PRESS
RELEASE

ENEL GREEN POWER AND SAPIO SIGN AN AGREEMENT TO SUPPLY GREEN HYDROGEN PRODUCED BY NEXTHY IN SICILY

- *This green hydrogen will be produced at the Sicilian industrial plant, an innovative hub that puts technology at the service of the energy transition*

Rome, April 13th, 2022 - Activating a supply of green hydrogen produced using renewable energy from the Carlentini wind farm in eastern Sicily is the focus of the agreement signed by Enel Green Power and Sapio. The agreement provides for the sale to Sapio of the green hydrogen that will be produced, stored and made available from 2023 at the Carlentini and Sortino production sites, home to Enel Green Power's futuristic NextHy innitiative. Sapio will be responsible for developing the market and handling the distribution of renewable hydrogen to the end customer.

"In contexts where electrification is not easily achievable, green hydrogen is the key solution for decarbonization as it is emission-free and offers promising development prospects," commented **Salvatore Bernabei**, CEO of Enel Green Power. *"For this reason we are excited about the agreement with Sapio. It is an agreement that looks to the future by combining technological innovation and sustainable production".*

"Sapio is strongly committed to contributing to the EU's achievement of the UN SDGs," commented **Alberto Dossi**, President of the Sapio Group, "and with this project we are taking a firm step towards sustainable development in our country. The agreement with EGP also gives us the opportunity to integrate green hydrogen into our business model, which is based on our strong technological expertise in hydrogen and its distribution over 100 years in business. In this way we will also be able to give further support to the industrial activities we are already carrying out in Sicily".

The estimated 200+ tons of production capacity of the Sicilian hub is the subject of the annual supply foreseen in the agreement. Once fully operational, the green hydrogen will be produced mainly by a 4 MW electrolyzer, which is powered exclusively by the renewable energy of the existing wind farm, and to a lesser extent by the state-of-the-art electrolysis systems tested in the platform. Launched by Enel Green Power in September 2021, NextHy's Hydrogen Industrial Lab is a unique example of an industrial laboratory in which production activity is constantly accompanied by technological research. In addition to the sectors reserved for full-scale production, there are also areas dedicated to testing new electrolyzers, components such as valves and compressors, and innovative liquid and solid storage systems based on liquid and solid means of storage: in line with Enel's open-ended approach, this activity will be open to the collaboration of more than 25 entities including partners, stakeholders and innovative startups. The entire complex is currently undergoing an environmental impact assessment at the Sicily Region's Department of Land and Environment.

It is an ambitious project with a sustainable energy source at its heart that will be developed at every link in the chain: thanks to the agreement with Sapio, in fact, at NextHy green hydrogen will now not only be produced, stored and moved on an industrial scale, but also purchased and used by companies that have

understood that green hydrogen is the solution for decarbonizing their production processes. In this context, this experimental approach that is open to external contributions will allow the Enel Green Power laboratory team to test the project on an industrial scale, so as to create the best conditions for a commercial environment that can make the most of all present and future technologies for the generation, storage and transport of green hydrogen. It is an initiative consistent with Enel's Open Innovability® spirit: meeting the challenges of the energy transition by focusing on innovation, ideas and their transformation into reality.

Enel Green Power®, within the Enel Group, develops and operates renewable energy plants worldwide and is present in Europe, the Americas, Africa, Asia and Oceania. A world leader in clean energy, with a total capacity of around 54 GW and a generation mix that includes wind, solar, geothermal, and hydroelectric power, as well as energy storage facilities, Enel Green Power is at the forefront of integrating innovative technologies into renewable energy plants.

The Sapio Group, founded in 1922 and headquartered in Monza, operates in the industrial and medical gas sectors and in homecare throughout Italy and abroad in France, Germany, Slovenia, Turkey and Spain. With a turnover of more than €700 million and 2,250 employees, it produces, develops and markets gases, innovative technologies and integrated services for the industrial sector. Sapio is an active member of the national hydrogen association H2IT and the Clean Hydrogen Alliance. Technical gases are used in every production sector, from agri-food to environment and energy, from chemical-pharmaceutical to electronics, from mechanics and metallurgy to glass and cement. In the health sector, the production and supply of medical gases for hospitals and social care facilities is complemented by the provision of medical devices, integrated home care and palliative care.

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