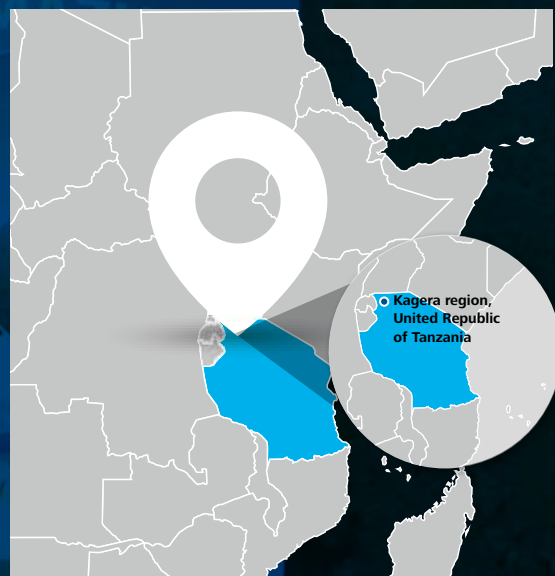


Safe Water for Kagera Tanzania

Coop Switzerland is taking action in its supply chain to improve lives and avoid deforestation



Located in a coffee-growing region of Tanzania, this project promotes access to safe drinking water by distributing Tulip Table Top water filters to communities. The filters provide families of up to 10 with enough drinking water to meet their daily needs. The project, designed with WWF, South Pole and local Tanzanian partners, is funded by Coop Switzerland to achieve the highest possible benefits for the environment and local population involved in its supply 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

Project partner Basic Water Needs – the filter producer and distributor – created a sustainable distribution channel for the water filters by employing a network of local entrepreneurs. The Tulip Table Top 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 sediment. 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 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.

This pioneering project creates emission reductions directly in Coop Switzerland's supply chain



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=gT19O7oxoE>

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