

## PRESS RELEASE

### Hydrogenious founder Dr Daniel Teichmann receives prestigious Missie H2 Hydrogen medal

**Erlangen, Germany / Amsterdam, The Netherlands, 05. July 2024** - Dr Daniel Teichmann, founder and CEO of Hydrogenious LOHC Technologies, has been honoured with the well renowned Hydrogen Medal by the Dutch organization Missie H2 (Mission H2). This prestigious and independent award recognizes pioneers in the hydrogen economy who have made a significant contribution to the Netherlands' goal of becoming a hydrogen nation by 2030. Hydrogenious' and his own groundbreaking work in the field of hydrogen transportation has earned Daniel Teichmann this distinction, making him the first German CEO to receive the award.

The medal was handed over by Dorine Bosman, Chief Investment Officer of the Port of Amsterdam and Board Member of Missie H2. This initiative is a collaboration between Gasunie, Shell Netherlands, Remeha, Toyota, Port of Amsterdam, Groningen Seaports, Vopak and Eneco. Their common goal: to realize the ramp-up of the hydrogen economy by 2030.

In her laudatory speech, Dorine Bosman emphasized the importance of LOHC technology for the Netherlands and the EU: "The Mission H2 jury believes that with his innovative and easily applicable technology for transporting and storing hydrogen in a liquid organic carrier, Daniel Teichmann lays the foundation for an extremely reliable and efficient global distribution of hydrogen. This can significantly boost the EU's import strategies, especially for the Netherlands, which sees itself playing a major role as a future hydrogen hub for Northwest Europe."

Daniel Teichmann expressed his gratitude: "It is a great honour for me to receive this award – personally and on behalf of my company and its highly engaged employees. The Netherlands play a pivotal role in supplying hydrogen to mainland Europe and our technology makes an important contribution to the goal of the energy transition and decarbonizing the industry. We are proud that our efforts have been recognized by the Hydrogen Medal and would like to express our sincere thanks."

The award ceremony took place during the H2A Association's annual symposium at the Port of Amsterdam, where industry leaders gathered to discuss advances in hydrogen technology and its role in the global energy transition.

The Hydrogen Medal is presented in cooperation with the NOCNSF ("Netherlands Olympic Committee \* Nederlandse Sport Federatie") and honours the champions of the hydrogen world with a special gold medal. Previous winners include Diederik Samsom, Head of Cabinet of Frans Timmermans, Alice Krekt, Director NLHydrogen, Pierre

Devillers, CEO ENGIE Netherlands, Ad van Wijk, Professor of Future Energy Systems TU Delft, Georgios Chatzimarkakis, CEO of Hydrogen Europe, Han Feenstra, Ministry of Economic Affairs and Climate Policy of the Netherlands and Rob Jetten, Netherlands Minister for Climate and Energy.

### **Hydrogenious' LOHC Technology: Revolutionizing Hydrogen Transport**

More than a decade ago, Daniel Teichmann founded Hydrogenious LOHC Technologies alongside three professors from the Friedrich-Alexander University of Erlangen-Nuremberg. Today, the company has more than 200 employees and stands at the forefront of safe hydrogen transport using Liquid Organic Hydrogen Carrier (LOHC) technology.

The breakthrough lies in Hydrogenious' innovative approach: binding hydrogen to the thermal oil benzyltoluene that allows for safe storage and efficient transportation within the existing liquid fuel infrastructure. This technology bridges the gap between hydrogen producers and consumers worldwide, enabling the decarbonization of industry and facilitating the energy transition.

### **The role of the Netherlands as central European hub for green hydrogen**

The Netherlands play a key role as a hydrogen hub for Europe. As demand for green hydrogen across Northwest Europe is foreseen to outstrip local production capacity significantly, the need for imports becomes critical. Hydrogenious' hardly flammable, non-explosive LOHC technology ensures safe transportation, especially in urban areas and ports.

Among the projects in which Hydrogenious is currently involved in the Netherlands is the construction of a LOHC Release Plant in the Port of Rotterdam, which is being implemented together with Vopak and has recently been notified as an Important Project of Common European Interest (IPCEI). Together with the Port of Amsterdam and Evos, Hydrogenious is also part of the H2A initiative, a consortium of local companies and international partners, with the aim of importing green hydrogen via the Port of Amsterdam.

**Photos for editorial use only, with indication of image copyrights:**

**240705\_Missie\_H2\_Hydrogen\_Medal\_01.jpg**

*Dorine Bosman of the Port of Amsterdam has awarded Daniel Teichmann, CEO and founder of Hydrogenious LOHC Technologies, with the Missie H2 initiative's Hydrogen Medal. © Hydrogenious LOHC Technologies*

**240705\_Missie\_H2\_Hydrogen\_Medal\_02.jpg**

*Dr Daniel Teichmann, CEO and founder of Hydrogenious LOHC Technologies, has received the Missie H2 Hydrogen Medal. © Hydrogenious LOHC Technologies*

**About Hydrogenious LOHC**

Hydrogenious LOHC Technologies provides the missing link for flexible hydrogen supply chains worldwide. Based on its proven Liquid Organic Hydrogen Carrier (LOHC) technology, the market pioneer founded in 2013 enables the storage and transport of hydrogen in a particularly safe, simple and efficient way - at high storage densities, under ambient conditions and in conventional liquid fuel infrastructure. The portfolio of the Erlangen-based scale-up and its international joint venture and subsidiary companies today comprises stationary and mobile (on-board) LOHC-based applications, including turnkey (de)hydrogenation plants, operation & maintenance and LOHC logistics. [www.hydrogenious.net](http://www.hydrogenious.net)

**Media contact Hydrogenious LOHC**

Frank Erik Walter, Global Media Relations & PR  
[frank.walter@hydrogenious.net](mailto:frank.walter@hydrogenious.net)

**Press kit download for additional background information and pictures**

[www.hydrogenious.net/press-information-kit](http://www.hydrogenious.net/press-information-kit)