



# Drinking water preparation Malawi, Kenya and Uganda

## Essential facts and figures

<b>Project activity</b>	Drinking water purification through chlorination in Malawi, Kenya and Uganda. The programme was registered by the UN in December 2012 as no. 5962.
<b>Project site</b>	Malawi and Kenya
<b>Project owner</b>	Pure Water Ltd., fully-owned subsidiary of the South Pole Group
<b>Start date of operation</b>	2015
<b>Project duration</b>	2015 to 2020
<b>Quantity of emission reductions (in tonnes of CO<sub>2</sub>)</b>	2'000'000 CERs

## Project description

For many households in developing countries, boiling water is the only available way to prepare their drinking water. Using firewood contributes to deforestation, which – next to other negative ecological effects such as a loss in biodiversity – is one of the main origins of greenhouse gas emissions in developing countries. Pure Water is fitting wells and springs in Malawi, Kenya and Uganda with chlorine dispensers, enabling 4 million people to purify their drinking water in a safe and simple manner. Chlorination is one of the cheapest and most efficient ways to prepare drinking water. Studies have shown that this lowers diarrhoea rates – one of the major causes of death for children under 5 in developing countries – by more than 40%. At the same time, every installed chlorine dispenser reduces between 20 and 40 tonnes of CO<sub>2</sub>e a year.

Chlorine dispensers are installed only with the approval of the local population. Technicians ensure that they function faultlessly and are regularly restocked. Rigorous and continuous evaluations assess what percentage of households use the chlorine dispensers (as experience shows: 45%) and what percentage of treated water is safe (as experience shows: 90%).

## Project status

Evidence Action has installed most of the planned 27'000 chlorine dispensers. To date (May 2018), 218'908 CERs have been delivered, of which 200'000 replacement CERs stemming from another project, in order to bridge an acute liquidity shortage at Evidence Action.

## Project owner

The programme is operated by Pure Water Ltd., a 100% subsidiary of the South Pole Group, one of the worldwide leading developers of climate protection schemes. Pure Water works with Evidence Action, a specialist in drinking water preparation using chlorination.

For further information:  
Marco Berg, Managing Director  
Tel: +41 (0)44 387 99 02

