



SANITIZING WATER USING SUNLIGHT

→ Clean drinking water is a basic human need. Using filters and sunlight, this solution provides clean drinking water, employment, and economic opportunity for rural developing communities.



ECONOMIC

UV Waterworks can provide clean drinking water at less than \$10 per person, while providing employment and profit opportunities for a community.



SOCIAL

Roughly 3.75 million people die every year as a result of water-borne diseases.



ENVIRONMENTAL

More than 5 million people have access to clean drinking water via the UV Waterworks system.



www.waterhealth.com

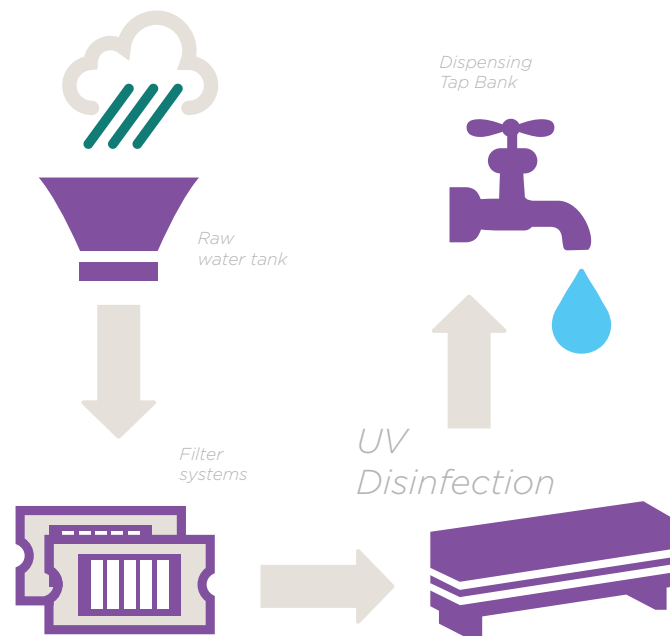
THE SOLUTION

! Using off-the-shelf filtration and UV-light disinfection, UV Waterworks provides clean drinking water for more than 5 million people in India, Bangladesh, Ghana, and the Philippines. According to UV Waterworks, the sole distributor of this water-purification system, it can provide a decade of healthy drinking water at less than \$10 per person, and exceed WHO standards for quality.

The solution is a modular system comprising a range of filtration, osmosis, and UV filtration technologies. The system is maintained locally, and monitored in real-time for quality control, by UV Waterworks.

WHY A SUSTAINIA100 SOLUTION?

? Clean drinking water is a basic human need. Yet billions of people across the developing world do not have access to it. This technology, patented in the mid-1990s, is widely deployed, already improving the lives of more than 5 million people in India, Bangladesh, Ghana, and the Philippines. A one-time community investment provides immediate health and well-being benefits, as well as employment and profit, as the community retains ownership of the facility.



REVITALIZING THE GHETTO

→ Once a ghetto-like neighborhood with chronic flooding problems, a district of Malmö, Sweden has been transformed into a top destination for newcomers to the city.



ECONOMIC

Augustenborg today is an attractive neighborhood in which the turnover of tenancies has decreased by almost 20%.



SOCIAL

According to the City of Malmö, about 1 of 5 citizens participated in activities related to the revitalization.



ENVIRONMENTAL

Today, Augustenborg is a test-bed for numerous sustainable projects related to solar energy, waste management, electrical trains, and EV carpooling.



www.malmo.se/sustainablecity

THE SOLUTION

! Lack of retrofitting, and flooding due to undersized draining, left the Augustenborg district socially challenged by the end of the 1990s. Since then, a green revitalization of the neighborhood transformed it into one of the most popular places to live in Malmö.

Green rooftops, including Scandinavia's first botanical rooftop garden, improve residents' quality of life and ensure 20% less rainwater reaches the streets. A visible system of natural draining (streams and creeks) provides effective protection against floods and serves as the green and blue lungs of the city.

The revitalization process was carried out in close collaboration with residents, resulting in high levels of citizen engagement to the present day.

WHY A SUSTAINIA100 SOLUTION?

? Holistic urban planning emphasizing sustainability and local needs can radically change the appearance and attractiveness of neighborhoods. Sustainability can be a driver of social change, and the experiences from Augustenborg are now being replicated in neighborhoods across Sweden.



Photo: City of Malmö