

Media Release

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Advancing sustainability: GF Piping Systems becomes SDIA partner to build the most efficient data centers in Europe

GF Piping Systems, the leading flow solutions provider for the safe and sustainable transport of fluids, has become a Sustainable Digital Infrastructure Alliance (SDIA) partner. The company joins the SDIA to partner with the association of companies, individuals, and governments aiming to highlight the importance of digital infrastructure facilities contributing to a reduction in the global carbon footprint.

The Sustainable Digital Infrastructure Alliance is a non-profit association with a key objective to optimize data centers' design. Funded primarily by the EU and individual company membership contributions, the SDIA assembles partners from the digital economy to create a roadmap towards a more sustainable digital economy and build data centers as efficiently as possible in the future. Members include, among other companies, Siemens, Vattenfall, EMPA.

"We share the common goal of the SDIA, to initiate technical improvements that help improve the efficiency of mission-critical facilities, like data centers, and support the United Nations sustainable development goal of more responsible consumption and production." says Richard Trevaskis, Head of Data Centers, GF Piping Systems, "We're excited to contribute our technical know-how built up over our 217-year history to help reduce the power consumption required for cooling the IT servers within data centers."

Data centers consume approximately 3% of the world's electricity, about 40% for cooling. Hence any small improvement in efficiency can have powerful benefits for the environment. The SDIA will establish demo data centers with the best possible technical equipment in Switzerland, as a part of the Nest project, supported by EMPA, as well as other initiatives in Holland, Sweden, and Germany. Efficiency benefits will be evaluated and benchmarked by independent laboratories and government bodies.

Advanced cooling systems will be developed, using liquid- and air-cooling technologies to improve the efficiency of the data center as a whole. The cooling systems will be connected to district heating & cooling grids, using GF Piping Systems' technology, to ensure energy recovery of the heat generated by the IT equipment.. As a global leader in flow solutions, GF Piping Systems' high-value and value adding piping technologies will contribute to the project's success.

For more information about GF Piping Systems Data Center capabilities, register your interest at <https://data-center.gfps.com/>

Contact for media representatives:
Constanze Werdermann, Global PR Manager
constanze.werdermann@georgfischer.com
Phone +41 76 33 99 218

About GF Piping Systems

GF Piping Systems is the global expert for the safe and reliable transportation of water, chemicals and gases. The company specializes in plastic piping systems and system solutions plus services in all project phases. GF Piping Systems is active with its own sales companies in 34 countries and more than 30 production locations around the world. In 2019, GF Piping Systems generated sales of CHF 1.802 billion and employed 6'892 people. GF Piping Systems is a division of Georg Fischer AG, which was founded in 1802, and is headquartered in Schaffhausen, Switzerland.
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