



PRESS RELEASE

Zadient receives €66 million in Grant Support Under the European Chips Act

Bitterfeld-Wolfen, Germany, 20 May 2026 — Zadient Materials Europe GmbH, a wholly owned subsidiary of Zadient Technologies SAS, announces the European Commission's approval of €66 million in German state aid to support the production of semiconductor source materials, marking an important milestone in the company's growth as a leading European manufacturer of strategic upstream semiconductor materials. The approval of this aid highlights the role Zadient plays in strengthening the European Union's global position and autonomy across the semiconductor value chain, in line with the objectives set out in the European Chips Act and the Commission's 2024-2029 Political Guidelines.

This aid will enable Zadient to finalize the acquisition of the former polysilicon plant in Bitterfeld-Wolfen, Germany, which it has been leasing from Silicon Products Bitterfeld GmbH, and to complete its transformation and expansion into the world's leading producer of high-purity chemical vapor deposition silicon carbide (CVD SiC). The project, which combines breakthrough process innovation with proven industrial engineering principles derived from decades of semiconductor materials production experience, will now enter a new phase of industrial expansion. The aid will support a substantial increase in industrial capacity, including the deployment of additional production lines, enhanced process capabilities, and the introduction of new high-value products. This expansion will enable Zadient to increase output, improve process efficiency, and deliver high-quality semiconductor-grade materials on a larger scale and improved cost effectiveness to its global customer base.

A central technological pillar of the project is its closed-loop, resource-efficient process design. Zadient's production integrates an advanced vent-gas recovery (VGR) system that captures unused process gases and chlorosilane by-products, converts them back into process-grade inputs, and recycles the entire stream back into the beginning of the process. This approach substantially reduces primary raw material consumption, minimizes waste streams, and lowers overall energy demand, while maintaining the ultra-high purity required for semiconductor applications. As a result, the expansion supports industrial decarbonization and energy-efficient manufacturing, fully aligned with European sustainability objectives.

The development of the project will generate qualified industrial jobs, strengthen local supply chains, and further establish Bitterfeld-Wolfen as a reference site for advanced semiconductor materials manufacturing, contributing to the growth and resilience of the European industrial ecosystem. Anchored in Germany and integrated into the European value chain, Zadient's industrial platform serves a global customer base while reinforcing Europe's access to critical semiconductor materials, reducing structural dependencies on non-European supply chains, and supporting Europe's long-term ambition to secure next-generation semiconductor capacity.

Kagan Ceran, CEO of Zadiant Technologies, commented: “This milestone marks an important step for Zadiant and for Europe. It confirms the role we are building as a key European supplier of high-purity silicon carbide materials at a time when secure and resilient supply chains matter more than ever. The support under the European Chips Act allows us to secure and expand our industrial base in Germany, accelerate our scale-up, and deliver higher-performance materials more cost-effectively to customers worldwide — while contributing to Europe’s technological sovereignty in semiconductor materials.”

ABOUT ZADIANT

Founded in 2020, Zadiant is an innovator in the field of advanced materials, including silicon carbide semiconductor materials. It is headquartered in Sainte-Hélène-du-Lac, near Chambéry, France, where it develops its new crystal growth technologies. It also has a wholly owned subsidiary, Zadiant Materials Europe GmbH, headquartered in Bitterfeld-Wolfen, near Leipzig, Germany where it produces high-purity source material via the chemical vapor deposition (CVD) process. For more information, please visit www.zadiant.com.