

Water plant uses South Tarawa photovoltaic folding container low-pressure type





Overview

What is the South Tarawa water supply project?

The Green Climate Fund, in partnership with the government of Kiribati, the Asian Development Fund, the World Bank and the Global Environment Facility, is enabling the implementation of the South Tarawa Water Supply Project, involving the construction of two desalination plants and a solar PV system to augment Kiribati's water supplies.

How will South Tarawa improve reticulated water supply?

The project will improve the reticulated water supply in South Tarawa. In particular, the project will (i) provide a climate-resilient water supply of 6,000 kiloliters per day (kL/day) from two desalination plants and (ii) rehabilitate and extend the distribution network to allow water to be delivered to households.

Why is alternative water supply important in Kiribati?

Against this background, the development of alternative sources of water supply is important and urgent to ensure water security in the country and boost resilience against the effects of climate change. The Kiribati Public Utilities Board (PUB) is responsible for the provision of water to the people of south Tarawa.

How much safe drinking water is provided in South Tarawa?

In the with-project case, almost 40 L/c/d of safe drinking water is provided to every household in South Tarawa. This is expected to significantly reduce the (i) time taken to collect water from other sources, (ii) cost associated with boiling water, and (iii) incidence of waterborne disease.



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The sub-components of the STWSP include i) establishment of two desalination plants in Betio and McKenzie, ii) establishment of solar photovoltaic (PV) system in Bonriki, iii) ...

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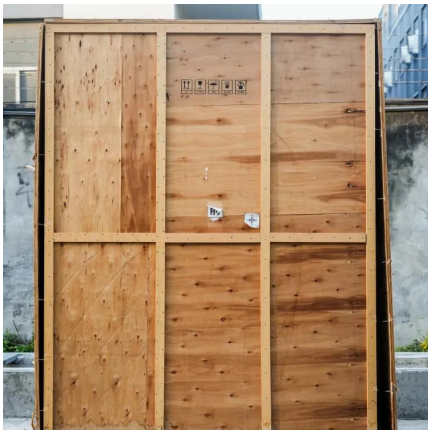
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