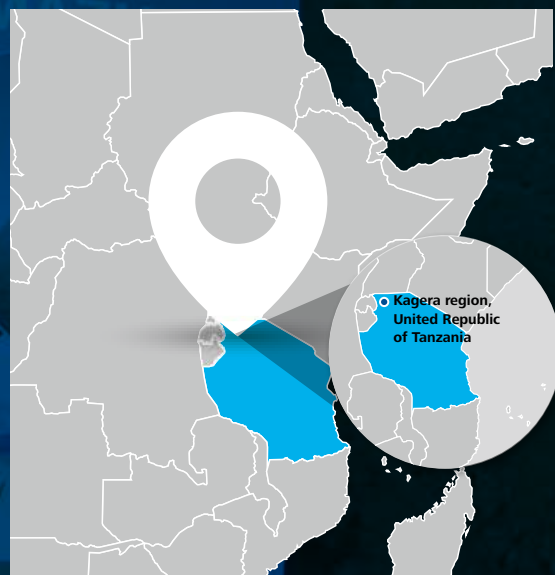


Safe Water for Kagera Tanzania

Improving lives and avoiding deforestation
by enabling access to clean water



Located in a coffee-growing region of Tanzania, this project promotes access to safe drinking water by distributing Tulip Table Top water filters in communities through a network of local sales agents. The filters can provide families of up to 10 with enough drinking water to meet their daily needs. The project is funded by Coop Switzerland to reduce emissions within its value chain.

The Context

2.5 million people live in Kagera; an area the size of Switzerland on the shores of Lake Victoria in northwestern Tanzania. Kagera has the highest proportion of rural households in the country (92%), and in rural areas 34.8% of people boil their drinking water for purification on stoves using mainly charcoal and firewood. In contrast, just 1.5% rely on alternative, low-carbon emitting water treatment technologies.

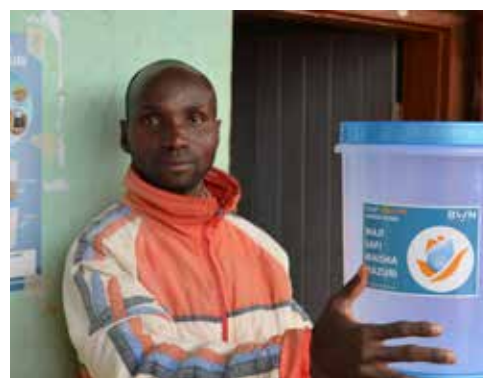
The Project

Through this project, Basic Water Needs – the filter producer and distributor – sets up sustainable distribution channels for Tulip Table Top water filters. The filter, based on patented technology, consists of two containers; dirty water is put into the top container, it then drips through a ceramic candle into the bottom bucket. The Tulip Table Top ceramic candle filter can easily purify the water, removing pathogens and turbidity. Clean water is stored in the bottom container to prevent re-contamination. The water can be used for drinking via the tap in the lower bucket. Filters are easily cleaned and need replacing annually, while the buckets last a minimum of five years.

The Benefits

Emission reductions are achieved, as the Tulip Table Top filters remove the need to burn non-renewable biomass for water purification. This also helps ease pressure on local forests, while less time and resources are spent collecting firewood. Health risks associated with the harmful smoke from wood-fueled stoves are reduced; so too are diseases related to consuming unsafe water, particularly for young children who are most vulnerable. In collaboration with partners on the ground, Basic Water Needs also supports local entrepreneurs by providing a sustained supply of household water filters and raising community awareness.

Basic Water Needs is active in almost 20 countries worldwide and has provided nearly two million people with safe drinking water



Gold Standard



**15,000
people**

approximately benefiting from clean water thanks to the water filters



**3000
filters**

sold with a total revenue of TSH 13.5 million for local agents selling the clean water filters, providing a sustainable income source



**11,327
tCO₂e**

mitigated from 2016 to 2017

For more information on the UN Sustainable Development Goals, please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

Official name: GS 4503 Sustainable Safe Water Program - Tulip Filters in Tanzania VPA 1 | **Gold Standard link:** <https://registry.goldstandard.org/projects/details/531> | **GS ID:** 3267 | **Issuing credits:** GS VERs | **Client:** WWF / Coop Switzerland | **Project partners:** Karagwe Development and Relief Services (KADERES) and Basic Water Needs (BWN) | **Video link:** <https://www.youtube.com/watch?v=grT19O7oxoE>

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