

Media release

Schaffhausen

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GF Piping Systems' presents sustainable solutions for liquid cooling in data centers of the future at DCW Frankfurt

Creating the winning formula for energy efficiency, time to market, and carbon neutrality is imperative for today's data centers. At this year's Data Centre World (DCW) held in Frankfurt, from 8-9 December, GF Piping Systems will showcase how prefabrication, sustainable technologies, and engineering transform mission-critical facilities' planning, building, and cooling.

The demands of higher capacity in every new data center are increasing parallel to energy efficiency and sustainability requirements. GF Piping Systems will present its pioneering prefabrication solutions for increased project deployment quality and efficiency. Hence, the demands on the mission-critical cooling plant also increase accordingly, as 50% of the power usage and, therefore, energy costs in a data center originate from the cooling plant. Mission-critical facility owners have a high focus to reduce these costs while reaching their common goal: the net-zero data center. GF Piping Systems can help optimize the energy efficiency of the complete cooling plant with prefabrication, plastic piping systems, and Non-Destructive Testing (NDT).

"Our engineered plastic piping solutions for cooling applications are the result of years of pioneering innovation," says Mark Bulmer, Global Market Development Data Centers. "Combined with our global network of prefabrication shops, GF Piping Systems provides owners and operators of data centers with a quicker set-up and more efficient and reliable operation during the entire service life of their projects, reducing energy usage for life." Mark Bulmer will deep-dive into 'Plastic pipes for liquid cooling' speaking at Critical Infrastructure Theatre on 8 December at 11:20 CET.

Planners and installation technicians are under considerable time pressure when installing new plants and modernizing existing ones. The construction sites, often located in geographically remote areas, must adhere to local regulations, including energy efficiency or water protection. Project delays often incur high contractual penalties and must, therefore, be strictly avoided. GF Piping Systems shortens the time from the planning stage to the commissioning, employing offsite prefabrication of framed modules, which are simple and easy to install on-site, which means that projects can be executed cost-efficiently and on schedule.

Visit booth D20, where GF's prefabrication and mission-critical cooling experts will welcome you to experience how fast and easy it is to build long-lasting and reliable pipe connections with GF's products.

Speaking sessions: Mark Bulmer, Global Market Development Data Centers in GF Piping Systems, will present 'Plastic pipes for liquid cooling' at Critical Infrastructure Theatre on 8 December at 11:20 CET.

GF Piping Systems will also be present at Data Center World, London (UK), 02 and 03 March 2022



Learn more about how we support sustainable data centers:

<https://www.gfps.com/com/en/about-us/events/2021/dcw-frankfurt-2021.html>

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Pictures

	<p>Prefabrication</p> <p>Source: GF Piping Systems</p>
	<p>Non-Destructive Testing</p> <p>Source: GF Piping Systems</p>

About GF Piping Systems

GF Piping Systems is the leading flow solutions provider worldwide, who enables the safe and sustainable transport of fluids. The company specializes in plastic piping systems and system solutions plus services in all project phases. GF Piping Systems has its own sales companies in 31 countries, which means it is always by its customers' side. Our production sites in 36 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2020, GF Piping Systems generated sales of CHF 1.708 billion and employed 6'893 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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