

Media Release

Frankfurt/Main, 17 April 2025

GF Building Flow Solutions' carbon-neutral factories: Three new sites mark a milestone on the journey towards carbon-neutral operations

GF Building Flow Solutions advances its carbon-neutral journey, adding three more manufacturing sites – Cerkezkoy (Turkey), Ecoflex production in Hassfurt (Germany), and Apple Valley (USA) – to its carbon-neutral operations (Scope 1 & 2). This result highlights GF Building Flow Solutions' ongoing commitment to minimize resource consumption.

“Operating in an industry that has a significant impact on counteracting climate change, as well as on the delivery of hygienic drinking water, GF Building Flow Solutions strives continuously to pioneer in sustainable water solutions for buildings. The manufacturing of our products and solutions is based on sound environmental management practices, embracing renewable energy sources across our global operations to reduce their environmental footprint. We are committed to taking an active approach in limiting our operational impacts and assuring efficient use of resources”, said Thomas Fuhr, Chief Technology Officer at GF Building Flow Solutions. “With the site in Cerkezkoy, the Ecoflex production site in Hassfurt, and the Apple Valley manufacturing facility we have reached yet another milestone in GF's journey towards carbon neutral operations.”

GF Building Flow Solutions' manufacturing in Cerkezkoy (Turkey), a.k.a Georg Fischer Hakan Plastik, is specialized in high-quality wastewater solutions. Key actions for emission reductions at the plant focus on energy management and efficiency, including the use of renewable energy, reducing the site's emissions by about 95 % compared to the baseline 2019. Waste management and circular economy approaches have cut production and facility waste by 36 %.

The Ecoflex production in Hassfurt (Germany) began its transitioning toward carbon-neutral manufacturing over a decade ago by switching entirely to 100% certified green electricity. Key energy-efficiency improvement measures in the production and in the buildings included upgrading the heating system and modifications such as installing a solar energy plant. As a result, the site's emissions have been reduced by about 91% as compared to the baseline.

The Apple Valley manufacturing facility at GF's North American headquarters has implemented significant measures to achieve carbon-neutral status. These include the use of 100% green electricity, converting three natural gas boilers to electric, and converting to 100% LED lighting. Additionally, nearly 100 windows were replaced to increase efficiency and the RTU (remote terminal unit) was replaced with electric heat instead of natural gas. As a result, tCO₂e emissions have been reduced by 93%, significantly cutting greenhouse gas emissions.

To achieve full carbon neutral status, according to GF Building Flow Solutions' Carbon Neutral Factory concept, the rest of the emissions at all three sites will be offset through a combination of tree-based carbon removal verified and retired using the Verra registry and biochar-based carbon removal using the Puro.earth or Carbon Standards International registry.

“Together with our teams and all GF Building Flow Solutions colleagues that have been involved in these processes, I am proud of our track record of cutting emissions at additional sites,” said Thomas Fuhr. “These accomplishments showcase our continued commitment to being an industry leader in sustainability.”

For more information about GF's Sustainability Framework:

<https://www.georgfischer.com/en/sustainability-at-gf/sustainability-framework-2025.html>

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About GF Building Flow Solutions – Leading with Water

With the construction industry accounting for a major part of the global CO₂ emissions, and the need for clean and safe drinking water to serve a growing population, GF Building Flow Solutions' mission is to solve the challenges of our time: the increasing demand for energy-efficient and affordable buildings, inviting and safe homes as well as access to clean and safe drinking water. GF Building Flow Solutions is Leading with Water, unleashing water's great potential as a resource to make buildings better, facilitate progress and enable our customers to be more productive and sustainable, ensuring comfort, health, and efficiency. Combining the best of the industry-leading brands GF, Uponor, and JRG, based on trusted Swiss, Finnish and German quality under one umbrella, customers get access to the broadest technology platform for a wide range of applications, ensuring customer satisfaction and performance. The portfolio comprises of safe solutions for hot- and cold-water supply and control, noise-reducing wastewater systems, as well as energy-efficient heating and cooling. A division of GF, GF Building Flow Solutions – formerly known as Uponor (Uponor Inc. in the U.S., Uponor Ltd. in Canada) and GF Building Technology – has sales companies in 30 countries and production sites in 12 locations across Europe and the Americas.

#LeadingwithWater
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Pictures

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**GF_Carbon_Neutral_Factory_Icon.jpg**

GF Building Flow Solutions has made further advances on its journey towards carbon neutral operations, adding Cerkezkoy (Turkey), the Ecoflex production in Hassfurt (Germany), and the Apple Valley manufacturing facility at the company's North American headquarters to its range of manufacturing locations that have reached carbon neutral status (scope 1 and 2). This result highlights GF Building Flow Solutions' ongoing commitment to minimize resource consumption.

Source: GF

**GF_BFS_Cerkezkoy_Carbon_Neutral.jpg**

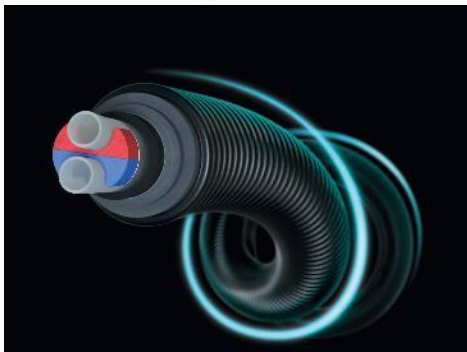
Proud to achieve carbon-neutrality in the Cerkezkoy (Turkey) a.k.a Georg Fischer Hakan Plastik factory site of GF Building Flow Solutions (first row, from left to right): Harun Albayrak, Production Manager, Andreas Weiglein, Vice President Operations, Thomas Fuhr, Chief Technology Officer, Esra Erdal, Managing Director, Yenal Gündüz, Supply Chain & Operations Director, Barış Uğurlu Head of Quality Management & OPEX.

Source: GF Building Flow Solutions

**GF_BFS_Wastewater_Systems.jpg**

The Cerkezkoy plant in Turkey a.k.a Georg Fischer Hakan Plastik houses the wastewater systems production with quality solutions such as the GF Silenta Premium (in the picture), GF Silenta 3A or GF HT-PP range.

Source: GF Building Flow Solutions

**GF_BFS_Ecoflex_VIP_Pipes.jpg**

The GF Building Flow Solutions Ecoflex production in Hassfurt (Germany) achieved climate neutrality. Here, Ecoflex and Ecoflex VIP pipes (in the picture) for district heating, cooling and water distribution are produced and shipped from for projects around the world.

Source: GF Building Flow Solutions

GF_BFS_Apple_Valley_Manufacturing_Carbon_Neutral.jpg

Team achievement: The GF Building Flow Solutions' Apple Valley manufacturing facility reached carbon neutrality.



Source: GF Building Flow Solutions