

Protecting and Sustaining the World's Most Valuable Resource:

WATER

AT EVOQUA, WE CONSTANTLY REINFORCE OUR COMMITMENT TO THE SUSTAINABLE MANAGEMENT OF FRESHWATER RESOURCES.

Most people think of water when they take showers, wash laundry, or drink a glass of water. But much more of our daily lives relies on clean, accessible water.

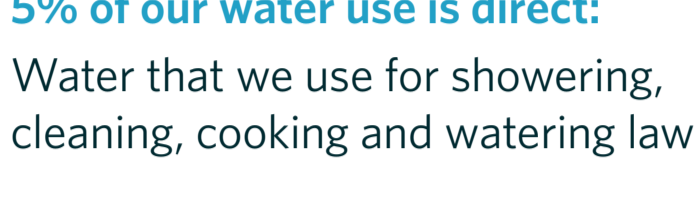
Access to clean water is a fundamental human right—yet the world faces complex water issues around water scarcity, emerging contaminants and climate change.

Together, we can chart a course to ensuring the availability and sustainable management of water and sanitation for all by optimizing water use in five key areas:



WATER IS AN INTEGRAL PART OF OUR LIVES—BUT DID YOU KNOW ...

DIRECT & INDIRECT WATER USE

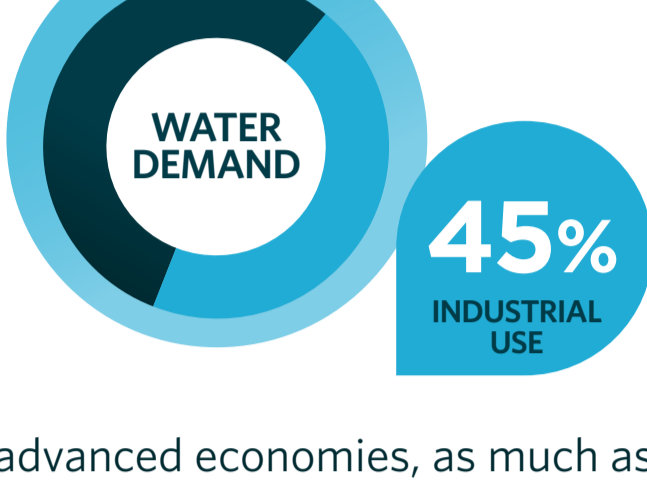


5% of our water use is direct: Water that we use for showering, cleaning, cooking and watering lawns¹

The remaining 95% is our "hidden" or indirect water footprint:

Water that is used to produce the food that we eat, energy that we consume, and products that we buy¹

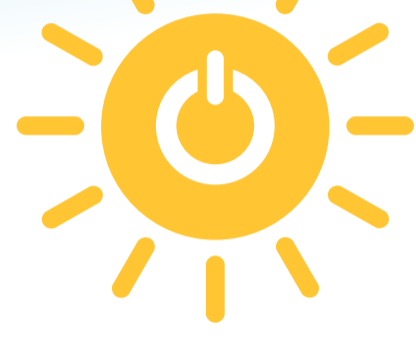
INDUSTRIAL CONSUMPTION



In advanced economies, as much as **45% of all water demand is generated by industry**²



It takes **2707 litres** of water to grow cotton for one t-shirt³, and **6814 litres** for one pair of jeans³

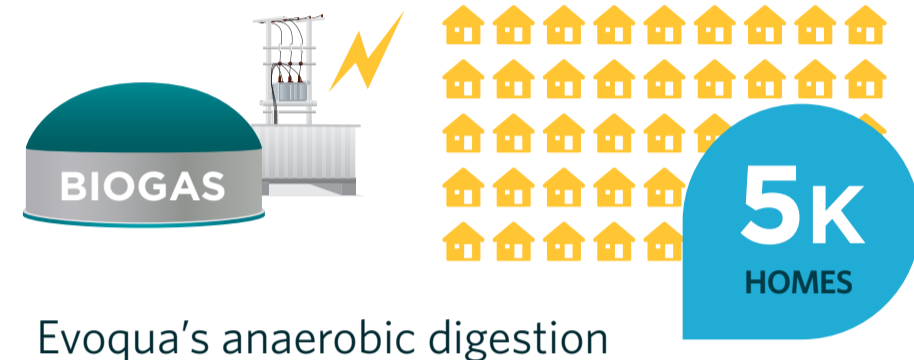


ENERGY

USING MORE ENERGY-EFFICIENT WATER TREATMENT METHODS—AND CREATING NEW ENERGY SOURCES FROM WASTEWATER



60% of total greenhouse gas emissions result from energy creation, making it the dominant contributor to climate change⁴



Evoqua's anaerobic digestion technology creates enough electricity to power approximately **5,000 homes per day***

Biogas is a source of renewable energy
ThaiBev replaced **80%** of its heating requirements with renewable biogas from wastewater⁵



Even small improvements in facility operations can make big differences



Evoqua has reduced water and electricity usage at five manufacturing facilities by **26%** and **6%** respectively since FY17**



HEALTHY WATER

CREATING HEALTHY AND SAFE DRINKING WATER FOR ALL

31 MILLION People lack even a basic drinking-water service in the EU⁶



48 MILLION People in Europe lived in places that did not meet water safety regulations in 2019⁶



Evoqua's technology is filtering emerging contaminants to create clean drinking water, making a concrete difference in Burkina Faso, and across the world⁷



3 Evoqua helped **Water-4-Nations** supply 3 Haitian villages with clean and safe drinking water



CIRCULAR ECONOMY

MAXIMIZING WATER REUSE

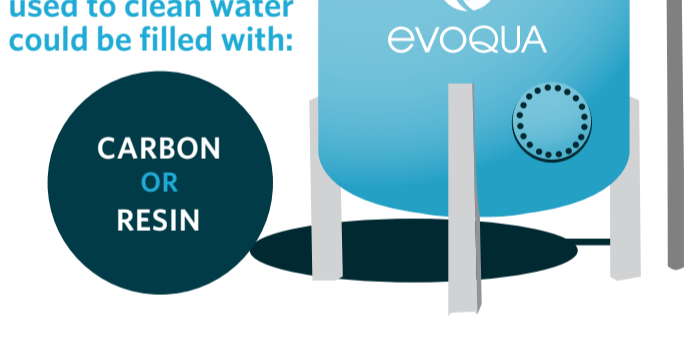
By 2025, half of the world's population will be living in water-stressed areas⁸

Water reuse and recycling technologies help provide safe water supplies and reduce strain on freshwater resources



Carbon and Resin reactivation reduces waste and carbon emissions

Evoqua's carbon reactivation facilities in FY19 alone prevented our customers from landfilling **25,080 m³** of carbon



That's the equivalent of covering 17 football fields with over 30 cm of carbon



For every 1 ton of waste Evoqua sent to landfill, **2.2 tonnes** was sent to be recycled**



CLIMATE CHANGE

MITIGATING THE IMPACTS OF EXTREME WEATHER WITH MOBILE WATER UNITS



Evoqua has a significant mobile water treatment fleet to mitigate the extreme effects of climate change



SMART WATER

CREATING INTEGRATED SYSTEMS FOR WATER, ENERGY AND SERVICE EFFICIENCY

Remote monitoring ensures reliable, worry-free water for customers



ORGANISATIONS AROUND THE WORLD FIGHTING TO PRESERVE WATER WITH EVOQUA:

- British Water Membership
- China British Business Council
- Chartered Institution of Water and Environmental Management/Water UK
- Water Environment Federation
- WaterReuse
- Global Water Intelligence
- National Rural Water Association
- Water & Wastewater Equipment Manufacturers Association
- American Water Works Association
- U.S. Water Alliance

Every action, no matter how small, moves us closer to a more sustainable future.

Transforming water. Enriching life.®

Follow along at www.evoqua.com as we embark on our Year of Water.



NOTES

*Evoqua Water Technologies' anaerobic wastewater treatment systems produce around 540,000 m³ per day of biogas at installations around the world. This is utilized to produce an estimated 2,000,000 kWh of heat and 170,000 kWh of electricity every day. This estimate is based on average home electricity usage provided by the U.S. Energy Information Administration.

**This covers our facilities in Colorado Springs, Colorado, Holland, Michigan, Tewksbury, Massachusetts, Thomasville, Georgia and Union, New Jersey.

SOURCES

Disclosure: All data cited is from the following references. Evoqua takes no position on their accuracy.

- 1 <http://www.watercalculator.org/>
- 2 <https://www.ge.com/reports/global-thirst-water-use-industry/>
- 3 <http://www.thefashionlaw.com/home/how-many-gallons-of-water-does-it-take-to-make-a-single-pair-of-jeans>
- 4 <https://www.un.org/sustainabledevelopment/energy/>
- 5 <https://www.evoqua.com/en/brands/adi-systems/Pages/bvf-reactor-replaces-thaibev-heating-requirements.aspx>
- 6 <https://sdg.iisd.org/news/who-and-unicef-find-inequitable-access-to-water-and-sanitation-in-europe>
- 7 https://www.evoqua.com/en/brands/Wallace_and_Tiernan/Pages/nasso-burkina-faso-osec-b.aspx
- 8 <https://www.who.int/news-room/fact-sheets/detail/drinking-water>