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## **ELECTRIC VEHICLES: MERSEN TO FORM PART OF A NEW EUROPEAN SILICON CARBIDE SEMICONDUCTOR SUPPLY CHAIN NETWORK**

**Paris, July 19, 2021** – Mersen, a global expert in electrical power and advanced materials, has announced its participation in Transform, a consortium whose goal is to develop a European supply chain network for the manufacture of silicon carbide (SiC) semiconductors for the electric vehicle market.

As an expert in high-performance materials – including silicon carbide – Mersen will be lending its expertise to the consortium with the aim of improving SiC technologies and developing silicon carbide substrates for higher-performing and ever more powerful semiconductors.

Silicon carbide power electronics are much more energy-efficient than those based on the current generation of silicon-based semiconductors. Transform will provide European market players with a reliable source of SiC components and systems from a wholly European value chain covering needs ranging from substrates to energy converters.

Subsidized by the European Union, the Transform project is led by German group Bosch. Its aim is to improve the current SiC technologies in order to serve the major emerging power conversion markets in the fields of renewable energy, mobility and industry, while strengthening Europe's competitive position. The French leg of the network is being financed through Bpifrance's PSPC future investment competitiveness program.

Within the project value chain, Mersen is providing its expertise in the "Materials and substrates" segment headed up by Soitec.

Luc Themelin, Chief Executive Officer of Mersen, commented: "Mersen's participation in this strategic project for the electric vehicle market puts the Group at the cutting edge of research efforts and underlines our ability to address major technological and manufacturing challenges."

## ABOUT MERSEN

Mersen is a global expert in electrical specialties and advanced materials for high-tech industries. With more than 50 industrial sites and 16 R&D centers in 35 countries around the world, Mersen develops custom-built solutions and delivers key products for clients in order to meet the new technological challenges shaping tomorrow's world. For over 130 years, Mersen has focused tirelessly on innovation to accompany its clients and meet their needs. Be it in wind power, solar power, electronics, electric vehicles, aeronautics, space or countless other sectors, wherever technology is progressing, you will always find a bit of Mersen.

For more information, please consult Mersen's website: [www.mersen.com](http://www.mersen.com).

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