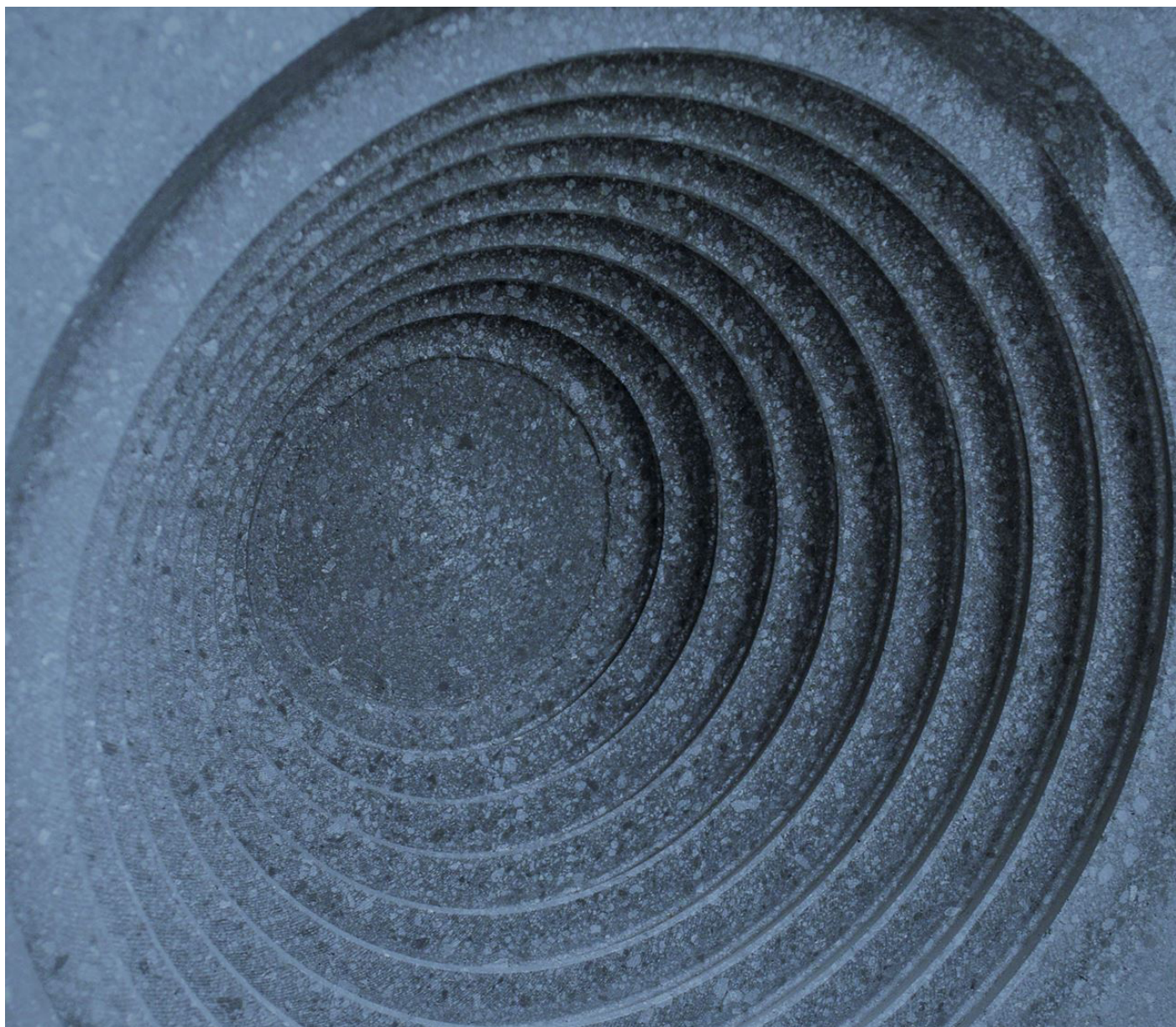


Welcome to Elkem Carbon Solutions



Elkem is one of the world's leading suppliers of advanced silicon-based materials shaping a better and more sustainable future. The company produces silicones, silicon products and carbon materials by combining natural raw materials, renewable energy and human resourcefulness. Elkem helps its customers create and improve essential innovations like electric mobility, digital communications, health and personal care, as well as smarter and more sustainable cities.

With a strong track record since 1904, Elkem's global team of around 7,400 people has a joint commitment to stakeholders: Delivering your potential. Elkem is listed on the Oslo Stock Exchange (ticker: ELK) where it is part of the OBX® ESG Index, a selection of 40 companies demonstrating best Environmental, Social and Governance (ESG) practices.

At Elkem Carbon Solutions, we take pride in being a world-leading supplier of electrode paste and specialty products to the pyrometallurgical industry. With a legacy dating back to the invention of the Søderberg electrode in 1919, Elkem has maintained a pioneering role as both a technology provider and a supplier of specialty carbon products.

Expanding in attractive markets for specialty products to metallurgical industries

Elkem is a leading producer of specialty carbon products for various metallurgical smelting processes and primary aluminium industries, uniquely positioned as the only producer with a global reach.

Carbon products produced by Elkem Carbon Solutions are used in electric smelting furnaces, aluminium pot cells and iron foundry industries. The Søderberg electrode is the most common electrode system used in submerged arc furnaces for the production of ferroalloys today. These include smelting furnaces for the production of silicon, ferrosilicon, ferrochromium, ferronickel, ferromanganese, silicomanganese, calcium carbide, copper and platinum matte.

High quality electrodes are critical for the customers to ensure stable and reliable production processes.

Elkem Carbon Solution's strategy is based on selective growth opportunities and sustainable low cost positions to deliver high quality products to the pyrometallurgical industry .

In 2023, the Carbon Solutions division acquired VUM, a Slovak producer of carbon pastes and recarburisers. The transaction will further increase Elkem's capacity to deliver speciality carbon products to the market. In addition, production capacity has also been increased at our plants in Brazil. Through these initiatives Elkem Carbon Solutions will deliver on its growth strategy targets and will continue to pursue new opportunities.

High quality products

Our commitment to excellence drives us to constantly refine and innovate our products to meet the highest industry standards. Our products represent the Elkem standard, tested and used in all Elkem smelters globally.



ELSEP® electrode paste

For over a century, Elkem has pioneered the development of Søderberg electrode paste. Elkem's proprietary electrical calcining technology lead the way to deliver high quality electrode pastes that guarantee optimised electrode performance. Our ELSEP® electrode pastes are tailor-made for the unique demands of different smelting processes.

ELTAP® repair pastes for tap holes and tapping launders

Our ELTAP® repair pastes are designed for outstanding wear and oxidation resistance of tapholes. The ELTAP® product line ensures long service time and contributes to a safer working environment.

ELMON® monolithic furnace lining solutions

The ELMON® product range protects submerged arc furnaces from wear during ferroalloys smelting processes. Since the 1980s, Elkem has provided high performance materials which extend furnace lifetime and ensure operational efficiency.

ELBAKE® prebaked electrodes

The ELBAKE® prebaked electrodes are used in submerged arc furnaces for the production of silicon. These electrodes are manufactured at our plant at Carboindustrial in Brazil, utilizing proprietary technology that was developed by Elkem.

ELSEAL® ramming paste

ELSEAL® is a premium cathode ramming paste range developed for primary aluminium electrolysis cells. Since the 1980s, Elkem has been a trusted supplier of cathode ramming paste, with optimised installation procedures for maximum efficiency and productivity.

ELGRAPH® recarburisers

ELGRAPH® is our line of synthetic graphites, produced as primary products through Elkem's continuous electrical calcining process. Known for its superior quality and outstanding product consistency, ELGRAPH® is typically used as high-grade recarburiser in steel and iron foundries.

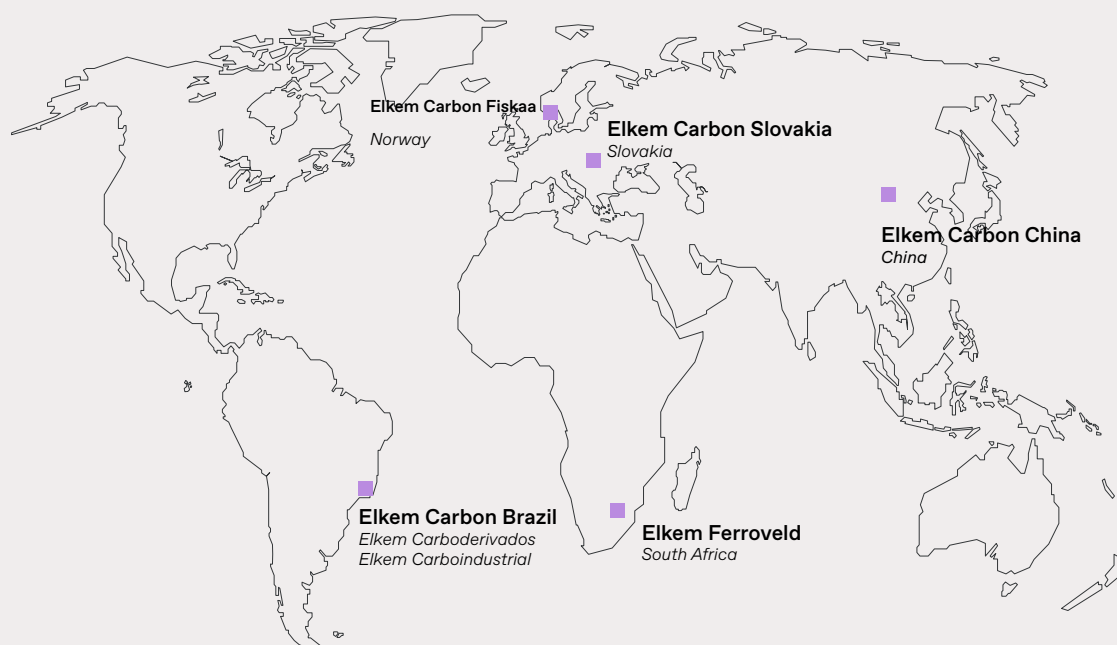
Tailor-Made Services

At Elkem Carbon Solutions, we understand that each customer's needs are unique. Whether it's selecting specialty materials or optimizing operational processes. We are committed to working closely with our customers to maximize efficiency, safety, and sustainability. Our reputation for excellence is built on our ability to collaborate closely with our customers, offering solutions that add value to their businesses.



Local Production

As a true global player, Elkem Carbon Solutions operates production facilities near all major markets, ensuring prompt delivery and minimal delays for our customers worldwide. With operations in Norway, Slovakia, South Africa, Brazil, and China, supported by a global sales network, Elkem is uniquely positioned to meet the needs of customers in every corner of the globe.



At Elkem Carbon Solutions, we understand your unique requirements. Whether it's selecting specialty materials or optimizing processes, we're committed to working closely with you to maximize efficiency, safety, and sustainability. Contact us today to unlock your full potential with Elkem's safe, stable, and efficient solutions.
Elkem.com/2 / support.carbon@elkem.com