

The World Vision logo, featuring the text "World Vision" in a bold, black, sans-serif font, followed by a registered trademark symbol. To the right of the text is an orange square containing a white four-pointed star.

World Vision®

A photograph of two young boys at a public water tap. The boy in the foreground, wearing a grey shirt, is smiling broadly at the camera while leaning over the tap. The boy in the background, wearing a maroon shirt, is also smiling and looking towards the camera. Water is flowing from the tap into a blue container. The background is a blurred outdoor setting with a light-colored wall.

WATER

GLOBAL WATER FUND »

SEMIANNUAL REPORT: October 2022 through March 2023

Prepared July 2023

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*“Truly I tell you,
whatever you did
for one of the least of
these brothers and
sisters of mine, you
did for me.”*
—Matthew 25:40 (NIV)

Water brings new opportunities

Charity used to spend many of her waking hours looking for water from shallow wells or streams, leaving little time for her basket-making business. “My family and I lived in poverty due to the scarcity of water in my village,” she said.

After World Vision drilled a borehole in Shapola village in Zambia’s Chongwe East area program (AP), Charity no longer has to spend valuable hours hauling unsafe water. “I now have time to make my baskets ... The money helps me buy our household’s basic needs,” she said. “I have even started growing tomatoes for selling [see photo at right]. It is a dream come true for me because the future looks so bright for my family and I.”





GLOBAL SUMMARY

This report covers the first six months of the third year of our Global WASH Business Plan (fiscal years 2021-2025). It also is our first report since World Vision committed to reaching 30 million people worldwide with clean water between FY23 and FY30. And, importantly, we can share that before this fiscal year is out, we will celebrate achieving an ambitious goal: our 2018 commitment to reach everyone, everywhere we work in Rwanda, with clean water. With your support, we have surpassed our target of reaching 1 million people in Rwanda and are nearing the finish line of providing basic water access in all 39 sectors.

In the first half of FY23, we met or exceeded our global targets by reaching 1,104,840 people with clean water (103% of target), 929,172 people with improved sanitation (148% of target), and 1,127,878 people with handwashing facilities (104% of target).

In line with the commitment to deepen our focus on the most vulnerable, nearly 95% of people reached with clean water live in some of the world's most difficult and dangerous places. In response to humanitarian crises that included civil war, drought, and famine, we reached 313,972 people with emergency water and 491,406 people with emergency hygiene supplies. This included significant efforts in Angola, the Democratic Republic of the Congo (DRC), Ethiopia, Kenya, Rwanda, and Somalia.

For the first time, and as part of our effort to finish the job, our team in Rwanda reached more people (190,771) with clean water during this reporting period than in any of the other countries in which World Vision works—surpassing Ethiopia (157,975 people reached) as the country where we have had the largest impact on clean water access. Our WASH team in Rwanda has now reached 1.1 million people with clean water, exceeding their target by 100,000 since the project began in 2018, and representing more than a four-fold increase in the

number of people accessing clean water each year. The next countries in line to finish the job are Zambia, where we plan to reach 800,000 people with clean water by 2025, and Honduras, where our goal is to reach 650,000 people by 2027.

Consistent with our business plan goals to increase the level of water supply, we installed more community taps (28%) and household water connections (69%) and fewer hand pumps (3%). To support water system maintenance and operations, we worked with communities to establish and train 2,201 water committees (164% of target). And, recognizing the significant role of faith leaders as influencers in their communities, we trained 4,524 leaders (185% of target) to promote healthy hygiene and sanitation behaviors.

On top of our efforts to deliver clean water to households, we provided 164 health centers and 469 schools with access to water, and 256 health facilities and 1,381 schools with handwashing stations.

Another top priority for World Vision is to empower women. To that end, we saw 1,194 women begin WASH-related businesses and 1,914 women trained on WASH advocacy. During this reporting period, we began work funded by the Strong Women Strong World campaign, which intentionally combines our water and economic empowerment programming and measures the empowerment of women and girls through a collaboration with Emory University.

Thank you for your partnership to help the most vulnerable with life-saving, transforming access to water, sanitation, and hygiene.

GLOBAL REACH

1,104,840 PEOPLE

*gained access to clean drinking water**

929,172 PEOPLE

gained access to improved household sanitation

1,127,878 PEOPLE

gained access to handwashing facilities



FY23 SEMIANNUAL ACCOMPLISHMENTS

21,129 water points built

FY23 semiannual target: 18,853

112%

163,363 sanitation facilities built

FY23 semiannual target: 109,543

149%

234,459 household handwashing facilities built

FY23 semiannual target: 188,981

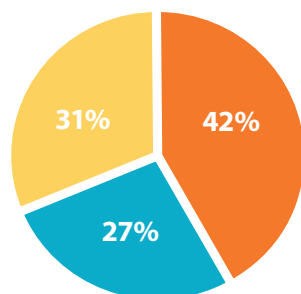
125%

2,201 WASH committees formed

FY23 semiannual target: 1,343

164%

FY23 SEMIANNUAL SPENDING



\$71 MILLION spent on global WASH programs during the first half of FY23

- World Vision U.S. and Other World Vision Offices – Private Funding (\$29.7 million)
- World Vision U.S. and Other World Vision Offices – Sponsorship (\$19.5 million)
- Government, International, Local – Grants and Resource Development (\$21.8 million)

* This figure includes all water participants (1,104,840) in the first half of FY23. Of these, 462,306 were reached with World Vision U.S. private funding. These 462,306 people with access to water represent many of the same participants who received access to sanitation and household handwashing facilities.

GLOBAL ACHIEVEMENTS

World Vision uses indicator tracking tables (ITTs) to monitor the success and progress of our programs. Below is the Global WASH ITT for the first half of FY23. As seen below, many semiannual targets were met or exceeded.

OUTCOMES AND OUTPUTS	FY23 Semiannual Target (Global)	East Africa (Achieved)	South Africa (Achieved)	West Africa (Achieved)	Latin America and Caribbean (Achieved)	Asia-Pacific (Achieved)	Middle East (Achieved)	FY23 Semiannual Achieved (Global)	Achieved vs. Target (Global)
Water Supply and Security									
People reached with safer, more accessible drinking water	1,068,456	510,194	281,546	157,693	34,840	42,331	78,236	1,104,840	103%
Children reached with safer, more accessible drinking water in schools	161,397	92,729	63,390	24,020	2,997	48,271	10,334	241,741	150%
Successful boreholes completed and commissioned in communities, schools, and health centers	519	76	295	118	0	70	0	559	108%
Taps installed from successful water supply systems in communities, schools, and health centers	17,700	3,841	2,524	774	2,786	4,466	3,218	17,609	99%
Nonfunctioning water points rehabilitated in communities, schools, and health centers	634	361	370	62	1,569	554	45	2,961	467%
Schools gaining access to safer drinking water on site	564	150	82	59	22	138	18	469	83%
Healthcare facilities gaining access to a basic drinking water service	155	63	25	22	4	44	6	164	106%
Sanitation and Hygiene									
People gaining access to household sanitation	629,494	301,232	451,089	127,176	11,477	35,640	2,558	929,172	148%
People gaining access to handwashing facilities	1,080,877	322,789	437,803	226,763	25,731	114,514	278	1,127,878	104%
Children gaining access to sanitation facilities in schools	84,459	24,729	24,277	25,148	4,453	11,194	10,546	100,347	119%
Children gaining access to handwashing facilities in schools	236,389	65,850	133,435	53,961	3,735	57,308	9,406	323,695	137%
Schools gaining access to sex-separated, basic sanitation services (that comply with required ratios)	216	45	43	324	24	18	14	468	217%
Schools gaining access to improved sanitation for children/youth with limited mobility	215	50	43	42	23	19	15	192	89%
Schools gaining access to improved sanitation for girls, with facilities to manage menstrual hygiene	189	40	41	37	21	11	7	157	83%
Schools gaining access to basic handwashing facilities	917	252	316	624	23	149	17	1,381	151%
Healthcare facilities gaining access to a basic sanitation service	117	27	19	9	4	25	13	97	83%
Healthcare facilities gaining access to basic handwashing facilities	288	77	42	86	4	38	9	256	89%
Governance and Finance									
WASH committees formed and trained with a financing system in place for maintenance and repair	1,343	460	730	398	75	505	33	2,201	164%
Local businesses active in repair of WASH facilities and provision of WASH products	1,622	662	505	514	122	875	0	2,678	165%
Faith leaders trained to promote safe WASH practices	2,444	1,606	997	829	501	573	18	4,524	185%
Schools trained in planning and budgeting for WASH services	898	113	151	239	28	151	18	700	78%
WASH in Emergency Settings									
People with access to emergency drinking water supplies	0	246,816	59,682	1,500	0	5,974	0	313,972	N/A
People with access to emergency hygiene supplies	0	252,348	86,353	134,798	7,939	2,967	7,001	491,406	N/A
People with access to emergency sanitation systems	0	68,327	63,967	30,155	0	2,327	0	164,776	N/A
People with access to appropriate solid-waste disposal facilities	0	127,017	80	0	0	0	0	127,097	N/A

GLOBAL MAP



WORLD VISION'S WASH PROGRAM REGIONS & COUNTRIES IN 2023:

ASIA-PACIFIC

BANGLADESH
CAMBODIA
INDIA
INDONESIA
MYANMAR
PAPUA NEW GUINEA

LATIN AMERICA AND CARIBBEAN

BOLIVIA
EL SALVADOR
GUATEMALA
HAITI
HONDURAS
NICARAGUA

MIDDLE EAST

AFGHANISTAN
IRAQ
JORDAN
LEBANON
SYRIA

EAST AFRICA

BURUNDI
ETHIOPIA
KENYA
RWANDA
SOMALIA
SOUTH SUDAN
SUDAN
TANZANIA
UGANDA

SOUTHERN AFRICA

ANGOLA
DEMOCRATIC REPUBLIC
OF THE CONGO
ESWATINI
LESOTHO
MALAWI
MOZAMBIQUE
ZAMBIA
ZIMBABWE

WEST AFRICA

CENTRAL AFRICAN
REPUBLIC
CHAD
GHANA
MALI
MAURITANIA
NIGER
SENEGAL
SIERRA LEONE

PARTNERSHIPS UPDATE



charity: water

charity: water

- Partner since 2012
- Areas of focus: WASH infrastructure, sanitation and hygiene promotion
- Locations: Ethiopia, Malawi, Mali, Mozambique, and Niger

The 2022 grants in Mali, Mozambique, and Niger (totaling \$6.8 million) were completed in February and March 2023. In Niger, 59,626 people gained access to clean water from 140 water points, the Mali grant provided 50,806 people with clean water from 168 water points, and the Mozambique grant provided 37,383 people with clean water from 107 water points. These countries launched new grants in February and March, with Mali approved for \$3 million, Niger for \$2.25 million, and Mozambique for \$2 million.

A \$900,000 Malawi project, which started in August 2022, completed its third quarter. Favorable exchange rate fluctuations led to funding for an additional 18 water points, bringing the total to 85. The Malawi team has submitted a proposal for another \$900,000 grant, and work should begin in August 2023.

The Ethiopia Tigray Emergency Recovery project, which was funded in 2021, recently closed, having restored clean water access to 59,660 people by rehabilitating seven existing water supply systems.



Children's Investment Fund Foundation

- Partner since 2018
- Areas of focus: WASH and health
- Location: Ethiopia

The five-year, \$27 million Geshiyaro project to address parasitic worm

infections and diseases is concluding in 2023, after reaching 2 million people in the Southern Nations, Nationalities, and People's Region.

A new \$79.8 million Water4Life+ project grant will span five years and reach 1.6 million people, targeting schools, health facilities, and communities with clean water through 396 wells, 50 capped springs, and rehabilitation of 48 existing water systems.



Conrad N. Hilton Foundation

- Partner since 1990
- Areas of focus: water supply, WASH in health facilities, governance and finance
- Locations: Ethiopia, Ghana, Mali, and Niger

The foundation hired Brett Gleitsmann as a program officer on the Safe Water Initiative team. He will manage our projects funded by the foundation.

Creating a district master plan in Ghana led to universal access across the Asutifi North district, successfully completing the four-year project (2019-2022). The project provided WASH services to 85 communities, 30 schools, and seven health facilities. It also provided sustainable, safe water to 53,754 people and strengthened governance of WASH services in communities, education facilities, and health facilities to ensure long-term sustainability.

In Ethiopia, the foundation approved a two-year, \$1.5 million grant to strengthen project design and implementation at health facilities through the Safe and Friendly Environment for Healthcare Facilities project. The ongoing Millennium Water Alliance-led project in Dera continues to strengthen service delivery systems by building institutional capacity and increasing access to safe and sustainable

WASH services at health facilities. The VIP latrine block constructed at Wanzaye clinic is benefiting 4,234 patients. At Wonchit, the water supply system is serving 7,000 people.

In Niger, the STREAM disinfectant chlorine generator is used to locally produce chlorine from common salt for health facilities. This has reduced the cost of buying chlorine by 60%. Two health centers (Addare and Kobadje) produce chlorine and distribute it to six additional facilities that cover about 28,322 people.

A study in Mali was carried out to identify how financing/budgeting decisions are made in the healthcare system and to identify key areas of advocacy to secure funding for WASH services.

All partners revised the national health monitoring tool to include WASH in health facility indicators and a scorecard to be used during facility inspections. The assessment test in Kolokani district recorded 27% (seven of 26) health facilities at green level, 73% (19 of 26) at yellow level, and none at red level.



Desert Research Institute (DRI) and Drexel University

- Partners since 2014
- Area of focus: capacity building
- Locations: 24 Africa WASH Program countries, plus Afghanistan, Haiti, Honduras, India, Indonesia, Iraq, Nicaragua, and Papua New Guinea

After a contract extension, the steering committee is discussing how the program will continue in the coming years, particularly after the current business plan ends in 2025.

The program celebrated the successful conclusion of in-person sessions with 33 students from DRI's Cohort 7 and 24 from Drexel's Cohort 9 completing the program. These 57 students will receive their International WASH Certificates.

PARTNERSHIPS UPDATE, CONTINUED

The FY23 WASH Capacity-Building Program began Cohort 8 registration for DRI (40 students) and Cohort 10 for Drexel (37 students), having already attended the first in-person residencies in Ghana and Eswatini. The current cohorts have participants from Africa, Bangladesh, El Salvador, Lebanon, Myanmar, and Nicaragua.



Golf Fore Africa

- Partner since 2012
- Areas of focus: water supply, sanitation, and hygiene promotion
- Location: Zambia

Golf Fore Africa (GFA) continued to support our goal to complete Zambia's Finish the Job plan in Manyinga, Mbala, Moyo, Mufumbwe, and Nkeyema APs. During the first half of FY23, GFA invested in four piped-water systems providing clean water to 1,723 people in communities and 1,232 students in schools. In addition, 2,850 people gained access to clean water from 268 taps installed from the Tobacco Board of Zambia water system built in partnership with a local water utility, and 5,704 people benefited from the installation of 28 hand pumps. A GFA-supported maternity wing at the Matushi Rural Health Center in Mufumbwe was handed over to the government in February, and 24 babies already have been born in this new facility.



Grundfos

- Partner since 2015
- Area of focus: water supply
- Locations: Chad, DRC, Ethiopia, Ghana, Honduras, India, Kenya, Lesotho, Mali, Mozambique, Niger, Rwanda, Somalia, South Sudan, Tanzania, Uganda, Zambia, and Zimbabwe

Through our strong partnership with Grundfos, we have reached

approximately 1.5 million people with basic water access since 2020. Grundfos continues to reinforce its commitment to provide technical support by working locally to improve procurement processes, training, and capacity building. In May 2023, World Vision met with Grundfos leadership at a steering committee meeting to discuss ways we can continue to improve our partnership, including co-creating strategies for improved implementation and quality.



P&G

- Partner since 2007
- Areas of focus: water treatment/purification, hygiene promotion, emergency response
- Locations: Bangladesh, Cambodia, El Salvador, Ghana, Honduras, India, Kenya, Mali, Myanmar, Nicaragua, Niger, Philippines, Senegal, and Zimbabwe

World Vision continues to provide P&G Purifier of Water packets and filtration materials to ensure families have clean drinking water in humanitarian emergencies. So far in FY23, more than 13 million P&G packets have been distributed in 11 countries. In our development projects, we strive to implement a bridge strategy through which packets and training on safe water treatment are provided while communities wait for a permanent, sustainable water source to be constructed.

To improve programming, we introduced new community and household monitoring surveys that have questions specifically designed to better understand our work in fragile contexts. All data will be collected using mWater and will be monitored frequently to ensure quality. These tools will be piloted by our teams in El Salvador, Ghana,

and Kenya. We aim to better align P&G programming with our Global WASH Business Plan, while ensuring we are reaching the most vulnerable, especially in fragile contexts.

In the second half of FY23, we will continue to assess the data being collected using mWater and work to develop a P&G dashboard that will improve visualization of our work, which will lead to stronger programmatic decision-making.



Sesame Workshop

- Partner since 2015
- Areas of focus: WASH in schools, behavior change, menstrual health
- Locations: Afghanistan, Ghana, Honduras, India, Iraq, Jordan, Kenya, Lebanon, Malawi, Mali, Mozambique, Niger, Rwanda, Syria, Zambia, and Zimbabwe

Expansion efforts are underway in several new countries. As reported in FY22, we are expanding WASH UP! into Guatemala and El Salvador; and WASH UP! Girl Talk into Kenya, Guatemala, and Honduras.

Kenya has completed its WASH UP! pilot, materials have been finalized, and the program is expanding this year to 26 new schools in the Strong Women Strong World implementation area. World Vision El Salvador completed its WASH UP! startup workshop, and Sesame began developing and adapting materials. Guatemala has been working with government stakeholders to ensure their buy-in on bringing WASH UP! to schools, and its startup workshop will take place in Q3. Honduras already has WASH UP!, and has begun working with new schools in the Strong Women Strong World program areas.

Girl Talk expansion is next on the list for Kenya and Honduras this fiscal year. Both countries have startup workshops happening in Q3 and Q4. Guatemala

PARTNERSHIPS UPDATE, CONTINUED

will start its process for Girl Talk in FY24. Sesame facilitated a workshop in Zimbabwe to refresh its materials for WASH UP! Girl Talk. The team there is creating additional modules for boys and working to update content based on stakeholder feedback.



Strong Women Strong World/ Clean Water Here

- Partners since: 2021
- Areas of focus: WASH, women and girls' empowerment, economic empowerment
- Locations: Guatemala, Honduras, Kenya, and Zimbabwe

In the first half of FY23 our programming focused on walking alongside community members in the Biblical Empowered Worldview process. We also worked in communities and schools to ensure essential water and sanitation infrastructure is in place, establishing new Savings for Transformation groups, and strengthening existing savings groups.

Our learning agenda for the Strong Women Strong World: Beyond Access program also is running strong. Honduras, Kenya, and Zimbabwe completed initial field surveys, which provide information beyond our typical baseline data, and enable field teams to nuance program interventions in the areas of greatest need. Guatemala will be conducting its initial survey in early Q3.

Working with our learning partner, Emory University, we confirmed our three core learning areas, which will be studied in the field in Q3 and Q4 with graduate research assistants from Emory. We will focus on:

1. Detailed documentation of women's water journeys

2. Gaining in-depth understanding of the broader impact of water access on women's lives

3. Understanding how best to engage men in this program to ensure they can help to empower women



University of North Carolina Water Institute (UNC)

- Partner since 2015
- Areas of focus: research and learning
- Locations: Ghana and Niger

UNC and World Vision have been improving supply chains and working with manufacturers to ensure that high-quality parts are available for water systems. Through purchase and use of a portable X-ray fluorescence device (which can easily be transported to different countries and has essentially no operational costs) we can see when tanks and taps are made from poorer-quality materials than their certifications indicate. Results have been presented to the government of Ghana and global working groups that include governments, industry, and the World Health Organization, which are taking steps to improve manufacturing and regulatory standards.

UNC has provided an evaluation of infrastructure as well as operation and maintenance systems in 34 healthcare facilities in Niger, aiming to identify key bottlenecks to infrastructure maintenance, coping mechanisms used by healthcare facilities, ideal pathways for financing the approaches to sustainability, and the impact of high-quality WASH services on healthcare

workers and their ability to deliver services. We are co-designing an evaluation of World Vision's impact as the Niger project scales up to reach 132 additional health facilities in the next four years.

Center for Infectious Disease Research in Zambia (CIDRZ)

- Partner since 2021
- Areas of focus: research and learning
- Location: Zambia

To complement our work with UNC, we have engaged with CIDRZ. The center has been evaluating the use of Citizen Voice and Action to hold local governments accountable to improve WASH conditions in healthcare facilities. CIDRZ has collected data from our staff members, government officials, health facility leadership, and local community leaders to understand the effectiveness of community-based approaches that will ensure quality services are provided even in remote, rural locations.

University of Toronto

- Partner since 2022
- Areas of focus: research and learning
- Location: Zambia

Our new work with the University of Toronto is based on its expertise in designing piped-water systems that deliver high-quality and consistent volume. The university brings a wealth of experience from its work in India, where such systems are more common, as well as in sub-Saharan Africa.

The university is advising on the design of large-scale systems, as well as evaluating how existing systems function under stress, such as seasons when water is scarce. Its research has identified ways of improving our design and management of piped-water systems. We are evaluating the impacts of World Vision's piped-water systems on a variety of health, well-being, and economic indicators to guide major investments toward universal WASH coverage in Zambia.

EAST AFRICA

510,194 PEOPLE

gained access to clean drinking water

301,232 PEOPLE

gained access to improved household sanitation

322,789 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

The region has been on a bit of a roller coaster this year. While one WASH team celebrated reaching a monumental milestone, another had to shut down all activity to keep staff members safe.

With six new water supply systems completed so far in FY23, we are excited to announce that we have reached more than 1 million people in Rwanda since we began our Finish the Job efforts. We are firmly on track to provide water access in all 39 targeted areas in Rwanda by the end of this year, fulfilling a major promise we made to our donors and to the government of Rwanda.

Meanwhile, the conflict that flared in April in Sudan has sent the World Vision office into temporary hibernation. International staff members have been evacuated, and national staff members are sheltering at home. World Vision is closely monitoring conditions in Sudan, and activities will resume once the situation is safe for our staff and program participants. Our first priority will be responding to the urgent needs of those displaced by the violence countrywide before we resume our development projects, and we expect to be providing emergency services in Sudan soon.

Turmoil kept us busy in the first half of FY23, as we provided emergency WASH programming in Burundi, Kenya, South Sudan, Tanzania, and Uganda, while moving people from emergency support to more sustainable WASH options.

Innovations and Partnerships

- The team in **Burundi** started a new partnership with International Development Enterprises to learn how to best encourage people to move up the sanitation ladder in places where family resources are severely limited.
- In **Ethiopia**, partnerships with government agencies and communities led to \$93,440 in additional funding to support improved WASH services.
- To contend with the difficulty in accessing some project sites, the **Somalia** team is using feedback boxes and interactive voice recordings at water points, so users can report problems with the water systems.
- In **Uganda**, an agreement with the Ministry of Water and Energy garnered nearly \$1.5 million (40% of the budget) toward construction of a solar piped- water system.



3,841 taps installed
from successful water
supply systems



252 schools gained access
to handwashing facilities



1,606 faith leaders
participated in WASH
programming



We used to travel for 3 kilometers to the nearest water point every day ... we drank unclean water that affected our health. But now, **with a clean water source, our children don't fall sick with water-related illnesses.**

—Habiba (above, left),
Somalia

SOUTHERN AFRICA

281,546 PEOPLE

gained access to clean drinking water

451,089 PEOPLE

gained access to improved household sanitation

437,803 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Our work in Southern Africa continues to put World Vision in the spotlight as a leader in WASH, frequently supporting changes in national policies and furthering partnerships and engagement between our teams, government agencies, and other organizations.

Our efforts in Zambia to bring clean water to points of care in health facilities (exam rooms, delivery rooms, etc.) have prompted the government to make a strong commitment to support piped-water systems and flushable toilets in health facilities and schools.

Malawi's Chiradzulu WASH for Everyone work was highlighted at the All Systems Connect International Symposium in The Hague, with a focus on our districtwide approach and use of data to adapt and respond to needs on the ground. The Malawi team also helped the Chiradzulu district government create WASH targets and budgets and launch a strategic investment planning meeting.

Our WASH team in Angola also represents World Vision's experience and expertise on a variety of national committees and presents regularly at sector forums and symposiums nationally and internationally.

Innovations and Partnerships

- To ensure water quality at health facilities, the WASH team in **DRC** is testing the water twice a year: once using government-accredited labs that analyze physical, chemical, and bacterial qualities; and again using the Wagtech portable lab, which can test for bacteria, pH levels, and residual chlorine.
- The **Eswatini** team is represented at the national WASH forum and sits on technical working groups that develop that country's WASH policies and mobility challenges.
- In **Lesotho** we partnered with the Vodacom Foundation on a campaign to scale up improved Menstrual Hygiene Management (MHM) in schools. The foundation provided 476 adolescent girls in five schools with reusable sanitary pads and the soap needed to wash them.
- The **Zimbabwe** team is installing submersible pumps with sensors that can provide data on groundwater levels and the amount of water being pumped. The downloaded data from sensors can be used to determine the level of recharge in the aquifers.



2,524 taps installed from successful water supply systems



316 schools gained access to handwashing facilities



997 faith leaders participated in WASH programming



I have never been part of any group in this community,” said Mitambo (above, left), adding that he now feels valued and cared for. He was invited to join a committee in his village of Buamtete, Malawi, to improve sanitation for the elderly and people living with disabilities. Mitambo also received help to dig a pit, build a structure, and install a toilet.

WEST AFRICA

157,693 PEOPLE

gained access to clean drinking water

127,176 PEOPLE

gained access to improved household sanitation

226,763 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Innovation has helped World Vision make gains in WASH work in the region, with the Central African Republic leading the way with a pilot program aimed at raising funds to support maintaining WASH facilities. Poverty is soaring in the CAR, with communities struggling to provide maintenance funds through user fees.

The pilot project is providing 20 motorcycles to be used as cabs, and the revenue generated by riders will be earmarked for repairing and maintaining WASH systems and facilities. The project is managed by an independent committee established by the WASH program and the government, ensuring funds are properly channeled to support WASH services.

Our WASH teams also are making their mark as policy influencers in the region. The Mali team collaborated with the government and other partners to develop a roadmap for reaching Sanitation and Water for All by 2030. That plan was shared by the Minister of Water Resources at the U.N.'s International Water Conference this past March in New York.

Innovations and Partnerships

- In **Chad**, we collaborated with the Ministry of Urban and Rural Hydraulics to monitor and supervise water system maintenance.
- The **Ghana** program found that providing families with flexible financing options led to constructing high-quality latrines. Almost 70% of VisionFund loans in two districts were used for sanitation and hygiene.
- In **Mauritania**, innovative devices like the Maxel make handwashing portable and more accessible. It consists of a plastic kettle with a container for soap, plus a dish for collecting wastewater. These are available at public markets.
- The **Senegal** team worked with the government's WASH Technical Services Administration to develop training modules for students on personal hygiene and environmental cleanliness.
- In **Sierra Leone**, we partnered with USAID's Global Development Alliance to provide reliable electricity, internet connectivity, and WASH services for health facilities off the power grid.



774 taps installed
from successful water
supply systems



624 schools gained access
to handwashing facilities



829 faith leaders
participated in WASH
programming



We are delighted to see this drilling [at the health clinic]. **We can now access drinking water and forget all the sufferings of the past."**

—Fatou (above), midwife,
Ooubadji, Senegal

SUSTAINABILITY SPOTLIGHT

Groundwater monitoring: Using real-time data to make an invisible resource visible

When we talk about protecting water resources, often what comes to mind are flowing streams of water that make their way through forests and fields, alongside rural settlements and cityscapes, and into the ocean. Yet, much of the world's most precious water is buried beneath us, and often forgotten. The vast and varied aquifers beneath our feet are home to massive quantities of pristine water resources. The stewardship of this water is vital to sustaining life on this planet, and we have a collective responsibility to protect it.

The important role of groundwater in thriving communities cannot be overstated. According to the [United Nations World Water Development Report of 2022](#), groundwater provides half the total volume of water used to meet daily needs. For rural populations, the report concludes that groundwater often represents the only feasible and affordable way to extend basic water access to the unserved. Groundwater management must remain integral to every step of water security planning and service delivery.

World Vision's [2021-2025 Global WASH Business Plan](#) lays out the vision for our work, including supporting Sustainable Development Goal 6.1: equitable access to clean water for all by 2030. Implementing Integrated Water Resources Management (IWRM) at all levels through cooperation across political jurisdictions is paramount to achieving that goal, from stewarding visible surface water systems to invisible groundwater systems.

What practical steps can we take?

The complexities of water use, land use, and conservation require involvement from key stakeholders beyond the WASH sector, because the

organizations that regulate water use and quality span multiple sectors (environment, agriculture, industry). Additionally, linking to national policies and project management frameworks is essential for long-term accountability and sustainability. World Vision approaches IWRM from multiple angles, including awareness, advocacy, planning, and evidence-building as we partner with communities and government counterparts to build a water-secure future.

World Vision promotes these entry points in our programming focused on protecting and rehabilitating watersheds and ecosystems:

- Considering hydrologic boundaries intentionally, including where the water supply systems we support are located within watersheds and atop aquifers
- Tracking the trends in land cover and land use for the watersheds surrounding drinking water systems and, by extension, engaging with governments and communities to protect critical water-source recharge areas
- Supporting government and service providers to implement a catchment-to-consumer water safety plan (reflecting the [World Health Organization's best practices](#)), with emphasis on culturally appropriate and contextualized stakeholder engagement and assessment of climate-change hazards for climate-resilient WASH services
- Collecting and applying valuable hydrological and meteorological data that enables IWRM

Using data to protect the water

Hydrometeorological data often serves as the foundation to better management of surface and groundwater resources. As the saying goes, "We cannot manage what we do not measure."

How can we support communities and governments in data-driven planning through the collection and analysis of hydrometeorological data? One example of how World Vision is doing just that is through our [Somalia Accelerator Fund](#) project, in which we monitor groundwater data for early warning signs of droughts or floods, and work with the U.N. and government of Somalia to use the data for disaster mitigation planning. Using real-time data from groundwater sensors, this information provides a robust picture of groundwater quantity and quality. Obtaining an in-depth understanding of Somalia's groundwater resources has become more urgent as the Horn of Africa continues to suffer from sustained drought following three successive seasons of low rainfall.

Protecting vulnerable communities requires protecting vulnerable resources on which those communities depend. New wells and water reservoirs are only part of the resilience story; access to better data also is required to help safeguard these infrastructure investments. The more we know about this invisible source of water—its quantity and quality—the better we know what to do together to ensure children and their communities can have consistent access to water sources.

Learn more about this innovative approach by taking part in [this story](#) on groundwater resource monitoring in the Horn of Africa, one of the world's most water-insecure regions.



ASIA-PACIFIC

42,331 PEOPLE

gained access to clean drinking water

35,640 PEOPLE

gained access to improved household sanitation

114,514 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Across the Asia-Pacific region, we are making strides toward water system sustainability, groundwater conservation, and protection of natural resources.

In Indonesia, we constructed a solar-powered, mechanized borehole through a partnership with the local government in Eho Orahili village. The government contributed \$2,054, (15% of the total budget), and created a policy in collaboration with village leadership that will support water system maintenance and sustainability. The policy defines the village water committee's responsibility to operate and maintain the facilities, which includes sanctions or fines for any damage done to the water system.

In Cambodia, the WASH and agriculture teams are working together to educate farmers on watershed contamination from chemical fertilizers and pesticides. Farmers are being trained to use environmentally friendly materials, such as organic compost. And in Papua New Guinea, World Vision is conducting hydrogeological surveys of groundwater levels, with the goal of helping communities better manage and conserve water.

Innovations and Partnerships

- A new program in **Bangladesh** called the Clean and Healthy Village trains faith leaders to share messages about healthy hygiene and sanitation behaviors. So far in FY23, World Vision has trained 225 faith leaders, who are now sharing their WASH learnings with their communities.
- In **India**, 16 ponds have been desilted, resulting in increased soil fertility, groundwater levels, and water storage. These efforts impacted 4,091 households, where participants have reported higher water levels, leading to improved health and livelihoods.
- With support from the district health department, the **Indonesia** team trained 69 local artisans to make sanitation products, including do-it-yourself toilet bowls made with a cement mold.
- The team in **Papua New Guinea** conducted an extensive analysis of climate vulnerabilities and risks as part of the Water For Women WAVE project. The analysis included mapping potential climate hazards and vulnerabilities and developing strategies to mitigate them.



4,466 taps installed from successful water supply systems



149 schools gained access to handwashing facilities



573 faith leaders participated in WASH programming



Having a bio toilet at home has made our lives easier and helped us to live with dignity, free from fear and illness."

*—Mounika (above, left),
Delhi, India*

LATIN AMERICA AND CARIBBEAN

34,840 PEOPLE

gained access to clean drinking water

11,477 PEOPLE

gained access to improved household sanitation

25,731 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Strong partnerships and community support have helped World Vision surpass nearly all of our targets across the region in the first half of FY23, including reaching 2,997 children with clean water in schools (227% of target) and 11,477 people with access to basic household sanitation (201% of target).

The Finish the Job campaign in Honduras is generating results, with 8,450 children and adults accessing clean water so far this fiscal year. More than 7,000 Hondurans in over 1,500 households benefited from basic and safe sanitation, with equal numbers gaining access to handwashing facilities.

Guatemala made good progress toward establishing strong community support for the long-term management and sustainability of water systems. So far this fiscal year, the WASH team has signed agreements with 16 public and private entities to help maintain water systems. The team also trained 21 WASH committees to mobilize resources for water system operations, maintenance, and repair.

In El Salvador, World Vision launched BabyWASH projects in eight priority municipalities to maximize health outcomes for mothers and children from conception to age 2. The WASH team held startup workshops in each municipality, which were attended by over 150 representatives from the ministries of health and education as well as local government officials.

Innovations and Partnerships

- In **Haiti**, we are partnering with Coca-Cola to provide emergency WASH services to 1,800 households. World Vision also is working to combat cholera by distributing water treatment tablets to 4,438 households and educating people to use the tablets to make water potable.
- The **Honduras** team is developing a sustainability strategy for WASH in schools in partnership with the Ministry of Education and the nonprofit Water for People.
- In **Nicaragua**, we partnered with the municipal mayor's office, a local nonprofit (FEDICAMP), and the community to complete a water system in Limay AP.



2,786 taps installed
from successful water
supply systems



23 schools gained access
to handwashing facilities



501 faith leaders
participated in WASH
programming



We are very grateful to God, because thanks to Him, we were able to complete this [WASH] project, which brings health and happiness to me and all my schoolmates. We also organized a school WASH club, of which I am proud to be president."

—Escarlet (above), 11,
Teupasenti area program,
Honduras

MIDDLE EAST

78,236 PEOPLE

gained access to clean drinking water

2,558 PEOPLE

gained access to improved household sanitation

278 PEOPLE

gained access to handwashing facilities



REGIONAL SUMMARY

Although humanitarian and political challenges remain, WASH in the Middle East is transitioning from primarily emergency response programs to sustainable WASH services, particularly in Afghanistan and Iraq.

In Afghanistan, a ban on female staff implementing projects resulted in the difficult decision to briefly suspend our work. After reevaluating our activities, we resumed construction only for active WASH projects. Despite the disruption—and after catching up on programming delays from FY22—we surpassed most of our targets, reaching 67,736 people with clean water by constructing 30 new water supply systems and rehabilitating 45 water systems. The WASH team also installed 1,323 household taps, providing easy access to water either inside homes or right outside the door. In addition, World Vision constructed or rehabilitated 109 latrines in 11 healthcare facilities.

In Iraq, World Vision is accelerating access to WASH for the most vulnerable, including women, girls, the elderly, and people living with disabilities (PLWD). During the reporting period, 278 women and PLWD gained access to sanitation and handwashing facilities specifically designed to meet their needs. The WASH team also trained female hygiene promoters to conduct menstrual hygiene management-awareness sessions and provided dignity kits to 500 women and girls.

Innovations and Partnerships

- World Vision **Afghanistan** conducts water quality tests before, during, and after construction of water systems, using the World Health Organization's standards. Additionally, WASH staff organize hygiene promotion campaigns and train community water management committees on how to keep water clean from source to consumption. For areas where the water does not meet quality standards (often due to high salt

content), reverse osmosis is used to make the water potable, and people are trained to safely transport and store water at home.

- The WASH team in **Iraq** is conducting two research studies. The first is an assessment of gender equality and disability inclusion in our WASH programs. The second study will evaluate the successes and challenges of rehabilitating WASH facilities for people living with disabilities in 40 households.



*3,218 taps installed
from successful water
supply systems*



*17 schools gained access
to handwashing facilities*



*18 faith leaders
participated in WASH
programming*



*[With] this household
water connection, all
my family members are
healthy. My children
are happy and daily
attending their studies."*

*—Abdul (above),
Herat, Afghanistan*

PLANS FOR THE NEXT SIX MONTHS

As our WASH teams continue to adjust to changing realities in the field, we remain committed to accelerating universal and equitable access to WASH services, deepening our focus on the most vulnerable, demonstrating sustainable impact, and leveraging business plan investments to mobilize additional funding.

This report marks the halfway point through our FY21-FY25 Global WASH Business Plan “Our Roadmap to Impact.” We look forward to strengthening our programs to support the business plan goals as we head into the final half of this five-year commitment.

THANK YOU

Thank you for investing in the health and well-being of children and families through access to water, sanitation, and hygiene. Because of support from generous donors like you, millions of people have access to clean water for health and agriculture, sanitary latrines, and the ability to wash their hands to prevent illness.

The real impact of our WASH programs goes well beyond providing clean water and basic sanitation. The more lasting benefits are life, hope, health, and a brighter future for children and families in some of the world’s most difficult places.



“I do not remember the last time I carried water,” said Joana (right). “We have a tap in our house now from the water system provided by World Vision.” She and her mother (left) now have safe water at hand whenever they need it since a new water system was constructed at Krachi West AP in Ghana.



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World Vision is a Christian humanitarian organization dedicated to working with children, families, and their communities worldwide to reach their full potential by tackling the causes of poverty and injustice. Motivated by our faith in Jesus Christ, we serve alongside the poor and oppressed as a demonstration of God’s unconditional love for all people. World Vision serves all people, regardless of religion, race, ethnicity, or gender.