

Press release

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From diesel to hydrogen: MAHLE opens new test center in Stuttgart

- Investment of around EUR 2 million with further expansion planned
- Research into fuel cells and hydrogen-powered engines
- Around 100 employees in Stuttgart work on solutions relating to hydrogen technology
- MAHLE has been a supplier for fuel cell vehicles for more than ten years

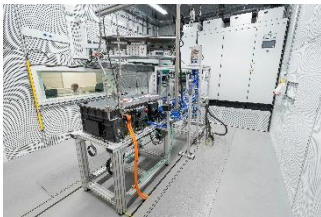
MAHLE has put a new test center for hydrogen applications into operation on a 1,400-square-metre site in Stuttgart/Germany. The company has invested around EUR 2 million in the new facility, further expansion being planned. The rigs will be used to test components for fuel cells and close to zero-emissions engines running on hydrogen in order to develop economical and robust system solutions for the automotive industry. MAHLE traditionally has strong expertise in the areas of air management, filtration, thermal management, and power electronics. Around 100 employees are working on hydrogen-related projects at the technology group's location in Stuttgart. MAHLE has been a supplier for fuel cell vehicles since more than ten years.

“Our new hydrogen test center is an important step and another example of a successful transformation project by MAHLE,” says Dr. Martin Berger, Vice President Corporate Research and Advanced Engineering at MAHLE. “After all, testing at this location was so far linked to combustion engines only.”

The test center's activities will focus on developing drive systems and components for heavy-duty commercial vehicles. MAHLE believes that hydrogen in fuel cells and combustion engines is an important contribution to sustainable transportation.

With this new test center, Stuttgart-based automotive supplier MAHLE is strengthening its research and development activities in this field. As a member

of the Hydrogen Council, MAHLE also campaigns at political level for the promotion of hydrogen technology. The Hydrogen Council is a global initiative consisting of leading energy, transport, and industrial companies and advocates hydrogen as an essential element towards decarbonization of the entire global economy.



Under Pressure: A fuel cell system is being tested at MAHLE, delivering valuable data for the development of all peripheral component for fuel cell systems by MAHLE.



Around 100 employees in Stuttgart work on serial products or R&D-activities around fuel cell and H₂-combustion.



Many MAHLE core competences like thermal management are highly relevant for fuel cell applications. In this picture, MAHLE employees are testing cooling systems for fuel cell applications.

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About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry. The technology group is committed to playing an active role in transforming the mobility of the future by further optimizing the combustion engine, driving forward the use of alternative fuels, and laying the foundation for the worldwide introduction of e-mobility and other alternative drives, such as fuel cells. The Group's product portfolio addresses all the crucial aspects of the powertrain and air conditioning technology.

In 2019, MAHLE generated sales of approximately EUR 12.0 billion and is represented in over 30 countries with more than 77,000 employees in 160 production locations and 16 major research and development centers (last revised: 2019-12-31).