

# Managing Water Scarcity Through Strengthened Water Resource Management

## TOKELAU

October 2024 Update



### Background

The Water Scarcity project was launched in June 2020 by SPC and MFAT with the participating atoll countries of the Cook Islands, Kiribati, the Republic of the Marshall Islands (RMI), Tokelau and Tuvalu. More recently the raised limestone islands of Nauru, Niue and Tonga joined the project in response to ongoing water scarcity issues experienced. The total project budget is NZD 19,905,105 with a project end-date mid 2025.

The project was conceived with a vision to support the development of sustainable and resilient water systems. It aims to address water-related challenges through integrated and community-driven approaches, empowering local communities to actively participate in the decision-making process.

The implementation of country activities is being carried out through a mixture of implementation modalities including sub-recipient Grants, direct



Communities benefiting **3**



Number of people benefiting **2,222**



Improved drinking water storage volume (m<sup>3</sup>) **520**

### Completed



Investment Plan **1**



Tank repairs **193**



Water asset surveys **1**



Awareness raising events **3**

### Financial Snapshot

Grants Budget (NZD)	\$783,450
Funds paid out	\$722,650
Funds spend	\$656,000

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## Tokelau



Mr Lua Obrien mixing SIKA (Atafu)



Fixing water pump (Nukunonu)



Applying SIKA inside tank (Nukunonu)



Offloading tank of rubber paint



Pumping water out of concrete tanks (Atafu)



Rain Water Harvest gutters and downpipe maintenance

Tokelau is part of the Pacific Partnership for Atoll Water Security and is currently implementing activities from their second subsidiary country Grant agreement with SPC with funding of AUD 608,000. The Department of Economic Development, Natural Resources and Environment (ENDRE) is leading the implementation of the Water Scarcity project in Tokelau.



Partnership is critical in building relationships with other countries, as it elevates ideas and skills sharing that can be beneficial in our operations and development. Inclusion and engagement are key components for the project's success, as getting our community involved boosts their sense of ownership and engagement.

Mrs. Mile Olive Fonua  
 Manager, Tokelau Department of  
 Economic Development and Natural Resource  
 and Environment

# Activity Overview



The project primarily supports repairs to damaged and inadequate household and community rainwater harvesting systems on Fakaofu, Nukunonu and Atafu Islands.

The key activities include:

- Rehabilitate or repair water catchment/storage infrastructure
- Implement water monitoring systems and undertake assessments of water resources

infrastructure

- Deliver training in water infrastructure maintenance and sustainable water use and management
- Develop leakage maintenance plan and deliver associated training of plumbers on sustaining water management systems.

The focus of the activities to date have been under 'Operation Raindrop' where the project team have been undertaking the repairs to household rainwater harvesting systems including gutters and spouting.



During 2023-2024 the project team have now shifted their attention to

completing repair works to concrete community and household storages. In addition the team will work on establishing the pilot monitoring water demand initiative, finalizing the survey of rain water harvesting infrastructure and development of training programs.



Project Website