



MISE NEWSLETTER

Inside this Issue

1. MISE MSP Retreat.
2. South Tarawa Water Supply Mission.
3. STWSP Monitoring Specialist
4. 2 newly installed water system on Abemama.
5. Successful Installation of 2 New water system on Abemama.
6. Key Message from the STWSP

MSP Retreat held at OceanView Hotel Abaokoro.



Last weekend, the Ministry of Infrastructure and Sustainable Energy organized a 3-day retreat at the Oceanview Hotel Abaokoro, North Tarawa starting from 25th -28th January 2024. The primary objective of the retreat was to devise the Ministry's strategic plan for the upcoming four years, given that the current strategic plan had expired in December 2023.

The retreat served as a platform for representatives from all MISE divisions, projects, and state-owned enterprises (SOEs) to come together and collectively shape the strategic direction of the ministry. The objective of this collaborative effort was to guarantee that all parties had an opportunity to contribute to the formulation of the objectives, priorities, and initiatives of the Ministry for the upcoming four-year period.

Additionally, the agenda also included deliberation on diverse topics such as reviewing the annual workplan, conducting a SWOT analysis (Strengths, Weaknesses, Opportunities, and Threats), assessing the ministry's achievements, and identifying common challenges and lessons learned.

These discussions were significant in facilitating a thorough understanding of the ministry's current situation and external factors that could influence its operations in the future.

The retreat program was concluded by MISE secretary Dr. Farran Redfern, who acknowledged participants for their commitment and diligence in accomplishing the retreat goals and objective. This followed by lively program and dinner reception to mark the end of the program.



South Tarawa Water Supply project Mission

The Implementation progress of the South Tarawa Water Supply Project was the main highlight of discussion in a three day mission, which ran 15-17 January, 2024. According to the mission's program, the first two days was spent in a dialogue between donor agencies, the Asian Development Bank and World Banks and STWSP implementing management unit, STWSP PMU and MISE, MFED, PUB and consultants of the WASH Awareness program.



Site inspections were conducted at the two desalination plants, Temakin, Betio and Mckenzie as well as the Bonriki Solar PV facility, GDW-3 on the final day of the mission.



The donor agencies normally conduct at least two missions in a year, as ways to assess implementation progress as well as discussing existing and emerging project risks and appropriate mitigations and agreed on ways forward.

STWSP Monitoring specialist Mission



The donor agencies normally conduct at least two missions in a year, as ways to assess implementation progress as well as discussing existing and emerging project risks and appropriate mitigations and agreed on ways forward.

Site inspections were conducted at the two desalination plants, Temakin, Betio and Mckenzie as well as the Bonriki Solar PV facility, GDW-3 on the final day of the mission.

The successful completion and installation of two newly designed water systems at Tabotine and Kenna Kabangaki Abemama

It's truly heartening to learn about the successful completion and installation of the new water systems at Tabotine and Kenna Kabangaki Abemama, as well as the rehabilitation works on the old system at Tebwanga Village.

The commitment and dedication of the team, working alongside the community, have resulted in a significant improvement in water infrastructure on Abemama Island.

the construction work included the installation and distribution of pipelines to individual residences is crucial for ensuring that each household has access to a reliable water supply. This development is likely to have a positive impact on the daily lives of the villagers, improving health, sanitation, and overall well-being.

The collaboration between the team and the community, along with the support from the Ministry of Infrastructure and Sustainable Energy showcases a coordinated effort to address essential needs.

The complete installation of these water supply system is a significant accomplishment that may enhance the community resilience by eliminating their dependence on unreliable and distant water sources.

This initiative not only enhances the quality of life for the residents but also contributes to the overall progress and long-term viability of the community. This project was supported from the Ministry of Infrastructure and sustainable energy through the Water and Sanitation engineering Division and was funded by the Water Scarcity Project.



key message for the South Tarawa Water Supply Project.

The South Tarawa Water Supply Project (STWSP) aims at increasing access and quality of water supply services on South Tarawa. It will ensure that ALL residents on South Tarawa have equitable access to safe and reliable water services. The South Tarawa Water Supply Project will improve the operational performance of Public Utilities Board. Public Utilities Board will continue being the supplier of drinking water South Tarawa.

The South Tarawa Water Supply Project has four key parts: desalination, water distribution, solar energy production, and Water, Sanitation and Hygiene program.

1. Desalination – involves the construction of a 3,500kl/day seawater reverse osmosis desalination plant at Temakin, Betio and the 2,500 kl/day desalination plant at Mckenzie, Bikenibeu. The existing desalination plant in Takoronga uses reverse osmosis to remove the salt and other impurities from the water and make it safe for drinking.

2. Completion of the Temakin Desalination Plant is expected in the next few months and will be followed with the completion of the Mckenzie Desalination Plant.

·Construction of the plants has extended due to normal construction delays, however, completion is expected in the next few months.

3. A pipeline to transfer the desalinated water from the Betio Desalination Plant to the Betio Bulk Water Tank, known as PUB Tank, will be constructed. Construction work will start next month.

4. Construction of the pipeline between the Betio Desalination Plan and the Betio Bulk Water Tank will create some temporary impacts on the communities next to the pipeline.

5. Temporary impacts include additional noise and dust from construction. Temporary impacts also include traffic disruptions due to road closures.

Temporary impacts are expected to go for 3 to 5 months while the pipeline is completed.

·Once the pipeline to the Betio Bulk Water Tank is completed, desalinated water will be distributed to communities from Betio to Antemai.

·The delivery of desalinated water will change the rationing of water in these communities.

·It is anticipated that the delivery of the desalinated water will double the duration of the rationing period from the current two hours every two days to a daily delivery of up to 4 hours.

·The Public Utilities Board will announce to the public the new hours of water rationing once the Betio desalination plant is completed.

·As for McKenzie Desalination Plant, desalination water will be delivered to communities from Antebuka to Nawerewere villages.

2. Solar energy production – a new solar photovoltaic (PV) will be constructed at the Bonriki water reserve to supply part of the power needed for the desalination plants.

3. Water Supply Network – A new and rehabilitated water supply network to reduce leakage and provide a pressurised and safe drinking water 24 hours a day 7 days a week to all users.

·A customer service centre will be located at the Betio desalination plant.

·Provision of desalinated water will be billed to support the operation and maintenance of the water service. However, no water service bills will be charged to the public at this time until advised.

·It is the responsibility of the Public Utilities Board to manage the operation and maintenance of desalination plants in South Tarawa.

4. Water, Sanitation and Hygiene program – the Program aims at engaging the broader community across all of South Tarawa and Buota to promote and reinforce a change in existing behaviours related to sanitation, hygiene, menstrual hygiene management, the safe use of water, solid waste management and climate change.

