

# Microsoft water access project portfolio

End of FY24

Project no.	Project name	Implementation party	Priority location	Project activity	Contract FY/ Operational FY	People reached in FY24 \$
1	<a href="#">Financing access to clean water around the world</a>	Water.org	Brazil India Indonesia Mexico	Access to clean water and sanitation through microloans	Brazil: 2021/2022 India: 2021/ 2021 Indonesia: 2021/2021 Mexico: 2021/2022	Brazil: 62,986 India: 1,037,735 Indonesia: 455,191 Mexico: 2,232
2	<a href="#">Building a clean water well in rural Chile</a>	Agua Segura	Santiago, Chile	Access to clean water through new well construction, water treatment	2023/2023	3,894
3	<a href="#">Purifying water for Chilean schools</a>	Agua Segura	Santiago, Chile	Access to clean water through water treatment	2023/2023	1,065
4	<a href="#">Providing students with clean water in Mexico</a>	Planet Water Foundation	Querétaro, Mexico	Access to clean water through water treatment and access to handwashing facilities	2023/2024	3,600
5	<a href="#">Providing students with clean water in India</a>	Planet Water Foundation	Pune, India	Access to clean water through water treatment and access to handwashing facilities	2023/2024	3,600
6	<a href="#">Turning air to water for Navajo families in the US</a>	Source Global	Arizona, United States of America	Access to clean water through air-to-water generation	Phase I: 2023/2024 Phase II: 2024/2024	330
7	<a href="#">Harvesting rainwater for Malaysian schools</a>	CLEAN International	Kelantan, Malaysia	Access to clean water through rainwater harvesting and treatment	2024/2024	3,480
8	<a href="#">Connecting rural communities to water in Chile</a>	Agua Segura	Santiago, Chile	Access to clean water through new well construction	2024/2024	6,600

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9	<a href="#">Providing water to underserved Río de Janeiro communities</a>	Agua Segura	Rio de Janeiro, Brazil	Access to clean water through rainwater harvesting, water treatment, water storage and distribution	2024/2024	1,749
10	<a href="#">Expanding access to water in Kenya</a>	charity: water	Nairobi, Kenya	Access to clean water through well construction, water storage and distribution, water treatment	2024/Under implementation	Under implementation (Target – 6,750)
11	<a href="#">Increasing water and hygiene access in Nigeria</a>	WaterAid	Lagos, Nigeria	Access to clean water, sanitation and hygiene through water system rehabilitation	2024/Under implementation	Under implementation (Target – 20,660)
12	<a href="#">Transforming sugarcane into lifesaving water in India</a>	Botanical Water Technologies	Nagpur, India	Access to clean water through water harvesting from manufacturing processes	2024/ Under implementation	Under implementation (Target – 16,000)
13	<a href="#">Funding safe drinking water for schools in Kenya</a>	Aqua Clara	Nairobi, Kenya	Access to clean water through rainwater harvesting, water treatment	2024/Under implementation	Under implementation (Target – 50,000)

**Footnotes:**

*\$ Based on progress reported by implementation party.*

# Detailed overview of Microsoft-funded water access projects

## 1. Water.org: Financing access to clean water around the world

Water.org is improving access to clean water, sanitation, and hygiene services across 10 states in Brazil, 18 states in India, 11 states in Indonesia, and 2 states in Mexico. Through this project, Water.org collaborated with microfinance institutions that offer loans for water and sanitation solutions to people in need. Microsoft's funding enabled Water.org to provide partners with technical assistance, program development, market assessment, demand generation, and training. Once a loan is repaid, the funds are provided to another family in need, creating a sustainable cycle of positive impact within the community. As a result of this collaboration, Water.org was able to reach vulnerable populations in these countries, including women and those living in rural areas.

## 2. Agua Segura: Building a clean water well in rural Chile

In collaboration with the municipality of Curacaví, Agua Segura developed a water access project for the Cerillo community. The initiative involved constructing a new water well and developing four educational workshops focused on promoting hygiene, health habits, and water sustainability awareness. Additionally, this project supported improving the local water treatment and the quality of water consumed by the community.

## 3. Agua Segura: Purifying water for Chilean schools

Agua Segura partnered with schools and communities in Quilicura and Colina, Chile to provide water access to over 1,000 school children. Agua Segura implemented a three-step water treatment system featuring ultrafiltration technology that removes pollutants such as nitrates and nitrites, ensuring water is free of viruses, bacteria, and parasites. In addition to the system, Agua Segura conducted awareness workshops on hygiene and health habits.

## 4. Planet Water Foundation: Providing students with clean water in Mexico

Planet Water Foundation has undertaken initiatives to provide students and teachers in Querétaro, Mexico, with access to clean water by installing new AquaTower systems at two local schools. Communities in Querétaro mainly rely on deep wells contaminated by agricultural and industrial

activities for their water needs, leading to waterborne diseases. These health issues, particularly among children, frequently disrupt school attendance. Through this project, the AquaTower systems can treat up to 1,000 liters of water per hour, effectively addressing water contamination for the schools. Planet Water also provided handwashing facilities, reusable cups for students, and hygiene education for the Querétaro community.

### **5. Planet Water Foundation: Providing students with clean water in India**

Planet Water Foundation has undertaken initiatives to provide students and teachers in Pune, India, with access to clean water by installing new AquaTower systems at two local schools. Communities in Pune rely on bore wells for their water needs, but these water sources are often contaminated with harmful bacteria that cause waterborne diseases. These health issues, particularly among children, frequently disrupt school attendance. Through this project, the AquaTower systems can treat up to 1,000 liters of water per hour, effectively addressing water contamination for the schools. Planet Water also provided handwashing facilities, reusable cups for students, and hygiene education for the Pune community.

### **6. Source Global: Turning air to water for Navajo families in the US**

Over 40% percent of homes across the Navajo Nation in the southwestern US do not have running water and 30% lack access to reliable, clean drinking water, a crisis driven in part by severe drought and groundwater contamination. To help address these challenges, Source Global partnered with the Navajo Nation Chapter Leaders to install Source Hydropanel systems for 100 Navajo families. These solar-powered hydropanels harvest moisture from the air to produce over 6 million liters of drinking water over their lifetime. This project is also expected to reduce the need for 14 million plastic water bottles.

### **7. CLEAN International: Harvesting rainwater for Malaysian schools**

CLEAN International, Gravity Water, and Water Watch Penang are partnering with government officials and schools located in the state of Kelantan in Malaysia to improve water access in 50 schools. CLEAN International installed rainwater harvesting systems over a two-year period, integrating a three-tier filtration system that eliminates 99.9999% of bacteria. CLEAN International will ensure that filters are replaced and that systems are functioning properly. Additionally, teachers and students will receive training on the use and maintenance of the rainwater harvesting system, along with education on water conservation and water, sanitation, and hygiene (WASH) principles.

## **8. Agua Segura: Connecting rural communities to water in Chile**

Agua Segura, in collaboration with the municipality of Colina and local Rural Potable Water (APR) programs, successfully improved water access in the communities of Quilapilún and Santa Filomena - San Luis. In Quilapilún, upgrades to existing infrastructure allowed 70 additional families to be connected to the water supply, addressing a critical need in the area. Meanwhile, in Santa Filomena - San Luis, the donation of equipment restored the functionality of an existing well, ensuring continued access to clean water for approximately 1,350 families. This initiative addressed both immediate and long-term water security needs for these rural communities.

## **9. Agua Segura: Providing reliable water to underserved Río de Janeiro communities**

Agua Segura is partnering with TETO Brazil to improve access to clean water in four underserved communities in Río de Janeiro, Brazil. Located near a mangrove swamp, these communities face intermittent water supply that is often contaminated. This initiative includes 15 community reservoirs, a two-year supply of water filters for 200 families, and five filters placed in community centers, health posts, and schools. Agua Segura will monitor the project for 10 years following implementation.

## **10. charity: water: Expanding access to water in Kenya**

In Makueni County, Kenya, only 35% of the population has access to an improved water source. charity: water is bringing clean water to 6,750 residents. The project includes drilling deep boreholes and constructing solar-powered piped water systems with in-line chlorination, and providing 19 tap stands across the community and at a local school. charity: water is working with its local partner to perform groundwork, including initial site assessments and site selection, surveys, project construction, community water committee facilitation, trainings, system handover, monitoring, and technical assistance.

## **11. WaterAid: Increasing water and hygiene access in Nigeria**

WaterAid is working with government agencies in Lagos, Nigeria to bring water access and sanitation services to 20,660 residents in select communities. WaterAid will rehabilitate four non-functional water systems and a sanitation facility with a hand washing station at a local school. The project also aims to strengthen hygiene practices and water access, and governance around water, sanitation, and hygiene (WASH). This will be accomplished by expanding access to WASH services, scaling up hygiene and sanitation behavior change campaigns, and strengthening government and community engagement in WASH institutional governance.

## **12. Botanical Water Technologies: Harvesting water from sugarcane in Nagpur, India**

Botanical Water Technologies (BWT) partnered with INNOVITIQ, Manas Agro Industries & Infrastructure, and Jankalyankari Samiti to bring an innovative water access strategy to Nagpur, India. BWT will deploy Water Harvesting Units to collect and treat condensate from processed sugarcane at a local sugar mill, producing 60 million liters of water annually for a minimum of three years. This potable water will be distributed to over 16,000 residents across nearby villages, addressing longstanding challenges with water accessibility, improving the quality of life for these communities, and reducing dependence on groundwater extraction.

## **13. Aqua Clara: Funding safe drinking water for schools in Kenya**

Aqua Clara Kenya is enhancing access to safe drinking water for over 50,000 school children in western Kenya. This initiative includes installing rainwater harvesting and purification systems at 100 schools in the Bomet and Kericho counties. Aqua Clara will maintain these systems for at least 10 years by training school personnel in their upkeep. Additionally, they will provide water, sanitation, and hygiene (WASH) education to students.