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PRESS RELEASE

Joint Project for Green Mobility "Made in Saxony"

Infineon and Ten Saxon Partners Receive Funding of 17.7 Million Euros

(Dresden, 11/29/2023) Europe and Saxony support the "Future Mobility" cooperation. The Dresden-based semiconductor manufacturer Infineon Technologies Dresden wants to develop technologies for the mobility of the future together with three medium-sized companies and seven research institutions from Saxony. The European Union and the Free State of Saxony fund the research and development project "Green mobility 'made in Saxony' - innovative solutions for future-oriented automotive and industrial applications (Future Mobility)" with around 17.7 million euros. Saxony's Minister of Economic Affairs and Labor, Martin Dulig, symbolically handed the funding decisions to the project partners today at an on-site meeting.

Thanks to the fully digitalized application and approval procedures, they had already received the digital grant notifications from Sächsische Aufbaubank - Förderbank at the end of October. The Dresden-based companies Fabmatics and SYSTEMA Systementwicklung, LEC from Eibenstock, and the research partners Technische Universität Chemnitz, Technische Universität Dresden, Dresden University of Applied Sciences, Westsächsische Hochschule Zwickau, Helmholtz-Zentrum Dresden-Rossendorf, Fraunhofer Institute for Photonic Microsystems IPMS (Dresden) and Fraunhofer Institute for Material and Beam Technology IWS (Dresden) participate in the project. Under the leadership of Infineon Dresden, the cooperation partners are developing innovative solutions along the entire microelectronics value chain. The results for green mobility "made in Saxony" will be incorporated into future automotive and industrial applications. The first project meeting of the partners took place in Zwickau on November 29, 2023.

Project Partners Join Forces for Green Mobility

"Cooperation between important stakeholders from research and industry in Saxony to create innovative semiconductor solutions plays an important role for the business location," said Martin Dulig, Minister of State for Economic Affairs, Labor and Transport of the Free State of Saxony. "The partners' work in the joint research project forms important building blocks for the next innovations "made in Saxony". The

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project results will provide the basis for future-oriented products that improve people's quality of life and contribute to achieving climate targets."

"Semiconductors are key to mastering the two most important challenges of our time: climate change and digital transformation," says Uwe Gäbler, Head of the Development Center for Automotive Electronics and Artificial Intelligence at Infineon Dresden. "Cooperation and knowledge exchange between companies, universities, and research institutions are essential for innovation. We want to work together in Saxony to develop new power products and systems with greater energy efficiency and durability and create new fields of application."

"The partners in Future Mobility share their unique perspectives and expertise in the collaboration. In addition to the innovative solutions themselves, we hope that this will lead to the successful dissemination and application of the technologies for the mobility and future industry after the end of the project," says Manfred Austen, Managing Director of Systema, on behalf of the medium-sized companies. "Such collaborations create new, long-term partnerships and opportunities that benefit the growth of Saxony's semiconductor and electronics industry."

"In the Future Mobility project, we are strengthening cooperation between industry and research in the Free State. We aim to accelerate the transfer of knowledge in relevant future topics such as microelectronics or artificial intelligence from research institutions and universities to companies," said Prof. Christoph Leyens from Fraunhofer IWS in Dresden, outlining the views of the participating research partners. "Excellent research dedicated to the complex challenges of our time underlines Saxony's attractiveness as an important location for science."

Close cooperation between the Fraunhofer IWS and the West Saxon University of Applied Sciences Zwickau (WHZ) at the Fraunhofer Application Center for Optical Metrology and Surface Technologies AZOM strengthens the collaboration in the work packages of the joint project with a focus on the development of optical systems for particle measurement.

Funding for "Made in Saxony"

The project will be funded by the European Regional Development Fund (ERDF) and the Free State of Saxony over a three-year period. The funds come from the Saxon ERDF technology investing 2021 to 2027 for research and development (R&D) projects on new products and processes. In collaborative R&D projects, the Free State supports the cooperation of small and medium-sized Saxon companies (SMEs) with other companies, research institutions, or universities in Saxony.

Martin Dulig continued: "Saxony's ERDF/JTF technology funding has been provided with around 600 million euros until the end of 2027 and therefore enjoys an excellent position. With this technology and sector-open funding offer, we support research, development, and innovation as important drivers for Saxony's economy's future viability and competitiveness, even in challenging times."

Kofinanziert von der Europäischen Union

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Diese Maßnahme wird mitfinanziert durch Steuermittel auf der Grundlage des vom Sächsischen Landtag beschlossenen Haushaltes.

Saxony's State Minister for Economic Affairs, Labor, and Transport Martin Dulig (6th from left) personally handed over the funding decisions totaling 17.7 million euros to the partners of the "Future Mobility" project on November 28, 2023.
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