

Mombasa Old Town WaterKiosk

24/7 drinking water supply

At the heart of Mombasa old town, at the middle of heavily dense neighborhood, and just a short distance from historic Mombasa old-port, WaterKiosk is offering to locals up to 20,000 liter of hygiene drinking water per day. The raw water source is coming from a shallow borehole, badly contaminated with seawater and toilet seepages. The high population around the system, required the project to deliver water 24/7. To achieve that, 3 automated Water ATMs, running on mobile money and tokens, provide water upon request any time. 10kw of solar array is powering the entire system and its operation.

Impressions



Key Facts

Country, region: Kenia, Mombasa

Technology transfer: solar-PV powered reverse osmosis water treatment plant for the production of clean drinking water

Standard: GS

Status: commissioning in November 2020

Achieved effect: Access to drinking water, public access to renewable energy

SDG's:



BOREAL LIGHT
WaterKiosk WINTURE



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