

## WITH ENEL X, ITALY PARTICIPATES IN THE EUROPEAN INTERSTORE PROJECT TO IMPROVE THE EFFICIENCY OF ENERGY STORAGE SYSTEMS

- *The goal is to develop software that simplifies the management of energy storage systems, making them more efficient in industrial and residential settings*
- *Aside from Enel X, the project involves a total of 12 industrial and research partners from various countries, including Belgium, Germany, Austria, Italy, Slovenia, Spain and Portugal*

**Rome, May 30<sup>th</sup>, 2023** - Enel X is involved in the European InterSTORE project, which is aimed at testing and developing innovative open-source software that will optimize the management of energy storage processes, leading to improved energy efficiency in private homes and industries.

InterSTORE (Interoperable open-source Tools to Enable hybridisation, utilisation, and monetisation of storage flexibility) is a EU-funded project that is part of the Horizon Europe program, with a total budget of more than 3.5 million euros. It entails developing an IT architecture that will simplify the integration of energy storage systems in industrial and residential settings, making them more efficient by using artificial intelligence technologies and through data interoperability. Aside from Enel X, a total of 12 partners from various countries are also involved in the project, including Belgium, Germany, Austria, Italy, Slovenia, Spain and Portugal.

*“It is now more urgent than ever to streamline energy storage processes, and we must be prepared to take on this challenge in order to carry out the energy transition and fully embrace a circular mindset. Enel X has been working on developing solutions to improve the efficiency of storage systems for quite some time now: our participation in this major European project proves once again that we are a leading player in Europe in this field too,”* says **Francesco Venturini**, CEO of Enel X.

As part of this project, Enel X will be creating software that can predict and monitor energy consumption and optimize the integrated management of energy storage systems and distributed renewable generation systems, such as photovoltaic plants, charging systems and electricity loads, in both industrial and residential settings.

The software will be tested at the state-of-the-art X Lab in Rome, which is part of an extensive global network of Enel Hub&Labs located all around the world, which was specifically set up to develop and test cutting-edge technologies designed to accelerate the energy transition process.

The InterSTORE project will consist of multiple stages and the software is expected to be released by the end of 2025.

The project forms part of a larger series of R&D activities undertaken by Enel X in Europe, aimed at devising new solutions and business models that promote energy efficiency.



**Enel X Global Retail** is the Enel Group's global business line operating in the field of energy supply and energy management services. World leader in the development of innovative solutions dedicated to accompanying residential consumers, businesses and municipalities throughout the energy transition, Enel X Global Retail offers an ecosystem of modular and integrated products and services, built around customer needs, promoting the electrification of uses and digitalization. Enel X Global Retail manages demand response services with a total capacity of 8.1 GW and has installed 76 MW of behind-the-meter storage as well as over 3 million light points worldwide. Furthermore, it supplies energy to around 67 million customers every day. The Enel X Global Retail ecosystem of solutions is based on a platform business model that includes assets for optimizing and self-producing energy, premium energy efficiency and management solutions as well as competitive and flexible offers, with the aim of helping the customer to define their energy roadmap, accompanying them from the initial consultancy to the implementation of the solutions.