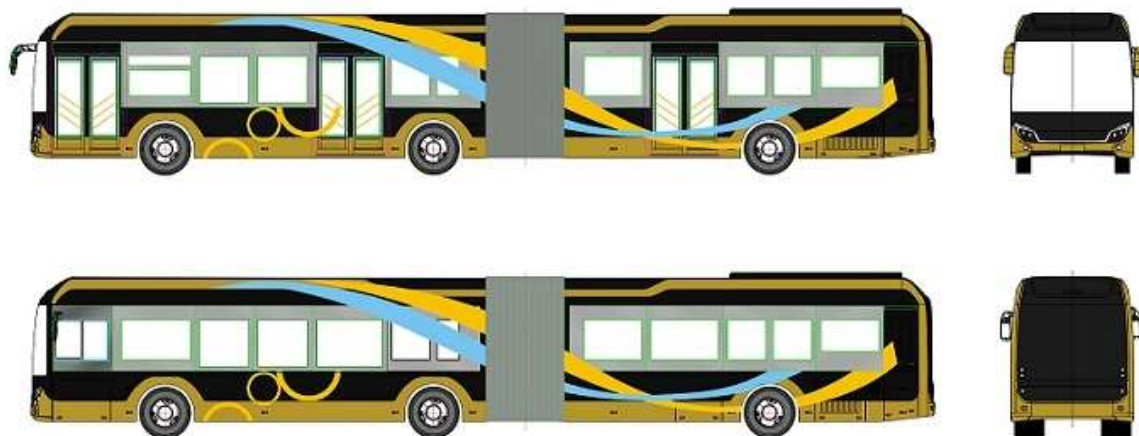




GOLDI Mobility & Hy-Hybrid Energy Release the Specification of GOLDiON H18

Glasgow, Ráckeve, Feb 16, 2022 -- Hy-Hybrid Energy, UK based leading fuel cell services provider and GOLDI Mobility Kft- a Hungarian based manufacturing company are pleased to release the detailed specifications of GOLDiON-18- an articulated, fuel cell plug-in hybrid electric bus (FC-PHEB) which runs on hydrogen as well as also powered by electricity.

GOLDiON-H18 is an M3 category, low floor city bus fully homologated under Whole Vehicle Type-Approval System (WVTA) for EU use. The bus is equipped with a 100-kW fuel cell system, high-voltage battery, 250 kW rated/350 kW peak power electric motor, 12 hydrogen cylinders with 350 bar onboard storage capacity, CCS2 type European standard DC charging socket, ZF axle, BOSCH steering gear, ABS & ECAS by WABCO, Valeo 2 x30 kW air-conditioner & 40 kW heating system, interior and reversing monitor, 7" LCD screen and many more as detailed in the specification document. Download link: https://www.hy-hybrid.com/_files/ugd/e27014_c225072b3899400aacd7d5f2a8752d5f.pdf



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 will be joining 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).

Dr. Naveed Akhtar, Founder & CEO, Hy-Hybrid Energy says: “We have made great strides in our commitment to decarbonize the planet & GOLDiON project is the beginning of such efforts.”

Ferenc Kovacs, CEO, GOLDI Mobility says: “We are pleased to share the detailed specification of our first Hungarian articulated fuel cell electric bus & proud to lead our country in setting-up the scene.”

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 decarbonization, annually. Other ongoing projects include green hydrogen production, low and 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