

Lomé

Solar drinking water networks

Lomé is the capital of the West African state of Togo on the Gulf of Guinea. The city is the economic and cultural centre of the country. About a quarter of the country's population (1.7 million inhabitants) lives here.

For the drinking water network in Lomé, a borehole with a depth of approx. 50m is drilled. And two water kiosks are distributed 60m across each other in the downtown of Lomé.



think • go climate conscious

atmosfair



Country, Region, Town:

Togo, Maritime, Lomé

Technology Transfer: Anodic Oxidation disinfection for water purification treatment; Submersible solar pump to access groundwater supply

Standard: Gold Standard

COD: April 2023

Status: Active Project; Ability to provide 10,000L clean drinking water per day

Achieved Benefit: Access to drinking water; Reduction of adverse health effects; Avoidance of harmful gases by replacing firewood

6 CLEAN WATER AND SANITATION



Emission Reduction:
Approx. 120t CO2 equivalent per year

3 GOOD HEALTH AND WELL-BEING



13 CLIMATE ACTION



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



This project has significantly helped the community in downtown Lomé by providing access to clean drinking water, reducing the incidence of water-borne diseases, and improving overall health. The water kiosks allow residents to obtain safe and clean water at affordable prices, which is especially important in areas where access to clean water is limited.

