

Support Access to Clean Water in Uganda

Project description

The World Health Organization (WHO) estimates that over 40% of Africa's Sub-Saharan population still lacks access to safe water. In Uganda, 52% of the country does not have basic access to safe drinking water. To fight this issue, SPOUTS aims to provide access to safe and clean drinking water through the production and distribution of ceramic water filters for households and communities in Uganda. Prior to the use of filtration, Ugandans were using wood and/or charcoal on rudimentary stoves for boiling water in order to use it after. The project improves the energy efficiency of end-users practices and reduce greenhouse gas (GHG) emissions otherwise resulting from the burning of non-renewable woody biomass and/or charcoal. SPOUTS has also installed filters in over 500 schools across the country, providing access to safe water for over 50,000 students. SPOUTS aims to provide 5 million Ugandans, or 14% of the population, with access to safe water by 2025.

Project developer

Kathy Ku, a young college student, spent the summer of 2010 in Uganda and was struck by how many people around her were getting sick from dirty water. Seeing that these diseases could be prevented, she knew there was a better way. SPOUTS was created in 2011 with the simple idea that ceramic water filters could be made and sold locally.

Sustainable Development Goals



aera

Project details

Project name:
SPOUTS Water Purifier Programme in Africa

Project type:
Water Filter

Location:
Uganda, Western Region

Project owner:
SPOUTS

Status:
Under listing & operational

Project ID:
Gold Standard 11638

Key facts

90,000 tCO₂
saved/year

30,000 filters
to be distributed

500 schools
equipped to date



The project takes place in the Western region of Uganda

Pictures



Impacts



Waterborne illnesses remain a leading cause of death for children under the age of five.

Thanks to the SPOUTS filter, households have access to clean water more easily.



Acquiring drinking water is an expensive investment across Uganda, whether boiling water or purchasing costly bottled water.

For less than \$30, a filter will provide a Ugandan family safe water for over two years.



Clearing forests to provide firewood to boil water contributes to deforestation, increases CO₂ emissions and smoke inhalation in homes.

With this water filtration system, no more wood is used to access clean water.



SPOUTS is using the local workforce

The project is hiring 20 people for manufacturing, dissemination and maintenance of the filters.

CSR Actions

SPOUTS created a nonprofit in order to provide Uganda's most vulnerable communities with clean drinking water. They have installed water filters in refugee camps (7,000 filters), and in 80 schools providing 40,000 students with safe water.

Key facts

20 jobs

created locally for manufacturing and distribution

2.5 hours/week




average time saved by women for wood collection and water preparation

99,99% effectiveness

against germs and bacteria

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