



MAN and ABB E-mobility rev up for the next phase of electromobility in long-haul trucking

Berlin, May 13, 2022

On the site of the former Berlin Tempelhof Airport, in the presence of German Federal Minister for Digital and Transport Dr. Volker Wissing, MAN Truck & Bus had a near-series prototype of its upcoming electric truck driven today in public for the first time. A special technical feature of the trailblazing electric commercial vehicle, which will be launched on the market in 2024, is its capacity for future megawatt charging. ABB E-mobility, a leading global provider of charging solutions for electric vehicles, aims to bring megawatt charging technology to market maturity in the next three years. MAN and ABB E-mobility are thus revving up for the next phase of electromobility: operational capability for heavy-duty long-haul trucking with daily ranges between 600 and 800 kilometers. Moreover, with their unequivocal commitment to electromobility, the two companies are signaling that the industry is ready to proceed, and that legislators must establish the policy framework for zero-emission road haulage.

MAN Truck & Bus
Dachauer Strasse 667
80995 Munich, Germany
Should you have questions or require further information, please contact:
Dr. Marc Langendorf
Phone: +49 89 1580-2001
Presse-man@man.eu
<https://press.mantruckandbus.com/>

Should you have questions or require further information about ABB E-mobility, please contact:
media.relations@ch.abb.com
Phone +41 43 31 77 111

"We need to decarbonize road freight transport to achieve our climate targets. To make this happen, we are focusing above all on the market ramp-up of climate friendly commercial vehicles and the development of a corresponding high-performance charging infrastructure. The project we are supporting on high-performance charging for e-trucks on the A2 is providing important learnings. What is important now, is to get more e-trucks on the road quickly. The partnership between MAN and ABB shows that we are on the right track," said Federal Minister of Digital and Transport Dr. Volker Wissing.

During the minister's test drive in the MAN electric truck, Alexander Vlaskamp, CEO of MAN Truck & Bus, emphasized that "accelerating the expansion of the charging infrastructure is the only way to achieve the evolution of transport and meet climate targets." He also highlighted why MAN is relying on battery-electric powertrains for future carbon-free commercial vehicle fleets: low operating costs and the best overall energy footprint. "As part of the Traton Group, we are already participating in a joint venture with industry partners to develop and operate

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of just under 11 billion euros (2021). The company's product portfolio includes vans, trucks, buses/coaches and diesel and gas engines along with services related to passenger and cargo transport. MAN Truck & Bus is a company of TRATON GROUP and employs more than 34,000 people worldwide.



a high-performance public charging network with a target of at least 1,700 green electricity charging points across Europe," Vlaskamp added.

To enable long-distance daily ranges between 600 and 800 kilometers, the MAN electric truck, due to be launched in 2024, is already equipped with the technical prerequisites for future megawatt charging systems. ABB E-mobility, as a leading global provider of charging solutions, intends to bring such charging systems to market quickly.

"We aim to facilitate electromobility in all areas. At ABB E-mobility we have been working on developing the corresponding performance standards for many years. Megawatt charging will require new power technology with more than 1,000 volts, so systemic electrical safety and reliability are essential at these power levels and for the foreseeable use cases. ABB E-mobility is the ideal provider to take on these challenges, as we can significantly accelerate research and development based on our existing technologies. Our shared ambition is to bring this new technology to market within three years. In the past, such development phases have often taken much longer," said Frank Mühlton, CEO of ABB E-mobility.

A binding and uniform standard is also crucial for the introduction of megawatt charging technology. Germany could set benchmarks here: more than 20 partners from industry and science, including MAN and ABB, are working on the high-performance charging project (known as "HoLa" in German), which is funded by the German government and is the world's first megawatt charging project. Two high-performance charging points with megawatt charging systems (MCS) are being built at four locations along the A2 federal highway. The project is intended to serve as the basis for nationwide expansion.

Press Release

MAN Truck & Bus



About ABB

ABB is a world leader in EV charging solutions and the partner of choice for the world's biggest electric vehicle OEMs and nationwide EV charging network operators, having sold more than 680,000 electric vehicle chargers across more than 85 markets; over 30,000 DC fast chargers and 650,000 AC chargers, including those sold through Chargedot.

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB's success is driven by about 105,000 talented employees in over 100 countries. www.abb.com

About MAN Truck & Bus

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of just under 11 billion euros (2021). The company's product portfolio includes vans, trucks, buses/coaches and diesel and gas engines along with services related to passenger and cargo transport. Electric drives are already an integral part of the series production range of MAN buses and light commercial vehicles, and a comprehensive line of series-produced electric trucks will be available from 2024. Together with digitalization and automation in road haulage, the shift to zero-carbon driving is a key pillar of the NewMAN strategy for the future, which will transform the company from a commercial vehicle manufacturer into a provider of intelligent and sustainable transport solutions by 2030. MAN Truck & Bus is a company of TRATON GROUP and employs more than 34,000 people worldwide.

www.mantruckandbus.com