

# Worldwide Wastewater Facts

4.5 billion people

4.5 billion people worldwide lack safely managed sanitation services.



Diseases transmitted through human waste contaminated water include diarrhea, cholera, dysentery, typhoid and hepatitis and **cause 115 deaths every hour in Africa alone.**

115 deaths

2%

In studies funded by the Bill & Melinda Gates Foundation, they estimate

that, in some areas, **less than 2 percent of the fecal waste** is being properly treated, with the rest being released to the environment untreated.



361,000

children

361,000 children under 5 die yearly due to diarrhea caused by poor sanitation and contaminated water.



World Health Organization



According to the WHO/UNICEF Joint Monitoring Program, **27 percent of the global population (1.9 billion people)** use private sanitation facilities connected to sewers that treat wastewater.

27%

By 2030, **74 percent of the world's population** will live in sub-Saharan Africa or Asia, where clean water is the scarcest.

\$ 290

million

The Ghana government estimates that poor sanitation costs the Ghana economy **more than \$290 million per year.**