
Press release

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MAN Energy Solutions partners up with the Bavarian Hydrogen Council

Bavarian government initiates a council focusing on expanding hydrogen technology in Bavaria

As a partner to the Bavarian Hydrogen Council, MAN Energy Solutions will work with other major players from politics, finance and science to drive the development of hydrogen technology as an important energy source for the future. This news was announced by Bavarian Premier Dr. Markus Söder and Hubert Aiwanger, Bavarian Minister for Economic Affairs, Regional Development and Energy and Deputy Premier, at the ceremonial foundation of the Bavarian Hydrogen Center at the Energie Campus in Nuremberg.

"We are excited to see hydrogen technology coming to the fore in Bavaria. Just like the Bavarian government, we are certain that hydrogen will play an important role in ensuring the success of the energy transition," says Dr. Uwe Lauber, CEO of MAN Energy Solutions. "Together with the other members of this council, we want to give hydrogen technology the boost it needs to really demonstrate its enormous potential with regard to decarbonizing our economy and society."

In collaboration with its partners, the Bavarian Hydrogen Council aims to make the use of hydrogen commonplace in practical applications. Its activities will be coordinated from the newly established Bavarian Hydrogen Center at the Energie Campus in Nuremberg.

Hydrogen – the foundation of a climate-neutral economy

"The use of green hydrogen and synthetic fuels will pave the way to establishing a climate-neutral global economy in the future," Lauber adds. "Hydrogen can be obtained from renewable energy sources in a climate-neutral fashion, and forms the basis for the production of a variety of synthetic fuels using power-to-X technology. These 'e-fuels' allow renewable energy to be used beyond power grids. The production of hydrogen consequently constitutes an important interface in the coupling of the energy, transportation and heating sectors. Bavaria has the chance to become a pioneer in this sector now."

The Bavarian Hydrogen Council aims to make the state of Bavaria a forerunner in the industrial production of key hydrogen components. MAN Energy Solutions will collaborate with the electrolysis technology company H-TEC SYSTEMS to provide significant support for a number of initiatives, including the development of new PEM electrolyzers in the multimewatt range. In March 2019, MAN Energy Solutions acquired 40 percent of the shares of H-TEC SYSTEMS.

Our participation in the Bavarian Hydrogen Council highlights the strategic and technological transformation of MAN Energy Solutions. As early as 2017, the company began to implement its new future strategy with the aim of expanding its business activities concerning sustainable technologies and solutions to become the main source of revenue by 2030. This strategic realignment is supported by the expansion of the product range to include hybrid, storage and digital service technologies. The production of synthetic fuels and gases from renewable energy sources using power-to-X technology is also key to the implementation of the maritime energy transition, the company's concept for decarbonizing global shipping.

MAN Energy Solutions also recently announced their plans to work with Hydrogenious LOHC Technologies and the Frames Group B.V. to develop and construct large, industrially scalable hydrogen storage systems.

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.