

**New research and development center for electronics: a milestone for vehicle electrification at MAHLE**

- New research and development center for electronics opened in Valencia
- Location expanded to become a global competence center for electronics
- MAHLE strengthens its competence as systems supplier for e-mobility

Stuttgart/Germany and Valencia/Spain, November 23, 2018 – MAHLE inaugurated a new research and development center yesterday at its location in Valencia/Spain. In the future, around 250 employees will work on developing new products and solutions for sustainable mobility at this competence center for vehicle electronics.

Electronic systems are becoming increasingly important in modern vehicles. The powertrain of the future is a system consisting of interconnected hardware and software that communicates and interacts intelligently within the vehicle. As a pioneer of future mobility solutions, MAHLE is therefore continuously expanding its activities in the area of electronics, with the company's new research and development center in Valencia representing a significant element of this approach.

“As a creator of new and climate-friendly mobility solutions, we believe that the ongoing development of e-mobility is crucial. With our new research and development center, we're strengthening our competence in the area of power electronics and consistently working toward our goal of becoming a holistic systems supplier in this field,” explains Dr. Jörg Stratmann, Chairman of the Management Board and CEO of the MAHLE Group.

In the future, power electronics and software solutions—e.g., for products such as electric drive systems and auxiliary components, charge management systems, or heating and cooling systems—will be developed in Valencia. Another area of focus will be the validation of systems in accordance with the standards of the automotive industry.

To effectively advance the electrification of vehicles, MAHLE has combined its activities relating to electric drives, actuators and auxiliaries, as well as control and power electronics in the Mechatronics division. These products are used in passenger cars, commercial vehicles, and off-highway vehicles.

“With its excellent universities, Valencia is an ideal hub for modern research and development. I’m convinced that our new research and development center will be an asset to the city and become a magnet for electronics development, attracting the next generation of engineers,” says Wilhelm Emperhoff, Member of the Management Board of the MAHLE Group and responsible for the Filtration and Engine Peripherals business unit as well as the Mechatronics division.

MAHLE’s goal is to make individual mobility more climate-friendly and sustainable. To achieve this, the company is pursuing a dual strategy. On the one hand, MAHLE is working intensively on the further optimization of the combustion engine. On the other, the company is developing solutions for the widespread adoption of e-mobility. As a key player in the automotive industry, MAHLE is therefore instrumental in shaping the future of mobility.

### **About MAHLE**

MAHLE is a leading international development partner and supplier to the automotive industry as well as a pioneer for the mobility of the future. The MAHLE Group is committed to making transportation more efficient, more environmentally friendly, and

more comfortable by continuously optimizing the combustion engine, driving forward the use of alternative fuels, and laying the foundation for the worldwide introduction of e-mobility. The group's product portfolio addresses all the crucial issues relating to the powertrain and air conditioning technology—both for drives with combustion engines and for e-mobility. MAHLE products are fitted in at least every second vehicle worldwide. Components and systems from MAHLE are also used off the road—in stationary applications, for mobile machinery, rail transport, as well as marine applications.

In 2017, the group generated sales of approximately EUR 12.8 billion with about 78,000 employees and is represented in more than 30 countries with 170 production locations. At 16 major research and development centers in Germany, Great Britain, Luxembourg, Spain, Slovenia, the USA, Brazil, Japan, China, and India, around 6,100 development engineers and technicians are working on innovative solutions for the mobility of the future.

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