

Diani WaterKiosk®

Water supply near the coast

Diani beach is a one of the most touristic destinations in Kenya and located about 35km south of Mombasa. While the tourism has benefited the locals, that drastically increased their living cost. Diani WaterKiosk® is offering affordable hygiene drinking water to the very locals who traditionally have limited or no access to such drinking water. The solar water desalination machine installed 500 meters from the beach, right at the side of the main road, powered by 10kw solar array, pumping up to 20,000 liter brackish water per day from 30 meter deep borehole to produce hygiene drinking water.

Impressions



Key Facts

Country, region: Kenia, Kwale County

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:

