

**Press release Paris
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Corsica Sole, Enapter, and HENSOLDT Nexeya France announce a unique partnership in Corsica aimed at converting surplus solar energy into hydrogen

Corsica Sole, an independent solar energy producer and one of Europe's leading energy storage companies, has announced the signing of a strategic partnership with Enapter, a German manufacturer of electrolysers, and HENSOLDT Nexeya France, the French subsidiary of the international HENSOLDT group, which specializes in the integration of complex energy systems.

The aim of this project is to make available to the Corsican region, in the form of hydrogen, part of the surplus renewable energy produced by the Folelli solar power plant when it is not being used, making this project a first in France.

Preparation of the Folell'Hy site will begin at the end of 2024, with commissioning announced for the first half of 2025



From left to right: Mikaël Thiesse (Corsica Sole), Jean-Gabriel Steinmetz (Corsica Sole), Aurélie Covilette (HNF), Kévin Marchand (HNF), Rodolphe Saffier (HNF)

A 100% European partnership to accelerate the local energy transition

Corsica Sole plans to convert surplus solar energy from the Folelli power plant into hydrogen, offering an innovative solution for utilizing surplus energy that was previously lost. This

project uses electrolyzers supplied and manufactured in Italy by Enapter and draws on the expertise of HENSOLDT Nexeya France for their turnkey integration with hydrogen compression and conditioning equipment in mobile tanks.

The Folell'Hy project, whose first renewable hydrogen production and conditioning unit will be launched in the second half of 2025, aims to produce 2 tons of hydrogen per year. The entire system will be directly connected to the existing Folelli solar power plant (12 MWp) and will have a storage capacity of approximately 100 kg of hydrogen.

In practical terms, this initiative will initially serve to meet the energy needs of the Bastia maritime vocational high school, as part of a partnership between the school and Corsica Sole. The high school, which recently invested in the acquisition of a ship to train future maritime professionals, will now be able to power it with hydrogen! The Folell'Hy project will ultimately promote the emergence of new uses and gather feedback from all stakeholders with a view to rolling out future projects with greater capacity.

This is a 100% European partnership, embodying the technological expertise of three companies committed to the European energy transition. Folell'Hy marks a significant step in the process of achieving energy independence for Corsica by 2050, while offering a sustainable and innovative alternative through the use of renewable energies by local players.

“Thanks to this innovative project, Corsica Sole is positioning itself as a key player in the decarbonization of Corsica and, more broadly, the country. Fifteen years after installing our first solar panels for farmers on the island, it was obvious to us that we should continue our work to develop the region where we were born. Hydrogen is now an exceptional asset that can be stored, transported, and used. With the expertise of our European partners HENSOLDT Nexeya France and Enapter, we are ensuring that we have cutting-edge technology that is unique in the hydrogen refueling and storage market” explains **Jean-Gabriel STEINMETZ, Director of New Markets at CORSICA SOLE.**

For **Antony Roubin, Director of Energy Systems/Hydrogen at HENSOLDT Nexeya France**, “Folell'Hy allows HENSOLDT to deploy its expertise as an integrator of critical energy systems for the benefit of an innovative project that will make a tangible contribution to the development of green hydrogen uses in Corsica. The trust placed in HENSOLDT by Corsica Sole on this project perfectly reinforces our commitment to supporting the transformation of the European energy landscape with efficient, clean, and sustainable energy management solutions.”

Converting solar energy into hydrogen: an innovative step towards energy self-sufficiency in Corsica

The Folell'Hy project will convert surplus solar energy into renewable hydrogen using Enapter electrolyzers with a total production capacity of 30 Nm³/h, store it and make it available to users after conditioning it in transportable tanks at 200, 300 or 500 bar. The hydrogen generated offers significant flexibility of use, as it can be used to power various applications such as heavy maritime mobility, hydrogen generators, and perhaps soon

thermal power plants. This versatility helps to create an energy solution that can be adapted to the island's fluctuating needs, strengthening its energy independence. Converting surplus solar energy into hydrogen solves the problem of intermittent solar power generation by allowing stored energy to be used even when there is no sunlight, thereby enhancing the stability of the energy supply.

“Avoiding the loss of surplus renewable electricity, as Folell'Hy aims to do, is one of the greatest challenges and opportunities of the energy transition. Enapter's AEM electrolyzer technology is ideally suited to convert intermittent renewable energy into green hydrogen. We are delighted to be part of this effort by maximizing clean energy production and replacing production limitations. Together with Corsica Sole and HENSOLDT Nexeya France, we look forward to piloting and demonstrating an innovative solution that strengthens renewable energy production capacities in island regions” said **Jürgen Laakmann, CEO of Enapter.**

Folell'Hy is therefore a commercial pilot project in which the three players are undoubtedly paving the way for future larger-scale initiatives, promoting the emergence of new uses and strengthening the local hydrogen ecosystem. Corsica Sole is also positioning itself as a pioneer in the hydrogen sector in Corsica, working to increase the island's energy self-sufficiency.

By exploiting local energy resources, such as the sun, to produce hydrogen, the island is reducing its dependence on energy imports. This strategy increases its resilience to price fluctuations on global energy markets, ensuring long-term energy supply stability.

About CORSICA

SOLE CORSICA SOLE is an independent solar energy producer and a leader in energy storage in Europe. The rapidly growing company currently has more than 125 MWp of photovoltaic power plants and more than 160 MWh of energy storage facilities in operation. It is developing a portfolio of solar projects totaling more than 3 GW. Corsica Sole is also expanding into the field of renewable hydrogen production. A specialist in island areas since 2009, Corsica Sole develops, builds, finances, and operates its own projects in France and Europe. Corsica Sole deploys its expertise to provide, through renewable energies and technological innovation, a relevant response to the energy transition to combat climate change.

For more information, visit <https://corsicasole.com/> Follow us on LinkedIn: www.linkedin.com/company/corsicasole on X (formerly Twitter): @CorsicaSole and on our YouTube channel: @corsicasole

About Enapter

Enapter is an innovative energy technology company that manufactures highly efficient hydrogen generators—called electrolyzers—to replace fossil fuels and drive the global energy transition. Its patented and proven anion exchange membrane (AEM) technology enables the mass production of cost-effective, plug-and-play electrolyzers for green hydrogen production at any scale and anywhere. Its modular systems are already being used by more than 340 customers in over 50 countries in the energy, mobility, industry, heating, and telecommunications sectors. Enapter is headquartered in Germany and has an R&D and production site in Italy. Enapter AG is listed on the regulated market of the Frankfurt and Hamburg stock exchanges, WKN: A255G0, ISIN: DE000A255G02.

About HENSOLDT Nexeya France HENSOLDT

Nexeya France is a French BITD (Defense Industrial and Technological Base) company that develops solutions, products, and services in the field of critical electronics for the aeronautics, naval, energy, transport, and defense sectors. In France, together with HENSOLDT France SAS, an expert in IFF (Identification Friend or Foe) solutions, cybersecurity, and cryptography, the company has 700 employees at 15 sites covering the entire country, as well as three sites abroad. It generated revenue of more than €120 million in 2023.

Since 2019, the company has been part of the international HENSOLDT Group.
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