



CAPABILITY STATEMENT

Working with Government to Provide Quality WASH Services



We distill and disseminate knowledge and develop capacity on non-networked water, sanitation and hygiene (WASH) solutions for government in low- to middle-income countries.

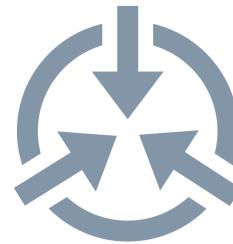
Our aim is to build capacity so that, in the long-term, clients can operate independently without our assistance.



We develop open content, downloadable WASH education and training resources



We provide short, targeted training on a range of WASH and health topics and build technical and implementation knowledge on non-networked WASH solutions



We facilitate and coordinate learning, research, and collaboration between various levels and departments of government



We provide ongoing advice and support, as needed, when needed, to help government staff troubleshoot, overcome challenges, and improve quality



We help government agencies develop and deliver their own sanitation training programs to enhance the knowledge and skills of government staff involved in providing WASH services to communities



THE CHALLENGE

Government service providers face several barriers to achieving safely managed water¹ and sanitation² services for all citizens.

CAWST helps government service providers increase coverage by introducing them to, and building their ability to implement, non-networked solutions. We do this through the range of services we offer— WASH training, learning exchanges, and advisory services. By building capacity related to non-networked solutions, CAWST offers government agencies working in WASH a practical way to complement their networked service provision.

¹ This means water at home, available, and safe. As of 2015, 2.1 billion people (29% of the world's population) do not have this (WHO/UNICEF JMP, 2017).

² This means use of a toilet or latrine that leads to treatment or safe disposal of excreta. As of 2015, 4.5 billion people (61% of the world's population) do not have this (WHO/UNICEF JMP, 2017).

One part of the challenge is urbanization and the growth of informal settlements. The population of urban informal settlements is expected to almost double, hitting 2 billion by 2030, and reaching these areas with sewered and piped systems is not always practical. In addition, rural areas also face major challenges, with significant gaps in safely managed water and sanitation services. For example, of the 161 million people using untreated surface water (from lakes, rivers or irrigation channels), 150 million live in rural areas; 2.3 billion people do not have basic sanitation services, including 600 million people who share a toilet or latrine with other households, and 892 million people—mostly in rural areas—who defecate in the open (WHO/UNICEF JMP, 2017). Overcoming these challenges is not just about providing access—the quality of services is vital.

In light of the range of challenges with which government service providers have to contend, there is increasing recognition that conventional sewered and piped systems are not the only solution for providing quality, equitable services. These traditional approaches can be complemented by non-sewered sanitation systems and non-networked water supply and treatment systems to complete the service chain across different contexts—urban, peri-urban, and rural.

This is where CAWST comes in.

SERVICES & EXPERIENCE



At CAWST we walk beside our clients, helping them start, scale up, and improve their WASH programs.

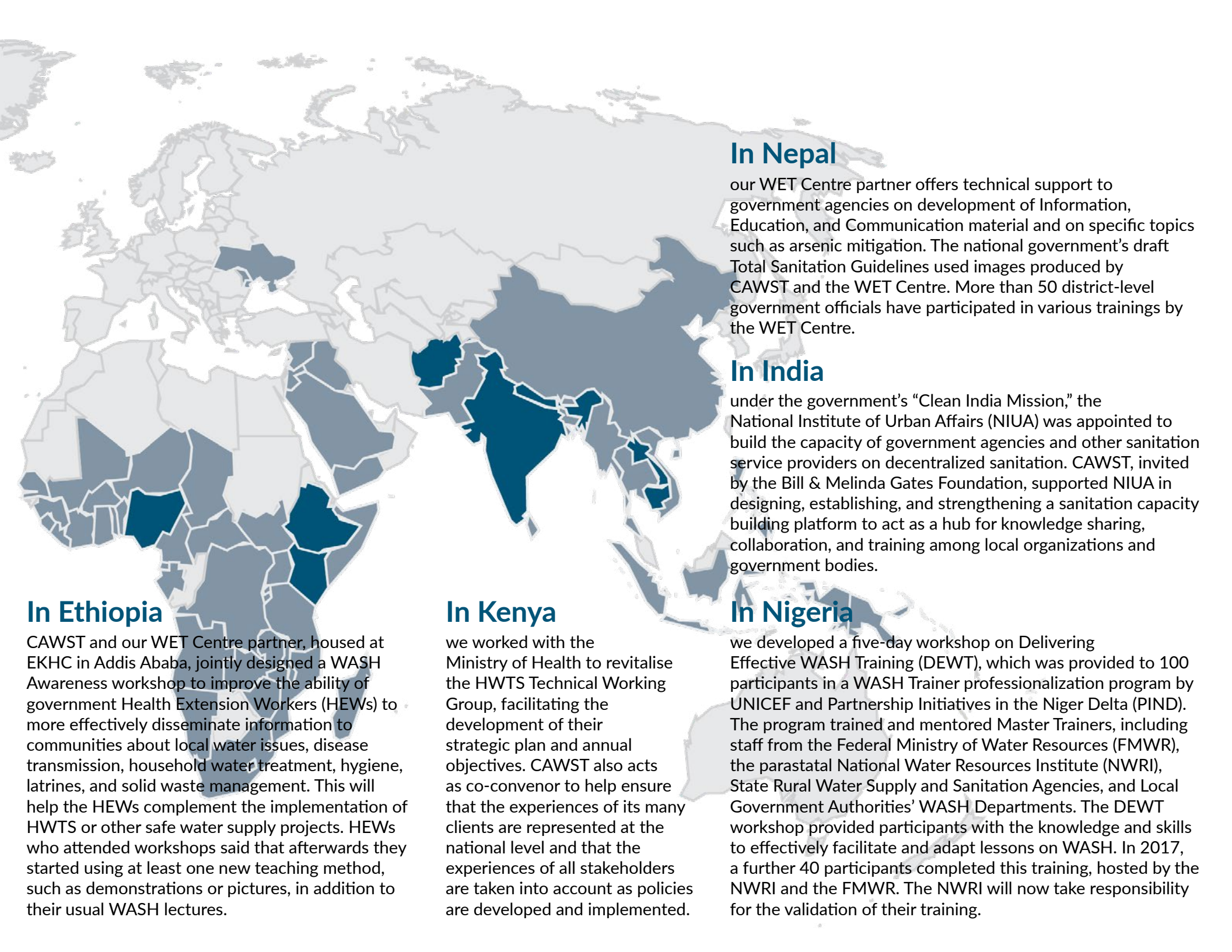
By building awareness of, and competencies in, non-networked WASH solutions that can complement networked systems, we help government agencies fulfil their duty to provide basic water and sanitation services for all citizens.

We offer a suite of complementary services, such as: WASH training and learning exchanges to build technical and program implementation skills; ongoing advice and support to troubleshoot, overcome challenges, improve quality, and scale up; and policy and strategy development support, including research. This model enables our clients to spread practical knowledge and skills throughout their agencies.

In Afghanistan CAWST and our Water Expertise and Training (WET) Centre partner worked closely with the Ministry of Rural Rehabilitation and Development (MRRD), Ministry of Education, Ministry of Urban Development, and the National Environment Protection Agency to train their staff on household water treatment, sanitation, and drinking water quality testing. Since 2011, the WET Centre has trained over 1,400 people who work for central and provincial government at different levels and in different roles, from engineers to health officers to managers. CAWST and the WET Centre contributed to the development of the government's Rural Water, Sanitation and Hygiene (WASH) Implementation Manual, including Household Water Treatment and Safe Storage (HWTS) and biosand filters as viable options for providing safe water to rural populations. The MRRD used CAWST's Low Cost Sanitation Manual to select five types of latrines to be promoted among the population. The WET Centre is part of the panel for the standardization of water quality testing, and they have engaged with ministry staff on joint research and publications.

In Cambodia we have worked with the Ministry of Rural Development (MRD) to enhance their national trainers' capabilities. With our WET Centre partner, we have trained and supported government staff in WASH promotion and implementation at the national, provincial, district, and village levels. CAWST worked with the MRD to advise on national household water treatment strategies and to conduct research on arsenic mitigation.

In Lao PDR Nam Saat (Centre for Environmental Health and Water Supply) is part of the Ministry of Health, and is responsible for development of water supply and sanitation in rural areas. It became a WET Centre in 2012. CAWST has worked with Nam Saat since 2006, collaborating on training, learning exchanges, consulting support, project evaluations, and education program adaptation. As a result, over 600 national, provincial and district government officials have been trained and over 379,000 people have better water and sanitation. We have provided consulting services, accompanying officials from government and the WHO on field visits to assess the effectiveness of local level water safety planning and the incorporation of HWTS. CAWST has supported a government service provider to map which communities had previously received WASH investments so that they could analyze areas of need, helping them target their initiatives appropriately. We also supported government service providers to create their HWTS manual, and provided support on how to incorporate HWTS into their Water Safety Planning training.



In Ethiopia

CAWST and our WET Centre partner, housed at EKHC in Addis Ababa, jointly designed a WASH Awareness workshop to improve the ability of government Health Extension Workers (HEWs) to more effectively disseminate information to communities about local water issues, disease transmission, household water treatment, hygiene, latrines, and solid waste management. This will help the HEWs complement the implementation of HWTS or other safe water supply projects. HEWs who attended workshops said that afterwards they started using at least one new teaching method, such as demonstrations or pictures, in addition to their usual WASH lectures.

In Kenya

we worked with the Ministry of Health to revitalise the HWTS Technical Working Group, facilitating the development of their strategic plan and annual objectives. CAWST also acts as co-convenor to help ensure that the experiences of its many clients are represented at the national level and that the experiences of all stakeholders are taken into account as policies are developed and implemented.

In Nepal

our WET Centre partner offers technical support to government agencies on development of Information, Education, and Communication material and on specific topics such as arsenic mitigation. The national government's draft Total Sanitation Guidelines used images produced by CAWST and the WET Centre. More than 50 district-level government officials have participated in various trainings by the WET Centre.

In India

under the government's "Clean India Mission," the National Institute of Urban Affairs (NIUA) was appointed to build the capacity of government agencies and other sanitation service providers on decentralized sanitation. CAWST, invited by the Bill & Melinda Gates Foundation, supported NIUA in designing, establishing, and strengthening a sanitation capacity building platform to act as a hub for knowledge sharing, collaboration, and training among local organizations and government bodies.

In Nigeria

we developed a five-day workshop on Delivering Effective WASH Training (DEWT), which was provided to 100 participants in a WASH Trainer professionalization program by UNICEF and Partnership Initiatives in the Niger Delta (PIND). The program trained and mentored Master Trainers, including staff from the Federal Ministry of Water Resources (FMWR), the parastatal National Water Resources Institute (NWRI), State Rural Water Supply and Sanitation Agencies, and Local Government Authorities' WASH Departments. The DEWT workshop provided participants with the knowledge and skills to effectively facilitate and adapt lessons on WASH. In 2017, a further 40 participants completed this training, hosted by the NWRI and the FMWR. The NWRI will now take responsibility for the validation of their training.

SERVICES & EXPERIENCE



In Bolivia we helped local government agencies understand how to tailor their training to different audiences so they could be more focused and identify innovative ways of reaching people in the communities where they work. This type of support helps clients to connect and align their planned project activities, such as training, with their overall objectives to increase effectiveness and enable better monitoring and evaluation.

In Colombia we supported various government agencies to gain deeper understanding and build their skills on selecting appropriate Household Water Treatment and Safe Storage (HWTS) technologies for the country. In 2018, we facilitated the first Latin America Regional Workshop: “Advancing the Water Safety Agenda”, co-organized with the WHO/UNICEF HWTS Network, the Government of Colombia, the Pan American Health Organization (PAHO), and UNICEF.

In Haiti we were invited by the government service provider to be part of the review committee for the National HWTS Strategy. We, or our training partner, also attend monthly government agency meetings on both water and sanitation issues. CAWST also supported the national water and sanitation agency (DINEPA) to bring together implementers and government officials at learning exchanges and for training on HWTS.

In Honduras we provided Biosand Filter Project Implementation training for municipality officials, and Low Cost Sanitation training for the Honduran Social Investment Fund.

In Peru we used our expertise in Delivering Effective WASH Training (DEWT) to support government agencies as they worked to implement a WASH program with a strong education component.



ABOUT US

CAWST addresses the global need for safe drinking water, sanitation, and hygiene by building local knowledge and skills on household solutions people can implement themselves

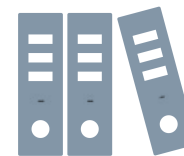
The challenge is two-fold: access to appropriate, affordable technologies and the human capacity to implement. CAWST does not implement or fund water, sanitation or hygiene (WASH) programs, but instead develops the capacity of the thousands of local organizations and governments who are best suited to meet their communities' needs for WASH services over the long term.

Through our network of 1,291 implementing clients in 84 countries, since 2001 we have reached 15.4 million people with better water or sanitation and 7.7 million people have been trained by our clients using CAWST materials.

Our team is ready to help you reach more people with better water and sanitation. Staff hail from 10 countries, speak 18 languages and have worked in 100 countries.



The Training and Consulting team helps clients develop the knowledge necessary to implement successful projects through training, consulting support, and troubleshooting.



The Education Program Development team creates engaging training materials, including technical manuals, workshop materials and awareness-building materials for households and communities. Materials are customized by region, available in multiple languages, and accessible to various literacy levels.



The Research Learning team mentors clients in action research, project evaluation, measuring and reporting organizational outcomes and impacts, data management and data analysis.



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