

SGL Carbon expands capacities for graphite products for use in the semiconductor industry

- Rising global demand for particularly high-performance silicon carbide (SiC)-based semiconductors
- Increase in production capacities at the Shanghai (China), St. Marys (USA) and Meitingen (Germany) sites

Wiesbaden, August 10, 2022. SGL Carbon will significantly increase capacities for the production of graphite products for the semiconductor industry by 2024. As part of the investment budget for the Business Unit Graphite Solutions set out in the medium-term planning, a mid-range double-digit million euro amount will be made available for the expansion of production over the next two years. The company is thus responding to the strong growth in demand in this sector and strengthening its commitment to the global megatrend of digitalization.

The expansion program will take place in several steps over the next two years. In St. Marys, North America, and at the Chinese site in Shanghai, capacities for purification and for high-precision, computer-controlled processing of graphite components and felts will be expanded. In Meitingen (Germany), a new plant for the production of carbonized and graphitized soft felt is under construction. Further capacity expansions at various locations are being planned.

"SGL Carbon is very well positioned along the entire value chain of Si and SiC-based semiconductors. In order to be able to accompany the market growth and the strong increase in demand from our customers, we need to significantly increase our capacities. We would like to thank our customers, with whom we planned this expansion together and were able to secure it through their orders," said Burkhard Straube, Head of Business Unit Graphite Solutions at SGL Carbon, adding: "This is a first step. In the future, we will continue to support and accompany our customers in their growth."

Components made of specialty graphite are indispensable in semiconductor production. This applies both to crystal growth and the subsequent finishing of the wafers, for example by means of epitaxy or ion implantation. These processes take place at very high temperatures and in extremely corrosive environments. At the same time, the highest purity and absolute precision are required. SGL Carbon supplies graphite-based solutions along the entire semiconductor production chain. With its silicon carbide coatings, SGL Carbon is also one of the leading suppliers to the semiconductor industry and a preferred supplier to numerous manufacturers. Specialty graphites from SGL Carbon support not only silicon-based semiconductors but also the increasing use of silicon carbide-based semiconductors in the fast-growing power electronics market, enabling more efficient control and conversion of electrical energy. Silicon carbide-based semiconductors are needed for higher performance electric vehicles, automation processes or telecommunications infrastructure, among other applications.

For more information visit our website:

[Why Silicon-Carbide Semiconductors Have a Bright Future | SGL Carbon](#)

About SGL Carbon

SGL Carbon is a technology-based company and world leader in the development and production of carbon-based solutions. Its high-quality materials and products made from specialty graphite and composites are used in industrial sectors that determine the future: automotive, aerospace, solar and wind energy, semiconductor and LEDs as well as in the production of lithium-ion batteries, fuel cell and other energy storage systems. In addition, SGL Carbon develops solutions for chemical and industrial applications. Further developments in these areas demand more intelligent, more efficient, networked and sustainable solutions. This is where the entrepreneurial vision of SGL Carbon evolves around: contributing to a smarter world.

In 2021, SGL Carbon SE generated sales of around 1.0 billion euros. The company has approx. 4,700 employees at 31 locations in Europe, North America, and Asia.

Further information on SGL Carbon can be found at www.sgllcarbon.com/presse.

Important Notice:

To the extent that our press release contains forward-looking statements, the latter are based on information that is available at present and on our current forecasts and assumptions. Forward-looking statements, by their very nature, entail known as well as unknown risks and uncertainties that may lead to actual developments and events differing substantially from the forward-looking assessments. Forward-looking statements must not be understood to be guarantees. Instead, future developments and events depend on a large number of factors; they comprise various risks and imponderables and are based on assumptions that may possibly turn out not to be appropriate. These include unforeseeable changes to fundamental political, economic, legal and societal conditions, particularly in the context of our main customers' industries, the competitive situation, interest and exchange rate trends, technological developments as well as other risks and uncertainties. We perceive additional risks e.g. in pricing developments, unforeseeable events in the environment of companies acquired and Group member companies as well as in current cost savings programs from time to time. The SGL Carbon assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

SGL Carbon SE

Claudia Kellert

Head of Capital Markets & Communications

Söhnleinstrasse 8

65201 Wiesbaden/Germany

Phone +49 611 6029-100

Fax +49 611 6029-101

presse@sgllcarbon.com

www.sgllcarbon.com

 [LinkedIn](#)

 [Facebook](#)

 [Twitter](#)