
Press release

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TAQA Arabia Signs MoU with MAN Energy Solutions for Egyptian Green-Hydrogen Project

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MAN Energy Solutions has signed a memorandum of understanding (MoU) with TAQA Power, TAQA Arabia's Power Subsidiary – based in Cairo, Egypt – regarding a pilot project for the local production of green hydrogen to fuel domestic tourist busses. The MoU sets the stage for MAN Energy Solutions to provide technical information to TAQA Power on employing electrolysis for a hydrogen-plant solution, due to run until autumn 2022.

The announcement of the MoU comes in the wake of Egypt's president, Abdel-Fattah El-Sisi, urging the establishment of an integrated strategy for the production of green hydrogen in the north African state in light of the growing international interest in the alternative fuel. The aim is to empower Egypt to generate and use hydrogen through renewable energy instead of fossil fuels.

Ghassan Saab, Head of MAN Energy Solutions's energy business in the region, said: "This is an exciting venture with a valuable partner in a country that has recognised what an incredibly important role green hydrogen will play on the path to a climate-neutral, global economy. It is also a great opportunity for MAN Energy Solutions to display its expertise in all processing steps of the hydrogen economy. We look forward to working closely with TAQA Power in finding the optimal solution that will position them strongly in what will be one of the most important markets of the future."

Samy AbdelKader – TAQA Power's Managing Director added: "We are very happy to join forces with MAN Energy Solutions for such a great endeavour in alignment with the Egyptian Government's plan aiming to generate and increase the use of green hydrogen."

About H-TEC SYSTEMS

MAN Energy Solutions acquired the majority of shares in Augsburg, Germany-based electrolyser manufacturer – H-TEC SYSTEMS – in June 2021, completing its range across the hydrogen value-chain and further aligning its business towards a range of solutions for decarbonisation. Through H-TEC SYSTEMS, the company intends to drive the large-scale industrialisation of electrolysis, pushing green hydrogen towards the mass market.

H-TEC SYSTEMS has over 20 years of experience in hydrogen development and research. It produces stacks and megawatt electrolysers based on the polymer-electrolyte membrane process (PEM) to cover industry and energy-refiner demands for hydrogen. Its electrolysers already make effective sector-coupling possible today.

About TAQA Power

Subsidiary of TAQA Arabia, Egypt's largest, private-sector energy-distribution Group, TAQA Arabia – a Qalaa Holdings company – develops and operates energy-distribution infrastructure including gas transmission & distribution networks, EPC works, power-generation plants and distribution networks for the oil & gas, residential, commercial and tourism sectors in Egypt. It also markets petroleum and lubricants, and develops and operates water-treatment stations. Currently, it is focusing on significantly increasing green-hydrogen production in order to expand its remit within the field of clean energy.

MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.