Eurogas is an association of over 100 companies and associations, spanning the entire length of the gases value chain. Its purpose is to accelerate the transition to carbon neutrality through dialogue and advocacy about optimising the use of gas and gaseous fuels. Eurogas members cover wholesale and retail gas markets, the distribution of natural renewable and low carbon gases and their derivatives and the use of gas in transport. Eurogas also represents technology providers including companies active on value chain methane emissions management.

> **GD4S:** Gas Distributors for Sustainability represents the leading natural gas distributors in France, Greece, Italy, Ireland, Spain, Portugal, the Netherlands and Romania. Together, we represent almost 35 million customers in Europe (more than 30% of the European market). Gas distributors are responsible for operating the gas distribution network, ensuring its maintenance, and its development. We are responsible for safely distributing natural and renewable gas to consumers.

> **GEODE:** GEODE is a European association representing local energy companies operating electricity and gas distribution networks committed to a sustainable, efficient and reliable management of the grids as the backbone of the energy system. Thanks to the technical expertise of its members, GEODE's mission is to accomplish the energy transition towards decentralised, decarbonised and digitalised energy systems.

> **GIE:** Gas Infrastructure Europe (GIE) represents gas and hydrogen transmission, storage and terminal infrastructure operators. Their members work and innovate with natural, renewable and

low-carbon gases, including hydrogen, biomethane and CCUS technologies. Gathering around 70 European companies, GIE embodies multiple transitional decarbonisation pathways of the EU regions. By 2050, the role of the gas infrastructure will evolve to enhance decarbonisation while securing Europe's supply via integrated solutions.