



CAWST

CENTRE FOR
AFFORDABLE WATER AND
SANITATION TECHNOLOGY

2012 ANNUAL REPORT



OUR VISION is a world where people have the opportunity to succeed because their basic water and sanitation needs have been met.

OUR MISSION is to provide technical training and consulting, and to act as a centre of expertise in water and sanitation for the poor in developing countries.

HIGHLIGHTS	2012	2011	2010	DETAILS
People impacted by CAWST clients	5,981,000	4,577,000	3,585,000	Cumulative people with access to better water or sanitation as a result of clients' projects
Implementing Organizations	392	256	227	Organizations implementing water or sanitation projects
Countries of implementation	63	61	58	Number of countries where CAWST's clients have implemented and reported water and sanitation projects
People trained using CAWST training and education materials	1,515,000	584,000	257,000	Cumulative people trained by CAWST clients using CAWST-developed training and education materials
Water Expertise and Training (WET) Centre partners	10	4	4	Organizations participating in CAWST's WET Centre development program
Annual Expenditure	\$3,907,000 (forecast to year-end 2012)	\$2,517,525	\$2,249,351	Total funds expended by CAWST, including transfers to WET Centres
CAWST expenditure per person impacted by clients	\$2.47	\$2.47	\$2.61	Cumulative CAWST expenditure divided by the total number of people impacted by CAWST clients

ON THE COVER:

Gladys Chipalabela, WET Centre Trainer, Zambia
Photograph by: Terry Ohmart

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LETTER FROM THE BOARD CHAIR, GRETA RAYMOND

For a number of years, CAWST has had the goal to reach 20 million people with clean water and improved sanitation by 2020. This plan is poised to become a reality. Our model of supporting and training in-country NGOs, leading with education, prioritizing grassroots empowerment, and supporting the development of regional Water Expertise and Training (WET) Centres has been proven successful and sustainable. As of 2012, we have reached 6 million people with clean water and sanitation – up 30 percent from 2011.

Late last year, CAWST received a grant from Canadian International Development Agency (CIDA) to match each dollar donated to CAWST with three dollars in CIDA funding, up to \$6 million. This will support development of eight new WET Centres, in addition to the current three. This is a major 'uptick' in terms of revenue requirements, budget, staff, and field activity. From the CAWST Board's perspective, this means more mature processes and controls to govern the organization and manage risk, as well as a new, more sophisticated approach to fund development.

The Board is taking these challenges seriously. In 2011, we conducted a rigorous process to select a new CEO. The diligent effort has paid off. The entire Board is extremely pleased with the leadership of our new CEO, Shauna Curry. Our internal controls and governance practices are robust and our Board members have a broad range of skills and experience to address and oversee CAWST's risks, opportunities, and strategies. We are 'hands-on' in guiding fundraising strategy and in introducing CAWST's impressive story and track record to new potential supporters.

CAWST's business model to reach the poorest of the poor with clean water and sanitation is working. Our track record of success backs this up. We are ready to scale up and meet our goal of 20 million by 2020. The Board is confident we have the governance foundation in place to support this major inflection in growth. All we need is support from our stakeholders to make our vision a reality.



A handwritten signature in black ink that reads "M. Raymond". The script is fluid and cursive.

Margaret Raymond,
Board Chair

LETTER FROM THE CEO, SHAUNA CURRY

2012 is a milestone year for CAWST, taking on what is possibly our biggest challenge to date: successfully managing a step-change in growth and expanding our funding base.

We have established a strong organization and put in place detailed plans to scale up our reach from 6 million people in 2012 to 20 million in 2020.

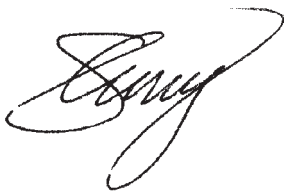
We know our model works and we have a solid foundation in place to scale up our reach. We are multiplying our efforts through our Water Expertise and Training (WET) Centre Program, training other organizations to provide CAWST-like services independent of CAWST. Last year, CAWST received a \$6 million grant from the Canadian International Development Agency (CIDA) for three years to expand CAWST's WET Centre program, recognizing both our success to date and support for further growth.

CAWST also has the right people and processes in place. We successfully transitioned our entire leadership team, including our founding CEO, which is a feat for any organization and tests the robustness of strategies, people, and processes. We are pleased to say that we have operationally met or exceeded targets at every level.

We know that CAWST's services are unique in the water and sanitation sector and much needed in a world where still, in 2012, one in four people do not have access to our most basic and fundamental need for survival: *safe water*.

We are making a difference in peoples' lives around the world through water and sanitation training services that are widely available and easily accessible. Ensuring knowledge resides locally, people are able to meet their own needs, today and into the future.

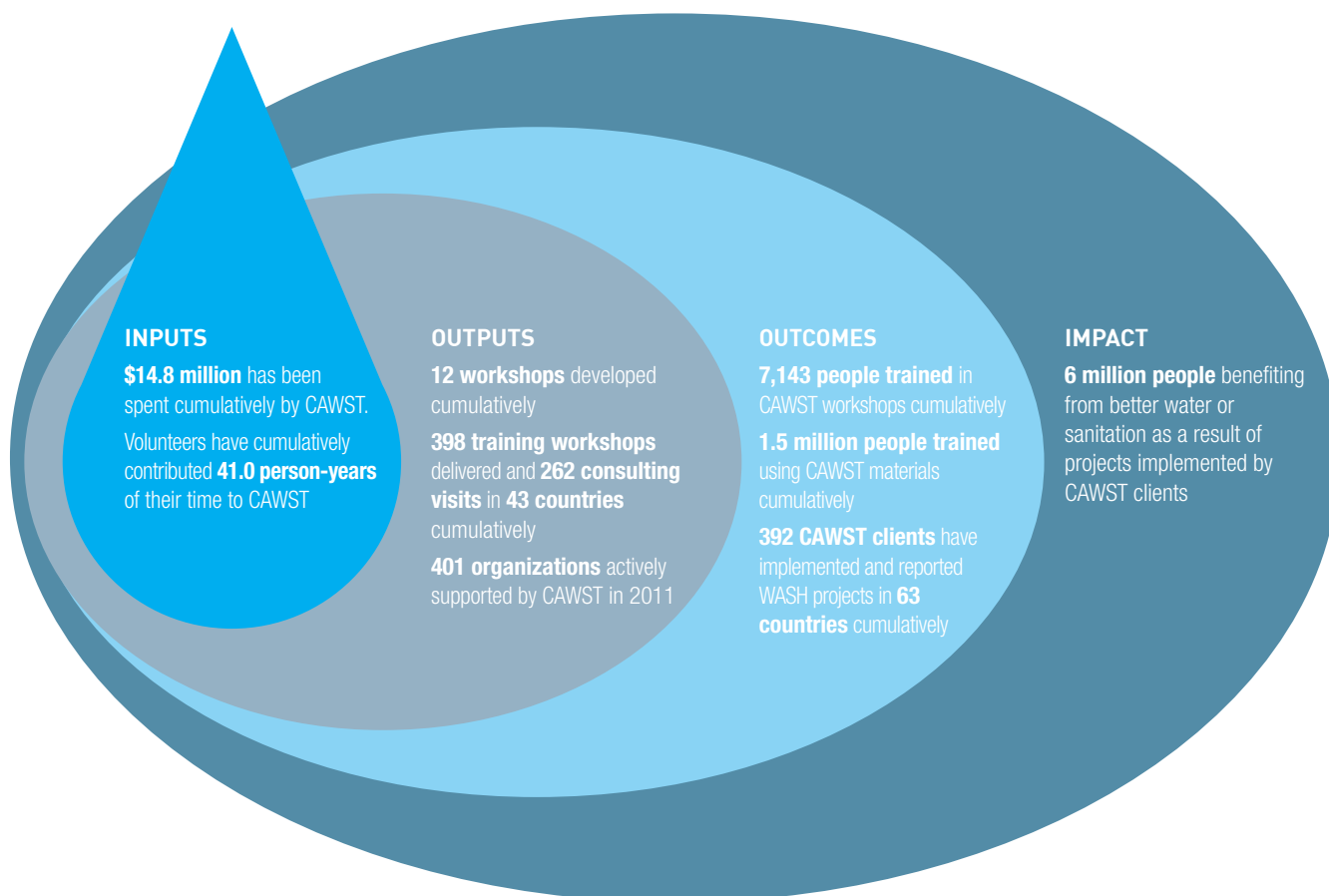
CAWST has a unique opportunity right now — in 2012 — to launch our organization to the next level. To leverage our CIDA funding and successfully manage this step-change in growth, we need to raise \$1 million from new donors by the end of the year. We believe our model is strong enough to change the world for the better, ensuring that millions more people have the opportunity to succeed because their water and sanitation needs have been met. We invite you to be a part of this change.



Shauna Curry,
Chief Executive Officer



2012 KEY PERFORMANCE INDICATORS



CHANGE MODEL

CAWST's education and consulting services catalyze action in developing countries to initiate and carry out water and sanitation programs for the poor.

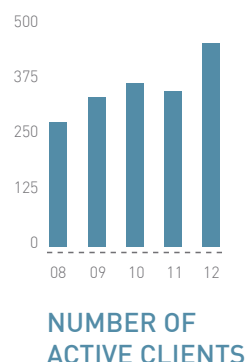
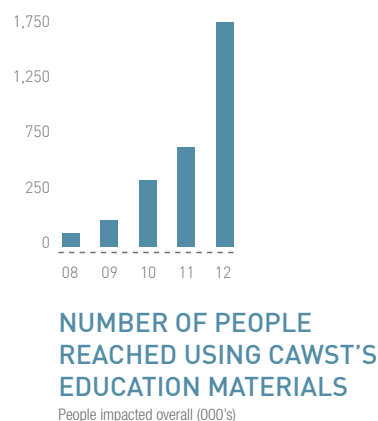
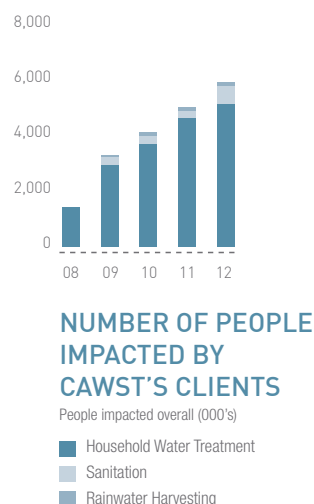
CAWST's seven Key Performance Indicators (KPIs) are designed to measure our results relative to our strategies towards that goal. The trends, along with 2012 results, show that our strategies are working well.

The KPIs are tracked annually through a survey sent to all clients and through several sources of internal data. In 2012, we received 162 responses to the survey, representing a 15% response rate from our active client base. These results are verified for accuracy and then included in the calculation of KPIs.

The KPI results are in many cases a significant understatement because we report only the results of clients who respond to the survey. CAWST is taking steps to increase the response rate, such that we will be able to understand and report our true impact, higher than described here.

CAWST inspires people to take action, to think in new ways, and to make the world a better place.

— *Tides Canada, Top 10 Change Maker in Canada, 2011 Award*



NUMBER OF PEOPLE IMPACTED BY CAWST'S CLIENTS

As of June 2012, CAWST has reached a cumulative total of 6 million people with better water and sanitation through projects implemented by our clients worldwide.

This figure represents long-term, sustained use. In calculating the number, we apply retention factors to take into account discontinuance of use due to breakages, lack of motivation by users, technical problems, or other reasons.

The large increase in the number impacted in the past year, from 4.6 to 6 million, is attributable to the expansion of ongoing household water treatment and sanitation programs by our clients, the increasing number of clients implementing projects, and the multiplication of impact through the establishment of Water Expertise and Training (WET) Centres.

This figure is a very conservative measure of our impact due to both the low response rate to the survey and the incorporation of the retention factor.

CAWST's Water Expertise and Training (WET) Centre Program is a key strategy to scale up our reach by 'replicating' CAWST's service delivery model locally. CAWST works together with local organizations to build their capacity to provide training and consulting in water and sanitation to other organizations in their country or region.

NUMBER OF PEOPLE REACHED USING CAWST'S EDUCATION MATERIALS

In the past year, 900,000 people have been reached by other organizations using our education materials, for a cumulative total of 1.5 million people. This demonstrates the value of our materials for clients and that clients are increasingly accessing and using them for wide-scale, mass awareness on water, health, and hygiene.

NUMBER OF ACTIVE CLIENTS

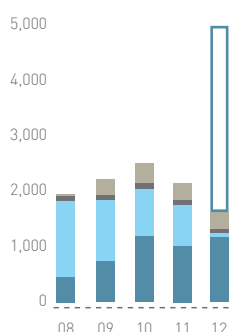
In 2012, 401 client organizations were supported by CAWST and our WET Centre partnerships. The 16% increase over 2011 is a direct result of our expanding service delivery both via our team and the support through our WET Centre partners.

COMMUNITY-BASED ORGANIZATIONS WORKING WITH CLIENTS

Most of our clients work with local, community-based organizations to implement water, sanitation and hygiene (WASH) programs. As of June 2012, survey respondents reported working with nearly 1,500 local organizations, a decrease from 2011. Our analysis indicates that the decrease is largely due to confusion with new wording used in the 2012 survey that was misinterpreted by some respondents. We will clarify the definition of community-based organization next year.

CAWST has contributed greatly to improving our organizational capacity, eventually saving at least 30 lives within the community annually.

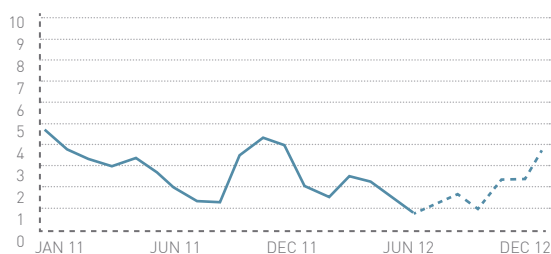
– Beatrice Wangani, Bera Orphans Children Rehabilitation & Survival Project, Kenya



REVENUE

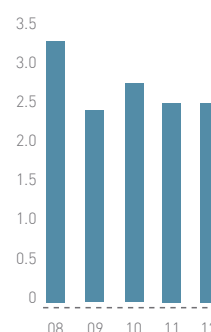
Financial Revenue (000's)

- Designated Revenue
- Undesignated Revenue
- Earned Revenue
- WET Centre Flow Through
- Forecast to Year-end 2012



FINANCIAL RESERVE

(Months)



COST PER PERSON IMPACTED

\$/ per person

REVENUE

Our 2011 revenue was \$2.1 million, representing a 10% decline from the \$2.3 million received in 2010. CAWST attributes this decline to not only the general economic uncertainty and its impact on corporate giving but also to the time and resources dedicated to both the transfer of senior leadership (which occurred during 2011) and on obtaining revenue from the Canadian International Development Agency (CIDA), most of which was not received until 2012. At June 30, 2012 CAWST had received \$1.6 million in revenue, with a target of \$4.5 million by year-end.

FINANCIAL RESERVE

Our financial reserves are calculated as the month-end cash balance divided by forecasted monthly expenditure. For the majority of the period June 2011 to June 2012, our financial reserves were below the minimum target of four months, due to the growth of the organization in 2011 and 2012. We monitor our reserves very carefully and will continue to do so in the coming months.

COST PER PERSON IMPACTED

This indicator measures the efficiency of our interventions and is calculated as the cumulative CAWST expenditure divided by the cumulative number of people impacted by our clients since the start of the organization. Since 2001, we have spent \$14.8 million and have helped 6 million people receive better water and sanitation. Thus, the cost-per-person-impacted ratio is \$2.47 per person as of June 2012. This is the same as that reported in 2011.

CAWST has been the foundation of our project, not only educating in the field of health, hygiene, and sanitation, but also providing constant support in the scale-up of our project.

– *Dhayang Norbu, India*

2011: A LANDMARK YEAR

2011 was a landmark year for CAWST. Most notably, we:

- Celebrated ten years, with results showing a consistent track record of growth in global reach,
- Transitioned the senior leadership team, including a global search to replace the retiring Founding CEO,
- Applied for and were awarded major project funding of \$6 million through the CIDA Muskoka Initiative, for a three-year project,
- Leveraged the WET Centre model to provide 173 international training and consulting support services, 83 of which were independently delivered by WET Centres, and laid the foundation to expand the program from three to eleven WET Centres, and
- Revamped the Youth Wavemakers Program to focus foremost on professional development and resources for educators to promote awareness of water and sanitation issues by delivering 143 training and consulting support services in North America.

In 2011, through visits to 19 countries globally, CAWST & WET Centres delivered the following services:

60 Consulting Support Visits
25 Community Health Promotion Workshops
17 Biosand Filter Project Implementation Workshops
15 Introduction to Low Cost Sanitation Workshops
11 Drinking Water Quality Testing Workshops
8 Biosand Filter Technician Workshops
8 Household Water Treatment Workshops
8 Monitoring and/or Evaluation Training Workshops
6 Project Evaluations
5 Effective Facilitation Skills for Trainers Workshops
5 Household Rainwater Harvesting Workshops
4 Learning Exchanges
1 Household Water Treatment Seminar

We also developed new training materials for two workshops, updated training materials for four workshops, and translated more than 110 documents into French and 235 documents into Spanish.

The training we received [from the Zambia WET Centre] for 18 masons in domestic rain water harvesting was fantastic. The masons are still appreciating the skills they received from the training up to now and other communities are calling for you to come and train them. Your organization has indeed trained community members 'how to catch fish as opposed to giving.' This activity was not only beneficial to our target communities but also sustainable; we appreciate it. (...) We now have less supervision in our construction works as the masons were really transformed.

—World Vision, Zambia

Our training workshops and consulting services help implementers address the issues and the realities that they face when designing and implementing good WASH projects. This is hugely rewarding as we get to see success at every stage of our work. We deliver services jointly with the WET Centres and get to watch the Centres' staff and trainers grow and strengthen their skills, knowledge, and confidence and, best of all, it is not long before the WET Centres are delivering these services independent of us!

- Pieter de Voecht, CAWST International Technical Advisor



We finished the first three-year phase of building our WET Centre Program and concluded that we can indeed develop the capacity of other organization to deliver CAWST-like services locally. Highlights include:

- WET Centres in Afghanistan, Nepal, and Zambia are delivering training and consulting services independent of CAWST.
- In Zambia, we increased our partner's capacity to develop and customize their own education and training materials, and they have produced three new one-day workshops independent of us.
- We executed on our competency validation process to increase the training skills of our staff, WET Centre partners, and clients, including the validation of 15 trainers, 15 community health promoters, eight biosand filter technicians, and 11 water quality technicians.

We also concluded that in order to be a WET Centre, we need to select partners with a higher starting level of institutional capacity than we originally thought. After over three years of working with PAIDEH in Haiti, we ended the focus on developing a WET Centre together. Instead, we remain committed to supporting them as a client and expanding our training and support to other organizations within Haiti.

In North America, the CAWST Youth Wavemakers program:

- Completed the development of new junior and senior high school education materials for North American youth,
- Delivered 135 workshops to schools and youth groups, reaching 5,821 youth,
- Delivered 14 professional development workshops to educators, reaching 200 educators,
- Provided educators with resources they delivered independently to 1,649 youth, and
- Supported 20 youth teams to undertake action projects.

In 2011, the Youth Wavemakers program delivered the following services:

121 Youth Workshops	6 Educator Workshops
12 Presentations	6 Wavemakers Booths
10 Community Displays	1 Youth Summit

On a regular basis I discover the broad reach that Youth Wavemakers now has with North American educators. At a water education conference this spring in Boston, I met a faculty of education professor who had recently delivered *Tikho's Story* to her student teachers. I've also seen local organizations in Calgary, such as the UN Ripple Effect, download our games and use them to teach hundreds of youth about global water and sanitation issues.

- Michelle MacDonald, CAWST Wavemakers Program Manager



Michelle MacDonald (right), CAWST Wavemakers Program Manager, with youth at the 2011 Mayor's Expo, Calgary.

LIFETIME SIGNIFICANT HONOURS AND AWARDS

AWARD	YEAR	AWARDED FOR	REASON FOR AWARD
First Prize Reed Elsevier Challenge	2012	Development of an Iron Amended Biosand Filter	"A scalable, sustainable and innovative solution with practical applicability and the ability to engage a range of stakeholders and local communities in order to provide sustainable access to safe water and sanitation services to the poor."
Energy Globe National Award, Zambia	2012	Development of AFMAC, a Water Expertise and Training Centre in Zambia	"A most exceptional project and solution for many of our environmental problems – an initiative that will ensure survival for many more people in the world, a project that protects our environment, and a solution which offers more hope."
Tides Canada, Top 10 Change Maker in Canada	2011	Change Maker in Canada	"Inspiring people to take action, to think in new ways, and to make the world a better place."
Non-profit Innovation Award, Calgary Chamber of Voluntary Organizations (CCVO), Calgary	2011	CAWST as an Innovation	"An innovation that yielded significant benefit to clients/stakeholders, staff or volunteers; that went 'viral' and spread quickly to other areas or organizations; an idea that had a large impact; that led to big learnings; that involved partnerships with other groups."
SUEZ ENVIRONNEMENT Special Prize, Water for All Competition	2010	Formation and Development of CAWST	"An innovative solution to improve and expand water and sanitation services in urban areas of developing countries which has shown positive results, is ready to be shared, and is supported by a local public entity."
Canada's Top Twenty Best Managed Charities, Donner Canadian Foundation	2010	Top 20 Best Managed Canadian Charity (Education Category)	"Performance in ten key areas, including management and governance, the use of staff and volunteers, innovation, program cost, and outcome monitoring."
Top Ten Finalist, Kyoto World Water Grand Prize, Mexico	2006	Household Water Treatment Technology Transfer in Haiti	"Grassroots-level activities work towards addressing critical water needs of communities and regions."
YMCA Canada, Peace Medal	2005	Being CAWST	"Outstanding contribution to peacemaking."
Imagine Canada New Spirit of Community Partnership Awards	2005	'Water for Life' Partnership Program	"To recognize and celebrate outstanding partnerships between Canadian businesses, non-profit organizations, and charities that are making a significant contribution in Canadian communities."
Alberta Science and Technology (ASTech) Award	2005	Significant Contribution Through Discovery or Application of Technology	"Outstanding achievement in applied technology and innovation. Based on criteria such as overall impact on industry or trade, economic and social impact, and results that change and advance current practice."
UN-Habitat Best Practice to Improve the Living Environment	2004	Humanitarian Distribution of the Biosand Filter	"An initiative which makes an outstanding contribution to improving the quality of life in cities and communities around the world."
Top Ten Finalist, Water Action Competition, World Water Forum	2003	Raise Awareness of the Importance of Protecting and Managing Freshwater	"To honour a distinguished organization whose long term and continual activities work towards the welfare of all citizens by addressing critical water issues at the grassroots level in their communities and regions."



CAWST'S WET CENTRES MULTIPLY RESULTS

Since 2001, CAWST has been teaching hands-on skills to those working to improve access to water and sanitation for the poor.

As word spread about our innovative approach, demand for our trainings and consultations grew rapidly. Unable to respond to every request, CAWST decided to try something new: forge partnerships with local organizations to establish independent training centres in developing countries that would do the same work that CAWST does.

In 2008, CAWST launched a three-year project to establish local WET Centres by partnering with local organizations in Zambia, Haiti, and India.

Now, in 2012, having proven the program to be successful, we are working to establish a total of eleven WET Centres across Asia, Africa, and Latin America. These WET Centres will do locally what CAWST does globally: teach community groups, other non-profit organizations, government departments, and local entrepreneurs to carry out projects that improve water and sanitation for the poor.

INTRODUCING THE WET CENTRE MANAGERS



CAWST WET CENTRE PROJECT MANAGER – EVELYN DEWAR

Building the capacity of another organization takes significant commitment and effort by both CAWST and our partner organizations. It's quite amazing what happens when there is an alignment of vision and mission, and the entrepreneurial spirit and drive to make a WET Centre a reality.



AFGHANISTAN – AZEEM BARAT

The DACAAR WET Centre is the only centre in Afghanistan that can provide quality capacity building and technical support in WASH. The provision of safe drinking water and sanitation is very important for the people of Afghanistan as there is high potential for the WASH projects to provide significant improvements in well-being for the communities. The cycle of poverty will not break in a community until they have access to safe water and adequate sanitation.

BOLIVIA – ELSA SANCHEZ

From a public health point of view, diarrhea has many causes but a main one is the consumption of water contaminated with fecal coliforms. The WET Centre is an opportunity to provide high-quality services to improve water quality at low cost and at the point of consumption. Even the government authorities are amazed that the water problem can be solved with so little money and that the people of the community can do it themselves.



CAMBODIA - UNG KUNTHEAR

The Centre in Cambodia will be working with NGO partners who are implementing WASH programs. Throughout these partnerships and the trainings provided to them, each will be able to transfer this knowledge and skills to communities including regular monitoring, coaching, education, promotion and reflection until the community is confident and able to put technology into practice independently.

CAMEROON – ANDRE ZANGA

Effectively, the WET Centre provides solutions to the different problems that prevent people from accessing clean water that gives life. The WET Centre is an arena where we fight to give more life and happiness to our existence.



ETHIOPIA – DEGNET SIMON

Because the Ethiopian WASH sector has a capacity problem and the cause of disease burden is water, sanitation, and hygiene related, my hope is that the WET Centre contributes to the reduction of such problems in Ethiopian communities.



HONDURAS – MARIA INESTROZA

For me, water is the basis for everything. The WET Centre is important because it gives us the chance to serve more people with water and sanitation in an effective way and it also allows us to get connected with other organizations to unify our common efforts.

LAOS – DR. SOUTSAKHONE CHANTHAPHONE

Through the WET Centre in Laos, the community has released themselves from using water from the ponds, rivers, and unprotected wells by applying the technology option that matches their needs: the biosand filter, solar disinfection, or chlorination during emergency cases. The community is also reducing their overall expenditures by not needing to buy bottled drinking water or firewood for boiling water, allowing for more freedom in their daily lives. The Centre is a backstop and strengthens capacity in the field of WASH.



NEPAL – YASODA SHRESTHA

I cannot imagine life without safe water because I start and end my day with water. The WET Centre is very important because it builds capacity and skills regarding WASH. This is one place from where we can transfer knowledge and skills to improve the WASH scenario of any community. This is the only Centre where we focus primarily on quality and sustainability of work, rather than only on quantity.

PERU – MALENA CASTRO

Water is one of the most vulnerable and scarce resources. In our country, this resource is being polluted more and more. The poorest, who do not have access to water and sanitation, do not have other options other than using the sources available, worsening their health and poverty conditions. Therefore, implementing a WET Centre in Peru is going to be very important to stimulate the expansion of water, hygiene, and sanitation services.



ZAMBIA – EVANS CHEGEYE

The WET Centre in Zambia is strategically placed to help bring about lasting change in the WASH sector in the southern African region. It is encouraging to note that communities and even individuals are increasingly making informed choices and taking charge to address WASH issues affecting them. The WET Centre in Zambia is indeed bringing life to water through provision of relevant education.

KALE HEYWET WET CENTRE FOUNDED TO ADDRESS CRITICAL KNOWLEDGE GAP IN ETHIOPIA

The newly established Kale Heywet WET Centre is well positioned to fulfill a critical role in improving quality of life in Ethiopia.

The Ethiopian government has recognized that “the water sector lacks specialized training institutes to foster professional skills and attitudes through short-term and on-the-job training and workshops”. The new WET Centre seeks to address this capacity gap at the grassroots level.

“There is huge demand from non-governmental organizations and government agencies for WASH training in Ethiopia,” says Melinda Foran, CAWST’s Director, Education Program Development. “Kale Heywet has developed collaborative partnerships and a strong reputation in the sector to successfully provide that training and ongoing support to these organizations.”

The WET Centre’s host organization, the Ethiopian Kale Heywet Church Development Program, has played a significant development role in Ethiopia over the last several decades. Their network includes some 7.5 million members in 8,000 congregations. They have served more than 1.2 million Ethiopians through their WASH projects.

Kale Heywet’s Integrated Water and Sanitation Program was established more than 27 years ago and in 2012, they added the WET Centre as yet another initiative. In addition to the WASH education that is currently an integral part of their program, the WET Centre will deliver services to a larger target audience, both internal and external to Kale Heywet.

Addise Amado, Kale Heywet’s water and sanitation program manager, is particularly excited about the WET Centre because Kale Heywet’s vision includes the creation of a university training centre for professionals in development topics. “The WET Centre is a significant step towards achievement of our vision,” says Addise. “Education is very important to Ethiopians. People will jump at the opportunity to be educated in something as crucial as water, sanitation, and hygiene.”



FUNDACIÓN SODIS: BUILDING THE CAPACITY OF GOVERNMENT ORGANIZATIONS



SODIS WET Centre Manager Elsa Sanchez receiving 2012 'Water for Life' UN-Water Best Practices

"The evolution of Fundación SODIS has been impressive," says Eva Manzano, CAWST's International Technical Advisor for Latin America.

Fundación SODIS was born in 2001 as an initiative of EAWAG from Switzerland and CASA (Centre for Water and Environmental Sanitation) at the University of San Simón in Cochabamba, Bolivia. The two organizations teamed up to promote solar disinfection (SODIS) in Latin America.

Until 2005, Fundación SODIS was exclusively focused on disseminating the practice of SODIS as a simple and affordable means for marginalized communities to disinfect their water. In 2005, the organization started promoting other household water treatment technologies as well, such as ceramic filters and biosand filters. Presently, they implement a comprehensive program of WASH interventions, focusing on empowering women's groups and schools.

Last year, Fundación SODIS and CASA established a partnership with CAWST to form a WET Centre. All three partners are now actively seeking funding to

develop the WET Centre, which is not part of the CIDA-funded WET Centre Muskoka Initiative.

Fundación SODIS sees huge potential to transform their country but there is little human capacity within the local government agencies to implement the water and sanitation solutions that are needed. To address the great demand for technical support, CAWST has linked local agencies with Fundación SODIS, which will now provide government organizations with technical support for the implementation of projects.

Recently, SODIS's pioneering work in water and sanitation was recognized by the UN, which awarded it the 2012 'Water for Life' award. "We are delighted that the UN 2012 'Water for Life' Award went to Fundación SODIS for a project involving WASH training of women's groups," states Eva. "The project empowered the women to such an extent that they became the real drivers behind local development processes."



CONNECT AFRICA RESOURCE CENTRES SHOW CAWST'S MODEL IN ACTION

Connect Africa, a Ugandan development organization and long-time client, is exemplifying the CAWST organizational model through its Resource Centre program. There are now six Resource Centres, four in Uganda and two in Kenya, with three others developing in Sudan and the Democratic Republic of Congo. The Centres are community-run initiatives that promote technologies such as household water treatment, rainwater harvesting, and eco-sanitation (composting and re-use of feces as fertiliser).

"I see a lot of similarities between the Connect Africa Resource Centres and CAWST," says CAWST's International Technical Advisor Tal Woolsey. "The communities come to Connect Africa to request a centre. They provide the land on which to build and they form a committee which provides the governance. Connect Africa trains the staff of the centre and helps with the required building and tools."

Trevor Tychon, co-founder of Connect Africa, says the impact on local communities has been 'transformational' in terms of confidence and health. "We don't have health data from clinics yet," Trevor says, "but you can see it, the people all tell you that their health has improved."

Before starting the centres in 2007, Connect Africa was doing mostly biosand filter training in refugee camps in northern Uganda. "They developed the Centre model after seeing CAWST's approach in action," says Tal. "Like us, they don't go into a community unless asked, they lead with education, they leverage what they have, and, in the end, they achieve that multiplier effect."

To date, Connect Africa has improved the situation of 65,000 people through its Resource Centres. CAWST supports Connect Africa by providing technical support and helping to improve their competency as trainers.

"It's amazing how it all started from one person coming to Calgary for training," says Tal. "It turned into a much bigger thing in an organic fashion. We couldn't have planned it this way."



RED CROSS TRAINING INITIATIVES ASSISTED BY CAWST

In early 2012, CAWST assisted in high-level training initiatives organized by two well-respected international organizations: the International Committee of the Red Cross (ICRC) and the Austrian Red Cross (AutRC).

In Afghanistan, CAWST and its WET Centre partner Danish Committee for Aid to Afghan Refugees (DACAAR) trained 15 ICRC field officers and water and sanitation managers on biosand filter construction and project implementation.

“What is impressive about ICRC,” says Peter Thomson, CAWST’s Director, Training and Consulting, “is not just their efficiency and professionalism, but their neutrality and impartiality and how well respected they are by all sides in conflict situations.”

Meanwhile, working with the AutRC to deliver training in Poland, CAWST reached an audience with which it is not normally in contact: citizens of the new member states of the European Union who are working in humanitarian aid or development. AutRC and the Register of Engineers for Disaster Relief are partnering to deliver the ‘Prepare to Respond’ program designed to support aid workers from these states.

AutRC is the program’s primary trainer on WASH and asked CAWST to co-deliver training with them on household water treatment in both development and emergency situations – a testament to AutRC’s recognition of CAWST’s expertise in household water treatment. A follow-up workshop is planned for Bulgaria in October, 2012.

Sifting sand for a biosand filter in -10C degree weather at the ICRC training in Kabul, Afghanistan.

Main picture: In 2009, the biosand filter production facility was a tarp under the trees producing two filters a day.

MISSION OF MERCY IS SCALING UP

Mission of Mercy, an Alberta-based client, is scaling up its biosand filter implementation in India in a big way. With \$2 million in new financial support from CIDA and guidance from CAWST, Mission of Mercy plans to construct 21,068 filters and install them in 20,728 households and 100 schools in India over the next five years.

“CAWST has been the foundation to our project, acting as a constant support system as we scale-up,” says Dhayang Norbu, Biosand Filter Project Manager. “In addition to the standard training courses, CAWST has helped us to design and build two production facilities, each capable of producing nine filters daily. Since sand production is one of the most tedious parts of filter production, CAWST also helped us build a sand sorter which produces enough sand of the right specification and consistent quality to produce up to 20 filters per day. They worked with us on the planning and implementation, and, last but not least, they supported us in the writing of the grant proposal to CIDA.”

CAWST staff members are inspired by Mission of Mercy's strong, capable field personnel. “They went after it,” says Pete Thomson, CAWST's Director, Training and Consulting. “They have come a long, long way in a short time.”

By project completion in five years, Mission of Mercy will have helped 44,589 men, 41,838 women, 24,867 boys, and 22,275 girls from vulnerable populations in the states of West Bengal and Jharkhand in India achieve improved health and access to safe water.

In 2011, the new production facilities produced 20 filters a day with consistently high quality.





WHAT WOULD CAWST HAVE DONE WITHOUT CHRIS READ?

Chris Read has been a valued Board Member since the organization started in 2001. He served as Board Chair from 2006 to 2009 and is currently Chair of the Audit, Finance, and Risk Committee and a member of the Human Resources Committee.

About his CAWST experience, Chris says:

“I have enjoyed the challenge of participating in a growing startup organization, sustaining that growth, having the right people in the right place, and confirming that the business model works. When you look at the progress that we have made, from working out of Camille’s basement, to the crowded office in which we are now located, that is a manifestation of the results in the field. It gives me a sense of accomplishment.

Over the years, I have been able to bring the experience of a seasoned financial manager. I have had input into the organizational strategies and I have been able to mentor specific individuals, especially those where I have held the equivalent of their roles in my professional career.

My biggest challenge was when I was Chair of the Board and we were faced with the decision of sending staff to Afghanistan for the first time. This was a very serious matter, with strong opinions from all of the Board Members and they were all over the map. It was an issue that could have really fragmented the board. Instead, it strengthened our governance and operations around travel safety and security.

In addition, there are the ongoing challenges of funding a growing non-profit in stressful economic conditions. It is a challenge to accept that there is no certainty in the funding and never will be.

To prospective future Members, I would say, CAWST creates a fantastic opportunity to contribute your experience, knowledge, and skills. CAWST needs and welcomes that contribution. Working as a Board Member of a non-profit has its own challenges. The fiduciary and governance responsibilities are as varied and important as they are for any large corporation. It is hugely rewarding”

SOCIAL INVESTING

CORPORATIONS HELP CAWST TO PIONEER



SUNCOR ENERGY: BUILDING THE FOUNDATION

Over the past ten years, Suncor Energy has been a big part of our success, locally and globally. Suncor's early investment in CAWST enabled the development of our first training and education materials. Spurred by that initial investment, our materials have now been used by hundreds of organizations in communities globally. Suncor was also instrumental in launching our Youth Wavemakers program, now reaching thousands of youth and adults every year. Both of these investments reflect the impact that Suncor has had on helping us mobilize action in communities through water education.

Suncor has played a key role in building CAWST's organizational capacity. Over the

years, there has been extensive expertise and leadership provided from Suncor's senior leaders - helping CAWST to define our vision, mission and values, develop our key performance indicators, and financial policies.

By spreading the word about our work to its peers, Suncor was also instrumental in engaging and building a larger group of CAWST corporate supporters and investors. Suncor believes that for any community initiative to be sustainable, it cannot depend solely on one source of support, but needs a strong foundation of diverse supporters contributing a variety of resources, including time, expertise, and finances.



TALISMAN ENERGY: TAKING A GLOBAL VIEW

Talisman Energy is one of CAWST's newest corporate investors. This global oil and gas company established a partnership with CAWST to help address the social issues of available clean drinking water, sanitation, and hygiene in countries around the world.

Talisman wants to invest in areas where it can have the greatest impact on poverty alleviation globally and specifically is investing in CAWST because "CAWST's poverty alleviation, water and sanitation provision, and education and capacity building programming provide essential building blocks required for the achievement of the Millennium Development Goals." To this end, half of Talisman's

investment is being directed to the organization as a whole. This essential support contributes to the development of our human and physical infrastructure, the flexibility to continue to innovate and take risks, and, ultimately, our ability to survive, grow, and thrive.

The other fifty percent of Talisman's investment is focused on assisting us to build our WET Centre program in eleven countries.

Talisman has also chosen to be very public about their investment in CAWST and their rationale for that investment. This adds great credibility to CAWST and the global cause it represents: better water and sanitation for the poor.



NEXEN: EXPLORING NEW FRONTIERS

CAWST and Nexen first met in Equatorial Guinea in 2005. Nexen saw the need for better water and sanitation for the people living in the region where Nexen had operations. Working along with UNICEF and six other oil exploration and services companies, Nexen engaged CAWST to deliver training on Biosand Filter Implementation to NGOs in that country. This experience led to the introduction of CAWST services to Nexen staff and corporate partners in Colombia as well.

By working together in these countries, Nexen and CAWST embarked on new territory that provided invaluable lessons for working with communities and companies around the world.

From instigating local ownership and finding local champions, to supporting organizations to take initiative on their own accord, and realizing outcomes in investments are not always predictable, CAWST gained experience that we now apply as other companies look to engage with us.

Since 2007, Nexen's investment in CAWST has been at the organizational level. This commitment assists CAWST to build a stable yet flexible funding source, allowing us to continue to build our organizational learning and development, benefiting our clients and the millions of people they impact.



ENCANA: INCUBATING NEW IDEAS AT CAWST

Encana has played a key role in the incubation of CAWST over the years, providing us the flexibility to test new ideas, many of which have evolved into core concepts of the organization.

Early on, Encana's sponsorship of household water treatment training seminars for Canadian NGOs allowed us to expand our client base. As well, we provided training for communities near Encana's Ecuador operations. Through this experience, CAWST learned valuable lessons on how to best work with corporations internationally.

Later, Encana was one of our founding funders for our WET Centre program, enabling us to leverage government funding and learn how to train other organizations to deliver 'CAWST-like' services locally.

Today, as a current supporter of our Youth Wavemakers program, Encana has helped us to transition from training youth to training and providing resources to educators, reaching more youth than ever before.

CAWST'S YOUTH WAVEMAKERS PROGRAM: INSPIRED BY YOUTH

In September 2004, Calgary youth contacted CAWST because they had heard the news about the major flooding and mudslides in the city of Gonaïves, Haiti as a result of Hurricane Jeanne. They wanted to learn more and they wanted to take action.

It was this event and these youth that spurred CAWST to think more deeply about our responsibility to educate here at home on global water issues.

In 2005, we held our first Youth Summit on World Water Day bringing youth together to explore local and global water issues and to design an action plan.

Last year, we transitioned the program from a primary focus of direct delivery to youth to one that develops and delivers resources and professional development to educators. We are applying exactly the same model used overseas to our Youth Wavemakers program and we are already starting to see it ripple beyond the Alberta and Canadian borders.

OUR PHILOSOPHY OF EDUCATION

We believe...

1. With the right tools and support, youth can have a substantial impact on their community.
 - We provide planning tools and grants to support youth action.
2. Youth want to share their own stories and hear about the experiences of others.
 - We work with children, such as Tikho and the Kids of Kayele, to create authentic stories about global water and sanitation issues from a youth perspective.
3. Youth are motivated by positive stories of community development.
 - We focus on stories of empowerment to break down stereotypes and foster cross-cultural understanding.
4. Resources are most useful when they are teacher and student tested.
 - Our education team revises resources after they have been piloted in the classroom.



CAWST wholeheartedly supports the UN's commitment that "attainment of universal coverage through at least basic access to both drinking water and sanitation services should be reflected in future targets."

CAWST SUPPORTS UN COMMITMENT TO TARGET BASIC WATER AND SANITATION ACCESS FOR ALL

On March 6, 2012, the United Nations announced that the world had achieved the water Millennium Development Goal (MDG) of reducing by half the number of people without access to safe drinking water. It said that the world had achieved this in 2010, well before the 2015 deadline but the announcement of such an important milestone was decidedly subdued.

The WHO and UNICEF's 2012 Update on the Progress of Drinking Water and Sanitation gives an indication on why it was muted, by pointing to three areas of concern with the target achievement:

- The indicator used to measure the achievement of the target,
- The sustainability of the target achievement, and
- The equity of the progress achieved.

Even given these areas of concern, CAWST is encouraged by the UN's direction as committed in the 2012 Update. We understand that the UN water MDG was not perfect and admire their courage to set targets in the first place. We applaud the honesty in analysis and reporting expressed in the 2012 Update and wholeheartedly support the UN's commitment that "attainment of universal coverage through at least basic access to both drinking water and sanitation services should be reflected in future targets."

They also better understand the water-health connection and are more motivated and able to initiate and drive their own adequate access of water and sanitation.

CAWST's approach has been further validated by this UN 2012 Update as one that addresses all three areas of concern.

The MDG indicator used to measure water quality

In order to determine the number of people with “access to safe drinking water,” the UN agencies needed to have some measurement of the safety, or quality, of drinking water in the home. Since measuring drinking water quality directly on a large scale was impossible, the UN agencies used a proxy indicator for water quality. They used “the number of people using improved drinking water sources” as the indicator of whether people were getting ‘safe’ water. Improved sources include dug wells, protected springs, and boreholes. However, when they checked the validity of this proxy indicator in five countries, they found “across countries, on average one in two protected dug wells was contaminated and one in three protected springs and boreholes were contaminated.” Therefore, they determined, “it is likely that the number of people using safe water supplies has been overestimated.”

A central CAWST strategy addresses these issues: start by teaching people how to treat drinking water in their homes. Using simple techniques, people can ensure they have safe water regardless of their water source and thus reduce the possibility of water-related diseases. They also better understand the water-health connection and are more motivated and able to initiate and drive their own access to water and sanitation.

‘Improved’ water sources vs. safe drinking water

Boreholes and tubewells – 31% not safe

Protected springs – 37% not safe

Protected dug wells – 57% not safe

<http://www.undispatch.com/mdg-water-target-met-but-what-about-sanitation-and-diarrhea>

Sustainability of drinking water supply

Since human and animal feces are the primary contaminants of water supplies, one cannot declare victory on the sustainability of the delivery of safe drinking water unless water sources are protected from fecal contamination on a continuous basis. Yet as the 2012 Update notes, “in 2010, 2.5 billion people were still living without basic sanitation, 15 percent of the world population defecated in the open, and, at the current pace, the sanitation target of halving the number of people without access to basic sanitation was estimated to be reached not until 2026.” Moreover, as another 2010 UN Report indicated, “80 percent of the waste water generated in developing countries,” including waste water generated from those considered to have access to basic sanitation, “enters the rivers and streams untreated.”

Not only does the lack of sanitation affect the sustainability of water provision that is reported but as the 2012 Update also concedes, “the sustainability of both water and sanitation facilities provided were not addressed by the current set of indicators used to track progress.”

To encourage uptake of sanitation, CAWST integrates the issues of water, sanitation, and health in the content of the CAWST training and education materials, providing people with a holistic understanding of the links between the issues. Also, in our 2011 Annual Report, we pointed out that perhaps the water MDGs and the sanitation MDGs should be integrated – in other words, that the world could not meaningfully declare victory until they were both met.

Equity of progress achieved

The 2012 Update declares, in “the 48 countries designated as the least developed by the United Nations, the majority of the people have not benefited from investment in water and sanitation. In those countries, one in four people practice open defecation and one in ten use surface water (rivers and ponds without treatment) for drinking. The numbers are even higher in rural areas.”

CAWST continues to focus its efforts on simple, affordable water interventions that even the very poor can put into practice. We recommend that the water and sanitation MDG targets be considered a key part of the larger global poverty alleviation and health objectives, rather than be listed only as an environmental consideration, as they are currently.



There is a long road ahead to provide basic access of drinking water and sanitation to all. We believe that it can be done. We see our approach as being on the right track — motivating and educating people so they are willing and able to meet their own basic water and sanitation needs.

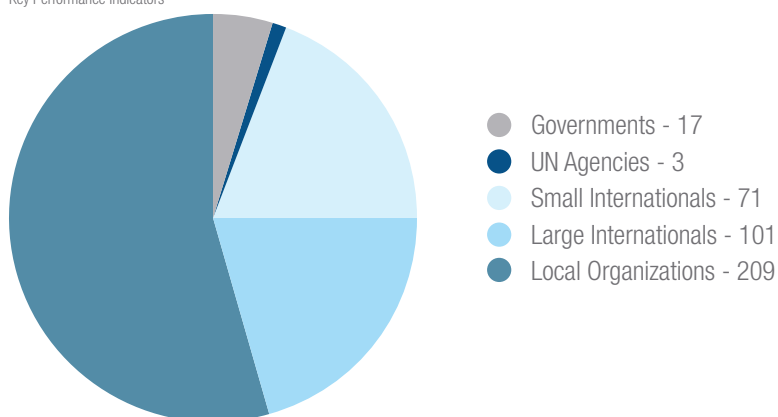
CAWST'S CLIENTS

CAWST's active clients are organizations or individuals that have planned or implemented a project as a result of our training, requested technical support or advice, or used our training and education materials to train others in the past 12 months.

CAWST's 401 active international client base is comprised of local organizations, small and large international NGOs, developing country government agencies, and UN agencies. Our international clients can be divided into two major client groups: organizations that are implementing WASH programs for the poor in developing countries and Water Expertise and Training (WET) Centre partners.

CLIENTS BY CATEGORY 2011

Key Performance Indicators



In North America, through our Youth Wavemakers Program, we have 85 clients including youth educators and community groups.

2012 PLANS: TAKING CAWST TO THE NEXT LEVEL

CAWST's key focus for 2012 is to:

1. Expand our WET Centre program, from 3 to 11 centres,
2. Strengthen and expand our current services, and
3. Increase our public profile.

This plan entails a step-change in service delivery and revenue generation in 2012.

EXPAND OUR WET CENTRE PROGRAM, FROM 3 TO 11 CENTRES

Over the past three years, we have refined our ability to identify and partner with organizations to establish WET Centres and, with significant institutional backing from CIDA, we are ready to expand the program.

Over the next few years, the number of WET Centres will grow from three to eleven, operating in some of the world's most impoverished countries. WET Centre development in Afghanistan, Cambodia, Cameroon, Ethiopia, Haiti, Laos, Nepal, and Zambia is funded by CIDA, but those in Bolivia, Peru, and Honduras are not, requiring further fundraising.

STRENGTHEN AND EXPAND OUR CURRENT SERVICES

1. Increase the use of information and communication technologies in service delivery

Accessing our online educational tools and resources is often the first point of contact between CAWST and our clients. Cumulative downloads of our educational resources have doubled in the last seven months to 105,000, as of June 30. Clients also regularly customize these materials to meet their own needs: for instance, clients have translated CAWST materials into at least 19 languages. In 2012, we plan to develop videos, webinars, and an online knowledge base for practitioners, to complement CAWST's real-world services.

Using CAWST training material has helped to increase the knowledge base of our staff and community people regarding safe sanitation and hygiene practices, and to improve the sustainability and maintenance of facilities provided for the communities.

—*Mohamed Nyakoi, Muloma Women's Development Association (MUWODA), Sierra Leone*

2. Expand the reach of the Youth Wavemakers Program

Our Youth Wavemakers program promotes global citizenship in North American schools by providing education materials and training to educators who teach youth about global and local water issues. We are expanding the reach of the program this year through an increase in professional development of educators, while maintaining a steady investment into the program, constituting 11% of our 2012 budget compared to 12% in 2011.

You will be amazed at what your students are able to accomplish if they participate in this program. They will develop the skills necessary to become project managers as well as responsible global citizens.

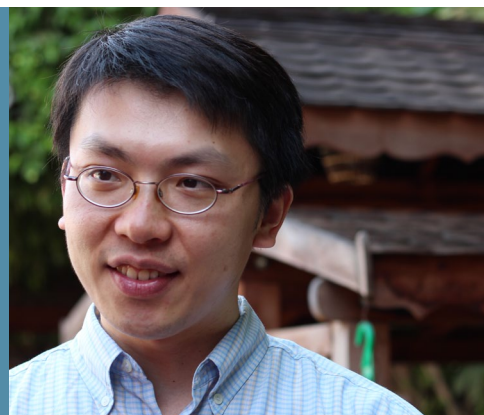
— *Bill Robinson, Grade 9 Global Leadership Teacher, St. James Junior High*

In 2012,

- International Services will:
 - Develop training materials on Household Water Treatment in Emergencies, Ecosanitation, and Biosand Filter Project Evaluation.
 - Deliver 30 workshops directly to clients and 52 workshops jointly with WET Centre partners.
 - Provide 24 consulting support visits to clients and 16 consulting support visits jointly with WET Centre partners.
 - Conduct three Learning Exchanges.
- North American Youth Wavemakers Program will:
 - Deliver 100 youth workshops in Calgary.
 - Deliver 14 professional development workshops for educators throughout Canada.
 - Support 30 teams conducting water action projects.
 - Develop another high school science resource.

We have an opportunity to improve our understanding of our impacts. We are always seeking to understand which approaches work best in equipping organizations to deliver water and sanitation services. Although our KPIs have been developed and refined over the years, there are still challenges. For example, it can be difficult for us to fully capture the results of our activities as we are one step removed from the implementation.

—Tommy Ngai, CAWST Director, Research Learning



3. Improve CAWST's Performance Measurement

Since inception, we have emphasized the need to measure our outcomes (i.e. what people do after receiving training) so that we can continuously improve our service delivery practices and training materials.

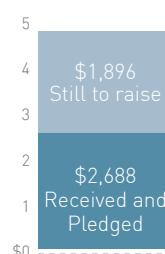
We plan to improve the way we measure our performance, beginning by working with the University of Cambridge and Mount Royal University to systematically explore and define our outputs, outcomes, and impacts. In subsequent years, we will use this process to refine our results framework.

INCREASE OUR PUBLIC PROFILE

In order to scale up, we need to increase our profile with both clients and funders. All the ingredients are there: our model works and has been recognized as an innovation, we have a great story, and we can leverage the large networks we have developed. Furthermore, there is increased demand for and focus on capacity building in WASH. CAWST fills a unique niche, offering donors the chance to make a profound and lasting impact in the lives of those most in need.

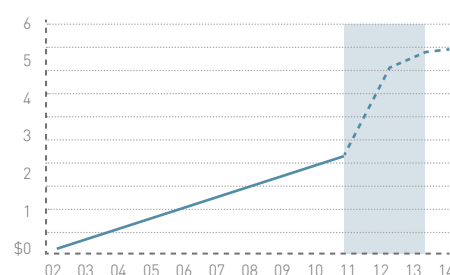
Position CAWST as a Credible Social Investment

Since the vast majority of our clients cannot afford to pay, CAWST needs financing to subsidize our service delivery on an ongoing basis. Positioning CAWST as a good social investment aligns with our non-profit business model and philosophy, which asks funders to look at us like an investment. It also enables us to educate funders on the value of investing in the organization as a whole, instead of specific programs of the organization. It allows us to contribute to advancing the discussion amongst funders, academia, and private and public sectors on how to measure social performance.



2012 BUDGET

Revenue (as at July 31, 2012)
(millions)



2012: TAKING CAWST'S MODEL TO THE NEXT LEVEL

(millions)

2012: A GROWTH SPURT

Our entire history has been one of steady and sustained growth, about ten percent per year, as we refined our model of change. The financial impact of our planned expansion, kick-started with CIDA's grant, is budget increase from \$2.1 million in 2011 to \$4.5 million in 2012, with continued incremental growth averaging 11 percent through to 2014.

This step-change builds on the momentum created to date and significantly increases the organization's potential for impact on a global basis. CAWST is now working to raise an additional \$1.9 million in 2012 (as of June 30) in order to fully leverage the CIDA support. At time of printing, we are at 60 percent of our goal.

CIDA AWARD & CHALLENGE: \$6 MILLION OVER THREE YEARS

CIDA has recognized our success and potential with a pledge of up to \$6 million over the next three years towards our WET Centre program. CIDA's support provides us with both a unique opportunity and the challenge of raising matching funds and successfully managing a step-change in growth.

In order to fully leverage CIDA funding, we need to match their funds with donations from Canadian supporters. For every dollar invested in CAWST, the Canadian government invests three dollars through this partnership.

PEOPLE

MEMBERS

As an organization, we are accountable to our membership. We now have more than 2,100 members from all over the world, a ten percent increase over 2011. In order to become a member, one supports the vision and mission of CAWST and registers on our website. Members are an integral part of our overall governance. In 2011, for the first time, CAWST made it possible for members to vote online on motions presented at the Annual General Meeting.

BOARD

Our Board of Directors is a dedicated group of professionals who volunteer their time to ensure CAWST is a well-managed, successful organization. Their valuable professional experience and personal skills have helped steward CAWST through a period of growth over the last year.

The Board Members are:

Greta Raymond, Chair

David Boone 

Camille Dow Baker

Chris Read  

Roger Smith 

Shauna Curry, Secretary

Fred Claridge 

Evan Hazell 

Bill Redmond 

Valerie Yankey-Wayne 

Ken Bagan  

Shawn Cornett 

Jonathan Moser 

Cathy Ryan

Ora Zabloski 

 Members of the Finance, Audit and Risk Management Committee

 Members of the Human Resources Committee

 Members of the Governance Committee

The Board Chair and CEO are ex officio members of all Board Committees.

CAWST would like to thank retiring board member Bill Redmond.

Bill Redmond has been on the Board for two years and was instrumental in maintaining and nurturing the relationship between CAWST and the Rotary Club of Calgary. His thoughtful deliberations and practical input will be missed.

STAFF

Our staff is an impressive group, comprised of 25 people from 12 different countries, who speak 21 languages, and have worked in 91 countries. With passion and determination, each member of the staff works tirelessly to achieve our vision. In fact, the staff collectively volunteered 1,822 hours in 2011, equivalent to 0.9 full-time employees. Without the staff's professionalism, their attitude, and their dedication to serving the poor in developing countries, CAWST would not have been able to reach 6 million people in 11 years with improved water and sanitation.



CAWST staff:

- Come from 12 countries,
- Speak 21 languages, and
- Have worked in 91 countries.

VOLUNTEERS

Over 2,000 hours were donated to CAWST in 2011 by committed and engaged volunteers. This is equivalent to the time and effort of 1.1 full-time employees. From design work, to research, to administrative support, our volunteers have a full range of skills and experience that they apply to CAWST. Their excitement, willingness to help, and hard work make it possible for CAWST to focus on our goal of reaching 20 million people by 2020.

DONORS

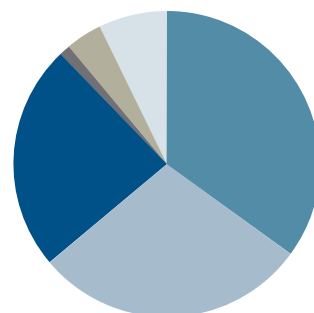
Over 200 individuals, community groups, business organizations, and government institutions donated \$2.1 million to CAWST in 2011 (see back cover and corporate donor profiles). Without this generous support, we would not have been able to make the impact that we have over the last year.

Given our growth from a budget of \$2.1 million in 2011 to \$4.5 million in 2012, we need to maintain donation levels from current donors while raising an additional \$1.2 million from new or increased donations in 2012.

This is a huge challenge but we are confident that Canadians will step up to support global poverty alleviation through water and sanitation provision.

Calgary's major energy corporations have provided much of the initial funding required for the formation and development of CAWST over the last 11 years. Corporations, in total, have invested 25 percent of the cumulative \$14.8 million in funding that we have received since inception.

2011 DONORS



- Individuals - 30%
- Corporations - 31%
- Government - 21%
- Community Groups - 2%
- Foundations - 10%
- Earned Revenue - 6%

THANK YOU

MARK BINETTE – for creating an excellent video on the construction of the steel mold for the biosand filter using CAWST images and video.

JACQUIE BROADFOOT – for being part of the CAWST team on a weekly basis - every Monday for the past two years - sharing with us skills and expertise on anything we toss her way, in particular contributing to our fund development and public engagement.

OLENKA FORDE – for cleaning up our historical client records database and enhancing CAWST's understanding of how the United Nations' declaration of the human right to water affects the way CAWST and our clients operate.

BEN GREASY – for wonderfully communicating our message and going far beyond the call of duty supporting the Wavemakers team during education conferences in Edmonton.

GOLAM KHAN – for meticulously documenting our water quality testing equipment and supplies and preparing recommendations on health and safety procedures.

LIANA KEARL – for being a kind-hearted and dedicated member of the Youth Wavemakers Speaker's Bureau and committing the 2011/12 school year to mentoring a Wavemakers team as they executed their action project.

EDRIC LEUNG – for building a tremendous stock-pile of sand sieve sets and for updating our technology fact sheets, both of which are highly valued by our clients worldwide.

CECILIA PERRETTA AND LOLA VARGAS – for being absolute superstar translators and for always being willing to respond to an urgent translation request with care and quality.

LISA RUSHKA – for her wise advice and counsel on CAWST's public relations strategies.

JULIA STADNYK – for reviewing the CIDA WET Centre agreement for CAWST and helping us to translate the legal language.

ANIMATION BREWERY – for tirelessly developing and iterating with CAWST to create an extraordinary computer game for junior high students to learn about global and local water and sanitation issues, called Kids of Kayele.

WESTERN SKY CREATIVE – for their creativity in the design of the 2011 and 2012 Annual Reports, for their patience through the iterations of the drafts, and for making our Annual Reports look better than they ever have.

STATEMENT OF FINANCIAL POSITION

December 31, 2011, with comparative figures for 2010

	2011	2010
Assets		
Current Assets:		
Cash and Cash Equivalents	\$ 978,573	\$ 773,616
Term Deposits	373,330	570,000
Accounts Receivable	11,860	54,243
Prepaid Expenses	13,599	9,062
Marketable Securities	-	-
	1,377,362	1,407,101
Property and Equipment	26,195	30,965
	\$ 1,403,557	\$ 1,438,066
Liabilities and Net Assets		
Current Liabilities:		
Accounts Payable and Accrued Liabilities	\$ 90,056	\$ 113,582
Deferred Contributions	538,826	132,145
	628,882	245,727
Net Assets	774,675	1,192,339
	\$ 1,403,557	\$ 1,438,066

STATEMENT OF EARNINGS

Year ended December 31, 2011, with comparative figures for 2010

	2011	2010
Revenues:		
Donations	\$ 1,579,760	\$ 1,627,781
CIDA Grant	438,035	539,764
Project Consulting	25,666	102,961
Training Courses	50,630	39,356
Interest Income	5,770	3,522
	2,099,861	2,313,384
Expenses:		
Salary and Benefits	1,311,827	1,237,574
Water Expertise and Training Centres	373,185	307,172
Consulting	278,186	153,252
Travel	186,827	173,282
Office and Administration	164,308	141,351
Rent and Utilities	73,671	58,291
Professional Fees	33,600	33,600
Insurance	33,152	32,559
Materials and Laboratory Supplies	30,386	70,908
Training and Conferences	9,484	7,394
Meals and Entertainment	1,248	10,486
Loss (Gain) on Sale of Marketable Securities	2,958	1,842
Depreciation	18,693	21,640
	2,517,525	2,249,351
Excess of Revenue over Expenses	\$ (417,664)	\$ 64,033

CLIENTS

THE FOLLOWING LIST OF CLIENTS RESPONDED TO CAWST'S CLIENT SURVEY, REPRESENTING THE TYPES OF ORGANIZATIONS WHO CAWST TRAINS AND SUPPORTS:

Afghanistan

- Afghan Aid
- Caritas Germany
- Danish Committee for Aid to Afghan Refugees
- HELVETAS Swiss Intercooperation
- International Committee of the Red Cross
- RCDC
- Aloshikha RSD Center
- BRAC
- Local Environment Development and Agricultural Research Society
- Samaj Progoti Sangstha (SPS)
- Bolivia
- Asociacion Salud con Justicia Social
- Bien Te Fue
- BOL-CAN
- Caritas Coroico
- Fundación Salud Río Beni
- G.A.M. Villa Rivero
- The Bolivian Water Project

Brasil

- SES-RJ
- Mamirauá Institute for Sustainable Development

Cambodia

- Church World Services
- Cooperation for a Sustainable Cambodian Society
- Department of Rural Water Supply
- Sustainable Cambodia
- Water For Cambodia
- World Vision Cambodia

Cameroon

- Global Health Dialogue
- Fasa-Fmbee

Canada

- All For Humanity Association
- Clean Water Pakistan
- Emmanuel Foundation for International Community Development
- Friends Who Care Charities Ltd
- Helen & Ernest Simmons Environmental Education Fund
- Help for the Highlands of Guatemala
- Innovative Canadians for Change (ICChange)
- Rotary Club of Calgary South
- Sault North Rotary

Canada/Iraq

- WesternZagros Ltd

Colombia

- Ingeniería de Servicios Ambientales y Sanitarios Ltda

Czech Republic

- People in Need

Honduras

- Agua Para el Pueblo

Ethiopia

- Ethiopian Kale Heywet Church Development Program
- GOAL
- Oxfam America

Ghana

- World Health Organization
- Accra Technical Training Centre
- EWID

Guatemala

- CARE
- Consultor
- La Luz de Vida
- Loving Arms
- Vida Proyectos
- Wuqu' Kawoq

Haiti

- Hands Helping Haiti
- Lifewater Canada

Honduras

- Agua Pura para el Mundo
- Servicio Autonomo Nacional de Acueductos y Alcantarillados

India

- Asian Rural Life Development Foundation
- Assembly of God Mission
- Development of Humane Action Foundation
- FINISH Society
- IRDP
- Living Word Centre
- Pragathi Organisation
- Shree Nityananda Education Trust
- Third Millennium Awakening

Indonesia

- Rotary Club of Lombok
- Yayasan Tirta Lestari

Ireland

- Water for Cameroon

Kenya

- Bera Orphans Children Rehabilitation & Survival Project
- Community Initiatives Facilitation & Assistance
- Kenya Water for Health Organization
- Lwala Community Alliance
- Rick Scott Bunyala Community Training and Development Initiative
- Running Water International
- Samaritan's Purse
- Sasa Kenya
- Tenwek Community Health & Development
- Women And Youth Support Services (ANASS)

Lao PDR

- National Center for Environmental Health and Water Supply

Malawi

- Anglican Diocese of Northern Malawi
- Blantyre Synod Health & Development Commission
- ERA Pure Water
- Timothy Harvest Ministries

Mexico

- Global Force Mexico
- Programa de Apoyo Nutricional

Mozambique

- Associação TIOS Moçambique

Myanmar

- World Concern

Nepal

- Environment and Public Health Organization

Nicaragua

- blueEnergy
- Fundación Tierra
- Missionary Ventures International, Inc.

Nigeria

- Rural Africa Water Development Project

Pakistan

- District Coordination Council of NGO's
- Koshish Welfare Society

Peru

- Aynimundo
- Caxacacao
- Desarrollo Sostenible en Acción Peru
- Equidad y Desarrollo (EDES)
- Rotary Club La Molina Vieja
- Rotary Club Los Alamos
- Universitario Nacional Agraria, La Molina
- ADESISS

Phillipines

- A Single Drop for Safe Water

RD Congo

- Snymrna Harcest Mission

Rwanda

- Blood:Water Mission
- Life and Water Development Ministries Rwanda
- Rwandese Health Environment Project Initiative

Sierra Leone

- GOAL
- Muloma Women's Development Association (MUWODA)
- Southern Eye Institute
- World Vision

South Africa

- Biolife

South Sudan

- Oxfam GB
- Pan Aweil Development
- Revival Movement

Tanzania

- Health & Environmental Rescue Organization
- MSABI
- Serving Our Neighbor International
- Water Development and Management Institute

Thailand

- Water Traid (Suisse) SA

Uganda

- A Rocha Uganda
- Connect Africa Ministries
- Divine Waters Uganda
- Lifewater International
- VOM
- Water Gods Way

UK

- Tearfund

United States

- Pure Water for the World
- Rancho International Ministries
- A Vision for Clean Water
- Aqua Clara International
- Dennis St. John
- Don Gibson
- EFCA ReachGlobal
- Friendly Water for the World
- Lifewater International
- Massachusetts Institute of Technology
- Mercy Outreach Ministry Inti
- Monahans Draw Church
- MOST Ministries
- Novi Rotary
- Safe Water Kenya Rotary
- Santa Maria High School
- South Asia Pure Water Initiative

Venezuela

- Agua Hoy

Vietnam

- Cat Ba Biosphere Reserve

Yemen

- Operation Mercy

Zambia

- Chibolya Education & Health Organisation Zambia
- Chitukuko Water Project
- Development Aid from People to People
- Green Enviro-Watch
- ICE
- Lutheran Health & Development
- Ndola Nutrition Organisation
- Programme for Sustainable Rural Development
- Reformed Open Community Schools
- Seeds of Hope International Partnerships
- Vineyard World Missions (Kalundu View Project)
- World Vision Chama ADP

Zimbabwe

- One Way Ministry
- Single Parents Widowers Support Network

DONORS

(JANUARY 2011-DECEMBER 2011)

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Organizations/ Institutions

967338 Alberta Ltd
APEGGA
Baker Resources Ltd.
Bishop Grandin High School
CA technologies
Calgary Board of Education
Calgary Chamber of Voluntary Organizations
Calgary Wellness Festival
Canadian Online Giving Foundation
Cenovus Employee Foundation

Centro Fox
CIDA (Government of Canada)
Cindy Johnson Royer Fund
City of Calgary
Calgary Foundation
Cleartech Social Fund
Dunfield Family Fund
Ecole Dickinsfield School
EnCana Cares Foundation
EnCana Corporation
Fairview Middle School
Father Lacombe High School
First Calgary Financial
Holy Nativity Anglican Church
India Fest
John and Elsie Collins Foundation
Keith and Renee Musical Group
KPMG Foundation
Langevin School
Lilac Festival, Calgary
Mardon Fund
McMillan-McGee Corp.
Nexen Inc.
Nulli Secundus Inc.
Pareto Foundation
Ptarmigan Fund
Pure Technologies Ltd.
RBC Foundation
Revay and Associates Ltd
Roger and Lorna Smith Fund
Rotary Club of Calgary
Signature Care
St. Albert the Great School
St. Barnabas Anglican Church
St. Helena Junior High School
St. Paul's Anglican Church
Sun and Salsa Festival
Sunbold Ltd.
Suncor Energy Foundation
Talisman Energy Inc.
Telus Corporation
The Belich Family Fund
The Byler Foundation
The Calgary Foundation
The Church of St Laurence
The Newall Family Foundation Trust
The Rubicon Fund
Trico Charitable Foundation
University School
United Way of Calgary and Area, Donor Choice Program
United Way Toronto
W.O. Mitchell Elementary School
Western Zagros



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