

**MEDIA RELEASE**

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**Sulzer and Blue Planet deepen collaboration to accelerate decarbonization of concrete and the construction sector**

**Sulzer is strengthening its collaboration with Blue Planet to continue the development of highly innovative carbon capture and storage technology. The ground-breaking mineralization process permanently stores carbon emissions captured from heavy industries in aggregate form, which can then be used to produce carbon-negative concrete. The new strategic agreement builds on Sulzer Chemtech's and Blue Planet's technical collaboration, launched in 2021, and includes investment from Sulzer in Blue Planet's latest funding round.**

Sulzer Chemtech's innovative separation technology is critical for the development of an efficient and effective carbon capture unit to enable Blue Planet's geomimetic<sup>®</sup> process for carbon capture, utilization, and storage (CCUS).

Blue Planet's technology combines captured CO<sub>2</sub> with industrial waste to obtain synthetic limestone aggregate – one of the three key ingredients of concrete, along with cement and water. Blue Planet's technology permanently locks up to 440 kg of carbon dioxide (CO<sub>2</sub>) in every tonne of aggregate produced. As a result, it is possible to completely offset the CO<sub>2</sub> footprint of cement and produce carbon negative concrete.

Dr. Brent Constantz, Blue Planet's Founder and CEO, comments: "Sulzer Chemtech has been a solid partner in our joint development, working both in their R&D facility in Winterthur, Switzerland, and at our Global Innovation Center, located at our San Francisco Bay Aggregates plant, where we have been operating a Sulzer Chemtech packed column successfully for several months. Many plants that are in the pipeline globally will benefit from the partnership."

Dr. Suzanne Thoma, Executive President at Sulzer, concludes: "Sulzer's technology is helping to solve some of the most pressing challenges society faces today. With our portfolio of leading solutions, we are driving sustainable practices across industries. Our collaboration with Blue Planet is a great testimony of that – with concrete currently responsible for 7% of global emissions, this innovative process represents an important step in accelerating the transition to net zero."

*Sulzer is a global leader in fluid engineering and chemical processing applications. We specialize in pumping, agitation, mixing, separation, purification, crystallization and polymerization technologies for fluids of all types. Our customers benefit from our commitment to innovation, performance and quality and from our responsive network of over 180 world-class manufacturing facilities, engineering and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2021, our 13'800 employees delivered revenues of CHF 3.2 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). [www.sulzer.com](http://www.sulzer.com)*

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Homepage Blue Planet: <https://www.blueplanetsystems.com/>

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