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New MEDREG Gas Infrastructure Map shows transmissions, interconnections, storage capacities and future investment plans in the Mediterranean

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Today, MEDREG published a report that provides an outlook of the gas infrastructure in the Mediterranean region, including interconnection points, cross border transmission pipelines, transmission and Liquefied Natural Gas (LNG) storage capacities, usage of the capacities and future investment plans across MEDREG members. Based on data collected from 14 Mediterranean countries, the Gas Infrastructure Map may guide Members to develop priority and/or potential infrastructure in the natural gas transmission systems, in line with natural gas supply-demand scenarios. The report also includes the technical details for the infrastructure of Croatia, Cyprus, France, Jordan, Malta, Spain and Turkey.

In the context of new gas discoveries and technological development in the drilling process that have shaped the evolving natural gas sector in the Mediterranean region, this study provides an insight not only to regulators but also to policy makers. In addition, it aims to help them understanding the evolution of natural gas markets, and new trends, expectations, as well as barriers that characterise building new infrastructure investment.

The analysis indicates that most countries regulate third party access to LNG terminals and storage facilities as well as the entry and the exit points, with the exception of Egypt, Jordan and Italy. The existing and planned infrastructure projects reflect the interest in LNG projects, particularly in floating storage and regasification units (FSRUs).

The report also unveils the driving forces behind infrastructure investments. MEDREG regulators seek security of supply, market development and regional market integration when investing in interconnections and LNG facilities.

In terms of barriers affecting the investment plans, MEDREG Members indicated the insufficient market demand as the biggest one, followed by the financial feasibility of the projects and the expected revenues. Regulatory and legal obstacles are also considered by countries that are newly starting or have recently started to regulate the gas markets, such as Jordan, Israel and Egypt.

When comparing the pipeline lengths of the selected members with benchmarked EU countries, the annual consumptions per length of transmission pipeline differs greatly. The leader among MEDREG countries with respect to unit consumption per network length is Jordan with 8 mcm/km, followed by the UK and Egypt, which can be considered as having efficient transmission systems.

Looking at LNG and storage capacities versus demand, Spain, Portugal, Italy and France are the most secure countries to respond to peak demand and crisis, while Turkey and Egypt have the lowest send-out/peak demand ratios.

With this study, MEDREG aims to pave the way for better communication and cooperation between the neighbouring countries, and may update it in the future, given the considerable recent developments witnessed in the infrastructure investments, particularly with regard to LNG terminals and FSRUs, as well as the fluctuations in the demand structures.
MEDREG is the Association of Mediterranean Energy Regulators, which brings together 25 regulators from 21 countries, spanning the European Union (EU), the Balkans and North Africa. Mediterranean regulators work together to promote greater compatibility of the regional energy markets and legislation, seeking progressive market integration in the Euro-Mediterranean basin. Through constant cooperation and information exchange among members, MEDREG aims at fostering consumer rights, energy efficiency, infrastructure investment and development, based on secure, safe, cost-effective and environmentally sustainable energy systems. MEDREG acts as a platform providing information exchange and assistance to its members as well as capacity development activities through webinars, training sessions and workshops as well as personalised hands-on initiatives. The MEDREG Secretariat is located in Milan, Italy. For more information, visit www.medreg-regulators.org

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