

# Energy and CO<sub>2</sub> saving with corrosionless silicone carbide equipment and system for the chloralkali industry

Andreas Wilk, Founder

Wilk-Graphite GmbH, Lörrach, Germany, [info@wilk-graphite.com](mailto:info@wilk-graphite.com),  
<https://www.wilk-graphite.com>

## ABSTRACT

Wilk-Graphite was founded in the year 2005 in Germany by Andreas Wilk. It is specialized in the design and manufacturing of anti-corrosion equipment. Over the past two decades, the company has supplied uncountable different units and spare parts worldwide. Wilk-Graphite has establishing itself as a trusted partner in industries requiring innovative and reliable solutions. At this congress, Wilk-Graphite will showcase its innovative applications tailored for the chloralkali industry, including silicon carbide evaporation plants for concentrating caustic solutions and sulfuric acid and other equipment designed for highly corrosive environments.

Wilk-Graphite's silicon carbide technology represents a significant leap forward, outperforming traditional materials and systems. This technology enables the development and revamp of energy-efficient systems, significantly reducing energy consumption and CO<sub>2</sub> emissions.

After an introduction of the Company and its Partners, the presentation will be demonstrating how their solutions address critical challenges in the chloralkali industry. It will also showcase the environmental advantages. Attendees will gain insights into the benefits of silicon carbide technology, including its durability and corrosion resistance. Join us to explore how Wilk-Graphite's solutions can revolutionize your processes while supporting global environmental preservation efforts.

### Keywords:

Anti-corrosion, silicon carbide, equipment, sustainability