

## Repsol and Navantia jointly explore renewable hydrogen generation opportunities

- **Navantia's Turbine Factory in Ferrol** will start up an **electrolyzer production line**.
- **Repsol** will contribute its industrial capabilities to the **development of the renewable hydrogen value chain** and promote its use in different sectors.
- **The two companies have signed a collaboration agreement** in the presence of Francisco Conde, Vice President of the Xunta de Galicia and Regional Minister, and Raúl Blanco, Secretary of State for Industry, as well as various institutional representatives.
- **Both entities are promoters of the SHYNE (Spanish Hydrogen Network) consortium**, the largest consortium in Spain to promote renewable hydrogen with the goal of driving the decarbonization of the economy through this energy of the future, key to the energy transition.

Repsol and Navantia Seanergies, Navantia's green energy division, have signed a collaboration agreement to jointly explore business opportunities in renewable hydrogen production in Spain.

Tomás Malango, Hydrogen Director of Repsol and Javier Herrador, Director of Navantia Seaenergies, signed the agreement in the presence of Francisco Conde, Vice President of the Xunta de Galicia and Regional Minister of Economy and Industry, Raúl Blanco, General Secretary for Industry and SMEs, Juan Abascal, Executive Director of Industrial Transformation and Circular Economy of Repsol and Ricardo Domínguez, President of Navantia.

The event was also attended by Jose Miñones, the Government delegate in Galicia, Ángel Mato, mayor of Ferrol, Valentín González Formoso, president of the Provincial Council of A Coruña and María Rivas, subdelegate of the Government in A Coruña, among other authorities and representatives of business and social entities.

The signing took place at Navantia's Turbine Factory in Ferrol, a center that will play a key role in this agreement. The two companies have agreed to combine knowledge and efforts for the industrial development of renewable hydrogen. On the one hand, Navantia Seaenergies has announced the start-up of an electrolyzer production line at its Turbine Factory in Ferrol. On the other hand, Repsol will promote the installation of this equipment for the production of renewable hydrogen in its ambition to lead the market in the Iberian Peninsula and thus reach its capacity targets, set at 1.9 GW in 2030.

In this way, both entities seek to position Spain as an international leader in the production of renewable hydrogen, while also contributing to reindustrialization, quality employment and economic development in the country.



Juan Abascal, executive director of Industrial Transformation and Circular Economy, stated that "at Repsol we are convinced that initiatives like this are essential to accelerate the deployment of the hydrogen economy in Spain and Europe from a leadership position. This reinforces our commitment to the transformation of the industry through the development of capabilities associated with key technologies to achieve climate neutrality".

"Navantia Seanergies is committed to a model of collaboration and partnership with leading companies in both offshore wind and hydrogen, an energy vector that offers enormous possibilities for decarbonizing the economy and committing to sustainable growth. The manufacture of electrolyzers to produce hydrogen is a new business opportunity with great potential for our Turbine Factory", said Javier Herrador, director of Navantia Seanergies.

Repsol is currently the leading producer and consumer of hydrogen on the Iberian Peninsula, and has renewable hydrogen as one of its key transformation pillars for achieving its goal of being a company with zero net emissions by 2050. The multi-energy company has its own renewable hydrogen strategy to deploy projects throughout the value chain, with a planned investment of 2,549 million euros by 2030.

Navantia Seanergies develops its activity around two main axes: infrastructures for offshore wind energy and the development of hydrogen as an energy vector. In the latter field, Navantia Seanergies seeks to become a benchmark company in the field of decarbonization of the maritime and naval sector, offering low-emission propulsion solutions (in the short and medium term) and zero emissions in the long term, and to establish itself in the hydrogen value chain through the manufacture of components (such as electrolyzers, a key element to ensure the sustainable development of this technology), and the industrialization of generation plants, either in a coastal or offshore environment.

In the last year, Navantia's Turbine Factory has developed a process of modernization and digitalization of its production processes with the implementation of a Smart Factory model that will allow it to improve its efficiency and competitiveness. This project is an opportunity to leverage its experience and high level of qualification in the framework of large assemblies and machining, and to advance in its incorporation to the development of hydrogen, with growth expectations far above the majority of industrial sectors.

This agreement is in addition to other collaborations between Navantia and Repsol in the field of decarbonization and green energies. Together they are already working on the evolution of the behavior of new liquid fuels with a low carbon footprint (advanced biofuels and synthetic fuels) developed by Repsol, to be tested in the engines manufactured by Navantia at its Engine Factory in Cartagena, as well as in the framework of sustainability within the ESG (environmental, social and corporate governance) commitments that the two Spanish companies are promoting.

Both companies are also linked within the framework of the SHYNE initiative, the multi-sectoral consortium, led by Repsol, which was presented on January 19 and brings together a total of 33 companies, associations, technology centers and universities to promote the decarbonization of the economy through renewable hydrogen, and where Navantia plays an important role as Promoter, driving the naval sector to promote this technology.

Navantia and Repsol are leading companies that are strongly committed to sustainability and the energy transition. Committed to society and the environment, Navantia as a public company and industrial and technological driving force, promotes collaborative initiatives for the development of projects aimed at the



energy transition, decarbonization and digitalization of the naval sector and the Spanish production model, contributing to the fulfillment of sustainable development objectives agreed in the European Green Deal, as well as to the recovery of the Spanish economy with the generation of growth and quality employment.

### **About Navantia Seanergies**

Navantia Seanergies is the division created by Navantia to contribute to the development of green energies, through the construction of elements for offshore wind energy parks and the development of hydrogen as an energy transport vector. Navantia Seanergies, which was born from the synergies with the other divisions of the public shipbuilding and high-tech systems integration company, is a provider of all types of foundation solutions for offshore wind farms and substations, and represents a solid industrial ally, with proven experience, innovation capacity, modern facilities and a consolidated value chain at the service of the energy transition.

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