# KOKEN BORING MACHINE CO., LTD.



## Sustainable Water Supply System by E-Money in Uganda

## **Project Implementation Details**

This project is a B-to-C business that supplies water to local people through public taps. In Uganda, public taps serve as one of the main water sources for households not connected to the water supply network. The locals typically bring their buckets to these taps and purchase water by paying an attendant. However, they must always have cash on hand, and when the attendant is absent, they are unable to purchase water. Additionally, challenges such as attendants overcharging customers and theft of collected payments have been reported.

To address these challenges, this project introduces an electronic payment system at public taps, similar to Japan's transportation IC cards. Users can precharge money and simply tap to purchase water, making the process more convenient, transparent, and secure.





- $\uparrow$  Children from the community using the system
- ←Constructed public water taps
- ↓ Distributed Cards



## **Project Results**

In July 2024, a kickoff meeting was held with the Ministry of Water and Environment, our counterpart. A needs assessment was conducted, focusing on market areas, and potential sites for public tap installations were selected. By November of the same year, an MOU was signed. Five water supply facilities were then constructed, primarily in market areas where shops are concentrated, and the project officially launched in December.

The successful realization of this project; from planning, research, local coordination, and construction to implementation within just six months was largely attributed to the swift response and strong cooperation of our counterpart.

Since the launch, many users have been actively utilizing the facilities. The project's catchphrase, "Amazzi Ga'bonna" meaning "Water for All", was selected through a voting process after counterpart officials contributed various ideas and name suggestions.

#### **Future Business Development**

Moving forward, we will continue monitoring the five public taps and analyzing customer usage patterns based on the collected data. Regular web meetings will be held with our counterpart to facilitate mutual feedback, ensuring the sustainable management and operation of the water supply facilities.

Furthermore, we plan to expand the water supply facilities to new locations recommended by our counterpart. In the long term, we aim to extend this initiative to neighboring countries, realizing our vision of providing water for all, per our catchphrase.