

**SGL Carbon invests into modernization of its Morganton site**

- Enhancement of graphite production for high-power semiconductors and industrial applications
- Quality improvement of porous graphite, increase in capabilities and production efficiency for extruded graphite
- Essential and reliable partner in the US and beyond

SGL Carbon is modernizing its production for porous and extruded graphite investing around million 10 USD at its site in Morganton, North Carolina, USA until the end of 2022.

Porous graphite is important for the manufacture of high-power semiconductors as it is a key element for the equipment to produce silicon carbide (SiC) crystals. The SiC crystals are the basis for new and innovative micro chips that are needed to enhance the electronic control for electric vehicles and charging stations as well as 5G networks in context of the digitization of mobile production controls. Products made from extruded graphite are used in applications including the aluminum industry and other industrial sectors.

The modernization is taking place along the entire production chain, with a particular focus on mixing and pressing technology as well as thermal processes and its raw material supply system to improve the quality of the porous graphite production. In addition, the existing electrical infrastructure will be renewed, which is an important step towards more sustainable and efficient production of extruded graphite and will also enable an expansion of capacities in this area.

"With our modernized production of porous graphite that has high purity and well-defined porosity thanks to a reliably high-quality raw material base, we can meet the rapidly growing requirements of the semiconductor market for these applications. In the area of extruded graphite we will be able to enhance our quality and capabilities based on the investments taken," comments Doug Garda, Vice President Global Sales Electronic & Industrial Solutions Business Unit Graphite Solutions at SGL Carbon.

"The investment is also setting a course towards sustainable and efficient production with a commitment to a very high level of quality. SGL Carbon in Morganton is also making it clear to our customers and the markets that we are committed to be an essential and reliable partner in the US as well as for our global networks," notes Brant Wolff, Site Manager Morganton at SGL Carbon.

The history of the Morganton site in North Carolina dates back to the early 1940s, today employing around 100 well-educated specialists and material experts. The porous material for

SiC crystal for the semiconductor industry is produced in various rod sizes with diameters ranging from 4.5" to 9.5". Products made from extruded graphite are used in applications such as PDC (Polycrystalline Diamond Compact), rail wheels, as well as metal alloys, including in the aluminum industry.

For more information about the technological advantages of SiC-based semiconductors, please find the following article on our SGL Carbon website: [Why Silicon-Carbide Semiconductors Have a Bright Future.](#)

### 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.

**In 2020, SGL Carbon SE generated sales of more than 900 million euros. The company has approx. 4,800 employees at 31 locations in Europe, North America, and Asia.**

Materials, products and solutions from SGL Carbon are embedded in the major topics of the future: sustainable mobility, new energies and cross-industry digitization. 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.

Further information on SGL Carbon can be found at [www.sglcarbon.com/press](http://www.sglcarbon.com/press).

#### Important note:

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.

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