Memoria
Explicativa

WATERisLIFE
EIN: 26-4470550

WATERisLIFE es una organización sin fines de lucro 501(c)(3), fundada por Ken Surritte en Oklahoma, Estados Unidos, en marzo de 2009, buscando combatir la Crisis Mundial del Agua enfocándose en la llamada “Crisis Invisible del Agua” (término acuñado por el Banco Mundial), referida a cómo los problemas de Calidad del Agua disminuyen en un tercio el potencial de crecimiento económico en zonas altamente contaminadas y pone en peligro el bienestar humano y ambiental. Según el último reporte de la Organización Mundial de la Salud (OMS) del 2022, aún 2 billones de personas en el mundo usan una fuente de agua contaminada con heces, lo que muchas veces genera enfermedades como cólera, diarrea, disentería, hepatitis A, fiebre tifoidea, entre otras. [1]

La fundación busca alinearse con el Objetivo de Desarrollo Sustentable nº6 de la ONU: “Agua y Saneamiento”, especialmente con la meta 6.1: “de aquí a 2030, lograr el acceso universal y equitativo al agua potable a un precio asequible para todos” y el 6.3 “De aquí a 2030, mejorar la calidad del agua reduciendo la contaminación, eliminando el vertimiento y minimizando la emisión de productos químicos y materiales peligrosos, reduciendo a la mitad el porcentaje de aguas residuales sin tratar y aumentando considerablemente el reciclado y la reutilización sin riesgos a nivel mundial” **Lograr que todas las personas tengan acceso a agua potable, limpia y segura**, es lo que nos mueve y nos ha llevado a desarrollar múltiples proyectos en estos casi 15 años de trabajo. Durante este tiempo, hemos llevado soluciones de filtración de agua a más de 30 países, incluyendo Chile, Brasil, Kenia, Ghana, China, Puerto Rico, El Salvador, y Haití, entre muchos otros impactando a más de 1.5 millones de personas. WATERisLIFE trabaja con soluciones de filtración de primera línea y tecnología de punta, tanto bajo costo como *high-end*. Los fabricantes de estas soluciones son aliados activamente involucrados con la causa, con relación de muchos años, que otorgan condiciones especiales de precio, beneficios y soporte a la ONG, permitiendo un óptimo cumplimiento de su labor. Los sistemas de filtración que se distribuyen hoy en día son:

1. **CleanSip Straws**: esta bombilla de uso personal usa una combinación de tres micro-filtros, carbón activo y una combinación de metales patentados, lo que permite filtrar hasta 1,000 litros de agua: lo suficiente para abastecer de agua potable a una persona por 2 años. La efectividad de este sistema de filtración fue testeado por Envirotek Laboratories Inc.,en Nueva Jersey, demostrando que puede eliminar hasta el 99,9% de las bacterias.
2. **Nano Bucket Filter System:** Cada filtro utiliza tecnología de nanotubos con filtración de 0,1 micrones. Los paquetes de nanotubos están enlazados y sellados en un extremo del filtro. A medida que el agua pasa a través del tubo de un metro de largo, empuja el agua a través del filtro y los pequeños poros bloquean las bacterias y otros contaminantes. Los filtros logran limpiar aproximadamente 1 litro por minuto hasta 20 mil litros en total: lo suficiente para abastecer a una familia de agua potable durante 5 años.
3. **The Sunspring Hybrid:** Este sistema de ultrafiltración es de uso comunitario el cual, a través de energías solar y eólica, logra generar hasta 20 mil litros de agua microbiológicamente segura al día, durante 10 años. El costo de mantenimiento es casi nulo y puede ser operado por las mismas comunidades. Sunspring ha sido premiado y

[1] https://www.who.int/news-room/fact-sheets/detail/drinking-water

reconocido por su innovadora solución al problema del agua.

Gracias a la avanzada tecnología que utiliza la fundación, WATERisLIFE ha filtrado más de 6 billones de litros de agua. Hoy en día, cuenta con sedes y líderes locales en Chile, Brasil y Kenia. De Julio 2021 a Julio 2022, la organización junto con sus aliados del sector privado y público lograron terminar 16 proyectos en comunidades en Ghana, Chile, El Salvador, Brazil, Kenya, Madagascar, Puerto Rico y Haití, entre otros.

Junto con el diagnóstico, diseño e instalación de sistemas de filtrado, WATERisLIFE tiene un *approach* holístico a la hora de abordar el desafío del agua, lo que incluye activación de pozos o represas de agua, perforación y prospección para nuevas fuentes, activación de instalaciones WASH (*water*, *sanitation* & *hygiene*) como baños o duchas, limpieza de aguas de desagüe (*wastewater management*), planes de distribución, misiones de emergencia, donación de sistemas, *joint ventures* para proyectos de agua, dialogo con autoridades para política pública, etc.

Una de las labores principales en los proyectos de agua realizados es la tarea social y humana. El involucramiento con las comunidades, la presencia constante, el acompañamiento y el soporte en el tiempo son variables fundamentales para el éxito de las iniciativas de WATERisLIFE. Un sello que se mantiene hasta el día de hoy y que nos distingue de otras acciones sociales. Cada proyecto se ejecuta a través de 5 pasos. En primer lugar, la fundación se contacta con Organizaciones comunales que estén trabajando actualmente con el objetivo WASH, ya sea en proveer agua, sanitización o higiene. Luego de conocer más de su trabajo se firma un acuerdo entre las partes y se planifica un proyecto a través del cual se elige el sistema de filtración más adecuado para cada caso, intentando a la vez que esto implique un desarrollo económico para la comunidad. En tercer lugar, se levantan los fondos económicos para la realización del proyecto, siendo en esta etapa donde la ley de donaciones se vuelve sumamente importante.

Una vez recaudados los fondos, se implementa el proyecto, aplicando 4 pilares fundamentales: (i) Activación de suministros de agua y de proyectos WASH, (ii) Involucrar y educar a las comunidades, (iii) Desarrollo económico de las comunidades y (iv) Entrenamiento de las comunidades para que lideren el proyecto. Finalmente, mensualmente WATERisLIFE monitorea y hace seguimiento de los KPI asociados a la iniciativa. Para esto, se trabaja en conjunto no solo con las comunidades, sino con todos sus *stakeholders* clave, incluyendo Gobiernos Nacionales y Locales, Alcaldías, Entidades Multinacionales, Empresas, Gremios, Donantes, otras ONGs y Líderes Vecinales.

Desde 2022, María José Terré, chilena, es la nueva Directora Ejecutiva de WATERisLIFE internacional. Periodista, escritora y humanitaria, ha dedicado su vida a causas sociales, y toma el cargo tras 4 años en la ONG, con la misión de hacer crecer y llevar a la ONG a nuevos niveles, que permitan un mayor impacto y sustentabilidad en el tiempo. Dentro de la estrategia para hacer crecer la fundación se encuentran los siguientes objetivos:

1. **Más de 10 alianzas con el mundo privado y público:** WATERisLIFE busca involucrar a diversos actores en su trabajo. Actualmente, contamos con *partners* estratégicos diversos que nos apoyan en esta labor: Betterfly (Chile), Urban Hydration (USA), Innovative Water Technologies (USA), The Nash Family Foundation (USA), CleanSip (Canadá), entre otros, los que colaboran no solo con recursos financieros, si no que también con productos, logística, planificación de actividades, y más.
2. **1 billón de beneficiarios para 2027:** Actualmente, la fundación tiene el objetivo de abastecer con agua limpia y segura a 1 billón de personas para el 2027, para lo que serán necesarias las donaciones de empresas y alianzas firmes que permitan cumplir la misión.
3. **Impactar a más de 100 comunidades a través de proyectos sostenibles en América**

Latina y África: Nuestro foco está en el trabajo comunal y el empoderamiento de estas para ser los propios agentes de cambio de su realidad.

Gracias a nuestros sistema de filtración único, patentado y de bajo costo y más de 15 años de experiencia, creemos que es posible ampliar nuestro trabajo hacia nuevos países, incluyendo Chile donde acabamos de abrir personalidad jurídica con el fin de facilitar nuestro trabajo en el territorio. En nuestro país, según las cifras de la fundación Un Techo para Chile, 93% de los campamentos no tienen acceso a agua potable de manera permanente. Al igual que en diciembre del 2022, WATERisLIFE espera ejecutar regularmente proyectos de distribución de filtros en el país, principalmente en la región de Antofagasta, la Araucanía y Valparaíso, regiones que hoy en día sufren de la crisis hídrica.

La ley de donaciones permitirá involucrar a más empresas en nuestra causa, muchas de las cuales ya están en conversaciones con nuestra fundación, esperando poder aportar lo más pronto posible. Junto con nuestra memoria explicativa, hacemos entrega del último reporte de impacto 2021-2022 en inglés. Dado a la urgencia de aprobar la ley de donaciones no contamos con el tiempo suficiente para traducir dicho documento.

WATERisLIFE

IMPACT REPORT

JUNE 2021 - JULY 2022

A year of safer water to improve lives.

A letter from our founder

In 2007, I embarked on my first trip to Africa, to the Northern Kenya and South Sudan regions. My group traveled on dusty roads, where children begged for water holding up empty bottles. We stopped to give them some, and as they ran back home, they cradled it like it was gold. I began to understand the gravity of the water crisis.

When we arrived, we sat around the fire listening to villagers tell stories of life in Africa. I expected more stories of hardship and struggles, but they were about family, faith and hope.

Those beautiful stories were met with a harsh reality: children begging for life's most important element, babies dying from waterborne disease, and a whole village burning up trees just to make a bit of charcoal to sell and to survive...

... I returned to Nairobi with a heavy heart and mind. I was looking forward to my first shower in weeks. My eyes fixated on the water spiraling the drain and it hit me... it was my "A-ha! moment". WATER is LIFE here, the people I just spent weeks with would do anything for this water going down the drain! My life was changed, I knew I had to do something. If not me, who? If not now, when?

Ken Surritte
Founder, WATERisLIFE

WATERisLIFE

Key Figures

+30
countries

+15
years

+1.5M
people

+6B
liters of safe drinking water

WATERisLIFE

WATERisLIFE

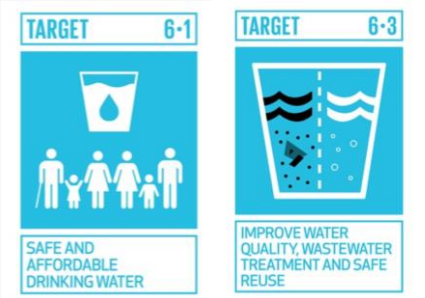
6 CLEAN WATER AND SANITATION

Our strategic framework is 100% aligned with the UN Sustainable Development Goals for 2030

OUR DREAM: TO SOLVE THE WORLD´S INVISIBLE WATER CRISIS

Better **WASH** initiatives	**Innovative** solutions for Water Access & Quality	Active **community involvement**	Strong focus on **Informal Settlements** & **Slums**

OUR FRAMEWORK: UN SUSTAINABLE DEVELOPMENT GOALS 2030 (SDG 6.1 & SDG 6.3)

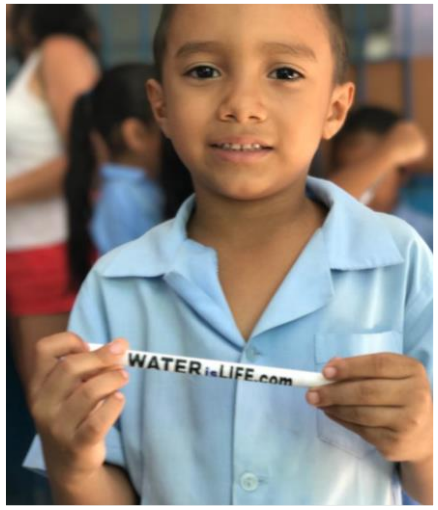


OUR GOALS: WATERisLIFE 2022-2025

IMPACT **1+ MM PEOPLE** WITH CLEAN-WATER TECHNOLOGY AND IMPROVED WASH INITIATIVES IN **AFRICA AND THE AMERICAS**	CREATE/EMPOWER **100+ COMMUNITY-LED SUSTAINABLE** PROJECTS IN **AFRICA AND THE AMERICAS**	DEVELOP **10+ LONG-TERM SHARED-VALUE PARTNERSHIPS** WITH BIG IMPACT PLAYERS CHANGING THE WORLD
ACTION PLAN	**ACTION PLAN**	**ACTION PLAN**

OUR TOOLS:

PATENTED, CUTTING-EDGE, COST-EFFECTIVE AND UNIQUE FILTRATION TECHNOLOGIES	15+ YEARS EXPERTISE ON WASH INITIATIVES ALL OVER THE WORLD	GROWING PERMANENT OPERATIONS IN AFRICA AND THE AMERICAS	STRONG PUBLIC-PRIVATE RELATIONSHIPS AT LOCAL AND NATIONAL LEVELS	FULL-TIME SENIOR TEAM TO PLAN AND IMPLEMENT PROJECTS



WATERisLIFE

Our goal, our dream

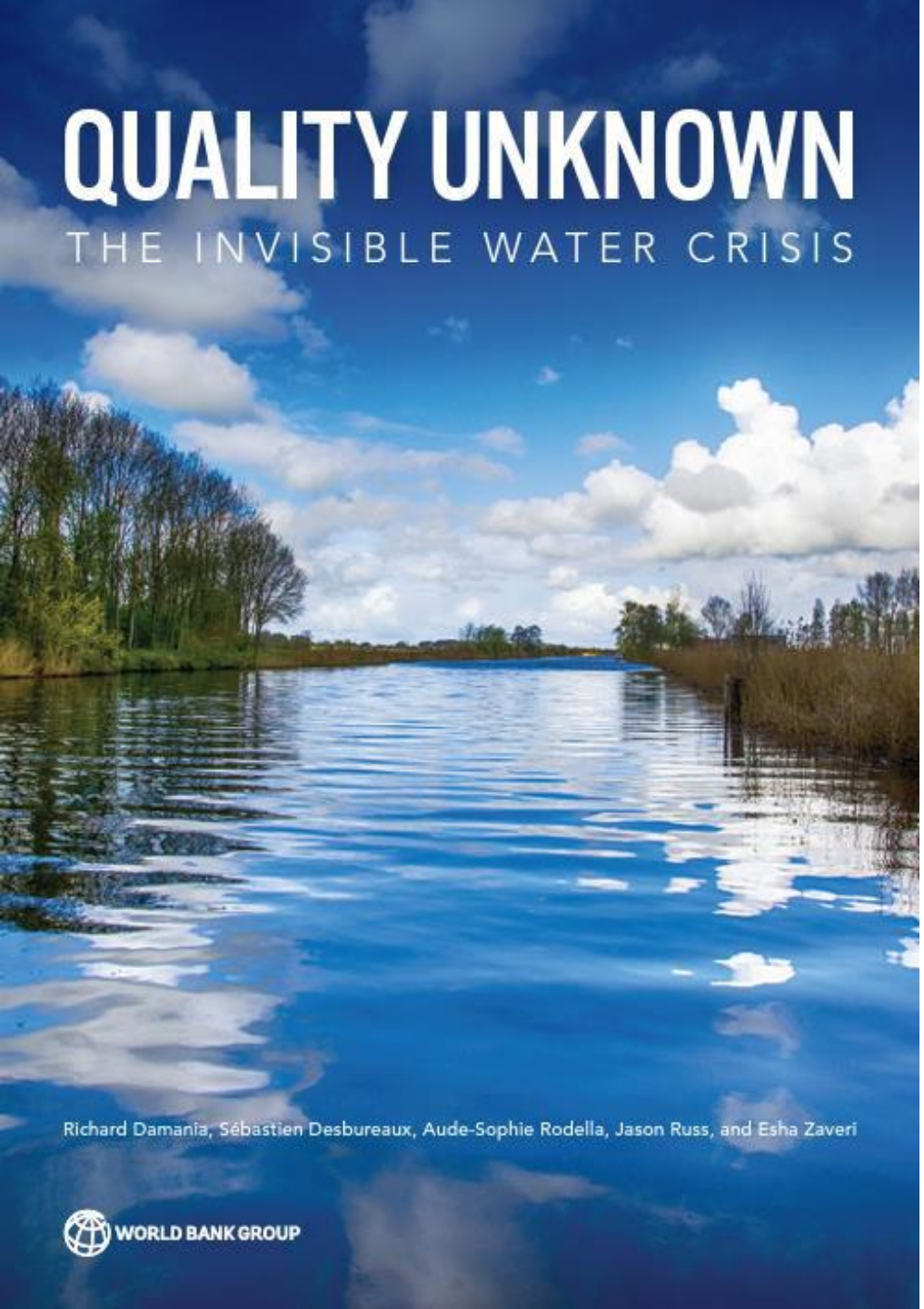
Solve the world water crisis through **better WASH** (water, sanitation and hygiene) initiatives, focusing on the **invisible water-quality problems** by **leveraging innovative solutions, projects and partnerships**, actively involving the communities where we work.

WASH

Invisible crisis

Leveraging innovation

These three concepts give life to **W**ATER **is** **L**IFE (WIL)



WATERisLIFE

Quality, the invisible water crisis: **what lies under the surface**

Water quantity grabs public attention and the media spotlight. Water quality -being predominantly invisible and hard to detect-goes largely unnoticed. Quality Unknown: **The Invisible Water Crisis** shows how poor water quality stalls economic progress, stymies human potential, and reduces food production.
The report calls for a paradigm shift that emphasizes safer and often more cost-effective remedies, combining smarter policies with newer technologies.

Quality, the invisible water crisis: **what lies under the surface**

PRESS RELEASE | AUGUST 20, 2019

Worsening Water Quality Reducing Economic Growth by a Third in Some Countries: World Bank

WASHINGTON, August 20, 2019 – The world faces an invisible crisis of water quality that is eliminating one-third of potential economic growth in heavily polluted areas and threatening human and environmental well-being, according to a World Bank report released today.

Quality Unknown: The Invisible Water Crisis shows, with new data and methods, how a combination of bacteria, sewage, chemicals, and plastics can suck oxygen from water supplies and transform water into poison for people and ecosystems. To shed light on the issue, the World Bank assembled the world's largest database on water quality gathered from monitoring stations, remote sensing technology, and machine learning.

The report finds that a lack of clean water limits economic growth by one-third. It calls for immediate global, national, and local-level attention to these dangers which face both developed and developing countries.

"Clean water is a key factor for economic growth. Deteriorating water quality is stalling economic growth, worsening health conditions, reducing food production, and exacerbating poverty in many countries." said **World Bank Group President David Malpass**. "Their governments must take urgent actions to help tackle water pollution so that countries can grow faster in equitable and environmentally sustainable ways."

When Biological Oxygen Demand – a measure of how much organic pollution is in water and a proxy measure of overall water quality – crosses a certain threshold, GDP growth in downstream regions drops by as much as a third because of impacts on health, agriculture, and ecosystems.

A key contributor to poor water quality is nitrogen, which, applied as fertilizer in agriculture, eventually enters rivers, lakes and oceans where it transforms into nitrates. Early exposure of children to nitrates affects their growth and brain development, impacting their health and adult earning potential. The run-off and release into water from every additional kilogram of nitrogen fertilizer per hectare can increase the level of childhood stunting by as much as 19 percent and reduce future adult earnings by as much as 2 percent, compared to those who are not exposed.

WATERisLIFE

Global
Management

The Global Team of Cote and Renato lead the organization and the volunteers all over the world. They're based in Nairobi, Kenya, and traveling throughout the year to the US, Chile and the rest of the continent.

Strategically, WATERisLIFE decided in 2020 to allocate and distribute its resources into **Africa** and **The Americas** as the impact area for the next 5 years (2020-2025) with a longer and more sustainable presence in each country, allowing a bigger impact with a better and more efficient project implementation.

Coté
BOARD MEMBER
Executive Director.
Base: Africa / Latin America

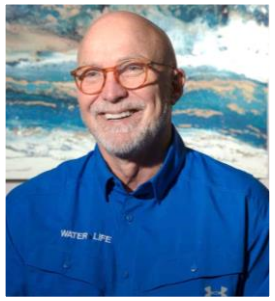
Renato
BOARD MEMBER
Global Development & Strategy Director.
Base: Africa

Our new

GLOBAL BOARD

Formed in 2022, one of the biggest milestones for WATERisLIFE moving forward.

WATERisLIFE

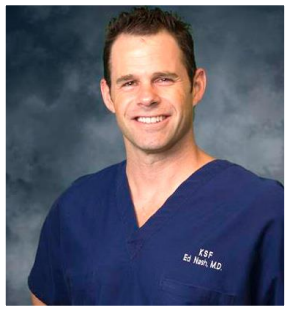


Ken Surritte
CHAIRMAN
WATERisLIFE founder
UN ambassador
TED speaker
USA

Cote Terre
BOARD MEMBER
Journalist, Author, TV & Social Media personality.
WiL Executive Director.
KENYA - CHILE

Renato Munoz
BOARD MEMBER
Business consultant.
Entrepreneur. WiL Global Development Director.
KENYA - CHILE

Fatima Nash
BOARD MEMBER
Humanitarian, Community Leader, Philanthropist
USA - EL SALVADOR



Dr. Edward Nash
BOARD MEMBER
MD, Progressive Pain & Rehabilitation Specialist, Philanthropist
USA

Guppy Bhurji
BOARD MEMBER
Businesswoman, Conservationist, Entrepreneur
KENYA - UK

Oliver Soto
BOARD MEMBER
Fortune 500 Company Top Executive, Humanitarian, Business Expert
KENYA - MEXICO

Joel Comm
BOARD MEMBER
Speaker, Author, Influencer, Entrepreneur, Consultant, Digital Specialist
PUERTO RICO

WATERisLIFE

Our

Regional Leaders

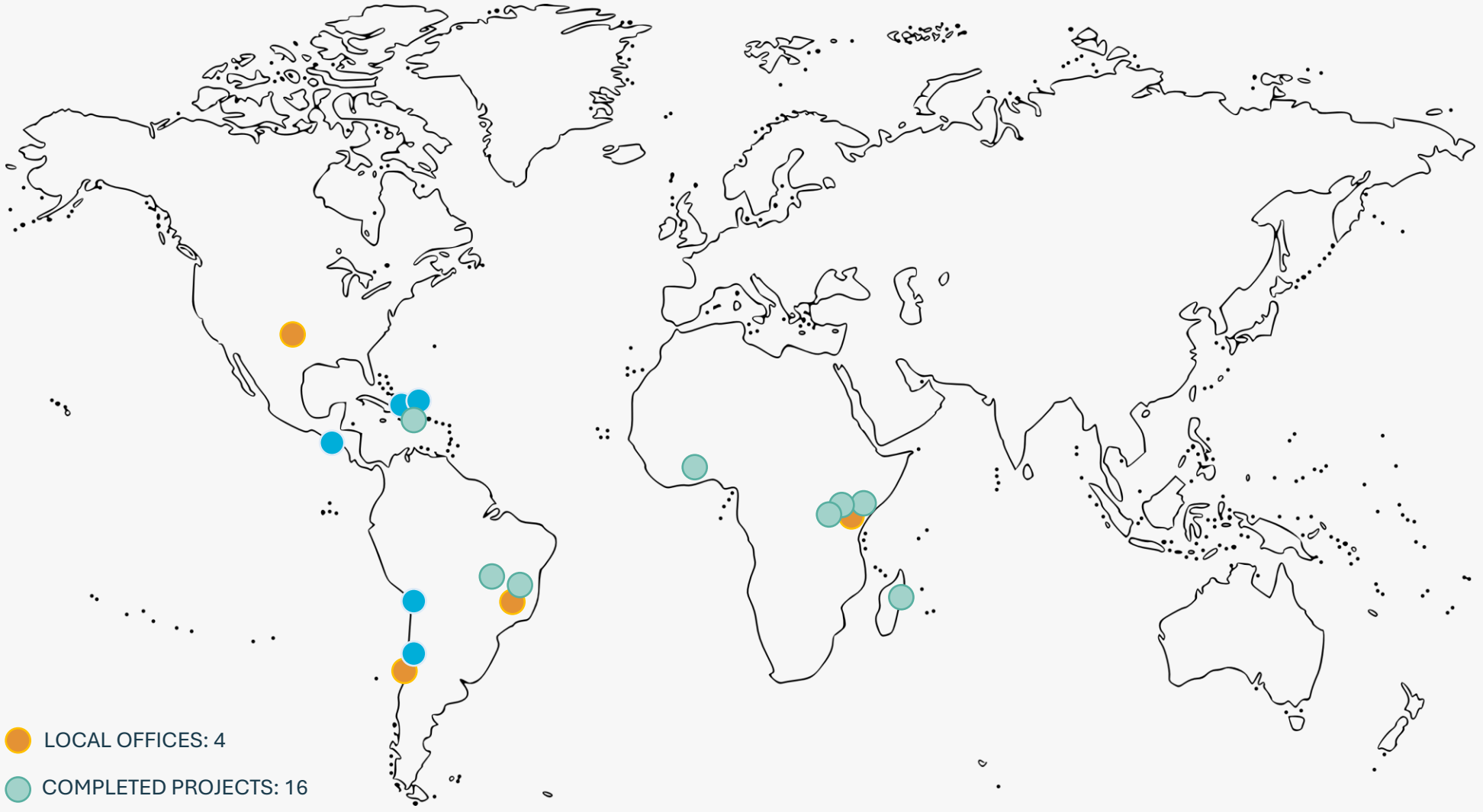
& volunteer supporters

We wouldn't be able to complete all that we do without the amazing work of our amazing leaders on the ground.

Baruc Vendito
REGIONAL DIRECTOR, BRAZIL & SOUTH AMERICA Long-time leader in WATERisLIFE, seasoned project manager, humanitarian and entrepreneur.
BRAZIL

Pablo Pozarski
CHILE DIRECTOR
Digital Specialist, Experienced volunteer and humanitarian. Manager in one of Chile's top companies.
CHILE

Connie Soweto
PROJECT LEADER
Youth and Community leader in the Soweto slum. one of the first project leaders in Kenya for WATERisLIFE.
KENYA



With offices in the US, Brazil, Kenya and Chile, WATERisLIFE has focused its efforts and resources in Africa and Latin America, projecting an impact of close to 100,000 people by the end of 2022

Ghana, Kenya, Brazil, Chile, Peru, Haiti, Madagascar, Puerto Rico, El Salvador are either completed or in planning phases.

A large portion of these projects were implemented in collaboration with our key partners. Betterfly and TECHO from Chile, Urban Hydration from the US, Pure Blue from Norway, Machakos Government from Kenya and many others.

June 2021 – July 2022

WATERisLIFE

COUNTRY	REGION/CITY	COMMUNITY	SOLUTION	PEOPLE	LITERS	DURATION
Brazil	São Paulo	Santos Maior	Straw filters: 200	200	200,000	5 years
Brazil	Santa Cataria	Comunidade indígena	Straw filters: 100	100	100,000	2 years
Brazil	Bahia	Canudos Comunidade Vila Esperança	Straw filters: 100	100	100,000	2 years
Brazil	Pernambuco	Serra do Inácio	Straw filters: 100 - Bucket filters: 10	140	300,000	5 years
Brazil	Pernambuco	Ibimirim & Manari Sertão do Moxoto	Bucket filters: 1000	4,000	20,000,000	5 years
Brazil	Pernambuco	Poço da Cruz, Município de Ibimirim-PE	WATERGEN GEN-M	400	1,825,000	10 years
Kenya	Machakos	Katangi Ward	SUNSPRING UF System	10,000	73,000,000	10 years
Kenya	Machakos	Katangi Ward	Straw filters: 600	600	600,000	2 years
Kenya	Nairobi	Soweto Slum in Kahawa West	Equipped borehole & pipes	10,000	100,000,000+	10+ years
Kenya	Diani	Ukunda	Straw filters: 200	200	200,000	2 years
Kenya	Nairobi	Peponi School & Teresa Abumohor	Straw filters: 500	500	500,000	2 years
Kenya	Nairobi	Kahawa West School	Straw filters: 500	500	500,000	2 years
Ghana	Tamale	Tamale Community	2 equipped boreholes	10,000	100,000,000+	10+ years
Madagascar	Sul da Ilha	Ambovombe	Straw filters: 1000 - Bucket filters: 30	1,120	1,600,000	5 years
Puerto Rico	Yauco	Lena M. Francheschi School & community	SUNSPRING UF system	1,500	73,000,000	10 years
Haiti*	Port-au-Prince	Croix-des-Bouquets	Bucket filters: 100	400	2,000,000	5 years
Brazil	Amazonia	Belém Famílias Ribeirinhas	Straw filters: 150 - Bucket filters: 25	250	650,000	5 years
Chile**	Viña del Mar	Campamentos sector Reñaca Alto	Straw filters: 50 - Bucket filters: 150	650	3,050,000	5 years
Puerto Rico	TBD	San Germán (Non-PRASA)	2 SUNSPRING UF Systems	10,000	100,000,000+	10 years
El Salvador***	TBD	TBD	TBD	TBD	TBD	TBD
TOTAL since partnership started				**50,160**	**477,625,000**	

* Partnership with TECHO, LECHE PARA HAITI and PURE BLUE OF NORWAY
** Partnership with MUNICIPALIDAD VIÑA and TECHO
*** Partnership with the Office of the First Lady of El Salvador
**** Partnership with EPIROC

For boreholes, we consider an average of 20,000 liters per day and a duration of 20 years.
For every family receiving a Bucket Filter, we're assuming a total of 4 people on average.

WATERisLIFE

SUNSPRING FILTRATION. Puerto Rico. 2021.

2 EQUIPPED BOREHOLES. Ghana. 2021.

EQUIPPED BOREHOLE. Kenya. 2021 - 2022.

SUNSPRING FILTRATION. Kenya. 2022.

WATERGEN AWG INSTALLATION. Brazil. 2022.

We develop our projects focusing on women and children. **In the case women, not just as beneficiaries, but empowering them as project and community leaders.**

Women are usually the ones in charge of water, fetching, boiling and managing. Our vision, is to always have women leading our projects once implemented.

WATERisLIFE

Green-energy cost-effective cutting-Edge filtration technology, designed for remote locations and community use. Deployed all over the world.

On-the-ground approach to our projects. Permanent visits and monitoring. Deep community relations.

IN WITNESS WHEREOF, the parties intending to be bound have caused this Agreement to be executed by their duly authorized representatives.

WATERisLIFE

Signature:

Name: RENATO MUNOZ OSSES

Title: Development Director

Date: 13/1/2022

Government of Machakos County

Signature:

Name: Eng. Alwang' Mbai, Ibo

Title: CEC Water

Date: 13/1/2022

Witnessed by:-

Signature:

Name: JACKSON MUSYOKA

Title: CO WATER

Date: 13/1/2022

Big official partnerships and agreements make WATERisLIFE a solid organization

Constant media presence to create awareness of the water crisis and the issues with quality and filtration.

Year-round educational missions are what makes us, us. We travel with our straws and buckets to provide relief and teach communities about safe drinking water.

WATERisLIFE

Our **key partners during the year**

urban Hydration
SOCIALLY RESPONSIBLE FRUIT & PLANT-BASED CARE

betterfly

Epiroc

TECHO

Leche para Haití

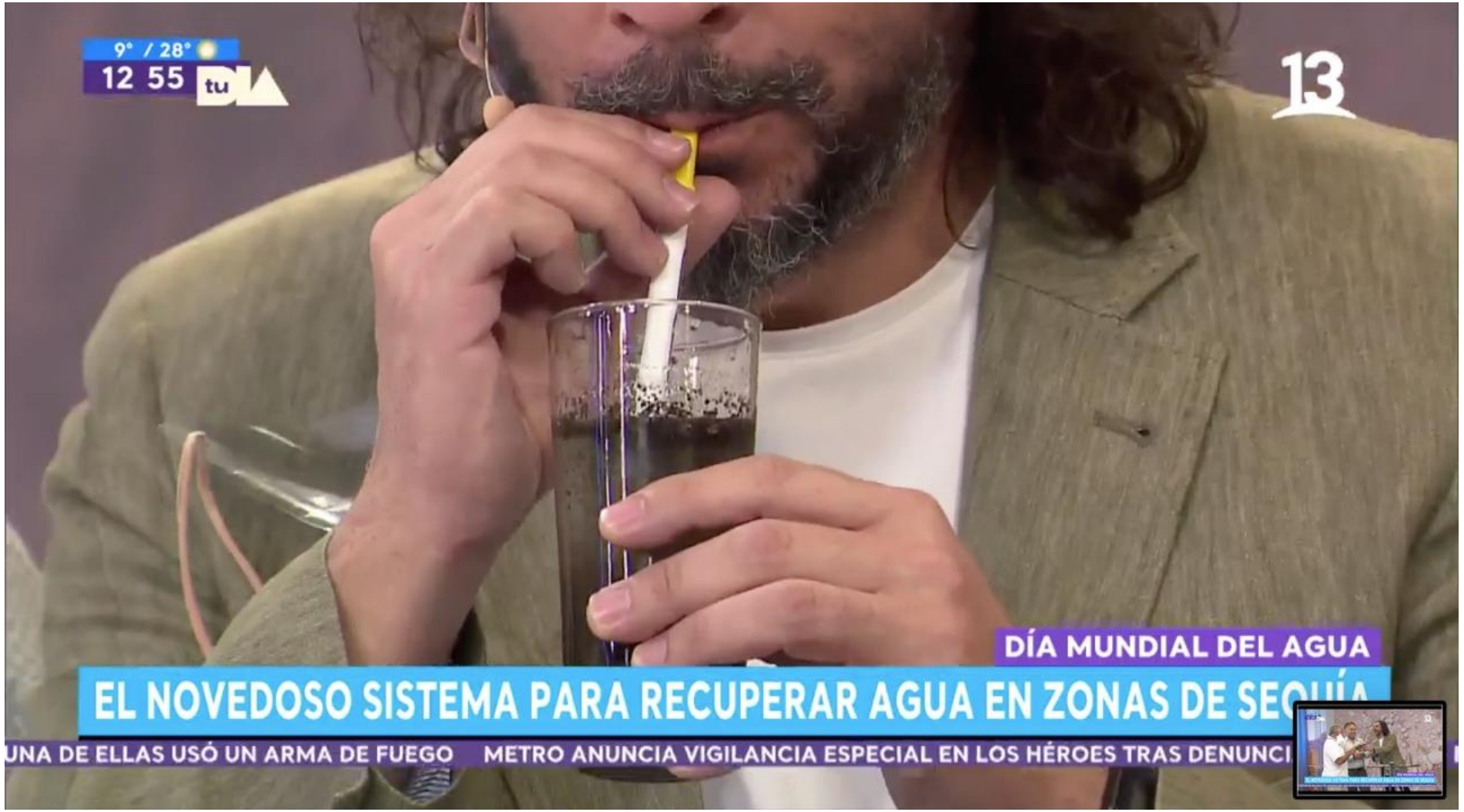
Innovative Water Technologies™
rethinking water

Machakos County
The place to be

lotto 6/49

Viña del Mar
Municipio de Cuidados

PURE BLUE NORWEGIAN MOUNTAIN WATER



Our magic Straw **CleanSip** was featured on one of the biggest TV shows in Chile, including a successful live demo.

Other appearances include Kenyan TV and print media, as well as high-engagement Social Media content.

WATERisLIFE

FORM 5 (r.11)

REPUBLIC OF KENYA

OP.218/051/22-039/12587

OFFICE OF THE PRESIDENT

MINISTRY OF INTERIOR AND CO-ORDINATION OF NATIONAL GOVERNMENT

CERTIFICATE OF REGISTRATION

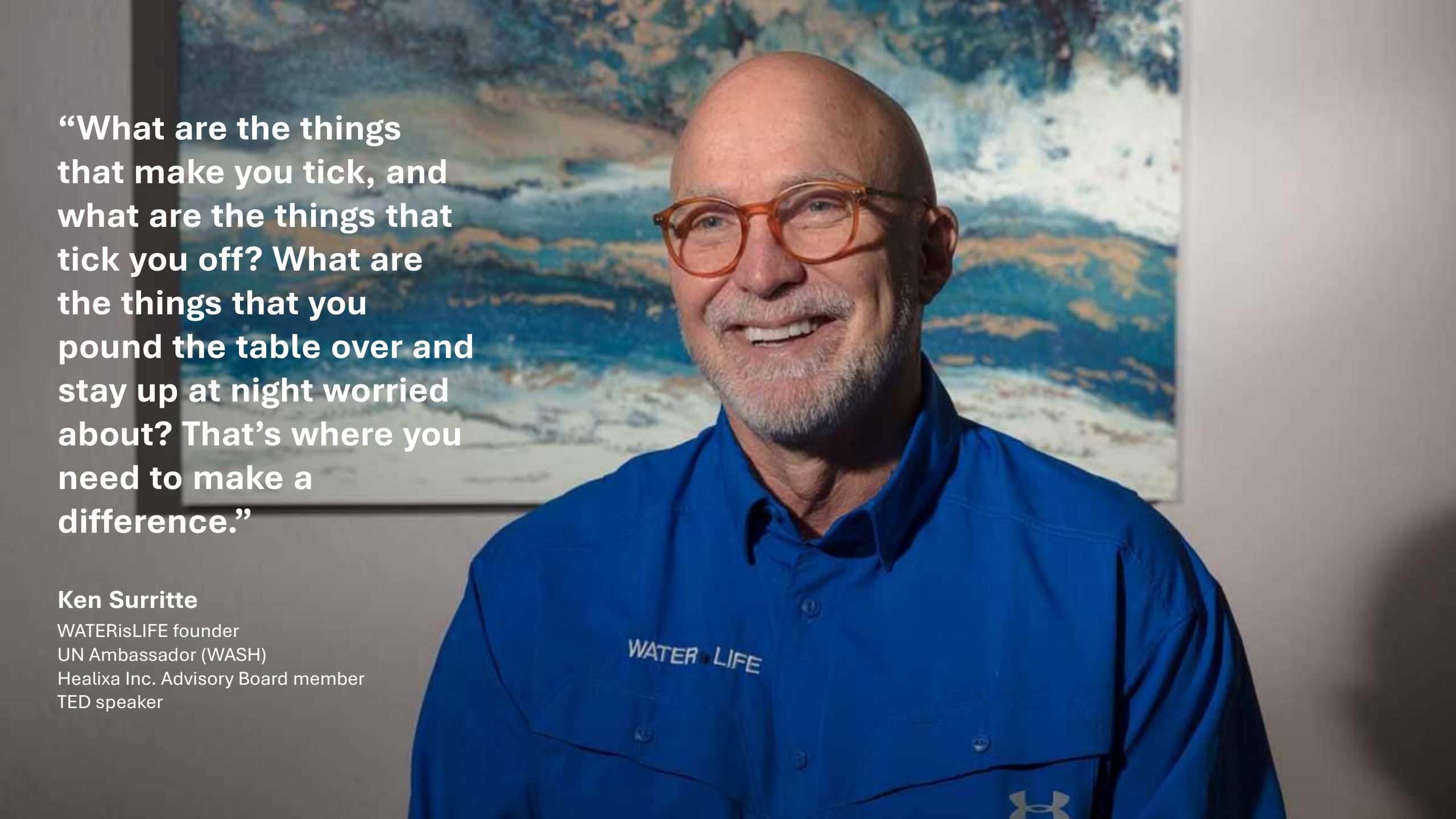
I, MUTUMA NKANATA, Executive Director of the Non-Governmental Organizations Board, certify that xxx SAFE WATER INITIATIVE FOR KENYA xxx has this day been registered under section 10 of the Non-Governmental Organizations Co-ordination Act as applied for.

Dated 8TH JULY, 2022

MUTUMA NKANATA, MBS
Executive Director of the Board

Other June 2021 - July 2022 milestones

- Finalized registration in Kenya. Now, WiL has legal presence in the US, Brazil y Kenya.
- WiL was selected as a finalist in the **Analyst Fund by GOLDMAN SACHS** in the U.S. and in the **Ecoimpacta innovation challenge by CCU & CORFO** in Chile (both processes ongoing).
- First Annual Fundraising Gala will be held in October 2022. Preparations continue, as we secure big sponsors.
- WiL was selected as **one of the TOP 10 nonprofits fighting the global water crisis**, by Donorbox, reaching #9.
- WiL added new volunteer lead in Chile, for South America projects, to work with Brazil as well.



“What are the things that make you tick, and what are the things that tick you off? What are the things that you pound the table over and stay up at night worried about? That’s where you need to make a difference.”

Ken Surritte

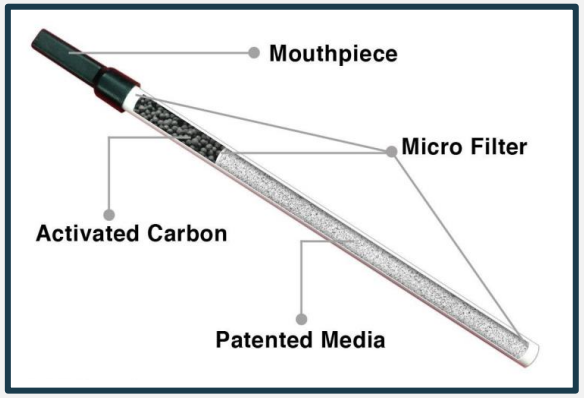
WATERisLIFE founder
UN Ambassador (WASH)
Healixa Inc. Advisory Board member
TED speaker

WATERisLIFE

ANNEX: OUR TECHNOLOGY

Our technology

Increasing price point



Magic Straw:
Up to 1,000 L total
Lasts up to 2 years
Personal use.

Bucket Filter:
20,000+ L total
Lasts up to 5 to 7 years
Family use.

Black Box:
30,000+ L per day
0.1 micron filter
Lasts up to 7 to 10 years
Community use.

WallSpring:
40,000 L per day
0.02 micron filter
Lasts up to 10 years
Community use.

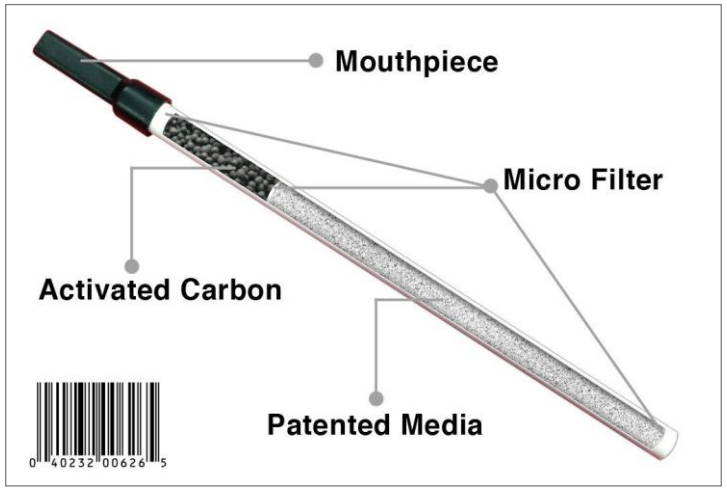
SunSpring:
20,000 L per day
0.02 micron filter
100% green energy
Electric pump included
Lasts up to 10 years.
Community use.

WATERisLIFE

The magic Straws: **CleanSip**

Personal filtration device, that uses a combination of three microfilters, activated charcoal and patented high-purity metal alloy. It produces up to 1,000 liters.

If a kid drinks 1,4 liters a day, the Magic Straw could last 2 years.



WATERisLIFE

WATERisLIFE

ENVIROTEK LABORATORIES, INC.

33 Third Street, Bordentown, New Jersey 08505
PHONE 856-478-0010 www.enviroteklab.com
EPA ID # NJ01298 NJ DEP ID # 03048

STRAWS FILTER TEST REPORT

Report # 15-309 Clean Sip™ Straws
Report Date: 12/08/2015
Customer Name: Global Star Products

Test Parameter	Spiked Solution	After Filtration	% Removal
Inorganic Parameters			
Cadmium	0.245 mg/L	0.075 mg/L	69.4%
Mercury	0.364 mg/L	<0.0005 mg/L	>99.9%
Selenium	0.229 mg/L	0.024 mg/L	89.5%
Copper	1.30 mg/L	0.20 mg/L	84.6%
Lead	0.200 mg/L	0.003 mg/L	98.5%
Free Chlorine	2.1 mg/L	0.1 mg/L	95.2%
Chloride	250 mg/L	10.5 mg/L	95.8%
Fluoride	8.1 mg/L	0.15 mg/L	84.0%
Micro-organisms			
E. Coli	2.0×10^4 CFU/mL	2.1×10^3 CFU/mL	89.5%
Klebsiella pneumoniae	10^8 CFU/L	10 CFU/L	99.99999%
Amoeba	10^8 CFU/L	10 CFU/L	99.99999%
Rotavirus	10^7 CFU/L	10 CFU/L	99.999%
Giardia lamblia	10^7 CFU/L	10 CFU/L	99.999%

Antimicrobial Efficacy: Clean Sip™ Straws were tested following the laboratory conditions stated by the EPA 1987 protocol microbiological water purifier testing; the results show that Clean Sip™ Straws meet and exceed the EPA requirements of LOG 6 reduction for bacteria and LOG 3 reduction for protozoan parasites.

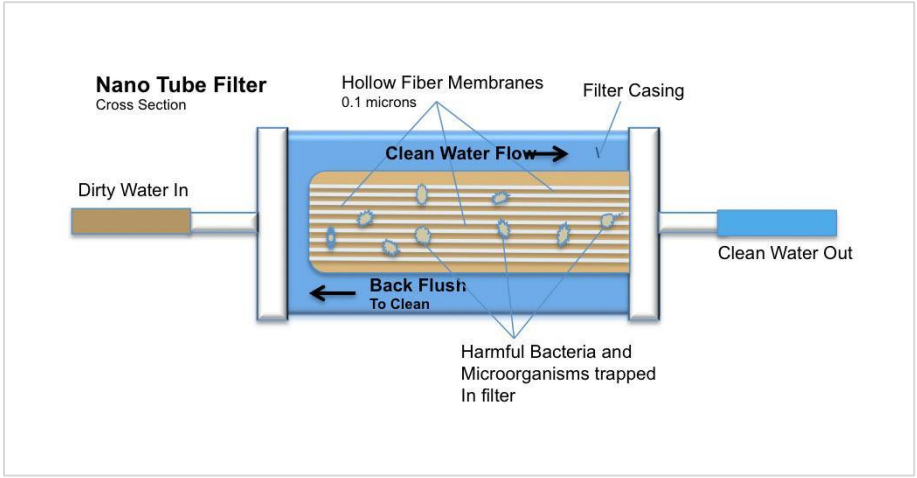
Jaime A. Young
Jaime A. Young
Lab Director

The **Nano Bucket** filter system

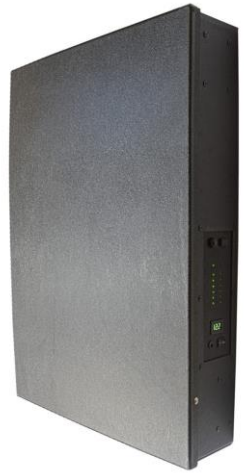
A family solution for safe drinking water. Each Nano Bucket System provides a family a nearly unlimited supply of bacteriologically safe water. **Each filter uses Nano tube technology with filtration to 0.1 micron.**

Bundles of Nano tubes are looped and sealed at one end of the filter. As water passes through the meter-long tube, it pushes the water through the filter and tiny pores block bacteria and other contaminates.

The flow rate is approximately 1 liter per minute. Back-flushing the filter with clean water after each use ensures the family years of use.



WATERisLIFE



BLACK BOX

CONTROL PANEL

SOLAR PANEL

The **Black Box** filtration system

Effective and easy to use, it's a practical solution for cleaning water in demanding circumstances. This cost-effective unit utilizes two 0.1 micron hollow-fiber membrane filters, which remove bacteria, protozoa, and cysts to 99.99999% (7 Log) and 99.1% (2 Log) of viruses.

It operates whenever water is running through its filters, 24/7. A 12V battery powers the backflush system, charging with solar panel or 1 Amp wall charger.

Key Features:

- Exceeds EPA standards
- Made for off-grid battery operation
- Processes 30,000+ L per day
- Includes automated filter maintenance
- Provides a 7 to 10-year lifespan (pending source water turbidity)

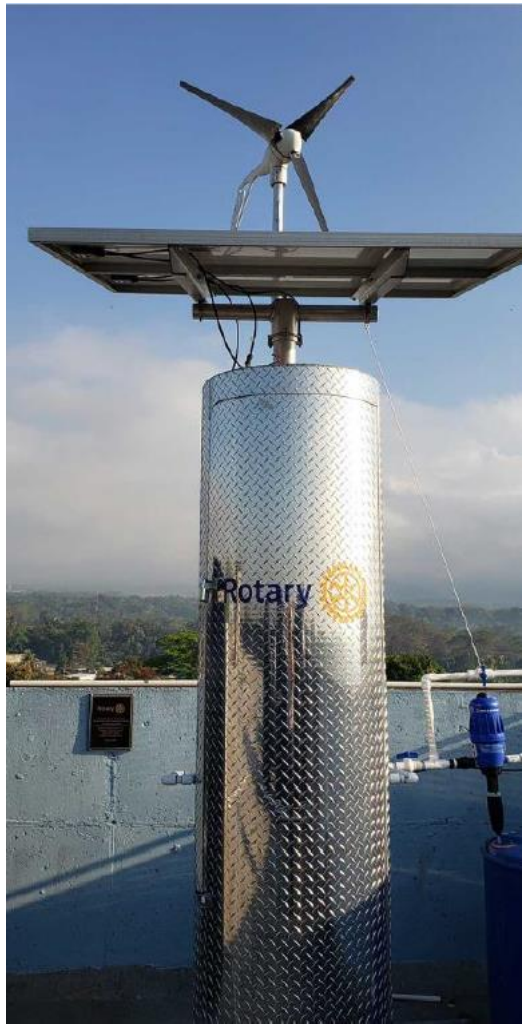
WATERisLIFE

WATERisLIFE

The SunSpring **Hybrid**

Ultra filtration system, 100% green energy, cost-effective and off-grid. Solar and wind powered. Up to 20,000 liters per day of microbiologically safe drinking water for 10 years. Close to none maintenance costs, operated by communities. Filtration efficiency >92 per cent. It has a .02 micron membrane.

This equals about $.00027 per liter of microbiologically safe drinking water.



SUNSPRING™
innovativeh2o.com

Channel Partner
Water & Process Technologies

healthymagination
Healthymagination Validated

CLICK IMAGE FOR VIDEO

WATERisLIFE

Water Quality Association
Gold Seal Certificate

Innovative Water Technologies, Inc.

IWT Headquarters
29625 Industrial Park Rd
Rocky Ford,CO 81067

Facility:SunSpring Manufacturing Facility

Certification Date: January 25, 2013

Authorized By: Thomas F. Farrell, Director of Product Certification

Water Quality Association
4151 Naperville Road
Lisle, IL 60532, USA

This Certificate, or any part thereof, may not be used in a misleading manner and validation of its use is contingent upon the Official WQA web-listing.

Revision: 01/07/2013 FORM: 12046

US EPA Standard For Microbiological Water Purifiers (04/01/1987) is within WQA's ANSI and SCC approved scope of accreditation Drinking Water Treatment Units Scheme

: Sunspring ss24	: Sunspring ss24DPR	: Sunspring ss24MS
: Sunspring ss24RWH	: Sunspring ss36	

Notice: *To request any changes to the certified model(s), please request a Change to Certified Product (CCP) form. Examples include any change to the wetted parts or formulations such as supplier or material types, literature, or a change in company name. This list is not all inclusive. Failure to submit documentation regarding changes may result in non-compliance with the standard(s) as well as de-listing of the affected models.*

The SunSpring **Family of products**

WATERisLIFE also works with the whole range of filtration products from the SunSpring family. **The SunSpring Mini** is also solar powered and produces 4,000 liters of safe water per day. **The Wallspring** is a wall-mount plug-and-play system that can be connected to the grid and can produce almost 40,000 liters per day.

WATERisLIFE

	SunSpring Mini	SunSpring Hybrid TM	WallSpring
Self-contained	X	X	
GE Healthymagination validated		X	
All wetted part NSF 61 compliant	X	X	X
UF Membrane, .02 micron	X	X	X
Pre filtration	X	X	X
Post filtration	X	X	
Alternative energy	X	X	
Physical Bacteriological Barrier	X	X	X
USA Public Water System Accepted		X	X
Auto Backwash	manual	X	X
No consumables		X	X
Gallons per day Max	1,000	*5000 - 10,000	10,000
Liters per day Max	3785	37,850	37,850
Gallons per minute Max	0.7 - 0.8	*4.5 - 9.5	9.5
Liters per minute Max	2.6 - 3.0	*17 - 34	36
No building needed	X	X	
Emergency Response	X	X	X
Disaster Preparedness	X	X	X
Short term solution	X	X	X
Mid-term solution		X	X
Long term solution		X	X
International Shipping Crate	X	X	X
Quick set up	X	X	X

WATERisLIFE

A success story for informal human settlements:

WATERisLIFE at the Soweto slum in Kenya

WATERisLIFE

Soweto slum at Kahawa West is one of the largest in Nairobi, with almost 10,000 people living in difficult conditions, with no proper housing, limited access to food and no access to safe water for drinking.

Also, the community only got water 3 days a the week before the project, which had a very negative impact on their lives.

There was a borehole drilled in the community, done years ago, but it was destroyed and not operational, not maintained and the community wasn't involved in recuperating it. We saw an opportunity...

WATERisLIFE

We designed a Project to revive the borehole, improve its pumping, piping and filtration technology and bring the community in as part of its development, with an active role in construction.

We met with local government and with the Elders as well, and after a very thorough due dilligence process, we began..

WATERisLIFE

Top of the line technology and local employement were the key.

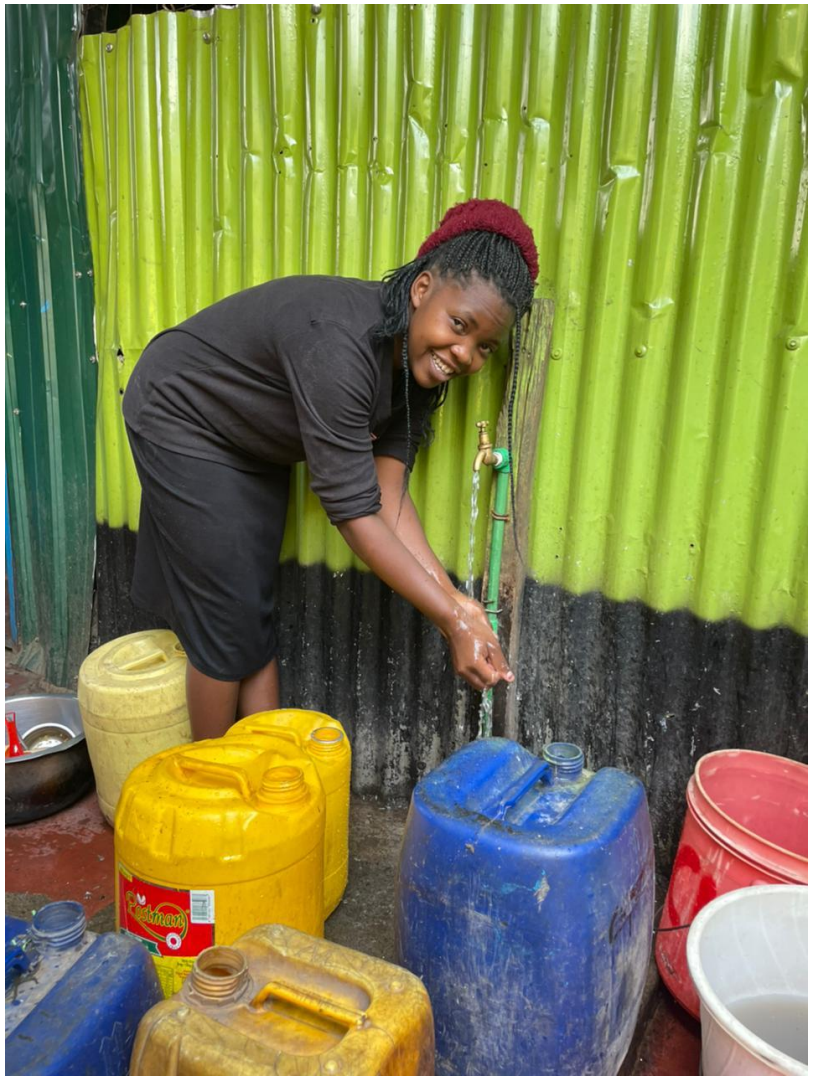
The project was completed in less tan a month, with the help of our engineers and the local community.

WATERisLIFE

To run the pumping system, we **installed 32 Solar Modules of 330watts (10,560watts), which was the requirement for powering the 5.5KW/7.5HP Submersible Motor.** We used the roof of Soweto's Community Center, which was a significant cost-efficiency for the project.

The Generated DC Power was converted into AC Power. **This power is sustainable and maintenance free.**
Also, an under-sink water treatment system was installed for the drinking.

The kiosk is fully functional, and the water supply is now permanent and reliable. **Soweto now has water everyday and, safe for drinking.** In the picture, next to the team, is Collins, member of the community selected to oversee the kiosk.



But there was still one more thing to do... The new water kiosk was working perfectly, but the water wasn't getting to every corner of Soweto.

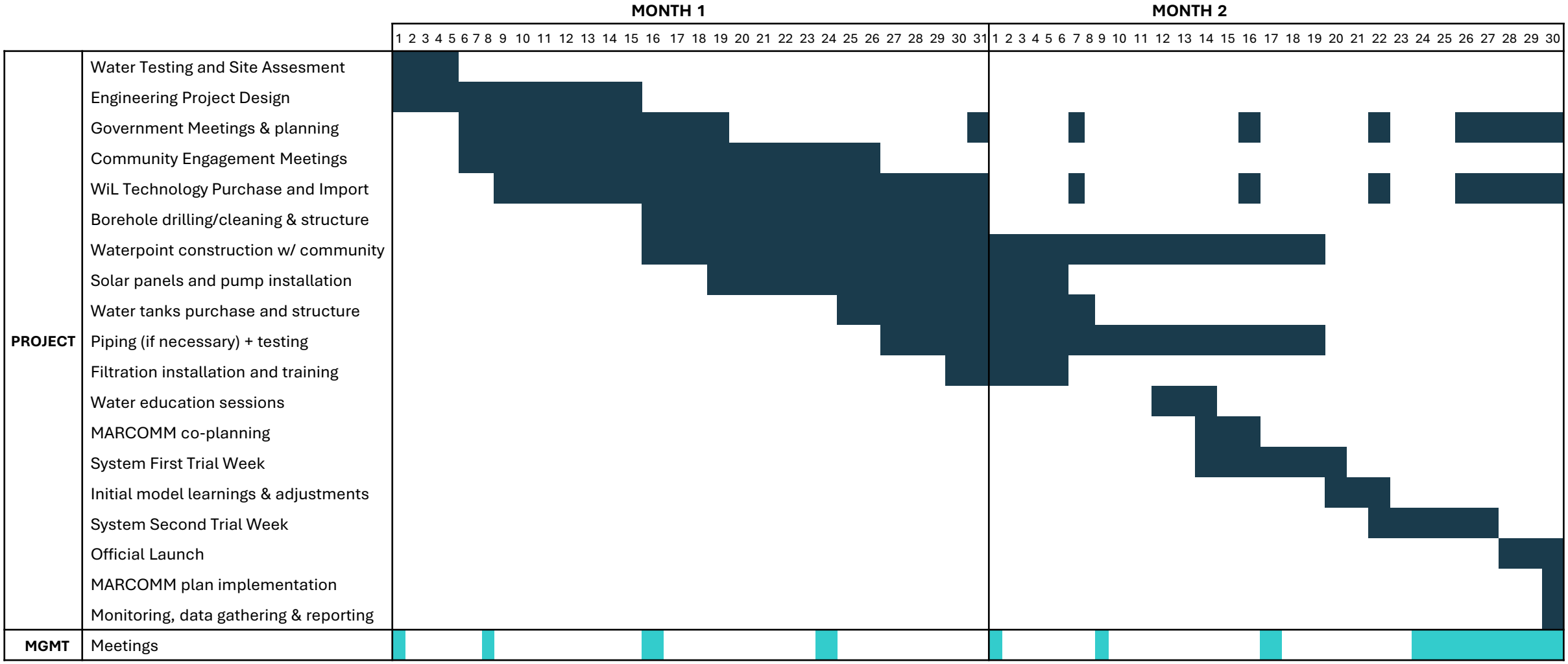
In particular, on the other side of the slum, a Children's Home, run by a very powerful woman, was in desperate need for some water, not being able to walk to the water point every day.

WATERisLIFE made some additional efforts, raised some more funds, and managed to install a booster pump and additional piping to get the water from the borehole to the Home. This was done in one week.

The second stage of the project is to bring sanitation to the Soweto slum, with the new access to water. Toilets, showers and sinks are being planned to provide basic wellbeing and dignity to the community, while diminishing diseases due to lack of hygiene. **We contacted experts from other slums in Kenya and international water specialists to visit the slum and work with us.**

WATERisLIFE

What a “typical” **WATERisLIFE project looks like**



WATERisLIFE

WATERisLIFE

IMPACT REPORT

JUNE 2021 - JULY 2022

A year of safer water to improve lives.