

Water use and management accounts for roughly 10% of global GHG emissions, including the energy to move water, agriculture-related use, treatment, and many other areas in which water services are critical to our daily lives. Water and wastewater utility operations alone are estimated to contribute more than 2%.

Leading the Way to Net Zero in Our Operations

Xylem supports its clients in reducing their carbon footprint by decarbonizing our operations and providing high-efficiency technologies to solve water management challenges with low operation emissions.

Our continuous efforts to decarbonize our impact in the water sector are seen across our operation and value chain. We are resubmitting our SBTi targets as a combined company, with validation of GHG reduction targets expected by 2025.

Operations:	Supply Chain:	Our Solutions:
78% of electricity came from renewable sources in 2023.*	>35% of legacy Xylem's global supplier base by spend had completed and submitted their CDP climate disclosures.	>100% of our goal to reduce water's carbon footprint has been achieved by enabling customers to mitigate over 3.95 M metric tons of CO2e since 2019.

* Estimate from Global Water Intelligence

Partnering with our customers

Xylem's transparency on our emissions and decarbonization roadmap provides partners with the information needed to inform their supply chain and GHG-related goals.

Our product sustainability reports outline emissions from throughout the lifecycle of the product, allowing customers to define embedded carbon in their product, account for environmental impact in their procurement process, and assess operational emissions of the installed solution.

The reductions in environmental impact that our solutions enable is our product's "handprint." More on handprint calculations and our product sustainability can be found in our [2022](#) and [2023](#) Sustainability Reports.



Sample of Xylem's Product Sustainability Report available on Xylem Technical Product Information pages – <https://tpi.xylem.com/>.

Partnering to Decarbonize the Water Sector

The water sector and Water Utilities are primed to lead the global [Race to Zero](#). Xylem's customers' main sources of operational emissions can be mitigated with Xylem's deep expertise and solutions, including equipment, service maintenance, and holistic digital solutions.

Real-time decision-making optimizes existing infrastructure, which reduces the need for new construction and mitigates excessive chemical use, addressing two of the largest sources of Scope 3 emissions for water service providers.

Decarbonization solutions also reduce water losses and cut costs, streamlining operating processes while making them safer and more resilient.

Beyond operational benefits, our solutions help customers make progress on their decarbonization targets. Leading Utilities have already implemented practical approaches to mitigate emissions of greenhouse gas while making the water sector more sustainable, resilient, and water secure.

Utilities show that water sector GHG emissions are a solvable problem. Their experiences provide a blueprint for moving further, and faster. Achieving Net Zero emissions is not merely an ambitious goal, but a realistic evolution of how water and wastewater are to be managed.



Aguas Andinas in Santiago, Chile, is prioritizing data-backed targets that have already reduced emissions by 25%.



Beijing Drainage Group in China is using digital tools to achieve decarbonization targets aligned with the city's carbon-neutrality goals, already reducing energy consumption by 15%.



Watercare, a New Zealand utility, is modernizing its network to phase out fossil fuels and embracing renewable energy through the country's first floating solar

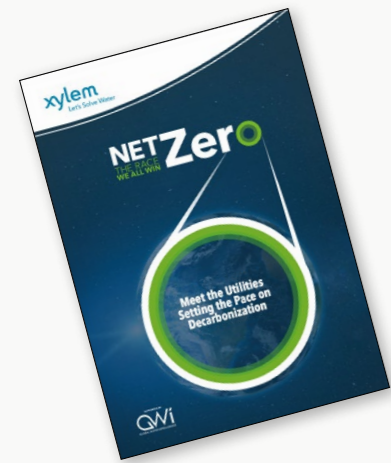


Ruhrverband, Germany, is taking a comprehensive approach to understanding energy use and mitigating emissions, scaling effective process emission management and setting ambitious targets like energy neutrality by 2024.

Decarbonizing the Water Sector

Water and wastewater utility operations are estimated to contribute more than 2% of global GHG emissions. Water use and management accounts for roughly 10%, including the energy to move water, agriculture-related use, treatment, and many other areas in which water services are critical to our daily lives.

- Today's technology can provide substantial energy reductions, with further innovation possible for comprehensive decarbonization of the water sector.
- Net Zero: The Race We All Win* details how utilities can make meaningful reductions to their GHG emissions.



In April 2024, Global Water Intelligence recognized Xylem's leadership for the second time, with its "Net Zero Champion" Award

More details on our decarbonization strategy can be found in our [2023 Sustainability Report](#).



We will accelerate the water sector's need to decarbonize through:

- [Working with partners to increase the resources available for utilities on net-zero journey.](#)
- [Partnering with regulators on utility decarbonization.](#)
- [Raising awareness in global climate action community.](#)
- [Providing industry thought leadership.](#)

We will decarbonise the water sector through the following:

Supply Chain:

- Increasing visibility of emissions through CDP and Ecovadis.
- Reporting blended Scope 3, Category 1 emissions to include actuals from CDP reporting and financial model for the first time in 2023.

Scope 1:

Committing to transitioning to lower emission fleet options such as EV/Hybrid, as most of our Scope 1 emissions are linked to our fleet.

Scope 2:

- Continuing to transition towards renewable energy to achieve our 2025 goal of 100% renewable energy at major facilities while also focusing on legacy Evoqua facilities in the coming years.

Scope 3:

As more than 95% of our Scope 3 emissions lie in Category 11 (Use of sold products), our reduction relies on:

- Evolution of solution mix to greater digital and services revenue.
- Global "grid greening".
- Partnership with customers to utilize more renewables.

Impact of our solutions:

- Continuing to increase visibility in full life cycle (LCA) of products, by piloting first full LCAs in several product lines and producing first product sustainability report.
- Increasing visibility into end-of-life waste-related emissions.
- Continuing to measure "use phase" emission abatements for customers.

Accelerating new solutions:

- Partnering with Xylem Innovation Lab to advance decarbonization solutions.
- Partnering with LORENTZ to provide greater solar options to portfolio.

We hold ourselves accountable by setting our own decarbonization targets:

- 2025 Goal to reach 100% renewable energy at major facilities.
- 2025 Goal to enable customers to reduce their GHG footprint by more than 2.8M metric tons.
- Setting science-based targets for Scope 1, 2, and 3 by 2025 and committing to net-zero by 2050*.
- Tying objectives to compensation and green finance commitments.
- Increasing visibility for our customers with reporting.

* We are resubmitting our SBTi targets as a combined company, with validation of GHG reduction targets expected by 2025.