

global water reuse

Wastewater reuse helps address growing global water scarcity



1 billion people globally do not have access to clean, drinkable water.



Global water requirements will **↑ 50%** in **20 years**

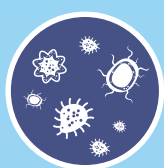


By 2030, half the world population will face **water scarcity**.¹

water reuse

3-step process of treating wastewater

1



Ultrafiltration of treated wastewater **removes solids, oils and bacteria.**

2



Reverse osmosis pushes the treated wastewater through a fine plastic membrane that **filters out viruses and pharmaceuticals.**

3



Ultraviolet light removes any **remaining organic compounds.**

facts



Recycled sewage will be a normalized source of drinking water in cities around the world **within 30 years**.²



Global underutilization of wastewater is comparable to the **outflow from the Mississippi River** into the Gulf of Mexico for 14 months.³

Percent of generated wastewater treated, by country:



70% High-income countries

38% Upper-middle income countries

28% Lower-middle income countries

8% Low-income countries

stats



In Texas, water reuse projects and plants are **using potable-reuse technology** to **produce 2-5 million gallons** of water a day.⁴



Florida **reuses 660 million gallons** of reclaimed water **each day**.⁵



Only about **32% of the wastewater** generated in **Asia** is treated.⁶



Perth, Australia will receive up to **20% of its drinking water** from **reclaimed sources** in coming decades.⁷



China experiences a water deficit of **10.5 trillion gallons** each year.

For more information, visit www.dupont.com/water/

Sources:

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