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Viridi and Zschimmer & Schwarz collaborate on CO_2-based surfactants

Joint Development Agreement accelerates scale-up of innovative CO_2 utilization technology for sustainable surfactants

Lahnstein / Southampton, February 12, 2026 – Zschimmer & Schwarz, a global supplier of chemical specialties and auxiliaries, and Viridi, a deep-tech start-up focused on carbon dioxide utilization, have entered into a Joint Development Agreement (JDA) to accelerate the scale-up and market adoption of Viridi's proprietary technology for the production of sustainable surfactants, used for example in the formulation of cleaning agents.

Viridi's technology enables the use of captured carbon dioxide as a renewable carbon source in chemical manufacturing. Following extensive trials conducted by Zschimmer & Schwarz, multiple potential applications and use cases were identified. By further adopting the Viridi technology, Zschimmer & Schwarz aims to enhance both product sustainability and production efficiency.

"This agreement represents a big milestone in our mission to help the chemical manufacturing industry, and ultimately, society to recycle CO_2 and eventually defossilize. We are delighted to share this journey with Zschimmer & Schwarz, a company with such a pioneering mindset," says Dr. Daniel Stewart, CEO of Viridi.

Dr. Matthias Hofmann, Director of Global R&D of Zschimmer & Schwarz, adds: "Our partnership with Viridi, a highly innovative start-up, strengthens our commitment to provide sustainable and biodegradable solutions for the future. We are excited to jointly explore opportunities for the next generation of surfactants."

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About Zschimmer & Schwarz

Zschimmer & Schwarz is a global supplier of chemical auxiliaries and specialties headquartered in Lahnstein near Koblenz, Germany. The company was founded in Chemnitz in 1894 and has been 100 % family-owned since. Having supplied specialty chemical solutions for more than 130 years, Zschimmer & Schwarz is positioned across industries with its seven business divisions. The company develops, produces and distributes tailor-made chemical auxiliaries for the leather, ceramic, textile and chemical fiber industries. Manufacturers of cleaning agents, personal care products, lubricants and industrial applications all over the world trust in the company's chemical specialties as well. The corporate group Zschimmer & Schwarz comprises 27 companies in 16 countries on five continents.

About Viridi

ViridiCO2 Ltd (trading as Viridi) is a UK-based deep-tech company that is transforming the

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way countless products and materials are manufactured. In home and personal care products, furniture and footwear, automotive and construction, our unique catalyst technology helps companies in diverse industries deliver improved sustainability, higher manufacturing efficiency, and better performance from existing infrastructure. Backed by world-leading investors, Viridi is catalysing the next generation of essential products.

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