PRESS RELEASE

Hydrogenious LOHC launches “LOHC Bridge” project to explore LOHC-based hydrogen trade routes from North Africa to Europe

- LOHC Bridge is a joint project by Hydrogenious LOHC, IRESEN and SC Zone, supported by the H2Uppp Programme
- The project explores techno-economic feasibility of LOHC-based hydrogen trade routes from Morocco and Egypt to Europe

Germany / Erlangen, January 20, 2026. Hydrogenious LOHC today announced the official start of LOHC Bridge, a joint project with IRESEN (Research Institute for Solar Energy and New Energies) and the Suez Canal Economic Zone (SCZONE). The project is supported by H2Uppp (International Hydrogen Ramp-up Programme), a funding programme of the German Federal Ministry for Economic Affairs and Energy, implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).

“LOHC Bridge underlines the strong potential of Morocco and Egypt as key suppliers of green hydrogen,” says Dr Stefan Stollenwerk, Vice President Business Development and Sales at Hydrogenious LOHC. “Their exceptional renewable energy resources, combined with scalable LOHC export routes, can play a crucial role in supplying Europe’s future hydrogen demand.”

LOHC Bridge aims to assess the technical and economic feasibility of Liquid Organic Hydrogen Carrier (LOHC)-based hydrogen supply chains connecting Morocco and Egypt with Europe. The project addresses a key challenge in the global energy transition: enabling scalable, safe and regulation-compliant international hydrogen trade.

As part of the project, the consortium will conduct a comprehensive techno-economic analysis of world-scale hydrogen export routes using LOHC technology. This includes the evaluation of potential hydrogen production, storage and export locations in Morocco and Egypt, as well as the assessment of shipping routes and import infrastructure in Europe.

Key elements of the project scope include the identification and evaluation of suitable locations, the design of a comprehensive LOHC Storage Plant concept serving as a blueprint for large-scale export applications and a detailed economic analysis of various hydrogen supply chains. These supply chains will be assessed for exports from Morocco and Egypt to selected European ports in the Netherlands, Germany and Southern Europe. In addition, the project will analyze the compatibility of LOHC-based hydrogen imports with current and future EU import regulations.

About Hydrogenious LOHC

LOHC Hydrogenious LOHC Technologies enables flexible hydrogen value chains. With its proven Liquid Organic Hydrogen Carrier (LOHC) technology, the Erlangen-based market pioneer, founded in 2013, allows hydrogen to be stored and transported particularly safe, easy and efficient - at high storage densities, under ambient conditions and in conventional liquid fuel infrastructure. Together with international partners, Hydrogenious is working on the implementation of first-of-its-kind plants and industrial projects that will drive the ramp-up of the hydrogen economy and the decarbonization of industry.

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About GIZ

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