

Metacon receives a new order for a system for reforming ethanol into green hydrogen from WattAnyWhere for off-grid electric vehicle charging

The Switzerland based company WattAnyWhere (WaW) orders its second reforming system from Metacon's subsidiary Helbio, for conversion from ethanol-to-green hydrogen. The system will be used for on-site production of electricity without connection to the electricity grid, i.e. off-grid. Produced electricity will be used in charging stations for electric vehicle (BEV) charging. This follows a previous order from Metacon's successful delivery to WaW of a smaller system. The new order becomes a part of WaW's scaling up as a player with commercial electric car charging stations. The order value amounts to approximately EUR 193 000. Delivery is planned for the fourth quarter of 2023.

Today's transport system is largely dependent on fossil fuels and affects the climate and the environment by creating and accelerating global warming through the greenhouse effect. The transport sector is under great pressure to transition towards more sustainable and climate friendly technical solutions. While Metacon's core technologies around green hydrogen as fuel is emerging as one of the key future solutions for important parts of the transportation market, the battery-electric vehicle (BEV) market has already grown to take a significant position in automotive and for conventional car traffic.

While car manufacturers are rapidly transforming their portfolios and launching new BEV models at high pace, there are growing concerns and challenges for how customers will be able to charge these cars in desired places and sufficiently fast as the number of vehicles increases. Both green electricity production as well as electrical grid infrastructure today present far bigger challenges than the roll out of new vehicles.

WattAnyWhere's solution brings an alternative and complementary way of creating fast electric vehicle charging without the need for grid re-build or upgrades. Furthermore, using existing renewable fuels such as ethanol, the WattAnyWhere stations aims at enabling green, off-grid EV charging both in new places and at existing gas stations. Thus, the solution



is highly adapted to and complementary to existing fuelling infrastructure already built for supporting car traffic for people world-wide since almost a century.

Metacon's Helbio unit has significant know-how as well as intellectual property for the type of development required for the construction and will manufacture and install the core reforming unit converting ethanol to hydrogen for further processing in fuel cells to create electricity for charging.

Christer Wikner, President and CEO of Metacon said: *"It is very pleasing to see that we are now taking the next big step in the collaboration with WattAnyWhere and the scaling up of this transformative technology. By utilizing the very large and well-distributed amounts of renewable ethanol already available in Europe as a raw material for the production of green hydrogen, we can contribute our solution directly to the very rapid growth and major challenges that exist within the battery electric transport sector"*.

Mr. Didier Roux, CEO of WattAnyWhere commented: *"It is quite clear that expansion of electrification as well as clean electricity production sufficient to meet the growing battery electric vehicle market has significant challenges. Therefore, we are extremely happy to now take this next step towards practical demonstration of our renewables based off-grid generator and support the deployment of BEV fast-charging"*

This information is information that Metacon AB (publ) is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication, through the agency of the contact person below, on 7th March 2023 at 13:05 CET.

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About Metacon AB (publ)

Metacon AB (publ) develops and manufactures energy systems for the production of hydrogen, heat and electricity. The products in the Reforming business area are based, among other things, on a patented technology that generates hydrogen through so-called catalytic steam reforming of biogas or other hydrocarbons. The development of Metacon's reforming products is done within the wholly owned subsidiary Helbio S.A: which is a spin-off from the University of Patra, Greece.

Metacon also offers complete filling stations for hydrogen and system solutions and facilities for the production of hydrogen through so-called electrolysis, a large and globally growing area for small- and large-scale production of green hydrogen. Electrolysis is a process of starting and



driving a chemical reaction to cleave water by adding electricity. If the electricity used is non-fossil and green, hydrogen will also be completely climate neutral and green. Green hydrogen can be used in, among other areas, the transport sector, the basic industry and the real estate sector with a better environment and climate as a result. www.metacon.com

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