

We strive to integrate sustainability into our operations to reduce our environmental impact, preserve resources, and support the well-being of the communities we serve.

With a global operational footprint spanning 21 countries and comprising 54 manufacturing facilities, our commitment to sustainability extends across various regions. In 2019, we identified 22 ¹ major facilities ² with significant energy, waste, and water impacts. While those major facilities provide the greatest opportunity for positive change, our operational sustainability practices influence all 427 Xylem facilities.

Our operational 2025 Sustainability Goals serve as vital benchmarks across four key categories: water management, emissions reduction, energy efficiency, and resource use and waste management.

Water management

In 2024, we reduced our water withdrawal to 2,480 megaliters — a 3% drop from 2023. Corresponding to \$8,562 million in revenue, this is an **intensity of 0.29 megaliters per million US dollars of revenue**. We continued to showcase our commitment to water stewardship by **recycling and reusing 2,508 megaliters, representing a 16% increase from 2023, and treating and releasing 1,846 megaliters, a 98% increase from 2023**. Find out more on page 32 of our 2024 Sustainability Report.

Water consumption in 2024
(in megaliters)

Total water withdrawal	2,480
Total water recycled and reused	2,508
Total water treated and released	1,846

Reducing our operational GHG footprint

In 2024, we **reduced our Scope 1 and 2 emissions by approximately 2.4% compared to 2023**, reflecting our ongoing efforts to improve energy efficiency, increase renewable energy use, and enhance operations. We remain committed to further reductions through strategic investments and innovation. Achieving net-zero means addressing emissions beyond our own operations. By collaborating with customers and suppliers, optimizing logistics, and delivering efficient solutions, we are working to reduce emissions across our value chain. Our Scope 3 emissions increased by 9% in 2024, primarily due to a large Custom Pump order impacting Category 11 emissions.

GHG emissions in 2024
(in metric tons CO₂e)

Total Scope 1 emissions	73,943
Total Scope 2 emissions - location-based	52,005
Total Scope 2 emissions - market-based	18,272
Total Scope 3 emissions	69,050,457

Optimizing our operational energy profile

Our energy profile across manufacturing, office, and service facilities is evolving, with greater adoption of renewable energy alongside global investments in energy efficiency. Through strategic renewable energy purchases, we have greened our energy profile in a cost-effective manner, particularly at facilities lacking access to renewable energy sources. In 2024, **80% of Xylem's electricity was derived from renewable sources**. One of the 21 major facilities achieved the significant milestone of using 100% renewable electricity in 2024, bringing the total to 19 facilities overall.

Energy consumption in 2024
(in megawatt-hours)

Total direct energy usage	317,093
Total indirect energy usage	200,736
Total energy consumption	517,829

Progress towards our 2025 Goals in 2024

Goal 1

Use 100% renewable energy at our major facilities



2024 update
Added 1 new facility
Progress to 2025
19 / 21

Goal 2

Use 100% process water recycling at our major facilities



2024 update
Added 3 new facilities
Progress to 2025
19 / 21

Goal 3

Achieve zero waste to landfill from processes at our major facilities



2024 update
Added 2 new facilities
Progress to 2025
19 / 21

Xylem's "Triple Crown" facilities

By the end of 2024, five additional major facilities attained what we internally call "Triple Crown" status by achieving all three operational goals. These are in addition to the major facilities that attained Triple Crown status in 2023. As of the end of 2024, a total of 16 of our 21 major facilities have achieved Triple Crown status.

2024

- Quenington** (United Kingdom)
- Vadodara** (India)
- San Diego**, California (USA)
Dubois, Pennsylvania (USA)
Auburn, New York (USA)

¹ Slaton (Texas), USA, previously classified as a major facility, closed in 2023, reducing our total number of major facilities to 21.

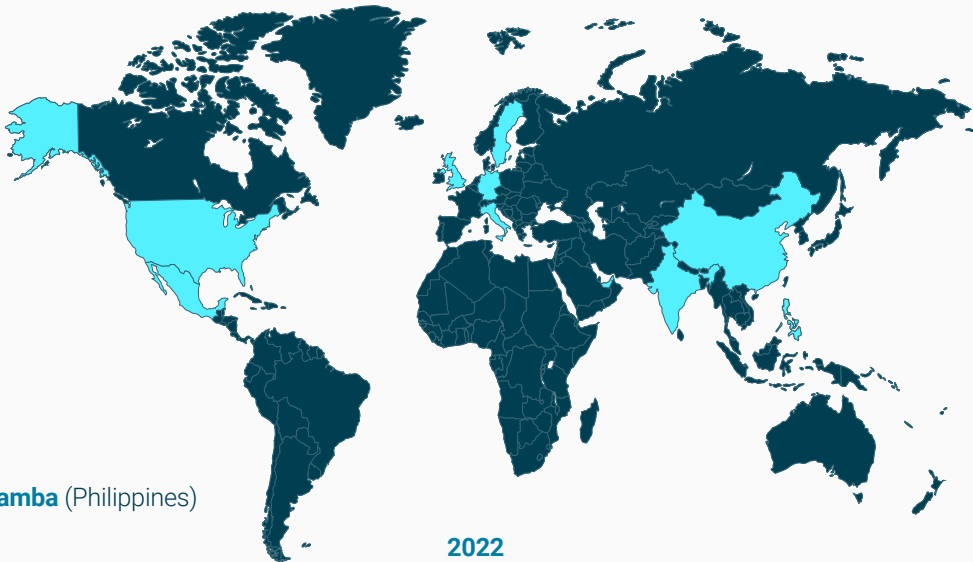
² Major facilities are defined as the 21 manufacturing facilities that contribute most significantly to Xylem's water, waste, or GHG metrics, or are in areas with extremely high water-stress risk.

2023

- Calamba** (Philippines)
- Chihuahua** (Mexico)
- Emmaboda** (Sweden)
- Herford** (Germany)
- Lubbock**, Texas (USA)
Morton Grove, Illinois (USA)
Pewaukee, Wisconsin (USA)

2022

- Dubai** (United Arab Emirates)
- Nanjing** (China)
- Montecchio** (Italy)
- Texarkana**, Arkansas (USA)



Resource use and waste management

Advancing circularity across the business

Our approach to the circular economy is guided by the vision and principles outlined in ISO 59004:2024. We strive to minimize resource use while maximizing efficiency and effectiveness through product design, operational management, and the solutions we deliver. This ambition has long been embedded in our company, providing a strong foundation for further progress. At the same time, fully realizing our ambition will require continued innovation, collaboration across our value chain, and deliberate, sustained action.

From raw material extraction to the impact our products have throughout their life cycle, we are committed to reducing resource consumption in manufacturing while maximizing the positive impact of our products during use. Our goal is to keep valuable resources in circulation for as long as possible, so that they can be reclaimed at the end of their life, while providing water treatment solutions that help our customers reduce their resource use.

To turn this vision into reality, we are actively investigating and implementing circular practices across our business. This includes designing for extended product lifespan, partnering with suppliers to increase the use of recycled materials, advancing circularity across our own operations and extending product lifespan through maintenance, and refurbishment.

Examples of circular initiatives:

- We aim to design products that are easy to disassemble, service, maintain, and repair. These design principles support efficient material separation at the product's end of life, enabling proper recycling.
- We collaborate with suppliers to incorporate secondary resources and recycle materials from our machining processes, reducing our reliance on virgin, non-renewable inputs. See page 39 of our [2024 Sustainability Report](#) to learn more about how we integrate recycled materials into cast iron production at our foundry in Emmaboda, Sweden.

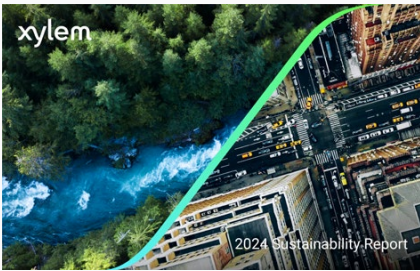
- Since 2019, we have prioritized waste reduction, water reuse, and sustainable packaging as part of our 2025 Sustainability Goals. To date, 19 of our 21 major facilities have eliminated process waste, and 19 facilities recycle 100% of their process water.
- A spare parts policy guarantees availability of spare parts for our Flygt pumps and mixers for up to 20 years (depending on the model). Read more [here](#).
- Our wastewater ion exchange solutions help customers recover valuable resources from industrial wastewater and reduce waste. More details available on page 41 of our [2024 Sustainability Report](#).

Waste management

Our concerted efforts to increase waste diversion from landfills at our larger facilities are yielding substantial results. Through on-site initiatives and collaborative efforts with suppliers, we are actively reducing packaging, enhancing waste segregation practices, optimizing recycling processes, and exploring innovative reuse methods. In 2024, Xylem **recycled 31,361 metric tons of waste representing approximately 61% of the waste generated**.

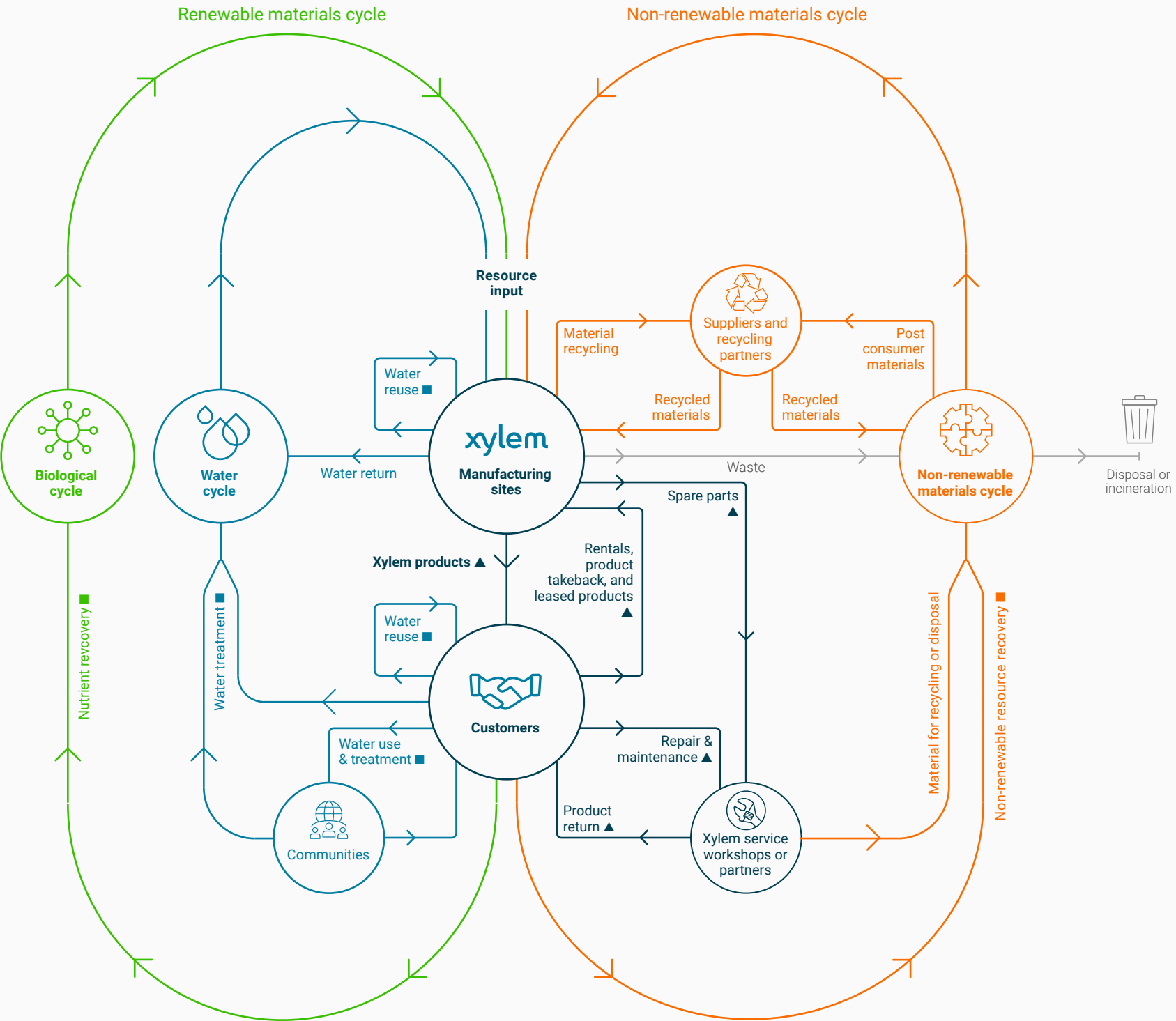
Waste management (in metric tons)

Total waste recycled	31,361
Total waste to non-landfill	13,602
Total waste to landfill	6,544
Total waste	51,507



[Learn more about our operational sustainability initiatives on pages 31–41 of our 2024 Sustainability Report.](#)

Resource use and circular economy



Xylem products – The products, solutions, and services provided by Xylem.

Renewable materials – Materials derived from biological sources, such as wood or paper.

Water – Water in liquid or vapor form.

Non-renewable materials – Finite resources, such as iron or copper.

■ Xylem product use
When our products treat, transport, or measure water – or recover biological nutrients, non-renewable resources, or energy – they help sustain resource flows within the water, biological, and technical cycles.

▲ Xylem products & spare parts
When our products and spare parts are physically moved – whether from our manufacturing sites to customers, between customers and partners, or back to Xylem.