



# AQUA CLARA KENYA

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# Aqua Clara Kenya

Aqua Clara Kenya (ACK) is a social enterprise working across Africa to improve access to safe drinking water.

Since its establishment, ACK has been distributing simple, affordable and effective technologies that have enabled more than 300,000 people to have access to safe drinking water.

## Vision

An Africa where everyone has access to safe drinking water.

## Mission

To increase access to safe drinking water in Africa by building local capacity, providing effective solutions and implementing sustainable approaches



# 1

## Current activities

### **Capacity Development and Awareness Creation**

- ❖ Aqua Clara Kenya provides sustainable access to capacity development services in East Africa for organizations, entrepreneurs and community members implementing WASH initiatives.

### **Simple, Effective & Affordable WASH Products**

- ❖ We design or select effective and affordable Water, Sanitation and Hygiene (WASH) products, ensuring that they are easy to use and maintain

### **Last Mile Distribution**

- ❖ We use a market-based approach to distribute WASH products



# Aqua Clara Technologies

## Waters filtration technologies

1. Biosand filters
2. Hollow fiber membrane filters
  - i. HF15 Household filter
  - ii. HF10 household filter
  - iii. Community filters





# ACK Technologies cont'

## Water lifting devices

- i. Handpumps (Rope pumps)
- ii. Renewable energy (Solar pumps)

## Rainwater Harvesting

- i. Rainwater harvesting system
- ii. Ground water recharge system

## Access to groundwater

- i. Hand dug well
- ii. Tube well (Mzuzu Drill)





# ACK Technologies cont'

## Sanitation

### 1. Latrines

- i. Ecosan latrine
- ii. Ventilated improved pit-latrine

### 2. Safe Toilets (SaTos)

- i. SaTo pans
- ii. SaTo flex
- iii. SaTo stool



### 3. Pit latrine lining and slabs





# 2

## Challenges

- ❖ Artisans want quick returns
- ❖ Low awareness on these technologies
- ❖ Maintenance challenges especially when community owned
- ❖ Rocky grounds poses a challenge in drilling wells



# 3

## Future plans

### **Capacity Development**

- Train more artisans on different technologies through the WASH incubator component and more practice through the Rotary Project.

### **Simple, Effective & Affordable WASH Products**

- Adapt more SMART technologies for our demo site.

### **Awareness Creation**

- Market and promote our SMART center for trainings; both local and international.
- We will be hosting the EMAS training this coming May





THANK YOU