



| Press Release  
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## pHYnix selects Cummins as electrolyser supplier for Vitale, its 10 MW renewable hydrogen production plant

- Vitale will have a production capacity of 4.3 tonnes of hydrogen per day. The plant located in Alcázar de San Juan has just broken ground and is scheduled to start operations in early 2024.
- Vitale is one of the first European renewable hydrogen production facilities and the first in Spain that will have different applications at commercial scale: direct supply to local industry, transport and mobility through a distribution network of Hydrogen Refuelling Stations (HRS), and grid injection into the gas infrastructure through blending.

pHYnix, an independent renewable hydrogen producer, has selected Cummins to supply the proton exchange membrane (PEM) electrolyser system for its future centralised hydrogen plant. The system will be comprised of a transformer, rectifier, purification unit, and two Cummins HyLYZER®-1000s that each produce 5 MW. This electrolyser technology is designed for interconnectivity to scale up and is currently operating successfully in Canada.

The electrolyser to be supplied by Cummins will have a production capacity of 4.3 tonnes of hydrogen per day at the Vitale plant in Alcázar de San Juan (Ciudad Real, Spain). Delivery of the equipment is scheduled for the end of 2023, which will guarantee the start-up of the plant at the beginning of 2024. This project complements the initiative being developed by Cummins in Guadalajara (Spain), where an electrolyser production facility has been announced.

**pHYnix President, Jean-Pierre Riche**, underlined the importance of this agreement: *"Cummins is a partner with proven expertise manufacturing electrolysers that will guarantee pHYnix the supply of the heart of Vitale plant. We are getting closer and closer to producing the renewable hydrogen needed to decarbonise the most challenging sectors: industry and transport and doing our bit to reach the ambitious European sustainability targets".*

**Cummins Vice President of Electrolysers, Alexei Ustinov**, was also pleased to count a company like pHYnix among its customers. *"The market for clean energy continues to thrive and we are excited to partner with pHYnix to expand the green hydrogen economy in Spain and Europe. Cummins' PEM electrolyzer technology can meet the growing demand for hydrogen generation and has the ability to scale up production as we move toward a more sustainable*



*future. We are proud to be at the forefront of providing zero-carbon options for innovative companies like pHYnix and look forward to working together as the clean energy transition continues across Europe.”*

Vitale will be one of the first renewable hydrogen production plants in Europe and the first in Spain on a commercial scale with different applications. The sale of the renewable gas will be destined, not only to local industrial players through direct supply, but also to the logistics and heavy transport sectors, as well as to urban and interurban transport in the Community of Madrid through HRS (Hydrogen Refuelling Station). In addition, a percentage of the production will be injected into the gas grid to be exported to the European market (gas blending).

Vitale will start construction by the end of 2022 and will produce 1,450 tonnes of renewable hydrogen per year from 2024. Thanks to this, pHYnix will meet its objectives of distributing green hydrogen in Spain and contributing to the decarbonisation of the most critical sectors: industry and transport.

### About pHYnix

pHYnix is an independent European company dedicated to the development, construction and commercial operation of renewable hydrogen generation plants, with teams and business spread across France, Spain and Portugal. pHYnix is a subsidiary of EverWatt, an integrated player specialised in energy management and the decarbonisation of territories, whose majority shareholder is Transition Evergreen, the first listed investment fund in France dedicated to the ecological transition and the reduction of the carbon footprint.

pHYnix contributes to the energy independence of territories and countries and to the energy transition of its customers, achieving for them the decarbonisation of their activity, a competitive migration and the supply of green hydrogen. [www.phynix-energy.eu](http://www.phynix-energy.eu)

### About Cummins

Cummins Inc., a global power technology leader, is a corporation of complementary business segments that design, manufacture, distribute and service a broad portfolio of power solutions. The company's products range from internal combustion, electric and hybrid integrated power solutions and components including filtration, aftertreatment, turbochargers, fuel systems, controls systems, air handling systems, automated transmissions, electric power generation systems, microgrid controls, batteries, electrolyzers and fuel cell products.

Headquartered in Columbus, Indiana (U.S.), since its founding in 1919, Cummins employs approximately 59,900 people committed to powering a more prosperous world through three global corporate responsibility priorities critical to healthy communities: education,



environment and equality of opportunity. Cummins serves its customers online, through a network of company-owned and independent distributor locations, and through thousands of dealer locations worldwide and earned about \$2.1 billion on sales of \$24 billion in 2021. [www.cummins.com](http://www.cummins.com)

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