

July 16, 2024

## **Sulzer supports Guinness World Record in agricultural water treatment**

**Sulzer's energy-efficient flow technologies are driving circular processes at the world's largest water treatment facility. With a capacity of up to 7.5 million cubic meters per day, Egypt's New Delta Treatment Plant is treating agricultural drainage water and wastewater from the region for reuse. The clean water produced at the plant will be reused to cultivate 1.2 million acres of arable land. Sulzer's integrated solutions and expertise help treat water that is channeled along a 120 km-long waterway to support sustainable water management and food security for the area.**

Located in the El Hammam area on the North Coast of Egypt, the record-breaking water treatment plant aims to improve water quality along the coast and in the neighboring Lake Mariout. In parallel, it will reuse treated water to contribute to the cultivation of 1.2 million acres of land in the West Delta area - almost double the size of greater Cairo. To do so, the New Delta Wastewater Treatment facility is relying on over 260 pieces of Sulzer's customized equipment, including Scaba mixers, XFP pumps and SNS process pumps.

Sulzer worked in close partnership with Engineering, Procurement and Construction companies (EPCs) to significantly reduce energy consumption. This collaboration saved an estimated 10GWh on the preliminary mixer solution by switching to Sulzer's efficient SCABA agitators. In addition, the SNS and XFP pumps were customized for this application to ensure high efficiency and a long service life. Their innovative design and low running costs are important for improving the sustainability of the surrounding farmland. Sulzer was recognized for its outstanding contribution to the project at the plant's opening ceremony on June 15, 2024.

Flow Division President Jan Lueder said: "We are pleased to support customers in their sustainability journeys by enabling water circularity and food security through improved efficiencies and agricultural productivity. This project demonstrates how our 60-plus years in wastewater management is promoting prosperous growth and sustainable living."

*Sulzer is a global leader in fluid engineering and chemical processing applications. We specialize in energy-efficient pumping, agitation, mixing, separation, purification, crystallization and polymerization technologies for fluids of all types. Our solutions enable carbon emission reductions, development of polymers from biological sources, recycling of plastic waste and textiles, and efficient power storage. Our customers benefit from our commitment to innovation, performance and quality through our responsive network of 160 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2023, our 13'130 employees delivered revenues of CHF 3.3 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). [www.sulzer.com](http://www.sulzer.com)*

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