

**PRESS RELEASE**

# H-TEC SYSTEMS to deliver PEM electrolyzer to Spanish project developer SailH2

*The hydrogen production plant with 1 MW capacity will be used in an innovative H2 pilot project in the city of Sevilla.*

## Augsburg | February 13, 2024

A 1MW PEM electrolyzer ME450 of the German electrolyzer manufacturer H-TEC SYSTEMS will be utilized in the strategic green hydrogen pilot project "HUB LA ISLA H2" in the region of Sevilla, Andalusia by SailH2. The Spanish green hydrogen project developer will invest 25 million Euro into building a pilot center for the production and distribution of green hydrogen and has ordered the ME450 PEM electrolyzer to produce up to 136 tons of green H2 per year in combination with a 1,5 MW PV plant in the first phase of the project.

The pilot project will be the first commercial hub of green hydrogen in Andalucía and will be located at the industrial site Poligono Industrial Isla in Dos Hermanas, a city district of Sevilla. H-TEC SYSTEMS will deliver the electrolyzer in September 2024, while the overall site construction works will be finalized by Q3 2024.

The innovative project "HUB LA ISLA H2" will examine a variety of different applications for green hydrogen, such as power-to-mobility, power-to-industry, and power-to-gas in the 4 to 20 MW range. The H-TEC SYSTEMS PEM electrolyzer will be applied in the initial phase of the green hydrogen hub "Phase 1 Power-to-Mobility", including a production capacity of 1 MW of green hydrogen. The green hydrogen is intended for use in mobility applications, such as fueling light and heavy vehicles as well as for industrial mobility applications, e.g. for fueling forklift trucks. An essential element is the construction and operation of a hydrogen refueling station (dual dispenser 350 bar and 700 bar) coupled with the deployment of hydrogen tube trailer vehicles.

During this initial project phase, SailH2 with the support of Agencia IDAE through the Moves Singulares II grant, will combine 1 MW of hydrolysis power with 1,5 MW photovoltaic power,

**H-TEC SYSTEMS GmbH**

Alois-Senefelder-Allee 1 • 86153 Augsburg • Germany • T +49 821 507697-0 • Fax +49 821 507697-899 • [info@h-tec.com](mailto:info@h-tec.com) • [www.h-tec.com](http://www.h-tec.com)

Geschäftsführer / Managing Directors: Robin von Plettenberg • Markus Weber • Marius Zasche • Michael Meister

Commerzbank München • Kto.-Nr. / Acct.-No. 0130206600 • BLZ / Bank Code 70040041 • IBAN DE86 7004 0041 0130 2066 00 • SWIFT/BIC COBADEFFXXX

HR/CR Augsburg • HRB 33998 • USt.-ID-Nr. / Tax ID No. DE 185 367 436

Informationen zum Datenschutz / Privacy Information: [www.h-tec.com/datenschutzerklaerung](http://www.h-tec.com/datenschutzerklaerung)

produced at a near-site PV plant. The hydrogen plant utilizing the PEM Electrolyzer will produce up to 136 tons of green H<sub>2</sub> per year. This will help to reduce the CO<sub>2</sub> emissions in the region by more than 3.500 tons. After the successful completion of phase 1, in 2025, phase 2 will explore the production and distribution of 680 tons of H<sub>2</sub> for decarbonizing local industrial production processes with an electrolysis power of 5MW.

"We chose the ME450 PEM electrolyzer for our project because it is a proven product with best-in-class performance that eliminates the risk of power supply fluctuations in our project. With its strong technology and service capacities through the international service network of MAN, H-TEC SYSTEMS is the most competent and reliable partner for the next phases of our project," explains Eduardo Almagro, CEO of SailH<sub>2</sub>, and CEO of H<sub>2</sub>Green La Isla.

"In the innovative regional hydrogen hub project, our electrolyzer is used to supply local mobility projects for decarbonizing the industry. We are very pleased to be a technology partner for this future-oriented project and to actively contribute to the energy transition in Spain," said Jorge Menéndez García, Sales Manager at H-TEC SYSTEMS.

## About H-TEC SYSTEMS

**H-TEC SYSTEMS** stands for innovation, sustainability, and a green future. As a technological pioneer, the company develops and manufactures innovative PEM electrolyzers and electrolysis stacks, enabling cost-effective, efficient, and reliable production of green hydrogen. H-TEC SYSTEMS' vision is clearly defined: to use their electrolyzers to avoid 1% of global greenhouse gas emissions, making a significant contribution to climate protection. H-TEC SYSTEMS has been active in the hydrogen industry for over twenty-five years and operates at two locations in Germany and one in Houston, USA. As part of MAN Energy Solutions, the company combines the strengths of an independent, flexible structure with the industrial experience and customer access of MAN ES, along with the expertise in series production and supply chain management of the Volkswagen group and thereby provides the key technology for the Power-to-X value chain.

Further information: [www.h-tec.com](http://www.h-tec.com)

## About SailH2

SailH2 is a large project developer company specializing in the development (Engineering & Construction, Operation & Maintenance and Development) of green hydrogen production plants from renewable energy. The leaders of the company have more than 30 years track record in renewable hydrogen, hydrogen technology and fuel cell projects and pioneered the construction of the first renewable hydrogen production plant in Spain (and second in Europe), in 1991. To date, SailH2 holds a portfolio of more than 1 GW development of renewable hydrogen production projects to blend in the transport network and in different distribution networks throughout Spain. Among SailH2's shareholders is the PV construction company ELMYA.

Further information: [www.sailh2.com](http://www.sailh2.com)

Contact: [info@sailh2.com](mailto:info@sailh2.com)

---

## PRESS CONTACT | H-TEC SYSTEMS GmbH

**Carolyn v. Oppen**, Senior Communications Manager:  
[Carolyn.vonoppen@h-tec.com](mailto:Carolyn.vonoppen@h-tec.com) | +49 (0) 821 507697-326  
**Jessica Kuska**, Communications Manager:  
[j.kuska\(at\)h-tec.com](mailto:j.kuska(at)h-tec.com) | +49 (0) 821 507697-146

### GlobalCom PR Network

**Wibke Sonderkamp**:  
[wibke\(at\)gcpr.net](mailto:wibke(at)gcpr.net) | +49 (89) 360 363-40  
**Caroline Hannig-Sachon**:  
[caroline\(at\)gcpr.net](mailto:caroline(at)gcpr.net) | +49 (89) 360 363-42