

## PRESS INFORMATION

### Hydrogenious LOHC Technologies receives GEFAHR/GUT Innovation Award 2023

Germany/Munich, 15 May 2023. Hydrogenious LOHC Technologies received this year's GEFAHR/GUT Innovation Award for the development and use of the LOHC technology, which enables hydrogen to be transported safely on an industrial scale. The award ceremony was held as part of the 33rd Munich Gefahrguttag (Dangerous Goods Days). Around 150 conference participants followed the evening invitation on May 15, which was held in partnership with the publishing house Heinrich Vogel.

"The LOHC technology developed by the award winner represents an important contribution to the hydrogen strategy in the opinion of the expert advisory board" Alfred Winklhofer of the German Swabian Chamber of Industry and Commerce, member of the GEFAHR/GUT expert advisory board and spokesman of the jury, explains the decision.

"Hydrogen is incredibly versatile - but in molecular form it has an extremely low density and is highly flammable. This makes it difficult to store hydrogen safely and to transport it over long distances" elaborates Hydrogenious' CEO and founder Dr Daniel Teichmann. "The fact that the experts from GEFAHR/GUT selected our LOHC technology as the most convincing solution to this challenge makes us proud and confirms once again that we can significantly improve the safety and efficiency of handling hydrogen with our innovative process."

The GEFAHR/GUT innovation award has been granted since 2003 to companies that have demonstrably successfully introduced innovative solutions that improve safety in the transport and handling of dangerous goods. The prize is awarded by the fokus GEFAHR/GUT advisory board, which consists of 15 experts from all areas of dangerous goods handling, such as chemistry, transport, training, consulting, trade, associations and authorities.

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Gefahrgut\_Award\_2023\_ceremony\_(c)Hydrogenious.jpg

Ceremony of the GEFAHR/GUT Innovation Award 2023 in Munich (from left to right: Reinhold Wurster, DWV, Daniel Teichmann, Hydrogenious LOHC Technologies, Alfred

Winklhofer, IHK Schwaben, Rudolf Gebhardt, Redakteur fokus GEFAHR/GUT  
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Gefahrgut\_Award\_2023\_ceremony\_speech\_Daniel\_Teichmann-(c)Hydrogenious.jpg

Dr Daniel Teichmann, Founder and CEO of Hydrogenious LOHC Technologies,  
presenting the LOHC technology at the award ceremony. ©Hydrogenious LOHC  
Technologies

### About Hydrogenious LOHC

Hydrogenious LOHC adds the missing link to high-performing hydrogen value chains globally. Based on its proprietary and proven Liquid Organic Hydrogen Carrier (LOHC) technology with benzyl toluene as carrier medium, Hydrogenious LOHC allows for superior, flexible hydrogen supply to consumers in industry and mobility across the globe, utilizing conventional liquid-fuel infrastructure. Founded in 2013, the portfolio of the market-leading pioneer and its joint venture companies today includes stationary and mobile (on-board) LOHC-based applications: Hydrogenious LOHC Technologies, headquartered in Erlangen/Germany, offers – within an EPC partnership with Bilfinger – (de-)hydrogenation turnkey plants, Operation & Maintenance and LOHC logistics services – ensuring safe, easy and efficient hydrogen storage, transport and distribution. Hydrogenious LOHC Emirates, based in the United Arab Emirates and a joint venture with Emirates Specialized Contracting & Oilfield Services (ESCO), acts as the regional spearhead in the Middle East since the end of 2021. Hydrogenious LOHC Maritime, established in 2021 jointly with Østensjø Group and located in Norway, develops an emission-free onboard propulsion system with a promising LOHC/fuel cell solution for the global shipping industry. With its >200 staff members and investors AP Ventures, Royal Vopak, Winkelmann Group, Mitsubishi Corporation, Covestro, JERA Americas, Temasek, Hyundai Motor Company, Chevron Technology Ventures and Pavilion Capital, Hydrogenious LOHC is a major enabler and accelerator for the energy transition.

[www.hydrogenious.net](http://www.hydrogenious.net) | [www.hydrogenious-emirates.ae](http://www.hydrogenious-emirates.ae) | [www.hydrogenious-maritime.net](http://www.hydrogenious-maritime.net)

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