



GREEN ENERGY STORAGE (GES) AND DE NORA TOGETHER TO ACCELERATE THE DEVELOPMENT OF HYDROGEN BATTERIES

Green Energy Storage S.r.l. (GES) and Industrie De Nora S.p.A. (De Nora), an Italian multinational company listed on Euronext Milan, specialised in electrochemistry and leader in sustainable technologies for the Green Economy, have signed a partnership for the realisation of a testing, development and optimisation platform for the prototype of the hydrogen battery patented by GES, already validated in the laboratory and in the pre-industrialisation phase.

GES is an innovative SME specialising in the battery sector with a revolutionary 100% green, hydrogen-based hybrid gas/liquid technology platform. Its aim is to create a new generation of batteries that are non-toxic, safe, that operate at room temperature and consist of readily available materials. In this regard, GES has recently received from the European Union and the Italian government, with the signing of the Decree of Grant by the Ministry of Economic Development, access to funds for 53 million euro for the IPCEI Batteries 2 project, dedicated to the research and development of innovative solutions along the entire battery value chain.

Among the objectives of the new GES/De Nora partnership: to maximise battery performance in terms of power, density and life cycle with increasingly high-performance and economically sustainable components; to strengthen and optimise the mutual exchange of industrial expertise on the one hand and research and development on the other; to speed up GES technology roadmap and accelerate the timeframe for the pre-commercial validation of the hydrogen battery.

The agreement also aims to develop a shared path that can lead GES to the final leap of its technological maturity and De Nora to a position in the growing market of storage. For GES, the project is part of a broader R&D framework that also makes use of a solid network of industrial partnerships

"We are proud to be able to announce this collaboration with an authoritative and recognised leader such as De Nora, a made-in-Italy multinational, a reference point in sustainable technologies and in the emerging green hydrogen industry," emphasises Salvatore Pinto, president of Green Energy Storage. "We thus consolidate our integrated research roadmap with industrial partnerships, in this case on electrolyte and catalyst components. Furthermore, we toast this first step with the goal that the agreement with

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De Nora is only the beginning of a long and solid collaboration for many aspects of our technology."

"Hydrogen is central to European and global energy transition and we need to accelerate the development of the most promising technologies to industrial scale. In partnership with Green Energy Storage, De Nora will contribute to the consolidation of this revolutionary technology with its 100 years of experience as a technology leader in the electrochemical industry and the start-up enthusiasm that sets us apart," says Christian Urgeghe CTO of De Nora.

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