

GOLDI Mobility Kft Unveils Its 18-metre Articulated Fuel Cell Bus, GOLDiON H18

GOLDI Mobility Kft Unveils Its 18-metre Articulated Fuel Cell Bus, GOLDiON H18

RáCKEVE, & , GLASGOW, September 13, 2022 /EINPresswire.com/ -- [GOLDI](#)

[Mobility Kft](#) (GOLDI) is pleased to unveil its 18 meter articulated fuel cell bus (GOLDiON H18)- the first of its kind in

Hungary. The bus has recently come-off the assembly line and is now planned for undergoing aggressive EU homologation testing in order to obtain Whole Vehicle Type-Approval (WVTA) certification. After having the WVTA, GOLDI will be able to market GOLDiON H18 EU-wide without undergoing any further certification related tests.



It is a remarkable achievement, given that we faced a very challenging time during COVID-19 but we did not lose the track & today is a historic day for us!"

Dr. Naveed Akhtar, Founder & CEO, Hy-Hybrid Energy

GOLDiON H18 is a special plug-in hybrid bus, which means apart from hydrogen it also runs on electricity. The bus can be refuelled at a high flow rate from a hydrogen station like other hydrogen buses & its plug-in technology allows the battery to be re-charged from an electricity outlet. The bus is equipped with components from reputed brands, e.g., battery from CATL, fuel cell system from Horizon fuel cell technologies, electric motor from DANA, Axle from ZF, steering gear by BOSCH, ABS by WABCO, air-conditioner from Webasto and heating system by Valeo.

GOLDI has initiated the first of its kind in Hungary- the 18m fuel cell electric bus development program in August 2019 under the project GOLDiON. In early 2020, the program was further extended to include battery electric buses, thus completing both types of zero emission electric bus fleet. GOLDI's technical and project management partner, [Hy-Hybrid Energy](#) is supporting the entire project and performed an extensive market analysis before selecting the key components and drivetrain technology. It was the aim of study that all the GOLDiON buses should accompany the most advanced technology while offering long range, extended warranty and competitive pricing. As a result, the GOLDiON H18 was selected to be designed as a special plug-in hybrid with battery and fuel cell drive. GOLDiON H18 has now joined the family of earlier manufactured battery electric buses, i.e., 8.5 m battery electric bus (GOLDiON E9) and 12m



battery electric bus (GOLDiON E12).

Under the same project, GOLDI has also setup the electric charging station at their factory to facilitate the in-house charging of their vehicles. All the GOLDiON bus models are designed to be fully homologated for the EU market to ensure commercial sales. Interested parties are welcome to contact GOLDI Mobility for any further inquiries.

Ferenc Kovacs, CEO, GOLDI Mobility says: "This is indeed an occasion for jubilation & celebration not only for us but for all those who are a part of this a first of its kind project in Hungary."

Hy-Hybrid Energy, the UK based fuel cell services provider has been overseeing the entire project. [Dr. Naveed Akhtar](#), CEO, Hy-Hybrid Energy brings over two decades of experience in hydrogen and fuel cells. He is among one of the experts around the world who has had the opportunity to work on almost all major types of fuel cells, i.e. SOFC, PEMFC, DMFC and AFC. In 2020, he founded the world's first international hydrogen aviation conference (IHAC) platform.

Dr. Akhtar says: "It is a remarkable achievement, given that we faced a very challenging time during COVID-19 but we did not lose the track & today is a historic day for us!"

About Hy-Hybrid Energy Limited:

Working with the leading players in the hydrogen and fuel cell sector, Hy-Hybrid Energy provides services in clean energy technologies. Based in Scotland, UK, the team are specialists in all major fuel cell types, renewable energy systems, hydrogen storage and production. Hy-Hybrid Energy is leading the first of its kind in Hungary, the fuel cell bus development project which also includes



Hungarian First Articulated Fuel Cell Bus, GOLDiON H18



Hungarian First Articulated Fuel Cell Bus, GOLDiON H18

battery electric buses development. The company is also proud to be the world's first in setting-up a platform (International Hydrogen Aviation Conference, IHAC) which gathers leading experts from the aviation sector, discussing the role of hydrogen in decarbonization, annually. Other ongoing projects include, green hydrogen plant setup, low & high temperature fuel cell systems development for transport, back-up and off-grid applications.

Visit: www.hy-hybrid.com or contact Hy-Hybrid Energy, info@hy-hybrid.com

About GOLDI MOBILITY Kft:

GOLDI provides manufacturing and repair services for public transportation (trams and buses) since 1981. As an ambitious Hungarian manufacturer, GOLDI plans for local assembly of fuel cell electric drivetrains for buses, including fuel cells, batteries, supercapacitors, electric motors, DC-DC converters and control systems.

Visit www.goldion.eu or contact Ferenc Kovacs, info@goldion.eu

Hy-Hybrid Energy
33 Beechwood Avenue
+44 7424 312756

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

[Other](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/589971144>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.