

First-Of-A-Kind (FOAK) in Hungary- Fuel Cell System Assembly Showcased at Majosz Vehicle Industry Conference in Hungary

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/EINPresswire.com/ -- First-Of-A-Kind (FOAK) in Hungary- fuel cell system assembly completed at [GOLDI Mobility](#) facility in Ráckeve & was showcased at Majosz Vehicle Industry Conference at Zalaegerszeg, ZalaZONE, Hungary on 6th Oct 2022. MAJOSZ - the National Association of

Hungarian Vehicle Component Manufacturers organized the conference, where experts from the vehicle industry gathered to discuss trends, the directions of Industry processes, and issues affecting the future of the vehicle industry.

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We are pleased to announce the completion of the first locally assembled fuel cell system in Hungary, it is another addition to our list of the first of its kind projects in hydrogen/fuel cells.”

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

The fuel cell systems assembly was completed at GOLDI Mobility facility in Ráckeve under the supervision of experts from [Hy-Hybrid Energy](#) from UK & HydraV from China who joined the GOLDI Mobility (GOLDI) team remotely. The activity, "Drive Train Assembly Phase 3" was created under the GOLDiON project in 2019 which considers local assembly of fuel cell drivetrains in Hungary

with the goal of significantly reducing the cost of 12m and 18m fuel cell buses to be deployed across the EU. The successful completion of the local assembly of fuel cell system not only allows GOLDI to utilize such systems in their own fleet of fuel cell electric buses but it also opens-up the opportunity of subsequent deployment for heavy-duty mobility market in the EU.

Under the tripartite cooperation agreement on fuel cell systems assembly, the parties will further examine the opportunity to set-up a local assembly plant of fuel cell modules in Hungary, which will potentially accelerate the GOLDiON fuel cell buses deployment when their engines (i.e., fuel cell system modules) are titled as, “assembled in Hungary”. In this regard, the parties shall work together to obtain necessary approvals/CE marking etc. for the locally assembled fuel

cell modules to ensure that they can be sold to the EU market without any hassle/further paperwork. The parties also aim to work together for meeting the supply/demand targets of any future potential EU orders of the fuel cell modules, their local assembly in Hungary and final installation into the heavy-duty vehicles.

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.

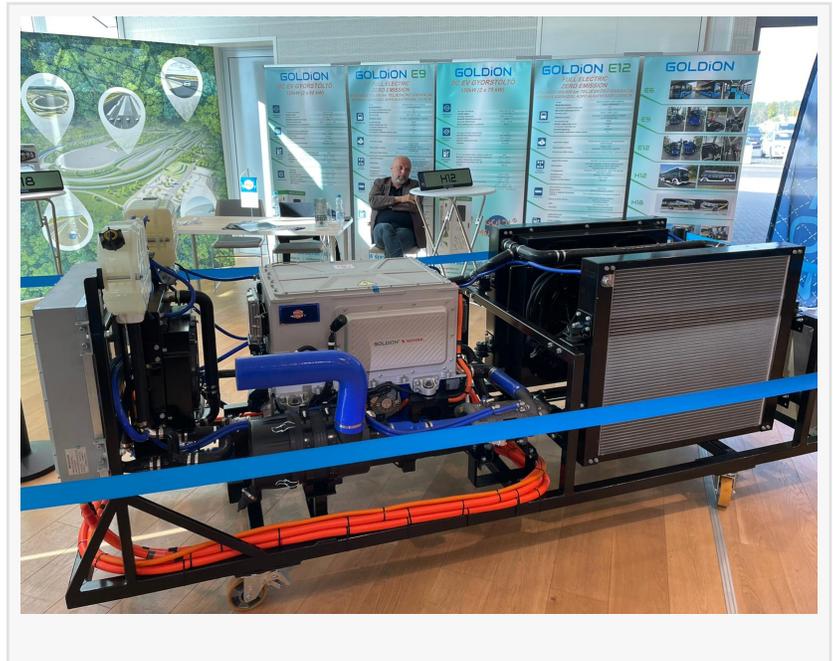
Hy-Hybrid Energy, the UK based fuel cell services provider has been overseeing the entire project. Dr. Akhtar, CEO, Hy-Hybrid Energy brings over two decades of experience in hydrogen and fuel cells. He is among one of the experts around the world who has had the opportunity to work on almost all major 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. Naveed Akhtar](#) says: "We are pleased to announce the completion of the first locally assembled fuel cell system in Hungary, it is another addition to our list of the first of its kind projects in hydrogen/fuel cells."

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 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 decarbonisation, 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

About HydraV:

HydraV was founded in 2017 by VISION GROUP. Aiming at delivering reliable and remarkable fuel cell products and services, HydraV lays out a comprehensive domestic supply chain, builds an experienced and expertized team, and collaborates with several renowned universities. The fuel cell stacks, systems, and other core components independently developed by HydraV exhibit excellent performance and have been applied to various FCEVs and construction machinery. To manage the products effectively, all HydraV fuel cell systems are connected to a self-built big data platform to track their real-time status.

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