

FACTSHEET

GROHE GOES ZERO

Sustainability has been a crucial element of GROHE's corporate strategy since 2000. From then onwards, the global brand of complete bathroom solutions and kitchen fittings has set new standards, applying its 360-degree sustainability approach that incorporates employees, suppliers, customers, processes, products, and the company's social contribution alike. With the aim of becoming the first leading manufacturer of the

sanitary industry to achieve carbon-neutral production by 2020, GROHE has once again stepped up its pledge. In July, as part of the „GROHE goes ZERO“ initiative, all five production plants worldwide as well as the logistics centres in Germany were converted to run on green electricity. As of April 2020, the sanitary manufacturer will offset unavoidable CO₂ emissions through two compensation projects.



CLEAN ENERGY THANKS TO HYDROPOWER

Himachal Pradesh, India

The project is located on the Satluj River between Karcham and Wangtoo in the northern Indian state of Himachal Pradesh. As a hydropower plant, the project uses the river's natural flow to generate energy. Importantly, there is no reservoir in which the water is temporarily stored, and so the potential negative environmental impacts of water storage are avoided. In the underground turbine house, four Francis turbines are driven by the power of the river water before the water is returned to the river bed below. All the power generated by the power plant is fed into the North Indian transmission grid and replaces conventionally generated electricity, which mainly comes from coal-fired power plants.

RESTORING BOREHOLES FOR CLEAN WATER SUPPLY

Dowa & Kasungu, Malawi

In the project's districts of Dowa and Kasungu in Malawi, half of the population lives without access to clean drinking water. Part of the problem is that around one third of the existing boreholes can't be used, due to wear and tear. That's why GROHE supports a project that repairs damaged boreholes and improves the living conditions for the people based in the area. Most boreholes are operated by a hand pump. Generally, the pumped water is clean and can be consumed without any additional treatment. This also reduces carbon emissions, since water would otherwise be purified using fuel to boil it. In addition, the project also makes it possible to set up financing mechanisms to ensure the boreholes are maintained in the long-term, securing the water supply.



ENERGY INITIATIVES AT THE GROHE PLANTS

At its five international plants, GROHE applies the latest technologies that increase sustainability.



In 2019, the **material-saving 3D metal-printing** process was launched.



The GROHE plant in Klaeng, Thailand, is the most sustainable plant in Southeast Asia **thanks to its DGNB silver certificate:**

Solar panels are installed on the building's entire roof, **reducing carbon emissions by almost 2,000 tons per year.**



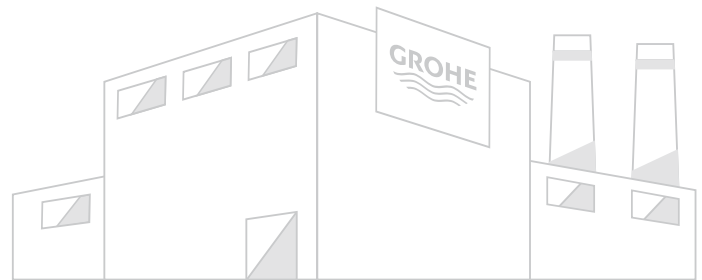
Since 2011, GROHE has been awarding an internal sustainability prize, the **GROHE Sustainability Trophy**. The award honours projects in the areas of environment, occupational safety and health protection.



In 2018, GROHE built a state-of-the-art test laboratory in Hemer, Germany. The **laboratory area has been expanded by 590m² to 1,510m²** in order to create the required infrastructure for more efficient development processes and new test methods.



Since 2015, GROHE has **invested in block heat and power plants** at the German plants in Hemer and Lahr, resulting in **savings of 4,750 tonnes of CO₂ per year.**



MISSION: A CONTRIBUTION TO SUSTAINABLE DEVELOPMENT

GROHE follows the 17 Sustainable Development Goals (SDGs) of the United Nations. These include, for example, the availability and sustainable management of clean water and sanitation (goal 6), decent work and economic growth (goal 8), the promotion of sustainable consumption and production patterns (goal 12) and the development of measures to combat climate change (goal 13). A few months after the SDGs were published, GROHE committed



itself to the 17 goals and emphasized from the outset that goal 13 is fundamental. Since launching its sustainability programme in 2014, GROHE has been able to increase its **energy efficiency by 24%** and to reduce its **greenhouse gas emissions by about 40%**, consequently already far **exceeding its 2021 targets of 20% respectively.**

For more information on sustainability, please visit www.grohe.com/sustainability

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