

Press release

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MAHLE at the Stuttgart Symposium: mobility must become sustainable faster

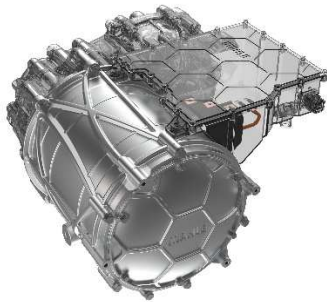
- MAHLE highlights fast routes to sustainable mobility at the trade conference for automotive and engine technology
- Management Board member Jumana Al-Sibai: “E-mobility is a central solution for climate protection in road transport. However, we need all technically possible solutions to achieve even faster reduction in CO₂.”
- Additional momentum urgently needed through use of hydrogen and synthetic fuels

At the Stuttgart International Symposium on Automotive and Engine Technology on 15 and 16 March 2022, MAHLE highlighted a number of approaches to make mobility sustainable even faster. Jumana Al-Sibai, Member of the MAHLE Management Board responsible for the Thermal Management business unit, said during the panel discussion with Porsche CEO Oliver Blume, Baden-Württemberg’s Minister of Transport Winfried Hermann, and Prof. Christian Küchen, Chairman of the trade association Fuels und Energie e.V.: “It’s absolutely clear to us that e-mobility is a central solution for climate protection in road transport. However, if we want to speed up this process, I’m convinced that it is precisely in the transportation sector where we need to use all technically possible solutions to curb climate change. To this end, we need the right policy framework.”

MAHLE recognizes the need to urgently reduce CO₂ emissions in transportation through the use of hydrogen and synthetic fuels, in addition to e-mobility.

Earlier in his keynote address, Dr. Martin Berger, Vice President Corporate Research and Advanced Engineering at MAHLE, emphasized: “The mobility of the future is diverse—with different types of powertrain for different applications in different regions.” With this in mind, it is essential to import climate-neutral energy sources such as hydrogen, in addition to locally produced renewable electricity, in order to advance defossilization. Dr. Berger also provided insights into current innovations from MAHLE, such as a fast charging infrastructure for electric vehicles and a highly efficient, wear-free electric motor that does not require rare earth elements.

For many years, the Stuttgart International Symposium on Automotive and Engine Technology has been one of the largest trade conferences for vehicle and engine technology in Europe and one of the most important events in the automotive industry's calendar.



MAHLE's electric motor without rare earth elements: sustainable thanks to the absence of raw materials, wear-free operation, and maximum efficiency



MAHLE chargeBIG Power charging infrastructure for fast charging up to 750 kW



Jumana Al-Sibai, member of the MAHLE Management Board responsible for the Thermal Management business unit



Dr. Martin Berger, Vice President Corporate Research and Advanced Engineering at MAHLE

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About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry. The technology group is now broadly positioned in the areas of powertrain technology and thermal management with a clear focus on future topics relating to mobility. As part of its dual strategy, MAHLE is working both on the intelligent combustion engine for the use of hydrogen and other nonfossil fuels and on technologies that will help the fuel cell and e-mobility achieve broad acceptance in the markets. The product portfolio of the company, which was founded in 1920, addresses all the crucial aspects of the powertrain and air conditioning technology. Half of all vehicles in the world now contain MAHLE components. #weshapefuturemobility

In 2020, MAHLE generated sales of approximately EUR 9.8 billion and is represented in over 30 countries with more than 72,000 employees in 160 production locations and 12 major research and development centers. (Last revised: 2020-12-31)