

Europe Accelerates Energy Connectivity: Hydrogen and CO₂ Infrastructure Take the Lead

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The European Commission has adopted a new list of 235 cross-border energy projects, granting them the status of Projects of Common Interest (PCIs) and Projects of Mutual Interest (PMIs). This designation unlocks access to EU funding through the Connecting Europe Facility (CEF) and streamlines permitting processes, supporting the rapid deployment of critical energy infrastructure.

Gas Infrastructure Europe (GIE) welcomes the new PCI and PMI list, which highlights the relevance of developing infrastructure for hydrogen and CO₂. Of the 235 projects, 100 are dedicated to hydrogen and electrolyser infrastructure, while 17 focus on CO₂ transport and storage. These initiatives are positioned as strategic enablers for a flexible, resilient, and decarbonised European energy system, supporting market development far beyond individual assets. The selected projects will enhance interconnectivity across Europe and with neighbouring countries, improving competitiveness, supporting decarbonization, and strengthening energy security. These efforts are part of the EU's projected €1.5 trillion investment in energy infrastructure between 2024 and 2040.

GIE and its members consider the published list of projects, across vectors, essential for integrating more renewable energy sources, improving market coupling, and enhancing cross-border flexibility. This package accelerates the Energy Union, ensuring energy remains accessible and affordable for both European industries and households.

Recent technical mapping and industry analysis have highlighted the readiness of Europe's gas infrastructure to accommodate renewable and low-carbon gases, such as hydrogen, CO₂ and biomethane.

Lucie Boost, Secretary General of GIE, commented: *"Hydrogen and CO₂ infrastructure are the cornerstone for Europe's energy transition. Without a robust infrastructure for*

hydrogen and CO₂, we risk missing our climate targets and undermining industrial competitiveness. The selected projects are a strong step forward.”

Who is GIE



Gas Infrastructure Europe (GIE) is the association representing the interests of European gas infrastructure operators active in gas transmission, gas storage and Liquefied Natural Gas (LNG) regasification. GIE is a trusted partner of European institutions, regulatory bodies and industry stakeholders. It is based in Brussels, the heart of European policymaking. GIE currently represents 72 member companies from 25 countries. GIE's vision is that by 2050, the gas infrastructure will be the backbone of the new innovative energy system, allowing European citizens to benefit from a secure, efficient and sustainable energy supply.

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