

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 rely on clean, accessible water.

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:

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



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

DIRECT & INDIRECT WATER USE

5% DIRECT USE
Water that we use for showering, cleaning, cooking and watering lawns¹

95% INDIRECT USE
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

45% INDUSTRIAL USE
In advanced economies, as much as 45% of all water demand is generated by industry²

715 GALLONS
1.8K GALLONS
It takes 715 gallons of water to grow cotton for one t-shirt³, and 1,800 gallons for one pair of jeans³

EVOQUA'S ROLE IN BUILDING A MORE SUSTAINABLE WATER SYSTEM



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

5K HOMES
Evoqua's anaerobic digestion technology creates enough electricity to power approximately 5,000 homes per day⁵

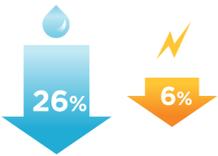
Biogas is a source of renewable energy
ThaiBev replaced 80% of its heating requirements with renewable biogas from wastewater⁵

80% RENEWABLE BIOGAS

Even small improvements in facility operations can make big differences



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



HEALTHY WATER

CREATING HEALTHY AND SAFE DRINKING WATER FOR ALL

785 MILLION
People lack even a basic drinking-water service worldwide⁶

77 MILLION
Americans lived in places that did not meet water safety regulations in 2015⁷

Evoqua's technology is filtering emerging contaminants to create clean drinking water, making a concrete difference in Burkina Faso, and across the world⁸

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 areas**⁹

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 **14,250 tons** of carbon

This tank that is used to clean water could be filled with:
CARBON OR RESIN

That's the equivalent of covering 18 football fields with 1 foot of carbon

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

22 MILLION GALLONS
Number of annual gallons a Gulf Coast industrial plant reduced its wastewater discharge by, nearly achieving its zero discharge goal with Evoqua's help



CLIMATE CHANGE

MITIGATING THE IMPACTS OF EXTREME WEATHER WITH MOBILE WATER UNITS

25.3 MILLION PEOPLE EACH YEAR
Are displaced by sudden-onset disasters¹⁰

19,000 RESIDENTS
Were at risk of losing municipal water when an Arizona community ran out of potable water - before Evoqua installed rapid response mobile units to provide emergency clean water



Evoqua has one of the largest mobile water treatment fleets in North America 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



Steam is the most widely used and most dependable form of sterilization in hospitals¹¹

30-35
Surgeries at St. Luke's Hospital are performed daily and require sterilized instruments¹²

2017
Year St. Luke's started using Evoqua's smart water solutions to control water quality for sterilization¹²

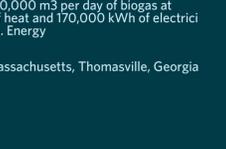


ORGANIZATIONS AROUND THE WORLD FIGHTING TO PRESERVE WATER WITH EVOQUA:

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

Every action, no matter how small, moves us closer to a more sustainable future that transforms water and enriches life.

Follow along at www.evoqua.com.



NOTES

¹Evoqua 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.

²This 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://www.who.int/news-room/fact-sheets/detail/drinking-water>
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 - 8 https://www.evoqua.com/en/brands/Wallace_and_Tiernan/Pages/nasso-burkina-faso-osec-b.aspx
 - 9 <https://www.who.int/news-room/fact-sheets/detail/drinking-water>
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 - 12 <https://www.evoqua.com/en/markets/healthcare/Pages/Reliable-water-for-central-sterilization.aspx>