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Large Drives Applications

Sulzer and Siemens LDA announce digital collaboration

The pump and drive system-OEMs team up through their IoT-platforms for enhanced pump operations

Sulzer and Siemens Large Drives Applications (LDA) are using their collective expertise to provide operators of large centrifugal pumps with an enhanced digital value proposition: Bringing together their respective IoT-platforms and services, BLUE BOX™ and SIDRIVE IQ, the two companies are collaborating to deliver an integrated solution that improves equipment reliability and cuts operations costs. The agreement has recently been made official with the signing of a letter of intent (LOI).

Sulzer and Siemens LDA are taking the first steps in a journey that is expected to deliver significant savings for operators of large centrifugal pumps. In order to offer a more holistic value-add that addresses the wider drivetrain, Sulzer's pump-specific, AI-based analytics platform, BLUE BOX, will now be complemented by predictive maintenance data from Siemens LDAs' SIDRIVE IQ, an IoT-platform for smart fleet management of drive systems & solutions.

Initially with this, operators will have access to more relevant information in one place, will be able to make better decision based on health and operations-data of the entire pump drive trains and will benefit through more effective service support in case of incidents. Furthermore, operators will be able to plan maintenance events more accurately and determine the health of the pump drive system on-demand.

Sebastian Winkler von Mohrenfels, Vice President Digitalization and Software Large Drives Applications, comments: "In the digital world, collaboration in ecosystems is fundamental for value-add, speed and focus on what everyone can do best. In the partnership with Sulzer, we strive to combine the digital and physical world for best-in-class value-add for pump drive train operators: decades of product and engineering know-how, IoT and AI-technologies as well as global service networks."

Sulzer and Siemens Large Drives Applications have been working together to integrate and exchange data between their IoT-platforms that will enable operators of large pumps to ensure their equipment is operating at peak performance. Both, the combined data from both BLUE BOX and SIDRIVE IQ as well as the expert support will allow the operators to identify actions that control lifecycle costs and reduce

carbon footprints – objectives on the business agenda of every company's environmental, social and governance (ESG) charter today.

Dr. Marc Heggemann, Head Digital Solutions Sulzer Services concludes: "Our collaboration with Siemens LDAs offers an excellent opportunity to further improve asset performance, reduce downtime and maximize efficiency, all of which help to reduce operating costs. This is the starting point for us, we will work with customers to develop the idea much further and include additional functionality to maximize the potential of this exceptional concept."

This press release can be found at: <https://sie.ag/3GQ400K>

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Siemens Large Drives Applications (LDA) engineers and produces heavy-duty electrical drive systems for the medium- and high-voltage ranges: electrical motors, converters, and generators. LDA is one of Siemens' Portfolio Companies. These units are agile, flexible, and decentralized and offer fast decision-making and reaction times. This allows them to be more competitive in their respective markets with a greater focus on their customers in different industries.

Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company had around 311,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

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 180 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2022, our 12'900 employees delivered revenues of CHF 3.2 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). www.sulzer.com