

# A WATER KIOSK AT SCHOOL



Venuste Kubwimana

Secretary General

@ITF Secretariat

@kvest005

Tel: +254715799292

E-mail: [Venuste@itfsecretariat.org](mailto:Venuste@itfsecretariat.org)

[www.itfsecretariat.org](http://www.itfsecretariat.org)



Join the pipe

# A Water Kiosk at School:



Enable community school to set up onsite water kiosk with sustainable products as School business for:

- Children to transport tap water to their homes straight from school.
- And generate much-needed income for the school.

# The Challenge:



In Kenya it is estimated that only 1/3 of the population has access to safe drinking water close to their homes at an affordable price. Consequently, every morning children have to wake up early to walk for long distances so as to secure water for their families before going to school causing absenteeism. Later resulting to dropping out of school.

# Why A Water Kiosk at School:



Children are no longer absent from school to secure water for their families. Other multiple benefits for students, schools and communities include:

## FINANCIALLY:

- The first **microcredit** project for **schools** with a **sustainable business model**, creating **money for WASH activities** in school,
- A **repaid loan system** that is **redeployed to additional schools** in need, thus reducing the need for subsidies and dependency,
- A **pre-paid credit card system** ensures that **school Members pay a lower price** per 20 liter container of water.



## IMPROVED SANITATION & HEALTH:

- All **sanitation facilities** are **improved** around the school, the money from the water kiosk is used to purchase soap and toilet paper for the school children,
- **Jerry Carry Karts** reduce the **physical injury** from constant lifting and carrying heavy loads of water on the heads of the children,
- **Increased safety** as children do not have to go to **remote and dangerous places** to fetch water.



## EDUCATION & CAPACITY DEVELOPMENT:

- We **increase school attendance** as children no longer need to absent themselves from school to secure water for their families,
- A place for **work experience** to learn about teamwork; commitment, leadership and responsibility.



## SOCIOECONOMIC OPPORTUNITY:

- Children are able to **transport water** to their own houses **straight from school**,
- A school kiosk **save time** and waiting in lines at other water points.



# Characteristics:

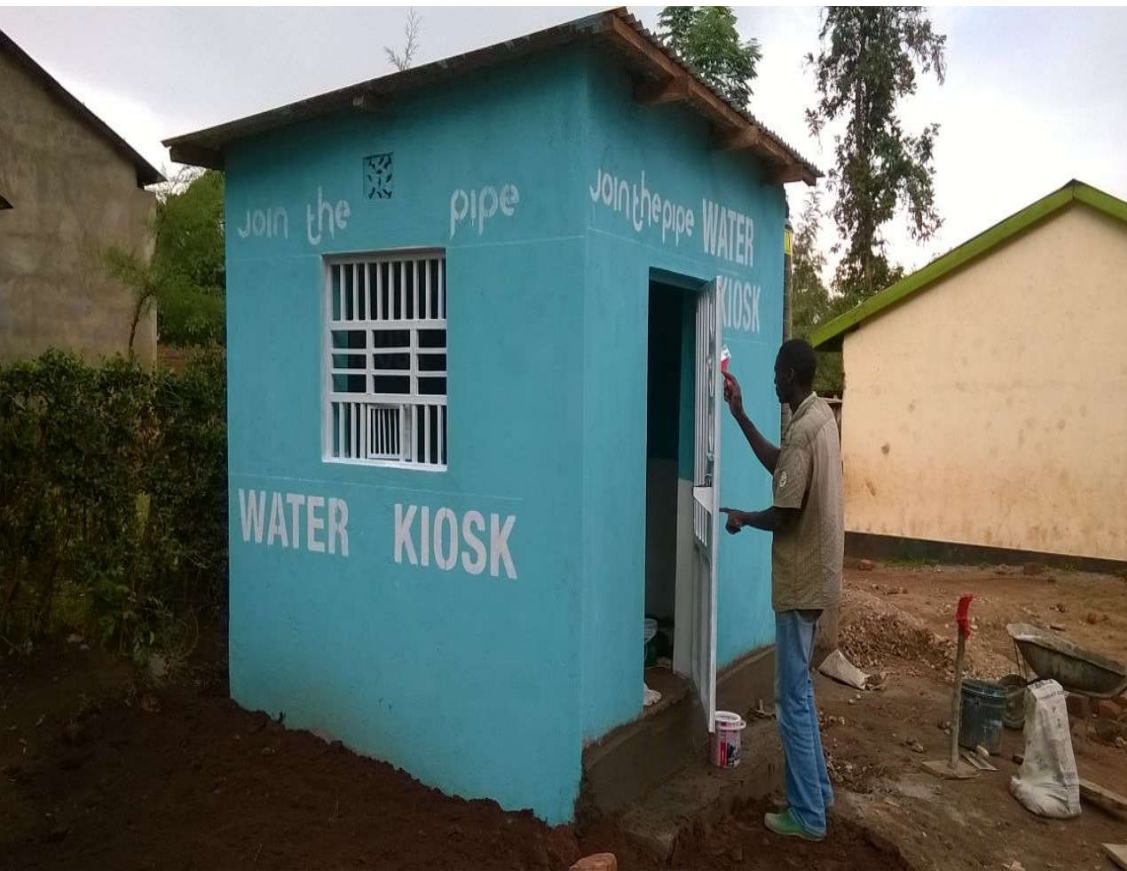
Thanks to the **Join the pipe Foundation** (Amsterdam ) collaboration who design and manufacture for us:

- 1. WATER SAVING TAP STATION** - Our water stations not only provide clean drinking water but also save water. No water is wasted with our auto-stop tap! They are also Vandal resistant.
- 2. DRIP TAPS for HAND WASHING FACILITIES** -We build hand washing sinks to prevent waterborne illnesses to spread. Drip taps technology reduces 90% of water usage!
- 3. WATER BOTTLES** - We provide refillable water bottles for the children to drink from . Our refillable bottles are made of BPA-free plastic and are distinguished with a Dutch Design Award.
- 4. JERRY CARRY KARTS** - These Jerry Carry Karts reduce the physical injury from constant lifting and carrying of heavy loads of water on the children's heads.



# Financial Facts:

- **Setting up a water kiosk at school model cost only 3000 - 4000 Euros!**



- **Within 24 months, the school is able to earn more than enough from selling clean tap water and return the set up cost which is then redeployed to additional school.**

# Management:



- **Day to Day operations & Records:** two (2) students per day with two (2) roles. One receives money and does book records keeping in a dedicated book. The other one is responsible for assisting the customers in refilling their jerry cans at the tap. At the closing of business, both kiosk operators sign and submit the records book to a responsible teacher or any other designated person at school.
- **Weekly and Monthly report:** The information recorded every day in the records keeping book are used to compile a weekly and monthly report prepared by students with the support of a teacher. It is then sent to ITF essentially containing information such as: How many school members used the kiosk and how much water purchased and money spent, how many non-school members used the kiosk and how much water purchased and money spent, how much money the kiosk earned and spent, names and details of students who managed the kiosk etc.
- **Monthly Kiosk Visit:** Once a month the ITF project coordinator visits the school and the kiosk to review the day to day book records to confirm the conformity with received weekly and monthly report.
- **User Survey:** Every quarter ITF Project coordinator prepares and conducts a public survey by phone, in person and or online questionnaire interview with the kiosk users and or community residents.

School Students run a water kiosk at school.

# Impact:

Since the project launch in November 2013 we have:

- **Built 9 water kiosks at 9 schools /Communities in 3 counties** across Kenya.
- **4338 School children no longer need to absent from school to secure water** for their families and have **improved sanitation and health** at their schools.
- **70587 people have access to clean tap water at an affordable price.**
- **Distributed over 5000 re-usable water bottles.**





# Challenges we faced:

During the testing phase (1 & 2 year) we experienced a variety of challenges which included:

- Misuse of kiosk set up money disbursed to schools;
- Mismanagement of the kiosk once built and misuse of kiosk revenues;
- Disparities in kiosk's Daily, weekly & monthly reports.

**All eventually led to schools not being able to repay the set up cost in stipulated time to be redeployed to other schools.**

## Current Challenges:

- Many Schools/Communities wants to join the pipe;
- Most in need schools/Communities too far away from public pipelines (water sources)';
- All above because of Limited funding.

# 5 KEYS to a success Water Kiosk at School in a Community:

- **The School Motivation :** to adopt a water kiosk at school as a school based and students managed business. The school administration's willingness to adopt a water kiosk at school determines how much motivation they will give the students running the kiosk .
- **Access to tap water problem:** A join the pipe water kiosk at school is set at schools located in generally poor communities ( rural or slum) with no working water system at all or have a certain amount of tap within, but would like to increase this amount. A water kiosk at school MUST be placed in a community where it will be the community's main source of clean water.
- **The Community involvement :** The general community residents ownership of a water kiosk at school is integral of setting up the kiosk . They MUST work together to estimate the set up cost within the community resources context; So that the school will be able to sell water profitably and return the set up cost within 24 months to be redeployed to other schools.
- **Legally Binding agreement:** This agreement allows ITF to place the kiosk management to another community's school/residents in case the school violates the kiosk principles and the school is held liable.
- **Monitoring and evaluation Measures:**
  - **Day to Day operations & Records:** by two (2) students per day with two (2) roles.
  - **Weekly and Monthly report:** Compiled by students.
  - **Monthly monitoring& evaluation Kiosk Visit:** To review daily book records conformity with received weekly and monthly report.
  - **User Feedbacks:** At least once every quarter from both students & general community .

# A water kiosk at school- Recap Video:

<https://youtu.be/TVK5sZnLQ9Q>

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Thank You.

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Secretary General  
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