



Kenya

Lifestraw® Treatment of contaminated Drinking Water

Project Name	Sustainable Deployment of the LifeStraw Family in rural Kenya
Standard Utilised	Gold Standard VERs
GS VER Project Number	886
Registration Date	March 2010
Project Validator	Det Norske Veritas Certification AS (DNV)
Est. Annual Reductions	2,073,328 tCO ₂ e



Location

Kenya
Africa





Project Description

The LifeStraw® Family units treat contaminated drinking water via a special microbiological filter. This reduces the demand for conventional water treatment, which is achieved through boiling water with non-renewable fuels. With the assistance of carbon finance, this project becomes economically sustainable and, moreover, provides a significant improvement in public health.

- ▣ Over a billion people in the world lack access to safe drinking water.
- ▣ Water-borne disease is a leading cause of illness in the developing world, contributing to the death of on average 2,000,000 children every year.
- ▣ Families boil drinking water, using wood which they frequently struggle to afford and which is from non-renewable resources anyway

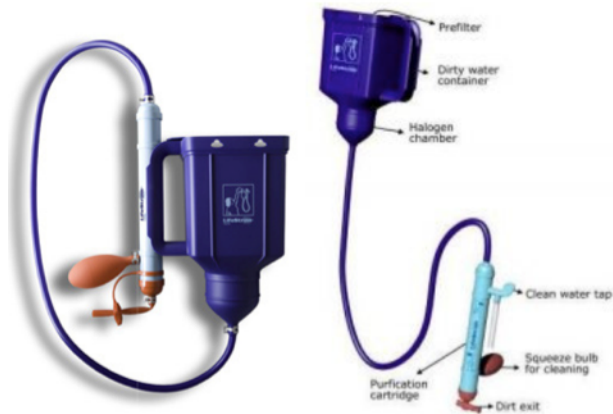
LifeStraw® is helping to alleviate this situation – meeting both humanitarian and environmental goals

- ▣ Distribution of LifeStraw® water treatment systems to over 1 million people has the potential to dramatically reduce incidence of waterborne disease for more than 4 million people and reduce the use of firewood.



How LifeStraw® Works & How it Reduces CO₂ Emissions

- The LifeStraw® water treatment system can filter up to 3 years of drinking water for a family of five.
- The system requires no electricity or additional consumables beyond the unit itself.
- Complies with US EPA guidelines providing treated water that is as-good or better than boiling for microbiological contamination.
- Reduces demand for firewood for water treatment by boiling, which directly reduces CO₂ emissions.



Social Benefits

- Project will provide access to clean drinking water to over 4 million rural Kenyans
- Reduced child and adult mortality
- Reduced costs to families
- Increased attendance at schools
- Increased productivity in communities
- Provides employment and education opportunities



Contact our team to discuss your offsetting requirements, and to ensure you find the project that meets all your own particular carbon neutrality & CSR needs