



End of year report 2025

Solvatten 

Another year under the sun

New opportunities, close monitoring of ongoing projects, and strategic planning for our next steps, goals, and ambitions have filled the year of 2025 for Solvatten. Throughout this work, our vision has remained clear: for everyone to live a healthy and dignified life with access to clean and hot water. Solvatten continues to strive for scale, aiming to reach as many people as possible with safe solutions for hot and clean water. Our long-term goal is to reach one million families by 2040. This year has also been marked by ongoing global unrest and uncertainty, underscoring the relevance and value of Solvatten's mission. The need to improve living conditions for people without access to clean and hot water, in a sustainable and renewable way, is more pressing than ever.

Twelve more months of clean and hot water from Solvatten

- **13,600** Solvatten shipped that yearly enable
 - **68,000** people reach
 - **612,000** less sick days
 - **8,935,200** freed hours
 - **81,600,000** litres of cleaned water
 - **13,600** reduced tonnes of CO2 emissions
- New projects in Mozambique with WeEffect and The Red Cross
- Project visits to Kenya, Uganda
- Milestone with UNHCR in Uganda: **20,000 Solvatten**

All photos in this report are taken by Solvatten staff during field visits to our current main project countries Kenya, Uganda and Zambia.

Solvatten in
collaboration
with NORES

Our Collaboration

Nores has partnered with Solvatten
since 2013 and together we have
distributed **982 Solvatten**
providing **4,910 people** with hot
and clean water in Uganda and
Niger.



SOLVATTEN 2025

Your impact

Thanks to Nores, 84 families who previously lived without access to safe water have now received Solvatten. Each Solvatten kit can generate 6,000 litres of clean and hot water, save seven trees and reduce a family's number of sick days by 45 every year. They can free 657 working hours and reduce health expenses by 146 USD annually (SROI study, SLU).

We are truly grateful for your continued contributions and support to give more families access to clean and hot water in a sustainable and renewable way with Solvatten.



84 Solvatten kits
distributed during
the year.



420 people in Uganda
can benefit from the
Solvatten kits distributed
thanks to you.



4,116 trees saved
Solvatten helps reduce
firewood and biomass
consumption by up to
50% by harnessing the
power of the sun.



26,000 fewer sick days
thanks to the health
benefits by using clean and
hot water from Solvatten.



Uganda

DURING 2025

Clean and hot water to 2,600 families

Uganda is a low-income country where 81% of its population of 49 million people has limited access to clean water and sanitation (UNHCR). At the same time Uganda hosts over 1.8 million refugees and the number is growing from the neighbouring conflicts in Sudan and DRC. An increasingly difficult situation for UNHCR, which is facing major funding gaps. We are therefore especially proud of our collaboration and partnership, which this year enabled us to reach the milestone of support to more than 20,000 families – improving the lives of over 100,000 people through the use of Solvatten.



STORY FROM UGANDA 2025

Antoinette in Kyaka II

Antoinette fled Congo alone in 2013. Her family was separated, and to this day, she doesn't know where they are. Life in Kyaka II has been incredibly tough, she survives on just 12,000 Ugandan shillings (about 30 USD) per month to cover food and all other expenses. Contaminated water made her frequently ill, forcing her to spend even more on clinic visits and charcoal to boil water. Since receiving a Solvatten kit in 2022, everything has changed. Now, she has safe drinking water, her health has improved, and she no longer has to spend so much on charcoal. Every bit of money saved makes a difference.

- Kristin Lagerström, Program Manager, Solvatten



The Solvatten project and impact in Uganda

Solvatten is reaching **195,405 users** with **39,081 distributed kits**.

Access to clean, hot water creates business opportunities for local entrepreneurs.



1,7 ton of fuelwood and charcoal saved per Solvatten and year.



PROJECT DETAILS

Our current implementing partner -
UNHCR Uganda

Time period of active projects in Uganda - since 2007 and ongoing

Reaching Those in Need

In collaboration with UNHCR, our project targets refugee settlements and vulnerable host communities, ensuring that even the most marginalised benefit from Solvatten.



Kenya



DURING 2025

Clean and hot water to 7,000 families

Kenya is a lower middle income country where 46% of the population live in extreme poverty. Despite many years of positive development there are still significant income gaps and 34% is lacking basic access to water (Worldbank 2021). If you live without access to clean and hot water with children under 5 years your only option that remains is to boil water with charcoal or firewood. It's an expensive and dangerous work that keeps girls away from school and women away from other business activities. With Solvatten, families can get hot and safe water without these risks and at the same time burning of wood and charcoal is being reduced.

"Treatment at point of use while waiting for the big facilities... Solvatten is like gold to these communities."

Stephen Mutunga, CEO,
Eastern Central
Development Program



STORY FROM KENYA

Josephine in Machakos

It was clear that Josephine's dreams aligned with her hopes for the community around her. Her home was a true meeting hub and she told us about the fantastic possibilities she now saw with her new Solvatten kit and how she wished for all her friends and neighbors to use it too. The benefit for both her and her family's health and the climate was something Josephine emphasised and she was looking forward to not having to burn as much firewood and charcoal to heat and clean water in the future thanks to her new Solvatten kit.

- Klara Elzvik Nyström,
Project Manager, Solvatten



The Solvatten project and impact in Kenya

Solvatten is reaching **375,260 users** with **75,052 distributed kits**.

Solvatten helps reduce firewood and biomass consumption by up to **50%** by harnessing the power of the sun.



This helps save **seven trees** and prevents **one ton of CO₂** per Solvatten from being released into the atmosphere each year.

PROJECT DETAILS

Our current implementing partners -

CANCO, CEDI, Plan International

Kenya, ChildFund Kenya and IAS Kenya

Time period of active projects in

Kenya - since 2007 and ongoing

Solvatten Climate Project

Monitoring of the project is conducted annually and certified by Gold Standard.

GS ID GS11438





Zambia



SINCE 2023

Clean and hot water to 3,000 families

Zambia is a low-income country where 11 million people live in extreme poverty and 4.8 million people lack regular access to clean water (Worldbank 2021). In collaboration with Plan International Zambia who focus on enabling a better future for children and especially girls. Solvatten has distributed more than 3,000 Solvatten kits across eight communities in Zambia. These kits now serve more than 15,000 people with daily access to clean and hot water. We are looking forward to expanding our projects in Zambia during the next coming years and currently we have 1,800 more Solvatten on its way to Zambia, expected to arrive in early 2026.



STORY FROM ZAMBIA

Catherine in Chibombombo

Catherine Muleya is one of the girls who dropped out of school when she became pregnant. She was given a Solvatten and 5 chickens. She proudly showed us a tiny little chicken-house that she built with her sisters. The chickens nicely laid their eggs in small hay baskets. Cathrine showed us the eggs she was going to sell the same day at the market. They were all cleaned with safe warm water from her Solvatten. She told us the value of having the safe warm water ready for caring her little baby.

- Petra Wadström, Founder, Solvatten



The Solvatten project and impact in Zambia

Solvatten is reaching **15,480 users** with **3,096 distributed kits**.

After using Solvatten units to purify water, families report up to, **45 fewer sick days annually** meaning children miss less school and adults can devote more time to productive work.



Beneficiaries save approximately **5 hours** daily that were spent collecting water and firewood.



PROJECT DETAILS

Current implementing partner in

Zambia - Plan International Zambia

Time period of active projects in

Zambia - since 2023 and ongoing

A Lifeline for Communities

Continued support means more communities reached. Together, we can expand impact where it's needed most.

ABOUT SOLVATTEN

Solvatten continues to improve lives

We work through local implementing partners, currently primarily in **Kenya, Uganda and Zambia** but Solvatten has worked to improve the health of women, children, and families in more than **40 countries, since 2007**. Solvatten kits are used by more than **800,000 people worldwide** and our work directly supports all the 17 Sustainable Development Goals. Our goal is to reach **1 million families by 2040**.



How does it work?

Each Solvatten provides roughly 6,000 litres of clean, hot water annually with a lifespan of 7+ years. The kit is designed to be a combined portable water treatment and water heating system that produces and stores purified water. After just a few hours, water is safe to use for cooking, drinking, and for hygiene purposes.

By harnessing the power of the sun, Solvatten's innovative Solar Safe Water System provide off-grid households with clean water, quickly and safely. Our unique water system has provided clean water to communities worldwide.

The Solvatten Process for Purifying Water



Opened like a book

Each kit contains two 5-litre containers, each of which can be filled with water through an opening that houses a 35 micron fabric filter.



Fueled by the sun

The kit is then placed in direct sunlight, which simultaneously heats the water and exposes it to ultraviolet radiation.



Purified by radiation

The combination of heat and UV light is a highly-effective means of purifying water and, depending on conditions, the water will destroy pathogenic material in 2-6 hours.



Cleared to use

An indicator tells the user when the treatment process is complete a sad, red face changes to a happy, green face, making it easy for even the smallest children to understand.

One year with one Solvatten



45 days reduction
of sick days



146 USD reduction
of health expenses



400 kWh Solar Energy utilized
to displace 5300,00 kWh
Non-Renewable Energy



657 working
hours freed



7 trees saved



1 ton of reduced CO₂
emissions



1,7 ton of fuelwood
and charcoal saved



0,02 hectare
of forest saved

THANK YOU FOR YOUR CONTRIBUTION

Your support contributes to improve the living conditions of vulnerable families, helping them in their daily life. Positive change is possible, step by step and litre by litre of clean water we are moving in the right direction - to give people access to clean and hot water at home. water we are moving in the right direction - to give people access to clean and hot water at home.

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