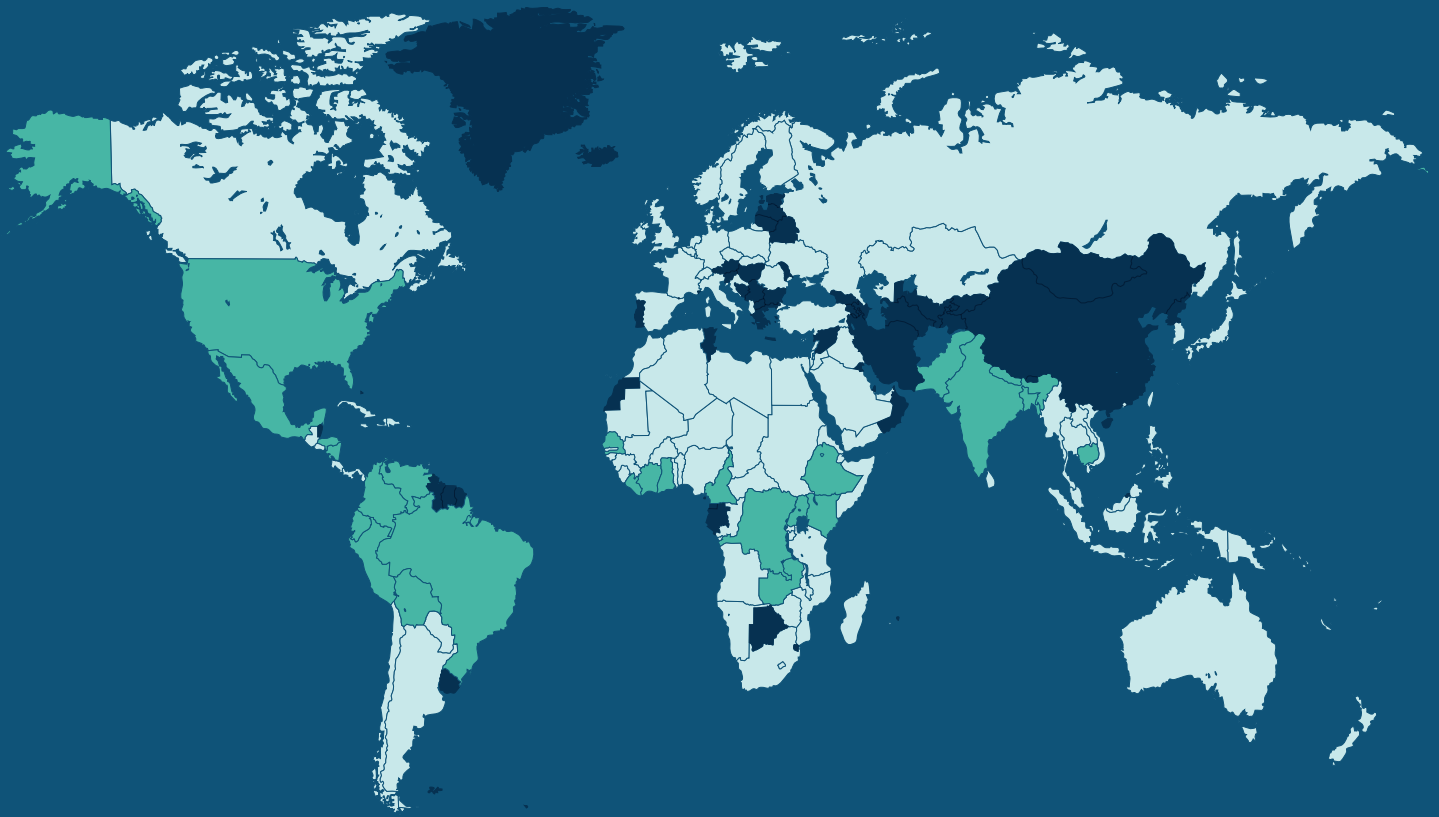




Our vision: A world where people have the opportunity to succeed because their basic water and sanitation needs have been met.



● CAWST's network
107 Countries

● Training partners

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2022 Overview

With
\$7.2 million in 2022,
CAWST provided training and
support to **13,118 people**
across **107 countries**.

Alongside our training
partners, working with over
621 organizations,

**we helped bring
improved water,
sanitation or hygiene
to over
12.5 million people.**

Letter from our CEO and Board Chair

We are very impressed by our 2022 results and the difference that CAWST and our growing network of training partners and clients are making in peoples' lives around the world.

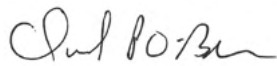
Two billion people live without access to safely managed water and 3.6 billion people are without safely managed sanitation. People world wide are coming to CAWST to find solutions that will make a difference today, tomorrow, and for generations to come and help them amidst the complexity and uncertainty of climate change, water scarcity, and contaminated water.

CAWST is on a trajectory to make an even greater contribution to building resilience and sustained change. We were built to be responsive to our clients and adaptive to the changing needs in our environment. By design, we leverage opportunities to reach scale.

Our training partner program has accelerated impressively, contributing to 46 per cent of our total results. We now have 33 training partners at different stages strengthening their capability to provide localized training and consulting. And they are doing this both in-person and online.

Our online services have enabled us to reach greater scale, providing people easy access to information so they can take immediate action. For example, at the time of writing this, each of our online courses is reaching 200 to 600 participants from dozens of countries and creating demand for additional hands-on, practical training. This is why we are launching our WASH Capacity Accelerator in 2023, which you can read more about on page 11.

We are excited by CAWST and our network's power to reach more people, faster and every day we are closer to our goal: helping 100 million people by 2030.



David P. O'Brien, O.C.
Board Chairman



Shauna Curry
President & CEO

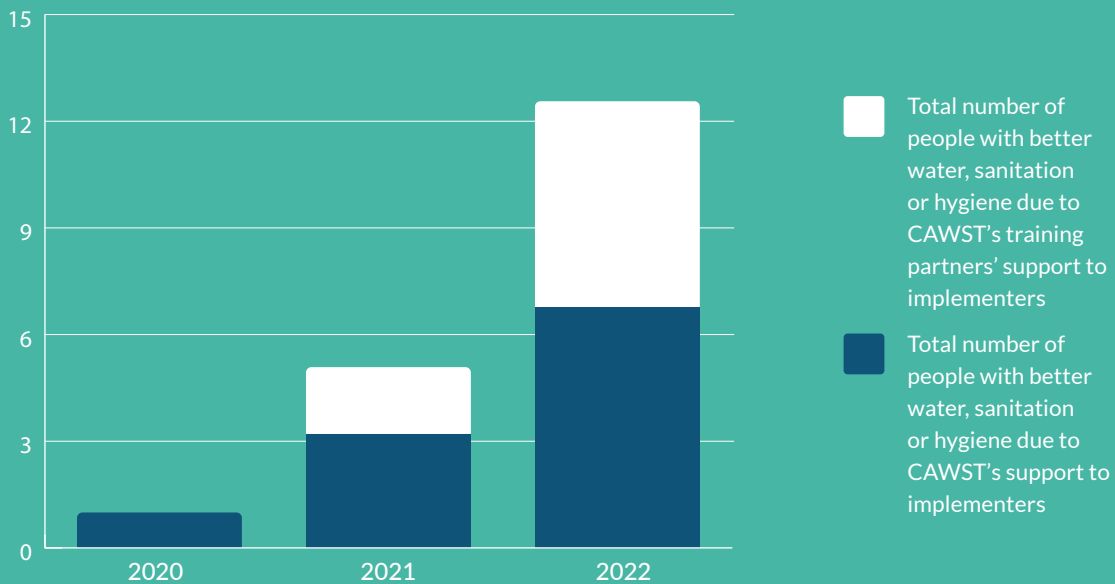


2022 Results

Over 12.5 million people have better water, sanitation or hygiene.

We more than doubled our results from 2021 to 2022, and exceeded our target of 10 million people with better water, sanitation or hygiene. We're increasingly confident in our strategies to reach 100 million people by 2030.

Number of people with better water, sanitation or hygiene (millions)



Access to safe water, sanitation and hygiene breaks the cycle of poverty. It keeps children in school, empowers women, and improves the health of entire communities. It creates economic livelihood and enables people to be contributing members of society. It's essential for sustainable change.

Our dramatic growth in the past couple of years is due to four main factors:

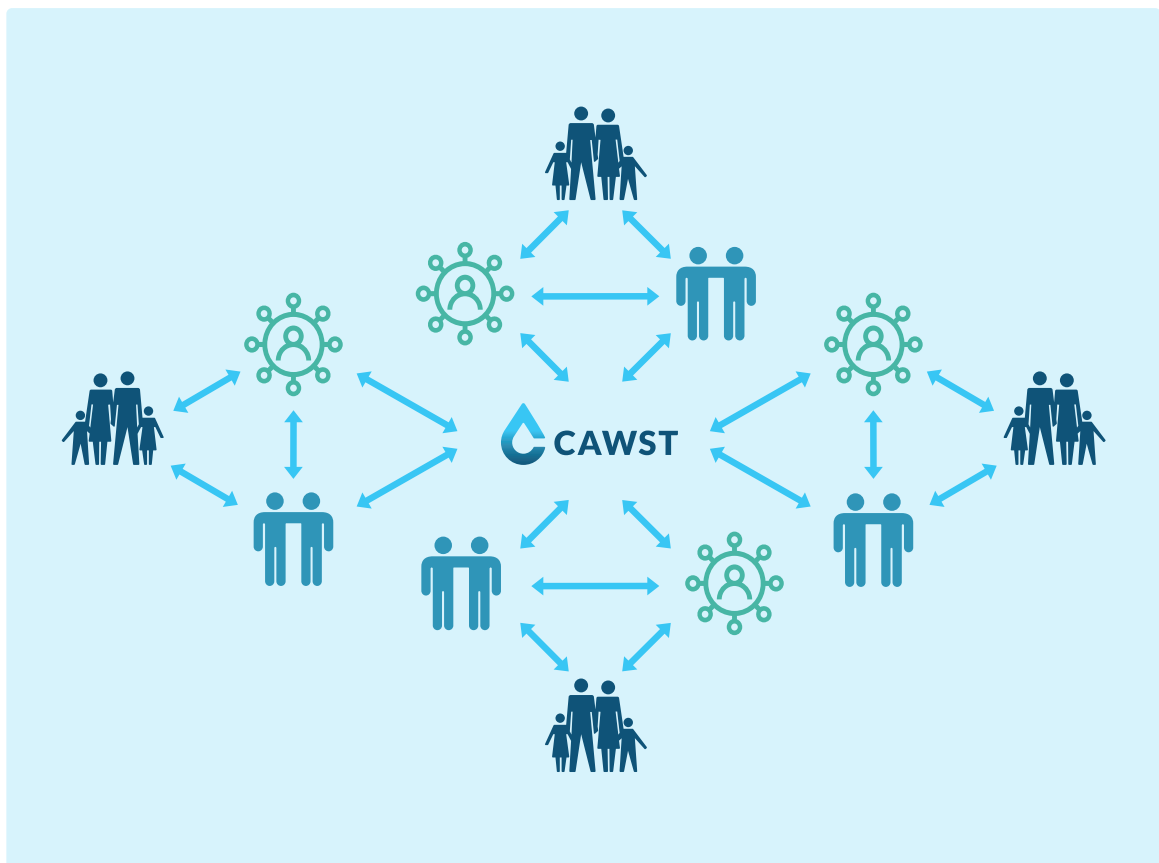
- 1** The size of CAWST's network of clients implementing water, sanitation or hygiene nearly doubled from 335 to 621. These are organizations who reported in our annual survey that they implemented water, sanitation and hygiene projects and indicated that CAWST or one of our training partners contributed to their programs.
- 2** The growing contribution by CAWST's network of training partners, whose results represent 46 per cent of the total impact. CAWST's training partners multiply our efforts by delivering training and consulting support independently and jointly with CAWST to other organizations in their country and region and, increasingly, online globally.
- 3** The increase in the depth of relationships between CAWST and its network, as indicated by responses to our annual survey growing over the past two years. CAWST's responses more than doubled from 235 to 519 over the past two years, whereas responses to our training partners' survey grew almost tenfold from 51 to 485.
- 4** The immediate impact of a new product offering, WASH'em—an online platform to support handwashing in emergencies—was a new initiative for CAWST. In 2022, more than one million people were reached by our clients who used WASH'em.

CAWST's results are based on an annual survey, internal sources and what we can reasonably calculate based on our activities and relationships. Multi-step verification of all data sources removes ambiguous results and duplications.

Together with our network of training partners and implementing organizations, we are getting a clearer picture of our impact. But we believe the impact figures are still vastly underreported, considering that 50,000 people accessed our services last year, the response rate to our survey was 8.7 per cent, and 11 of our 33 training partners surveyed their clients. We will continue to advance our measurement for improvement and reporting.

CAWST creates a **multiplier effect** through existing local organizations who:

- Know the local language, opportunities and challenges
- Lead implementation
- Develop and deliver trainings
- Strengthen institutions and systems



Training organizations



Implementing organizations



Families

100,349

CAWST resources used by **50,910** people representing only those CAWST can count from our online system. It does not include the numbers of people using these through their network and in their communities.

147

education materials updated or developed and made available online.



“We haven’t gone to school and so these are easier to understand. The pictures are the best,” says a community member in Masai Mara, Kenya. CAWST resources were shared with partner Aqua Clara Kenya who then shared them with Africa Hope to train a community health promoter. That promoter now trains families in her own community.

117

 training services delivered by CAWST,

and **313** by our training partners.

14,746

 people trained by CAWST and our partners.

“Together with CAWST, we’ve sponsored introduction to household water treatment in Bogota and a number of other places where people get to do experiential learning. That’s been a great help in showing people what can and can’t be done in the countryside.”

—Bob Wiens, Colombia



33
training partners
supported to deliver
training and consultations.

81% of people
report CAWST or its partners'
support helped them start,
strengthen or grow their projects.



In Cambodia, WASH SDO's Dim Wannet tailors training to fit the local community. "I learn a lot from consultations with my clients and my participants after we train them," he says. "They will do a training in their community and we ask them what they find. We ask, and then we adjust."

2,233 consultations
delivered by CAWST,

and **1,870** by
our training partners.

14,256 people
received consulting support
from CAWST and its partners.

"The WASH chain built by CAWST is unstoppable...I learned a lot about sanitation from CAWST and teach the community the knowledge I got from CAWST in different organizations and different places."

—Dawit Dalga, Ethiopia



Venezuela

A longtime association reaps longtime benefits.

“Relationships are the core of what we do,” says Eva Manzano, CAWST Senior Manager, WASH services for Latin América and Caribbean. “And Venezuela is a great example.”

Eva recalls when Jose Angel Gonzalez from Asociación Civil Génesis, a grassroots Venezuelan civil society organization, attended a CAWST training in Calgary more than 16 years ago. “He learned about the biosand filter and, going back to Venezuela, did a lot of effort to get more projects going. He also recognized that he couldn’t do it on his own.”

Over the years, CAWST and Jose stayed in contact. “He always wanted to get better at the work that he was doing, so he came to a training I did in Peru in 2016. For somebody in Venezuela, investing in traveling and getting to a remote village in Peru to be trained was a huge, huge commitment,” Eva recalls.

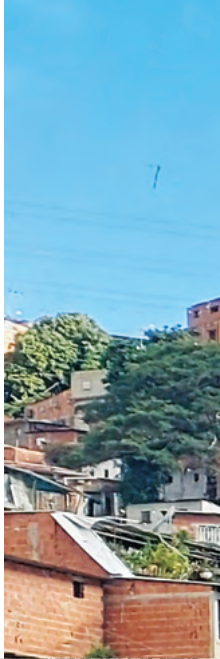
In 2022, CAWST visited Venezuela for the first time and met with Jose and Asociación Civil Génesis. Today, after conducting a refresher training program together, the association has the skills to build biosand filters and replicate the training Jose first acquired through CAWST.

“So, from a participant in a workshop that we did a long time ago, we now have a potential training partner that can make a huge difference in Venezuela.”



↑ CAWST’s Eva Manzano offers Jose Angel Gonzalez advice on biosand filter construction at Campo de Carabobo in Venezuela.

A neighbourhood in Caracas, → capital city of Venezuela.

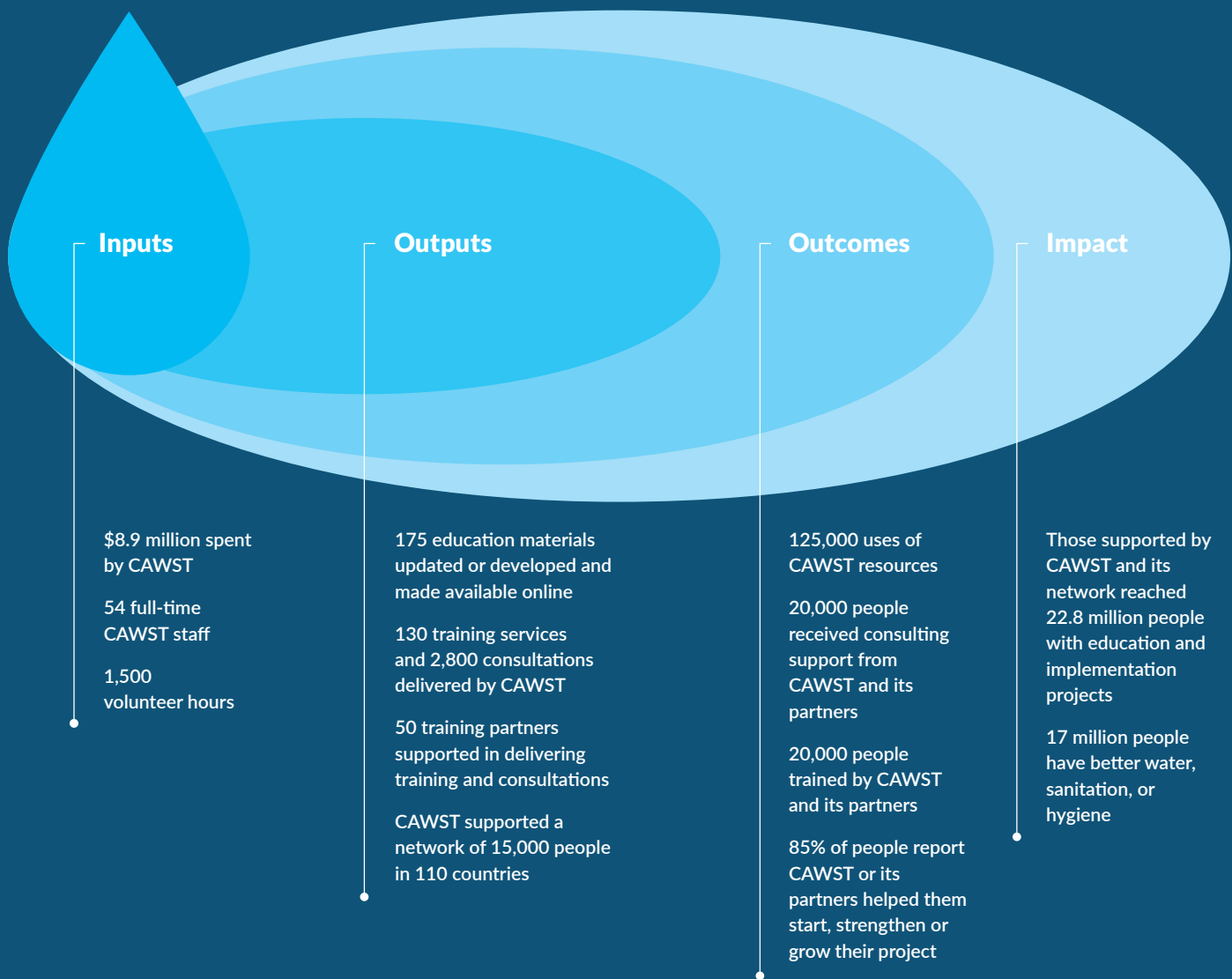




Looking forward to 2023

In 2023, we'll apply what we learned last year to build more relationships and integrate more deeply with our partners, driving to reach 100 million people by 2030.

2023 Targets summary



Fast-tracking localization through our WASH Capacity Accelerator.

2023 marks the year of the first UN Water Conference in 50 years. It also marks the halfway point for implementation of the UN Decade for Action on Water and Sanitation. In an effort to increase momentum, the UN asked for commitments to further accelerate the progress of Sustainable Development Goal 6 - Water and Sanitation for all.

To join this global collective action for water access, CAWST is launching its WASH Capacity Accelerator in 2023. It will mobilize and strengthen the capacity of local organizations to deliver training and consulting services in their country and region. Some of these organizations will go on to be part of our trusted training partner network.

Key challenges for 2023

1

Accelerating localization and resilience in the face of climate change.

2

Influencing decision makers to include non-networked WASH as part of the spectrum of solutions.

3

Unlocking the potential for local organizations to access funding.



One connection leads to many.

Early in 2022, Kwabena Owusu Amoah, an instructor at the Accra School of Hygiene in Ghana, searched the internet for online training. He discovered a household water treatment and safe storage course (HWTS) taught online by India's Sehgal Foundation, one of CAWST's many international partners who utilize its training. "He then reached out to the Sehgal Foundation to see how he could deliver this course to his own students," says Karen Joe, CAWST Knowledge and Research Advisor. "And the foundation then referred Kwabena back to me."

← Kwabena Amoah Owusu discusses water filtration methods with students at the Accra School of Hygiene in Ghana.



↑ A household water treatment and safe storage (HWTS) symposium at the Accra School of Hygiene. Suppliers of different technologies spoke to approximately 135 students.



It was a pretty successful pilot, doing an online and in-person training hybrid for HWTS and also working with such a big cohort of participants," says Karen. "We're excited to see what comes next."

After Accra School of Hygiene students successfully completed the course, it was time for CAWST to deliver in-person practical training sessions. As part of the enrichment for the students and to further connect WASH sector actors in Ghana, CAWST helped organize a one day symposium—an HWTS networking opportunity attended by more than 150 people.

Based on the success of their experience, the Accra School of Hygiene has proposed a long-term plan where, over the next two years, they will include the online course as part of their school curriculum and staff will be coached by CAWST to take over delivery of in-person sessions.

Today, plans are underway for the next step: taking lessons learned, returning to Ghana and repeating this success on a larger scale and nurturing the connections made with organizations such as CONIWAS (a civil society organization representing 96 non-governmental organizations). This could potentially mean not only training a larger and wider range of student classes at the Accra School of Hygiene, but possibly expanding into two other Ghanaian schools of hygiene.

"It was a pretty successful pilot, doing an online and in-person training hybrid for HWTS and also working with such a big cohort of participants," says Karen. "We're excited to see what comes next."

Community

A Calgary charity
making water knowledge
common knowledge
around the world
since 2001.

Ruthika Muzumbe drinks safe water

Around the world, many begin the journey to improved water and sanitation with CAWST as a chosen, trusted partner. Though the destination is often the same—improved water and sanitation for their own, unique communities—everyone’s journey begins in a different place. CAWST supports communities around the world no matter where they are. We don’t do this alone. It is through the relationships and connections within our community of WASH professionals, colleagues, partners, donors, volunteers, funders and supporters that we are able to meet people where they are at.

Thank you to everyone who joins us on this journey. We can’t get there without you.

CAWST

50

Full-time staff
with work
experience in
78 countries

28

Languages spoken
by employees

463

Total donors

1,407

Volunteer hours
contributed

Thank you to our community for your continued support!

Board Members:

David Ackert

Mel Belich

David Boone

Mike Broadfoot

Alejandro Carvallo

Shawn Cornett

Shauna Curry

President & CEO

Camille Dow Baker

Holly Elrick

Marcos Lopez

Karen Macdonald

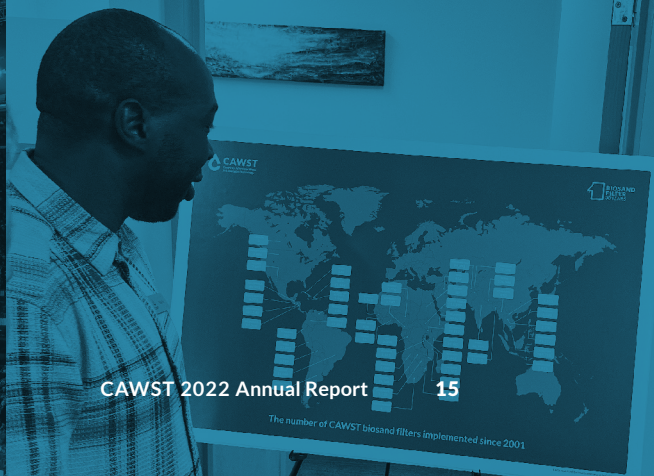
Jeff McCaig

Eric Monteith

David P. O'Brien

Chair

Greta Raymond





“

What brings pride to me is especially when people from health [organizations] come. They come and hold maybe a workshop at this house. They will go to the toilet. They will find that you've made something that is good. So you'll be like a role model. They'll say 'you should make one like the one that she has.'

- Gladys Chabala, Zambia



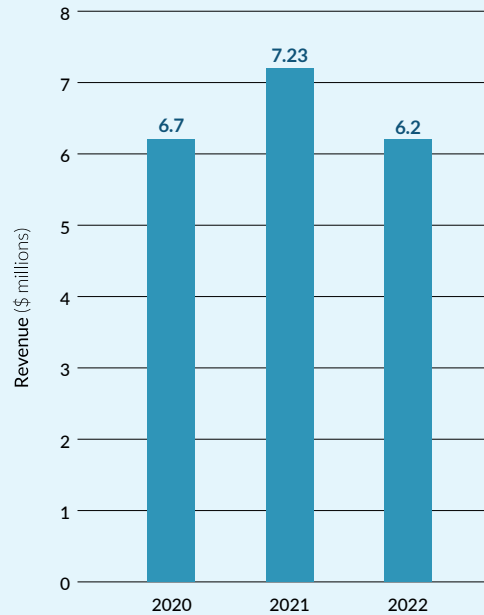
We never knew the type of water we were taking up for drinking. Now, bringing that knowledge to people, it should become common knowledge because they now know.”

– Settie Chisenga,
Community Health Promoter, Zambia

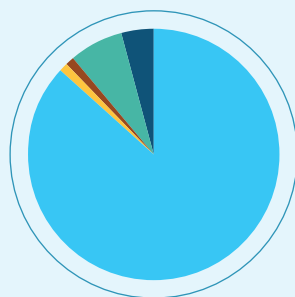
Financials

In 2022, revenue totalled \$6.2 million. CAWST's success is thanks to a variety of revenue streams, with 86% as unrestricted giving from individual donors in 2022. This is essential for our model, as it enables us to respond quickly to the greatest demand and to test new ideas, learn, adapt and dramatically accelerate both CAWST's and our partners' impact.

We were also fortunate to earn the trust and financial support of new and returning institutional funders including: Action Contre la Faim, Bill & Melinda Gates Foundation, Bureau for Humanitarian Assistance (USAID), Fig Tree Foundation, Fund for Innovation and Transformation, German Toilet Organization, Global Affairs Canada, London School of Hygiene & Tropical Medicine, Peter Gilgan Foundation, Procter & Gamble, Rotary Club of Calgary Downtown, Swiss Agency for Development and Cooperation, UNICEF and Worley Foundation.



Revenue by type

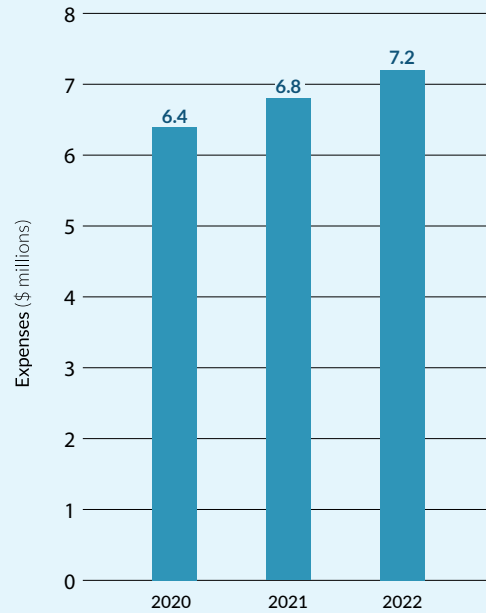


- Client Consultations
- Corporations
- Governments
- WASH Foundations
- Individuals & Principal Donor

Expenses

CAWST invests toward **five main objectives** which unify and progress the organization toward our future goal of reaching 100 million people by 2030.

In 2022, a large majority or 75% of CAWST's spending was investing in our global implementation networks—our partners and local training organizations. 25% of our expenses strengthened our learning platforms and organizational capabilities.

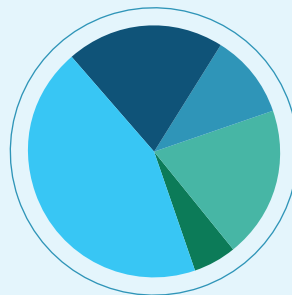


Objective 1
Increase quality & quantity of implementers
44.1%

Objective 2
Increase quality & quantity of training organizations
20.4%

Objective 3
Engage others to achieve our vision
10.6%

We support our clients, build training partner relationships, engage in our professional sector and raise water awareness in Canada.



Objective 4
Develop CAWST's capability
19.4%

We improve our IT, hire and take care of our people and, as a licensed engineering consulting organization, regularly develop our staff through professional development.

Objective 5
Fundraising
5.5%

We connect with our donor community and grow it so that, together, we can reach 100 million people by 2030.

Statement of financial position

December 31, 2022, with comparative information for 2021		
	2022	2021
Assets		
Current assets		
Cash and cash equivalents	\$ 3,677,182	\$ 3,088,752
Term deposits	8,015,541	7,007,504
Accounts receivable	183,079	616,756
Government sales and tax receivable	12,273	12,025
Prepaid expenses	133,108	167,854
	12,021,183	10,892,891
Property and equipment	172,436	57,141
Investments	16,866,267	18,473,450
	\$ 29,059,886	\$ 29,423,482
Liabilities and Net Assets		
Current liabilities:		
Accounts payable and accrued liabilities	\$ 396,362	\$ 305,062
Deferred contributions	5,574,522	5,420,394
	5,970,884	5,725,456
Deferred contributions	20,171,626	18,588,311
Other liabilities	4,413	-
	26,146,923	24,313,767
Net assets	2,912,963	5,109,715
Total liabilities and net assets	\$ 29,059,886	\$ 29,423,482

Statement of financial operations

Year ended December 31, 2022, with comparative information for 2021		
	2022	2021
Revenues		
Donations	\$ 5,118,473	\$ 5,300,579
Government assistance	92,114	538,708
Grant revenue	884,940	1,127,041
Project consulting	70,259	259,283
Total revenue	6,165,786	7,225,611
Expenses		
Salary and benefits	\$ 4,355,738	\$ 4,443,070
Training partners	841,556	745,733
Consulting	649,108	832,628
Travel	388,713	12,368
Office and administration	547,099	390,936
Rent and utilities	205,959	202,440
Insurance	27,437	28,196
Professional fees	72,932	91,798
Training and conferences	29,120	19,865
Hospitality	753	330
Depreciation	49,915	28,493
Total expenses	7,168,330	6,795,857
(Deficit) excess of revenues over expenses before other items:	(1,002,544)	429,754
Change in unrealized gain (loss) on investments	(2,129,780)	664,893
Gain on sale of marketable securities	26,919	12,873
Foreign exchange (loss) gain	91,948	(6,548)
Interest and dividend income	829,391	843,232
Gain on investments	-	78,309
Loss on sale or disposal of fixed assets	(153)	(3,813)
Brokerage fees	(12,533)	(3,010)
	(1,194,208)	1,585,936
(Deficit) excess of revenues over expenses	\$ (2,196,752)	\$ 2,015,690



Families in the village of Mohamdpur Lakhanpur, India, attend a demonstration and discussion about drinking water quality testing as part of the WASH for Healthy Homes project, sponsored by CAWST and its partners.

Centre for Affordable Water and Sanitation Technology
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Charitable Registration 863751616RR0001 (Canada) APEGA P-8757

