

EU – NORTH PACIFIC– READINESS FOR EL NIÑO

RENI PROJECT

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Progress Report for 1 January to 30 June 2020
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List of Abbreviations

ACP	Africa, Caribbean and Pacific countries
AVGF	Automatic valveless gravity filter
BPW	Bureau of Public Works, Palau
COVID-19	Corona Virus Disease 2019
CRE-COM	Cooperative Research and Extension Department, College of Micronesia
CRGA	SPC - Committee of Representatives of Governments and Administrations
DECEM	Department of Environment, Climate Change and Emergency Management, FSM
DRM	Disaster Risk Management
EPA	Environmental Protection Agency, Yap State, FSM
EPS	Ecological Purification System
EU	European Union
EUD	European Union – Delegation of the European Union for the Pacific
FSM	Federated States of Micronesia
GCCA: PSIS	Global Climate Change Alliance: Pacific Small Island States project
IOM	International Organization for Migration
LOA	Letter of Agreement
MIOFA	Marshall Islands Organic Farmers Association
NEMO	National Emergency Management Office (Palau)
NGO	Non-governmental organisation
RENI	Readiness for El Niño
R&D	Resources and Development Department, Yap State, FSM
RFP	Request for Proposals
RFQ	Request for Quotations
RMI	Republic of the Marshall Islands
RWH	Rainwater harvesting
ROM	Results Oriented Monitoring
SODIS	Solar disinfection
SPC	Pacific Community
SPC-GEM	Pacific Community Geosciences, Energy and Maritime Division
SPC-GSD	Pacific Community Geoscience Division
SPC-LRD	Pacific Community Land Resources Division
SPC-RRRT	Pacific Community Regional Rights Resource Team
SPC-SDP	Pacific Community Social Development Programme
SPC-SPL	Pacific Community Strategy, Performance and Learning
TNC	The Nature Conservancy
UN	United Nations
UNDP	United Nations Development Programme
WUTMI	Women United Together Marshall Islands

Executive Summary

The European Union (EU) – North Pacific – Readiness for El Niño (RENI) project is about communities working to secure food and water resources ahead of drought. The three-year (2017 - 2020) project is funded with €4.5 million from the EU and implemented by the Pacific Community (SPC) in collaboration with the governments and peoples of the Federated States of Micronesia (FSM), Marshall Islands (RMI) and Palau.

The overall objective of the RENI project is to enhance the resilience of the people of FSM, RMI and Palau to the shocks and insecurities resulting from extreme El Niño events. The specific objective is to strengthen the implementation of a sustainable, multi sectoral, multi stakeholder approach to readiness for future El Niño events. The three key outputs focus on the following: (i) Uptake of key individual and community behaviours that support El Niño resilience; (ii) Local area structural measures to support El Niño resilience building and paying special attention to the rights of women and vulnerable groups in outer islands; and (iii) National measures - institutional, planning and technical – to support readiness for future El Niño events. This report covers the 6-month period 01.01.20 to 30.06.20.

As the RENI project enters the final year of implementation, and during this six-month reporting period, four main project highlights emerged: (i) the community water security measures installed in Kapingamarangi in September 2019 sustained the community with drinking water during the dry months, December 2019 to February 2020, when household water sources ran dry; (ii) the use of an integrated approach in Ailuk, RMI, whereby the growing and consumption of local crops, combined with health checks and regular exercise, is proving beneficial to the community; (iii) the 2019 hydrogeological assessment and the establishment of long term monitoring of the main underground water resource in Yap Proper, RMI, provided useful information to the local water authorities as they attempted to meet water demand during the 2020 drought and for the management of supply during future droughts; and (iv) the adoption of innovative solutions and alternative measures to close the RENI project amidst COVID-19 travel restrictions.

Adaptive measures to close the RENI project amidst COVID-19 travel restrictions include: (i) virtual communications, (ii) substitution of activities, (iii) reliance on the National Coordinators positioned in country, (iv) reliance on national resources and local experts to deliver consultancy services, and (v) factoring reduced shipping schedules into work plans.

Other significant achievements during this reporting period include communication of the project's results and challenges to a wider audience through virtual meetings, videos, publications, posters, and visibility products. Maintenance training, a key recommendation from the 2019 impact assessment, was provided for all measures already installed. In Palau, the absence of a successful tender for the Tabecheding water security measures resulted in the Government of Palau advising the EUD in February 2020 that they wished to be excused from the project.

The COVID-19 pandemic spread across the world in January and February 2020. By early March international travel in the Pacific had come to a halt and organisations such as SPC and the EUD closed their offices for one to three months and staff worked from home. In March 2020, following a review of the RENI project work plan for 2020, SPC decided to complete, replace and downscale the remaining activities and issue all contracts by D+3 (05.07.20) and complete the revised activities by the end of the implementation period (05.11.20). A revised work plan and budget projections were submitted to the EUD and accepted. In April 2020, SPC discussed with EUD the possibility of seeking co-financing from USAID and amending the RENI Delegation Agreement to apply the unspent funds to address the COVID-19 crisis in the North Pacific countries through increased effort towards nutrition and food security. As of the end of this reporting period, discussions are still in progress and no request for an amendment has yet been submitted. (The RENI Annual Report for 2019 had already stated that the final payment of EUR 1,213,231 would not be requested, largely a result of the anticipated non-utilisation of funds by Palau). The expenditure rate as of 30.06.20 for the funds received, and including commitments, is 81%.

1. INTRODUCTION

The European Union (EU) – North Pacific – Readiness for El Niño (RENI) project is about communities working to secure food and water resources ahead of drought. The three-year (2017 - 2020) project is funded with €4.5 million from the EU and implemented by the Pacific Community (SPC) in collaboration with the governments and peoples of the Federated States of Micronesia, Marshall Islands and Palau.

The RENI project is funded under the Pro-Resilience Special Measures in response to food insecurity in Africa, Caribbean, Pacific (ACP) countries under the 11th European Development Fund. The implementation period for the RENI project is from the date of signature of the Delegation Agreement, 6 July 2017, to 5 November 2020.

The overall objective of the RENI project is to enhance the resilience of the people of the Federated States of Micronesia (FSM), Marshall Islands (RMI) and Palau to the shocks and insecurities resulting from extreme El Niño events. The specific objective is to strengthen the implementation of a sustainable, multi sectoral, multi stakeholder approach to readiness for future El Niño events.

The project addresses three key outputs:

- (i) Uptake of key individual and community behaviours that support El Niño resilience;
- (ii) Local area structural measures to support El Niño resilience building and paying special attention to the rights of women and vulnerable groups in outer islands; and
- (iii) National measures - institutional, planning and technical – to support readiness for future El Niño events.

This report covers the 6-month period 1st January – 30th June 2020.

The schematic diagram below shows the project's overall timeframe. The procurement and contracting for the activities was completed by 5th July 2020. Installation of infrastructural measures and implementation of other measures is almost completed, with one major infrastructure measure in Yap Proper awaiting installation when COVID-19 travel restrictions ease. Several smaller activities, which have already been contracted, are scheduled for completion prior to November 2020.



2. SUMMARY OF ACHIEVEMENTS, CHALLENGES, PROJECT ADMINISTRATION AND HUMAN RESOURCES

As the RENI project enters the final year of implementation, and during this six-month reporting period, four main project highlights emerged:

- The community water security measures installed in Kapingamarangi in September 2019 sustained the community with drinking water during the dry months, December 2019 to February 2020, when household water sources ran dry.
- The use of an integrated approach in Ailuk, RMI, whereby the growing and consumption of local crops, combined with health checks and regular exercise, is proving beneficial to the community.
- The 2019 hydrogeological assessment and the establishment of long term monitoring of the main underground water resource in Yap Proper, RMI, provided useful information to the local water authorities as they attempted to meet water demand during the 2020 drought and for the management of supply during future droughts.
- The adoption of innovative solutions and alternative measures to close the RENI project amidst COVID-19 travel restrictions.

These highlights are further described and discussed in the Summary of Achievements below.

2.1 Summary of Achievements, 1 January – 30 June 2020

Advancing the overall objective to enhance the resilience of the people of FSM, RMI and Palau to the shocks and insecurities resulting from extreme El Niño events.

- ✓ The project has made sound progress to advance the overall objective: Using the country-specific Project Design Documents, endorsed in 2018, FSM and RMI have moved into the final implementation phase. In Palau the planned water security measures were not implemented.
- ✓ Implementation of water security activities in FSM is 90% completed. The two environmental purification systems in two communities in Yap Proper have yet to be installed. (This is discussed further under Output 2). Food security activities in RMI are 95% completed, with full completion expected by October 2020.
- ✓ Palau requested to be excused from the RENI project in February 2020, so no water security measures were constructed. The engineering design and the environmental assessment were delivered. (This is discussed further under Output 2).
- ✓ Annex 1 presents the summary timelines showing an overview of all the activities in each country for this reporting period (1 January – 30 June 2020) and the activities still to be completed in the months up to 05.11.20, the end of the implementation period.
- ✓ Table 1 shows the sectors, geographical areas and numbers of direct beneficiaries targeted for on-the-ground measures in each country.

Table 1. Sectors and sites for project activities and number of direct beneficiaries

Country	Sector	Site	No. of direct beneficiaries
FSM		Primary site: Yap Proper, Yap State	773

Country	Sector	Site	No. of direct beneficiaries
	Water security	Secondary site: Kapingamarangi, Pohnpei State	474
RMI	Food security (with some water security activities)	Primary site: Ailuk Atoll	338
		Secondary site: Santo Island – Kwajalein Atoll	680
		Sharing of project activities in Enewetak, Mejit, Wotho and Utrik Atolls	1,524
Palau	Water security	Ngatpang State	282*
*Only the engineering design and environmental assessment were provided for the measures in Palau.			

- ✓ The project is contributing to the Sustainable Development Goals (SDG), and especially SDG 2 (Zero hunger), SDG 3 (Good health and well-being), SDG 6 (Clean water and sanitation), SDG 13 (Climate action), while promoting gender equity and human rights (SDG 5 and SDG 16).
- ✓ The expenditure rate as of 30.06.20 for the funds received (€3,286,769.39), and including commitments, is 81%. The RENI project Annual Report, submitted on 12.02.20, stated that budget projections showed a high likelihood that the third and final tranche would not be requested, in large part due to the challenges faced with implementation in Palau.
- ✓ The spread of the COVID-19 pandemic in the first two months of 2020, and the travel restrictions imposed in the Pacific region resulted in serious problems for the final delivery of the remaining RENI activities.
 - On 10.03.20, SPC requested an extension of D+3 (scheduled for 05.07.20).
 - On 16.03.20, the EUD responded that D+3 could not be extended beyond 05.07.20 without co-financing.
 - On 30.03.20, after review of the 2020 work plan, and after receiving freight cancellations for RENI equipment that had been purchased and was destined for the North Pacific, SPC advised EUD that they would not seek co-financing for continuation of the RENI activities. They would instead close the activities by the end of the implementation period, 05.11.20. A revised work plan was submitted together with projected expenditure up to 05.11.20, attached as Annex 2.
- ✓ Following this decision, the countries were advised accordingly.
- ✓ In April 2020, SPC discussed with EUD the possibility of seeking co-financing from USAID and amending the RENI Delegation Agreement to apply the unspent funds to address the COVID-19 crisis in the North Pacific countries through increased effort towards nutrition and food security. As of the end of this reporting period, discussions are still in progress and no request for an amendment has yet been submitted.

Advancing the specific objective to strengthen the implementation of a sustainable, multi sectoral, multi stakeholder approach to readiness for future El Niño events

- ✓ The RENI project has provided an opportunity for an integrated approach, building on the expertise in SPC's divisions, and addressing food security, water security, health and well-being, climate change and disaster management, and the application of a people-centred approach, which incorporates gender-sensitive and rights-based concepts within a community framework.
- ✓ The third and final steering committee meeting, which was to be combined with lessons learnt and a demonstration of the Ecological Purification (EPS) systems in FSM, was cancelled on 11.03.20 due to the COVID-19 travel restrictions.
- ✓ Lessons learnt meetings have been scheduled for September – October 2020 in Majuro and Yap Proper. These will be led by the National Coordinators and will involve as many national stakeholders as possible. The participants will review the project's activities and discuss "What we would repeat in the same way" and "What we would do differently". Due to the travel restrictions, the Suva project team will not be present. In some ways this may prove to be an advantage in that it allows national stakeholders to discuss the issues more openly.
- ✓ A gender breakdown of the participants involved in training and consultations during the 6-month period covered by this report shows a total of 321 persons involved in 33 training and consultation events. The gender breakdown showed 106 females and 215 males. Many of the training events related to the maintenance of water security measures, hence the preponderance of men involved. Details for each event are included in Section 3 of this report.

Table 2. Number of persons, by gender, participating in training events and consultations, 1 January – 30 June 2020

Country	Number of consultations/training events	Total number of persons involved in trainings and consultations	Number of females	Number of males
FSM	22	261	80	181
RMI	11	60	26	34
Palau				
Total	33	321	106	215

- ✓ The RENI project is using different approaches to achieve sustainability and ensure the continuation of some activities after the project ends. Some examples include:
 - **Assessing the impacts of past projects** and applying the lessons learnt to the implementation of activities in RENI. The results of the 2019 Fais Island community-based impact assessment continue to be used in this reporting period, particularly by involving community members in the construction and maintenance of the community infrastructure measures (a plant nursery in Santo, RMI and water security measures in Yap Proper, FSM). The findings and the methodology for these impact assessments are also being used in the GCCA+ SUPA project.
 - **Building community ownership** in Rumuu community, Yap Proper. The community were consulted on several different occasions over a 16-month period regarding the installation of the EPS system, and after much deliberation, in May 2020, they decided not to go ahead with

the installation. Their views were respected, and a different community was consulted, which agreed to the installation.

- **Linking food security and human health and wellbeing** in Ailuk Atoll, RMI. This integrated approach is contributing to the sustainability of the project activities as community members come to appreciate the health benefits of atoll agriculture for their families.
- **Partnerships with other organisations and projects** in all countries. With the COVID-19 pandemic and the restrictions on travel, the partnerships already established with national and local governments, NGOs and other organisations are proving essential to the completion of activities in country and their continuation after the project ends.

Output 1: Uptake of key individual and community behaviours that support El Niño resilience strengthened

- ✓ The findings from the Fais Island community-based impact assessment (January 2019) continue to be applied to the delivery of water security measures in Yap Proper, FSM and to agricultural activities in RMI. In particular, the community members are involved in every decision, from design to implementation and in the follow-up maintenance.
- ✓ The methodology and the findings were published in the 2019 SPC Results Report under organisational Objectives: “Learning from the past to drive a better future”.



Performance story on the community-based impact assessment in the SPC 2019 Results Report

- ✓ In Kapingamarangi, during the final visit in February 2020, the community were fully involved in the maintenance training and a schedule was established for maintenance. In Yap Proper, community members have been identified for the installation of the EPS systems, this is part of the agreement with the contracting firm. In Ailuk, the community have assisted with the installation of the water security measures and with the installation of the plant nursery in Santo.
- ✓ Education and awareness activities relating to water conservation and drought preparedness have been supported by the RENI project in FSM. In Yap Proper, a local consultant is working with the Tamil Women’s Association to conduct outreach and awareness around water conservation with the Tamil Elementary School students and to conduct an essay competition with all students in Yap Proper. These activities have been somewhat delayed because of COVID-19 school closures, but they will be completed by September 2020.

- ✓ Effecting behavioural change can take many years, however, in RMI a significant start has been made. The help of the Canvasback Wellness Center was sought to help the people living in Ailuk understand and appreciate that improved atoll agriculture results in better nutrition and improved health. It is anticipated this measure will also contribute to the sustainability of the food security measures in RMI after the RENI project finishes. Two visits by Canvasback Wellness Center staff to Ailuk were conducted in January and April 2020 to do basic health checks, combined with exercise and nutrition activities, and cooking classes for women. (A third and final visit is scheduled for August 2020).
- ✓ Communication activities have been a major focus during this reporting period, especially visibility products, videos, posters, publications.

Publications

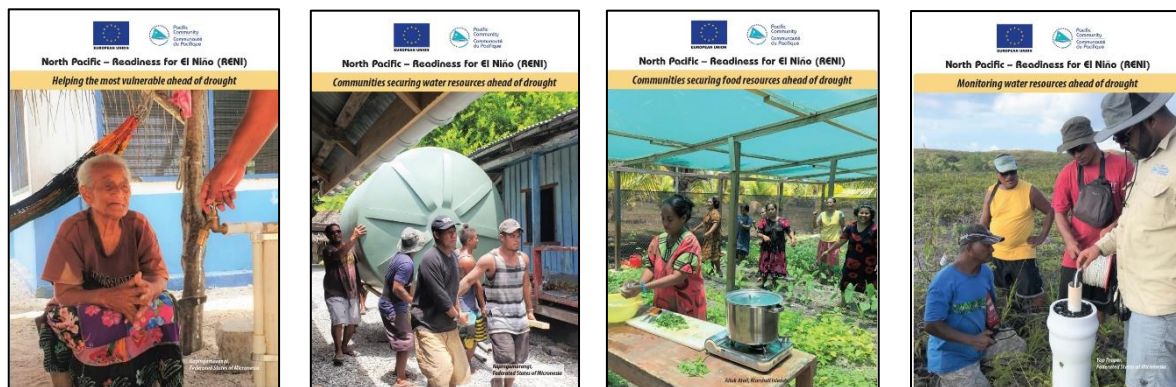
- The overall project factsheet and the three national factsheets were revised in June 2020 to reflect the activities delivered over the course of the project.
- FSM: Technical report “Groundwater resources assessment, Gagil-Tomil, Yap State, FSM.
- RMI: An agricultural booklet “Growing Vegetables in Ailuk Atoll, Republic of Marshall Islands” has been revised to cover all the RMI. It has been printed in English and Marshallese and is ready for distribution.
- RMI: A booklet on “Homemade remedies for pest control and identification of major pests and diseases in RMI” has been prepared and printed in English. This is ready for distribution.
- RMI: A booklet on “Cooking vegetables in RMI” has been prepared and printed in English and Marshallese and is ready for distribution.



Selection of the agricultural booklets prepared for RMI and water publication for FSM

Posters

- Four posters have been prepared and are ready for distribution. (3 feature activities in FSM and one features activities RMI):
 - Helping the most vulnerable ahead of drought (Kapingamarangi, FSM)
 - Communities securing water resources ahead of drought (Kapingamarangi, FSM)
 - Monitoring water resources ahead of drought (Yap Proper, FSM)
 - Communities securing food resources ahead of drought (Ailuk, RMI)



Four posters highlighting project activities

Visibility products

- Bags featuring the message “Save water, save lives” have been prepared and distributed.
- T-shirts have been printed in Yap Proper by the Tamil Women’s Association



Selection of visibility products

Media releases

- Two media releases have been aired in this reporting period:
 - “Women influencing healthy lifestyles while building climate resilience in the Marshall Islands” in May 2020
 - “Assisting Yap State manage water supply during drought” in June 2020
- Uptake of these media releases by other outlets has been monitored, see reports in Annex 5.

Videos

- Video remains the main focus for RENI’s communication products, and to this end:
- A RENI Project video series is available on YouTube:
https://www.youtube.com/playlist?list=PLM-xcq0_623mbvlkLf13ZEdWpvh7MsOim
 “Addressing climate and disaster risk in North Pacific Countries”.

- Four videos had previously been prepared (1. 2013 & 2016 droughts in RMI; 2. Outer island migration; 3. Integrated approaches; and 4. Focusing on the most vulnerable in Kapingamarangi).
- In 2020 one video has been finalised and three are under preparation:
 - FSM: “Understanding the unique challenges of water security in the outer islands of the north Pacific”. (This focuses on the community-based impact methodology). 7.29 mins and available at <https://youtu.be/PbEnlXfILKM>.
 - FSM: “Managing water demand during drought, Yap State, FSM” (in preparation).
 - RMI: “Communities securing food resources and adopting healthy lifestyles: Marshall Islands” (in preparation).
 - Closing video featuring interview with EUD Ambassador and the European Green Deal (in design phase).

Social media

- Social media, including Facebook and Twitter have been used to share project highlights.

Website

- All project documents are on the SPC-GEM website <https://gem.spc.int/projects/reni>

Output 2: Local area structural measures implemented to support El Niño resilience building and paying special attention to the rights of women and vulnerable groups in outer islands

FSM

- ✓ Most of the contracts for the structural measures were issued in 2019. During this reporting period contracts for the materials and installation of the EPS systems and one community rainwater harvesting system in Yap Proper were issued.
- ✓ As a result of the COVID-19 pandemic and the travel restrictions, which came into effect in March 2020, the following activities planned for 2020 in FSM were cancelled:
 - The meeting in Yap Proper for all water stakeholders from the four FSM states and from Palau and RMI to showcase the EPS systems was cancelled.
 - The planned visit by the project engineer and a water engineer from Fiji government to oversee the installation of the EPS systems was postponed (it is hoped this visit can still take place in the implementation reporting period). The sea transportation of the EPS materials has been significantly delayed.
 - The final project regional steering committee planned to be held in Yap State was cancelled.
 - Visit by the SPC hydrogeological team to share the findings of the hydrogeological assessment (Output 3) and install further equipment and a rain gauge was cancelled.
- ✓ Nevertheless, with the help of local partners, especially the Environmental Protection Agency, the Resources and Development Department, and the RENI project National Coordinator, many of the above activities were completed or substitute activities were undertaken.
- ✓ FSM is expanding and re-establishing traditional water storage facilities for use in times of drought. In Yap Proper, the community rainwater harvesting measures in Balabat in Rull Municipality, Kaday Village in Weloy Municipality, Gachpar Village in Gagil Municipality and Tamil Village in Tamil Municipality were completed in 2019 and were inspected in January 2020, after which final payments

were released. Training in maintenance and tools and spare parts were provided to the four communities during the January inspection visit. Schedules were set up for maintenance.



Maintenance training at Tamil Elementary School, Yap Proper, FSM, January 2020

- ✓ Contracts for the low cost, environmentally friendly water treatment method - Ecological Purification System (EPS) were issued in February 2020. However, this coincided with the shut-down in the Pacific due to COVID-19. As a result, some of the materials will not arrive in Yap Proper until August 2020. This may pose problems for completing all activities by the end of the implementation period, 05.11.20. This is discussed further in this report under Challenges.
- ✓ Memoranda of Understanding were signed with the communities of Dugor and Rumuu in 2019 for EPS systems and in January 2020, meetings were held in each community and a physical model of an EPS system was demonstrated.



Demonstration of a physical model of the EPS system for Rumuu community in January 2020

- ✓ There were some concerns about the use of community labour in the installation, but these were resolved in April 2020 and each community provided a letter of confirmation about the EPS system. Unfortunately, in May 2020 the community of Rumuu advised the Project Manager that they had decided not to have the EPS system in their village. An alternative site, Amin, was selected after consultation with community members and this was confirmed in writing by them.
- ✓ A final visit was conducted to Kapingamarangi, FSM, in February 2020 to check on the installation of the community rainwater harvesting systems and transfer them to the community. Again, the Okeanos sustainable sea transport vessel was used to transport the National Coordinator to Kapingamarangi. The community, the Council and others were trained in maintenance and spare parts were provided to the Council. This is especially important in Kapingamarangi, due to its remoteness and the very few scheduled boat arrivals each year.
- ✓ The community advised that during the dry months, December 2019 to February 2020, household tanks and wells had run dry and the community systems installed by the RENI project had supplied the community's drinking water needs. This was confirmed by the Department of Environment, Climate Change and Emergency Management (DECCEM) that as a result of the project's measures they had not needed to ship water to Kapingamarangi. This points to the overall success of the project and particularly its detailed design, e.g. the water systems had been fenced and this helped with water rationing by the key holders during drought.



One of the completed Kapingamarangi water storage systems, fenced and gated, allowing for controlled rationing during drought, February 2020

RMI

- ✓ During 2019, travel to the outer islands of RMI was restricted due to a dengue fever outbreak. The ban was lifted in mid-December 2019. However, at the beginning of March 2020, travel to the RMI by international travellers was stopped due to the COVID-19 pandemic. This situation continued to the end of this reporting period. In addition, many activities within RMI were restricted, e.g. holding of large meetings.

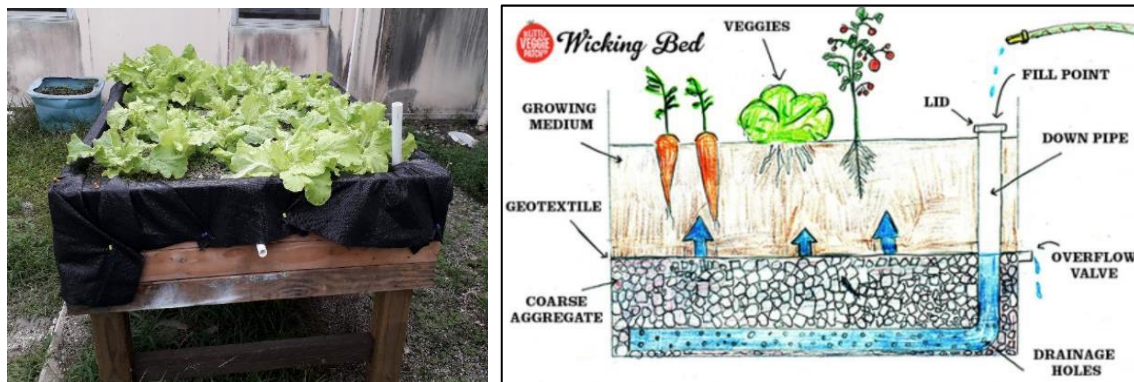
- ✓ As a result, the planned activities to complete the project activities in 2020 had to be revised. This resulted in the cancellation of several activities:
 - The lessons learnt meeting to be held in Ailuk for farmers from six northern atolls was cancelled.
 - The final visit by the agricultural consultant (based in FSM) to Ailuk was cancelled.
 - A visit by the project engineer to provide oversight of the installation of the water security measures in Ailuk, and the construction of the plant nursery in Santo, was cancelled.
 - Visits by the project team to collect final financial documents and hold a lessons learnt meeting in Majuro with project partners was cancelled.
- ✓ Nevertheless, with the help of local partners, and especially the Ministry of Natural Resources and Commerce, Marshall Islands Organic Farmers Association (MIOFA), Women United Together Marshall Islands (WUTMI), Canvasback Wellness Center and the RENI project National Coordinator, most of the project activities have been completed, and in some cases substitute activities were completed.
- ✓ WUTMI are involved in assessing crop pests in the northern atolls of RMI as part of a grant agreement with SPC. Visits to the northern atolls for pest assessments were conducted early in 2019. Subsequent visits to provide training in biological pest control had to be postponed because of the dengue fever and measles outbreaks in 2019 and were further restricted in 2020 by the COVID 19 restriction on large gatherings. During this reporting period, a substitute measure was put in place whereby the mayors and council members from Mejit, Aur, Jaluit, Maloelap and Ailuk who were visiting Majuro were trained in biological control of pests.
- ✓ Through a contract with MIOFA, around 20 home gardens have been established in Ailuk. During this reporting period two visits were made to Ailuk by MIOFA and one visit by the agricultural consultant to provide further training to the agricultural extension agents, farmers, women and youth. (The training is supported by three guides, published in English and Marshallese, and already described under Output 1).



Agricultural activities in Ailuk in 2020: releasing the biological controls (left); one of the winners of the children's pumpkin growing competition (centre); produce from Ailuk (right)

- ✓ To support the agricultural activities in Ailuk, additional rainwater storage facilities (total capacity 28,000 litres) have been constructed at five community buildings (Island Nursery, Airport Building, Island Hospital, United Church of Christ Building, Assembly of God (AOG) Building).
- ✓ An alternative activity was put in place to replace the Farmers Lessons learnt Meeting. A workshop was held in Majuro in March 2020 to demonstrate to government organisations, NGOs and interested

farmers the wicking irrigation system, a water saving alternative to drip irrigation. (It relies on the suction plant systems and their roots create in drawing water from the soil). Following this event, materials for wicking systems for around 20 farms were purchased for distribution by the Ministry of Natural Resources and Commerce.



Wicking system at Majuro Hospital garden in 2020 (left), schematic representation of a wicking system (right)

- ✓ The original project design included the establishment of home gardens in Santo. However, given the situation whereby most of the residents of Santo work at the nearby US Base, there was only marginal interest in this activity. It was replaced with the construction of a nursery at the school in Santo. Construction is in progress with the assistance of the Ministry of Natural Resources and Commerce, labour provided by the community and the RENI project National Coordinator. The expected completion of the nursery is end of July 2020. A team from MIOFA will be visiting Santo in August to establish the nursery and provide training.



Unloading materials in Santo (left); nursery under construction (right) July 2020

Palau

- ✓ The government of Palau selected water security as their sector and prioritised the design and construction of a 30,000 gallons water storage facility on the Tabecheding River, in Ngatpang State. Significant delays in the design, scheduling and costing of this project were experienced. Following procurement by SPC, there was no successful tender. Thereafter there were discussions with SPC and with EUD. On 14.02.20 the Government of Palau advised SPC that they wished to be excused from the RENI project. Table 3 provides the key milestones in the decision-making process; the 2019 milestones are included to give context.

Table 3. Key milestones in the planning of water security measures in Palau, 2019 – February 2020

Date	Milestone
13-22.02.19	The RENI Project Manager and the Project Engineer visited Palau and had three meetings with the Palau RENI Steering Committee to discuss the risks posed by the Tabecheding system. Due principally to the time constraints, and secondly the budget constraints, the Committee was urged to consider a Plan B which would instead include “off the shelf” items. Following the visit, the Committee decided to continue with the Tabecheding system.
01.04.19	Palau representatives delivered the final design documents to the RENI team. (Design work contracted to Palau Bureau of Public Works.)
08.04.19	Following a discussion with Palau representatives, EUD and RENI project team at the RENI Steering Committee in RMI, a formal letter was sent to Palau representatives confirming that SPC would proceed with the procurement for the Tabecheding water system. But if by 30.09.19 there was no formal bid that met the budget and schedule, then the Tabecheding system was beyond the scope of the RENI project, and an alternative plan would be prepared of readily available items.
21.06.19	Request for Proposals (RFP) 19/047 advertised on SPC website with a closing date for bids of 02.08.19.
15.07.19	Pre-bid meeting held in Palau at Bureau of Public Works. The Director of Public Works and the RENI Project Engineer were present, and the SPC Procurement Office joined by phone. Five local contractors were present. The meeting was followed by a site visit.
30.09.19	Following a technical and financial evaluation by the SPC Procurement Committee, the procurement process was closed without awarding a bid on 26.09.19. After discussion with the EUD, the SPC-GEM Director advised Palau RENI Steering Committee on 30.09.19 that in light of this decision, the team would like to discuss alternative plans for purchasing readily available water security/drought mitigation items that could be procured and purchased within the remaining timeframe for the RENI project, up till 30.06.20.
11.10.19	Palau representatives requested an urgent meeting with the RENI Project Manager.
23.10.19	A meeting was held in Nadi between three representatives of the Palau RENI Steering Committee, EUD representative and the RENI Project Manager. Palau representatives were urged to prepare a list of alternative items by 15.12.19, so as to allow sufficient time for their procurement. The follow-up item from the meeting minutes was for the Palau RENI Steering Committee representatives to call a meeting of the RENI Palau Steering Committee on return to Palau on 29.10.19 and advise them of the outcome of this meeting in Nadi, following which they were to advise SPC of their next steps.
18.12.19	RENI Project Manager called the NEMO Coordinator and was advised a formal letter had been sent to the EUD at the end of November 2019.
20.12.19	A formal letter from Palau Vice President requesting that the RENI project support the Tabecheding project was received through email on 20.12.19.
29.01.20	EUD advised Government of Palau by letter that there was insufficient time to relaunch the procurement of the Tabecheding water system and invited Palau to consider funding the system through the GCCA+ SUPA project and alternatively to agree to the procurement of readily available items.
07.02.20	SPC provided Government of Palau with the details of the procurement process that had been undertaken in 2019.
14.02.20	Government of Palau advised SPC that they wished to be excused from the project.

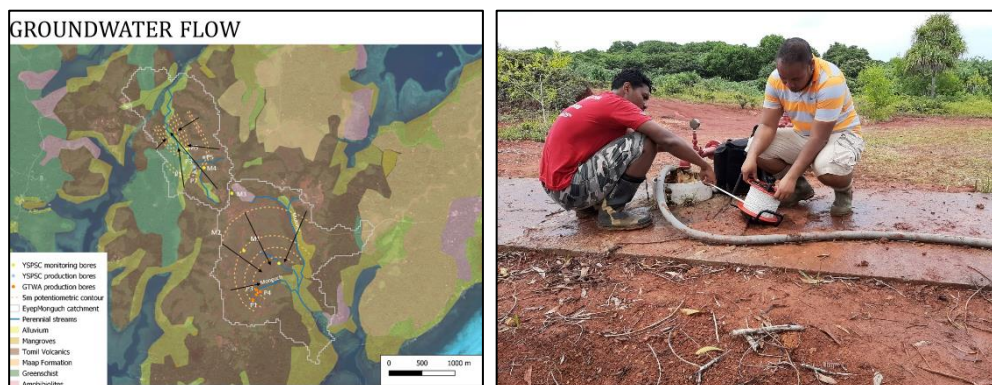
Output 3: National measures - institutional, planning and technical - implemented to support resilience for future El Niño events

- ✓ A hydrogeological assessment of the Tomil-Gagil aquifer in Yap Proper was conducted in 2019 by the SPC-GEM Division. Equipment including water loggers and a rain gauge were purchased and set up in 2020 to assist with the long-term monitoring of the aquifer. The results have been analysed and a technical report published (described under Output 1 Communications).



Downloading the data from the underground water logger, April 2020

- ✓ Instead of a consultation, two virtual meetings were held with government agencies and the Yap Proper water authorities in May and June 2020 to share and explain the findings especially in the context of the drought conditions experienced by Yap Proper over the first five months of 2020. (These events were highlighted in a media release, see Output 1).



*Map showing groundwater flow directions (left),
measurement of conductivity at one of the pumping bores (right) 2020*

- ✓ A further meeting is scheduled with the Yap water authorities and other partners together with the SPC-Water team in August 2020. The objective is to start a discussion about the operationalisation and continuation of the long-term monitoring of the aquifer. The monitoring equipment is now in place and the SPC-Water team are willing to provide support to Yap State to continue analysing and interpreting the data from the water loggers after the RENI project ends. This would assist the water authorities with the management of demand during future dry periods and drought. For this cooperation to be successful, Yap State will need to commit to maintenance of the equipment.
- ✓ Results so far show that the aquifer is capable of meeting demand during normal rainfall, but during extended dry periods and droughts, continuous extraction causes significant stress to the aquifer. The

monitoring information assists the water authorities to balance water demand needs and aquifer limitations through measures such as water conservation and water rationing.

2.2 Challenges

- ✓ The short project timeframe for implementation (3 years and 4 months) is a challenge for any project and especially in the North Pacific. SPC was advised at the start of the implementation period that any extension of the Pro-Resilience Special Measure, of which RENI is a part, was not a possibility. This information was conveyed to the partner countries on many occasions between 2017 to 2019.
- ✓ It was noted in the 2019 progress report that completion of the remaining activities was feasible provided there were no major extreme events or disease outbreaks. Unfortunately, there was a major disease outbreak – the COVID-19 pandemic.
- ✓ The non-delivery of the water security measures in Palau was a major setback for the project and has contributed significantly to the underspending of the project funds.
- ✓ As of the end of this reporting period, there remains one significant water security measure to be completed – that is the installation of the EPS systems in Yap Proper. Shipping of the materials was in progress in March 2020 but has been significantly delayed because of cancellations and changes in shipping schedules. Contracts for the materials and installations were issued before 05.07.20. However, this will be the first installation of an EPS system in the North Pacific islands, and the project has planned since 2019 for oversight of the installation by the Project Engineer and an experienced engineer from the Government of Fiji. (Fiji has successfully installed more than 100 EPS systems). With the continued spread of COVID-19, and the continued restriction of international travel, full installation of the EPS systems before the end of the implementation period, 05.11.20, is unlikely. It may be necessary in the coming months to request an extension of the implementation period.

2.3 Finalisation and Completion of Project Activities

Addressing the challenges of the COVID-19 pandemic

- ✓ The COVID-19 pandemic spread across the world in January and February 2020. By early March 2020 the Pacific Island countries began to close their borders and as a result international travel was restricted, and in some cases too, inter island transport. In addition, organisations such as SPC and EUD closed their offices and staff worked from home.
- ✓ During March 2020, the Suva project team embarked on a detailed project planning exercise, which was influenced to a large extent by several factors:
 - Travel restrictions had been put in place in the North Pacific countries since January 2020 for passengers and cargo.
 - These restrictions were not likely to ease until quarter 3 of 2020 at the earliest.
 - The EUD advised on 16.03.20 that D+3 could only be extended with co-financing.
 - The fragility of the populations residing in the outer islands of the North Pacific and especially their very limited access to health care.
 - Health and safety of the project team.
- ✓ Against this background, on 24.03.20, SPC decided to complete, replace and downscale the remaining activities and issue all contracts by D+3 (05.07.20), and complete the revised activities by the end of

the implementation period (05.11.20). This advice, together with a revised work plan and budget projection was submitted to EUD and is shown in Annex 2.

- ✓ With the help of national partners, both government and non-government, and the project's National Coordinators in the three countries, measures were put in place to substitute alternative activities to replace those that could not be completed due to the travel restrictions.

FSM

- The National Coordinator conducted the final training in maintenance and the hand-over of assets in Kapingamarangi.
- The SPC-GEM team provided virtual guidance to the National Coordinator to install the rain gauge in the Tomil-Gagil aquifer.
- The in-person meeting to share the results of the hydrogeological assessment was conducted through two virtual meetings.
- The National Coordinator consulted with the communities in Dugor, Rumuu and Amin concerning the placement of the EPS.
- The National Coordinator will lead the national lessons learnt meeting (scheduled for September/October 2020).

RMI

- The farmers lessons learnt meeting in Ailuk was replaced with the purchase of materials for the wicking irrigation systems for 20 farmers.
 - The final visit for the agricultural consultant to Ailuk was replaced with the preparation of a booklet guide on "Homemade remedies for pest control and identification of major pests and diseases in RMI".
 - Instead of WUTMI visiting the outer islands, a training on biological pest control was held in Majuro for the mayors and councilmen of the outer islands.
 - Planned activities for Santo were replaced with the construction of a plant nursery overseen by the National Coordinator and the Ministry of Natural Resources and Commerce.
 - The National Coordinator will lead the national lessons learnt meeting (scheduled for September/October 2020).
- ✓ These substitutions required a significant amount of additional planning and scheduling.
 - ✓ Other measures used to address the travel restrictions included the expanded use of air courier services to deliver materials to the countries on time.
 - ✓ As of the time of writing, 31.07.20, it is becoming increasingly unlikely that international air travel will be possible in 2020.
 - ✓ In April 2020, SPC discussed with EUD the possibility of seeking co-financing from USAID and amending the RENI Delegation Agreement to apply the unspent funds to address the COVID-19 crisis in the North Pacific countries through increased effort towards nutrition and food security. As of the end of this reporting period, discussions are still in progress and no request for an amendment has yet been submitted. (The RENI Annual Report for 2019 had already stated that the final payment of EUR 1,213,231 would not be requested, largely a result of the non-utilisation of funds by Palau).

2.4 Project Administration and Human Resources

The log frame as presented in the Delegation Agreement remains the guide for project implementation and is presented as Annex 3. A risk matrix and an exit strategy have been prepared and were discussed at the 2nd Steering Committee Meeting in 2019. Detailed procurement plans for each 6-month period are prepared and regularly updated. Plans for the integration of a gender-sensitive/rights-based approach are integrated into the Project Design Document for each country. Work plans and milestone for each country were endorsed at the 2nd Steering Committee Meeting.

The three national coordinators have provided invaluable help with the implementation of activities. These coordinators are SPC staff and are placed in national government offices:

- ✓ FSM: Placement shared between Yap State Environmental Protection Agency and Yap State Department of Resources and Development
- ✓ RMI: Ministry of Natural Resources and Commerce
- ✓ Palau: National Emergency Management Office

The following table lists the project team as of 30.06.20.

Position	Position holder	Date of commencement
Project Manager	Gillian Cambers	01.08.17
Project Finance Officer	Swastika Raju	13.11.17
Communications and Liaison Officer	Zhiyad Khan	01.11.17
Project Engineer	Fakasao Tofinga	12.03.18
Short-term Finance and Administrative Assistant	Sonika Goundar	01.08.19
FSM National Coordinator	Sean Kadannged	08.07.18
RMI National Coordinator	Newton Ira Lajuan	24.09.18
Palau National Coordinator	Patrick Maurice Termeteet	24.11.18

Since November 2017, the project core team met regularly, depending on travel commitments, to coordinate project activities and review overall project progress.

The RENI project is housed in the SPC GEM Division and specifically within the Disaster and Community Resilience Programme. (In 2017 the former Geosciences Division and the Economic Development Division were merged to form the Geosciences, Energy and Maritime Division). Activities are planned and delivered in close collaboration with the SPC Micronesia Regional Office.

Joint management of the RENI project and the GCCA+ SUPA project

Two of the GCCA+ SUPA PMU positions are shared across the GCCA+ SUPA project and the RENI project: Project Manager and the Communication Officer positions. This is a pilot arrangement for SPC in the management and implementation of EU-funded projects.

To date there have been some significant benefits, which are described below:

- ✓ *Fast-tracking new GCCA+ SUPA activities:* Having experience and up-to-date knowledge of government and private sector administration in the North Pacific countries through the RENI project has helped fast-track GCCA+ SUPA activities in these countries, e.g. at the end of 2019, RMI was the

country which was well ahead of the other countries in GCCA+ SUPA, having a signed Project Design Document in place, a service contract in place and a significant consultancy contract awarded.

- ✓ *Early recruitment and early communications branding for the GCCA+ SUPA project:* Having the two shared positions in place at the commencement of the GCCA+ SUPA project allowed for (i) the rapid recruitment of GCCA+ SUPA project team members and (ii) the development of distinct GCCA+ SUPA project branding from the very beginning.
- ✓ *Country visits address the needs of both projects:*
 - RENI missions to FSM, RMI and Palau have facilitated the advancement of GCCA+ SUPA activities, and vice versa. This represents significant money and time saving for the two projects.
 - RMI was not represented at the GCCA+ SUPA Inception and Planning Meeting in March 2019, however a separate RENI mission to the Marshall Islands in April 2019 provided an opportunity to hold a GCCA+ SUPA consultation in Majuro.
- ✓ *Joint activities across the two projects:* The design and testing of the community-based impact assessment methodology and the application of the findings under the RENI project has provided valuable information for the GCCA+ SUPA project. Under the GCCA+ SUPA project, plans are in place for 15 community-based impact assessments between 2020 and 2022 using the methodology developed in the RENI project.

2.5 Final Evaluation and Audit

The terms of reference for the final external evaluation were agreed with EUD in June 2020. This will be remotely implemented because of the travel restrictions due to COVID-19. Quotations will be requested in July and it is anticipated the evaluation will cover the two-month period, September to October, 2020.

The final audit will be conducted towards the end of 2020.

3. REVIEW OF PROGRESS AND PERFORMANCE

The following description of progress and activities is presented using the log frame (version 1 and presented as Annex 3).

The Delegation Agreement contains (i) a work plan for the inception phase (6 months of 2017) and January – December 2018, and (ii) a work plan for the duration of the action. The work plan for the period April 2019 to June 2020 was endorsed at the Second Steering Committee meeting in April 2019. These work plans are used as the basis for the planned activities listed below.

3.1 Description of Activities 1 January to 30 June 2020

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
Overall objective: To enhance the resilience of the people of FSM, Marshall Islands and Palau to the shocks and insecurities resulting from extreme El Niño events.		
Reduction in cost to address future severe El Niño events in selected sectors and areas	Detailed under outputs	Detailed under outputs
Capacity of national stakeholders to address climate and disaster risk strengthened		
Performance and success indicators from log frame	Planned activities for January to June 2020	Progress January – June 2020
Specific objective: To strengthen the implementation of a sustainable, multi-sectoral, multi stakeholder approach to readiness for future El Niño events.		
Number of mechanisms to involve the private sector in readiness and resilience building for El Niño events trialled	Detailed under outputs	Detailed under outputs
Number of women and vulnerable persons with enhanced decision-making and governance skills		
Number of plans/training modules prepared to expand the		

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
behavioural/rights-based/gender sensitive approach to El Niño readiness beyond the target communities		
<p>Key behaviours identified to strengthen readiness for future El Niño events</p> <p>Education and awareness activities designed and implemented to trigger sustainable uptake of the key behaviours</p> <p>Lessons learned about readiness for future El Niño events shared</p>	<p>Output 1</p> <p>Uptake of key individual and community behaviours that support El Niño resilience strengthened</p>	
	1.1 Consultations to identify key behavioural change	
	<p>Conduct local area consultations and assessments in three countries</p> <p>Identify and advance required behavioural changes</p>	<ul style="list-style-type: none"> Local area consultations and assessments were undertaken 2017-2018. Sectors, Concept Notes and Project Design Documents designed and endorsed in 2018. Activity and budget lines in the Project Design Documents updated and revised in 2019 as implementation proceeds. FSM: The methodology from the Fais Island community-based impact assessment was shared with the GCCA+ SUPA project, particularly relating to the delivery of Output 1. This methodology was shared as a performance story at the SPC Learning and Results Workshop in November 2019, and has been included in the 2019 SPC Results Report “Learning from the past to drive a better future”. A video has been prepared on this community-based impact assessment “Understanding the unique challenges of water security in the outer islands of the North Pacific” and is available at https://youtu.be/PbEnlXfILKM The main findings relate to the need to involve local community members in the installation of community-based water security measures and for more attention to be placed on maintenance.

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
		<ul style="list-style-type: none"> These findings have been applied in this reporting period as follows: <ul style="list-style-type: none"> Inclusion of local community members in the installation of rainwater harvesting systems in Yap Proper (Welay Community Building, Gagil Elementary School, Balabat Community Hall and Tamil Elementary school.) (F=4, M=16) Consultations were held with community members in Dugor, Rumuu and Amin in Yap Proper in January, April and May 2020 to present and discuss the ecological purification systems and invite the involvement of the community in installation (F=0, M=50). In Kapingamarangi, a consultation and informal handover was held in February 2020, with the local government (F=0, M=8) and with the community (F=50, M=50). RMI: So as to contribute to the sustainability of the food security measures in RMI and behavioural change after the RENI project finishes, involvement of the Canvasback Wellness Center has been sought, such that people in Ailuk will understand that improved atoll agriculture results in better nutrition and improved health. 2 visits by Wellness Center staff to Ailuk were conducted in January and April 2020 to do basic health checks, combined with exercise and nutrition activities, and cooking classes for the women. 35 people participated (F=18, M=17). A 3rd and final visit is scheduled for August 2020.
	1.2 Training for women and vulnerable groups in good governance	
	<p>Include women and vulnerable groups in local area consultations and assessments</p> <p>Provide training and review progress in applying gender-sensitive/rights-based approach</p>	<ul style="list-style-type: none"> Extensive consultations conducted in 2017, 2018 and 2019 Consultations already addressed in 1.1 above Already undertaken in 2019
	1.3 Design and implement education and awareness activities	

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
	<p>Implement the Communications targets as contained in the Communications Action Plan for 2019; these cover branding, awareness, online visibility, multimedia products, workshops and events.</p> <p>Provide training for national partners in communications</p>	<ul style="list-style-type: none"> • FSM: Technical report “Groundwater resources assessment, Gagil-Tomil, Yap State, FSM. • RMI: An agricultural booklet “Growing Vegetables in Ailuk Atoll, Republic of Marshall Islands” has been revised to cover all RMI. It has been printed in English and Marshallese and is ready for distribution. • RMI: A booklet on “Homemade remedies for pest control and identification of major pests and diseases in RMI” has been prepared and printed in English. This is ready for distribution. • RMI: A booklet on “Cooking vegetables in RMI” has been prepared and printed in English and Marshallese and is ready for distribution. • Four posters have been prepared and are ready for distribution. (3 feature activities in FSM and one features activities RMI): <ul style="list-style-type: none"> ○ Helping the most vulnerable ahead of drought ○ Communities securing water resources ahead of drought ○ Monitoring water resources ahead of drought ○ Communities securing food resources ahead of drought • Bags featuring the message “Save water, save lives” have been prepared and distributed. • Two media releases have been aired: “Women influencing healthy lifestyles while building climate resilience in the Marshall Islands” in May 2020, and “Assisting Yap State manage water supply during drought” in June 2020. Uptake of these media releases by other outlets has been monitored. • Video remains the main focus for RENI’s communication products, and to this end: <ul style="list-style-type: none"> ○ A RENI Project video series is available on Youtube: https://www.youtube.com/playlist?list=PLM-xcq0_623mbvklLfl3ZEdWpvh7MsOim “Addressing climate and disaster risk in North Pacific Countries”. ○ Four videos had previously been prepared (1. 2013 & 2016 droughts in RMI; 2. Outer island migration; 3. Integrated approaches; 4. Focusing on the most vulnerable in Kapingamarangi). ○ Four videos have been prepared and/or are under preparation: <ul style="list-style-type: none"> ➤ FSM: “Understanding the unique challenges of water security in the outer islands of the North Pacific”. (This focuses on the community-based impact methodology). 7.29 mins and available at https://youtu.be/PbEnlXfILKM

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
		<ul style="list-style-type: none"> ➤ FSM: “Managing water demand during drought, Yap State, FSM” (in preparation). ➤ RMI: “Communities securing food resources and adopting healthy lifestyles: Marshall Islands” (in preparation). ➤ Closing video featuring interview with EUD Ambassador and the European Green Deal. (in design phase). • Social media has been used to share project highlights. • All project documents are on the SPC-GEM website https://gem.spc.int/projects/reni
	1.4 Hold lessons learned meeting and three steering committee meetings	
	<p>Hold 3rd and final Steering Committee Meeting</p> <p>Compile lessons learnt on an ongoing basis and share with partners as opportunities arise</p>	<ul style="list-style-type: none"> • Plans were underway to hold the final steering committee meeting in combination with a sharing of lessons learnt in May 2020, however, with the COVID-19 travel restrictions that came into effect in March 2020, this meeting was cancelled. • One-day national meetings to share lessons learnt have been planned for FSM and RMI in September-October 2020. The Suva-RENI team are unlikely to be able to attend because of travel restrictions. • Plans are underway for August to September to hold a series of virtual meetings to share experiences with EUD (one meeting), diplomatic representatives based in Suva for the three countries (3 separate meetings) and colleagues in SPC based in GEM, LRD, RRRT/SDP divisions (3 separate meetings).
<p>Structural measures designed and implemented for El Niño resilience building</p> <p>Activities designed and implemented by women and vulnerable groups</p> <p>Local area/sector plans revised to include monitoring and maintenance</p>	<p>Output 2</p> <p>Local area structural measures implemented to support El Niño resilience building and paying special attention to the rights of women and vulnerable groups in outer islands</p>	
	2.1 Review existing interventions and consultations to identify and design structural measures	
	Review existing interventions and consultations to identify and design structural measures	<ul style="list-style-type: none"> • Project Design Documents finalised and accepted for FSM, RMI and Palau in 2018. • Palau:

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
		<ul style="list-style-type: none"> ○ 29.01.20 - EUD advised Government of Palau by letter that there was insufficient time to relaunch the procurement of the Tabecheding water system and invited Palau to consider funding the system through the GCCA+ SUPA project and alternatively to agree to the procurement of readily available items. ○ 07.02.20 - SPC provided Government of Palau with the details of the procurement process that had been undertaken in 2019. ○ 14.02.20 - Government of Palau advised SPC that they wished to be excused from the project.
	2.2 Identify and design parallel activities for women and vulnerable groups	
	Based on the local area consultations and in parallel with the structural measures, identify and design activities in which women and vulnerable groups can take a leadership role	<ul style="list-style-type: none"> • FSM: Yap Proper, the consultant is assisting the Tamil Women's Association plan and implement water conservation education and awareness activities for the Tamil Elementary School and for an island wide essay competition. The activities, planned for January to June 2020, had to be postponed due to the COVID 19 pandemic when schools were closed. Even when the schools opened, they were advised to focus on core curriculum work. The activities have been rescheduled for the start of the school year in September 2020. • RMI: WUTMI are assessing crop pests in the northern atolls of RMI as part of a grant agreement with SPC. Activities had to be postponed because of the dengue fever and measles outbreaks in 2019 and were further restricted in 2020 by the COVID-19 restriction on large gatherings. The outer island visits were replaced by a consultation in Majuro on the biological control of pests for councilmen and mayors from Mejit, Aur, Jaluit, Maloelap and Ailuk (F=3, M=9). • RMI: MIOFA have been contracted to establish women's home gardening in Ailuk and Santo atolls. Two trips were made to Ailuk in January and April 2020 and a final visit is scheduled for August 2020. • Palau: No specific women's activities have been requested or designed in Palau. Palau wished to have all the funds focused on the Tabecheding water system.
	2.3 Implement structural and parallel measures	
	Procure goods and services and install structural measures and parallel measures for women and vulnerable groups	<ul style="list-style-type: none"> • FSM: Yap Proper: The installation of the four community rainwater harvesting systems at (1) Community House at Kaday Village, Weloy Municipality; (2) Gagil Elementary School, Gachpar Village, Gagil Municipality; (3) Community House at Balabat Village, Rull Municipality; and (4) Tamil Elementary School, Tamil Municipality, in December 2019 were completed and signed off by the Project Engineer during his visit in January 2020. Training in maintenance was also

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
		<p>provided – see 2.4. (The fifth rainwater harvesting system at the Women’s Community Centre in Tamil Municipality is to be completed under a separate contract in 2020).</p> <ul style="list-style-type: none"> • FSM: Yap Proper: The contracts for materials and installation of the Ecological Purification Systems (EPS) in Rumuu (replaced by Amin community) and Dugor communities have all been issued and materials are in storage or en route to Yap. Installation is pending final delivery in July 2020 and a visit by the Project Engineer to provide oversight. Due to the COVID-19 pandemic this visit may not be feasible. • FSM: Yap Proper: Change of site for EPS systems: MOUs were signed with the communities of Dugor and Rumuu in 2019 for EPS systems. In January 2020, meetings were held in each community and a physical model of an EPS system was demonstrated. There were some concerns about the use of community labour in the installation, but these were resolved in April 2020 and each community provided a letter of confirmation about the EPS system. Community consultations were held (F=4, M=16). In May 2020 the community of Rumuu advised the Project Manager that they had decided not to have the EPS system in their village. An alternative site, Amin, was selected after consultation with community members and this was confirmed in writing. • FSM: Kapingamarangi: A final visit was conducted in February 2020 to check on the installation of the community rainwater harvesting systems and transfer them to the community. Again, the Okeanos sustainable sea transport vessel was used to transport the National Coordinator to Kapingamarangi. Training in maintenance was also provided – see 2.4. • RMI: Three agricultural extension agents are still employed in Ailuk (2) and Santo (1) and the RENI project will continue to support their employment until October 2020 under a grant agreement, after which the government of RMI will be responsible for their salary. • RMI: Ailuk: Community rainwater harvesting systems (total capacity 28,000 litres) have been installed at five community buildings (Island Nursery, Airport Building, Island Hospital, United Church of Christ Building, Assembly of God (AOG) Building) to provide additional water for the nursery and the agricultural activities. • RMI: Ailuk: One visit was conducted by the agricultural consultant in January 2020 to provide further training. There were 13 participants during the week (F=5, M=8). The fourth and final visit by the consultant, scheduled for April and to coincide

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
		<p>with the Farmers Lessons learnt Meeting had to be cancelled due to the COVID-19 travel ban.</p> <ul style="list-style-type: none"> • RMI: An alternative activity to replace the 4th visit to Ailuk was the preparation of a booklet on “Homemade remedies for pest control and identification of major pests and diseases in RMI”. • RMI: An alternative activity was put in place to replace the Farmers Lessons Learnt Meeting in Ailuk. This consisted of procurement and purchase of materials for the Ministry of Natural Resources and Commerce for the establishment of bucket irrigation and wicking systems for around 20 farms. (A wicking irrigation system is an alternative to drip irrigation. It relies on the suction plant systems and their roots create in drawing water from the soil.) • RMI: Santo: The original project design included the establishment of home gardens in Santo. However, given the situation whereby most of the residents work at the nearby US Base, there was only marginal interest in this activity. It was replaced with the establishment of a nursery at the school in Santo, which is under construction and will be completed by the end of July 2020. • Palau: Activities have already been described under 2.1. • A Grant Agreement with NEMO was signed in January 2019, to provide support to NEMO for several support activities. Office equipment and other support has been provided under this grant in the reporting period.
	2.4 Design and implement measures involving the private sector	
	Design and implement measures involving the private sector	<ul style="list-style-type: none"> • FSM: Consultations with the four utility companies in Yap Proper (Maap Water Authority, Tamil-Gagil Water Authority, Southern Yap Water Authority and the Yap State Public Service Corporation) have continued and are described under 3.3. • 1 local consultant continues work to guide Tamil Woman’s Association the implementation of community water conservation measures. • Local contractor in Yap contracted to install the four community-rainwater harvesting systems completed in January 2020 and to install the EPS systems (installation still pending). • RMI: Agricultural training, establishment of home gardening and pest assessment work in Ailuk and Santo continued to be conducted in partnership with MIOFA, WUTMI and Taiwan Technical Mission.

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
		<ul style="list-style-type: none"> Cooperation with the Canvasback Wellness Center to conduct health and wellness activities in Ailuk (see 1.1) in January and April 2020, with a 3rd and final visit scheduled for July 2020. Local contractor installed the rainwater harvesting systems in Ailuk.
	2.5 Conduct technical training in monitoring & maintenance	
	Conduct technical training in monitoring and maintenance	<ul style="list-style-type: none"> FSM: Kapingamarangi: Training in maintenance and a checklist given to the 2 Public Works representatives, 7 Council members, and 10 community members (F=1, M=18). Spare parts and repair kits handed over. (This was the second training in maintenance, the first being provided after installation in September 2019). FSM: Yap Proper: Training in maintenance given in January 2020 to community representatives at Kaday Village, Weloy Municipality; Gachpar Village, Gagil Municipality; Balabat Village, Rull Municipality; and Tamil, Tamil Municipality. The training was supported with a checklist and the handover of spare parts and repair kits. 48 people were trained (F=20, M=28).
<p>A multi-sectoral approach to El Niño readiness building initiated and/or strengthened</p> <p>Sector plans strengthened to build resilience and empower vulnerable groups</p> <p>Technical tool or study developed/undertaken to address El Niño-related information gaps in local resource knowledge base in outer islands</p>	Output 3 National measures -institutional, planning and technical - implemented to support resilience for future El Niño events	
	3.1 Review El Niño readiness and approaches in policies and plans (national, sub-national and island level)	
	Review El Niño readiness and approaches in policies and plans (national, sub-national and island level) and identify gaps	<ul style="list-style-type: none"> No new activity in this reporting period.
	3.2 Consultations and TA to design/strengthen policies/plans	

Performance and success indicators from log frame	Planned activities for January – June 2020	Progress January to June 2020
	Consultations and TA to design/strengthen policies/plans	<ul style="list-style-type: none"> No new activity in this reporting period.
	3.3 Consultations and TA to address information gaps	
	Consultations and TA to address information gaps	<ul style="list-style-type: none"> FSM Yap Proper: The results from the 2019 groundwater assessment have been analysed and a technical report “Groundwater resources assessment, Gagil-Tomil, Yap State, FSM” has been prepared and is in the printing stage. The findings were presented on 29.04.20 via a virtual meeting with government representatives (F=2, M=2). Following this, the findings were presented to a virtual meeting of water authority representatives and government representatives on 13.05.20 (F=3, M=9). Discussions focused around ongoing issues with water supply during the ongoing drought. Underground water loggers were installed in 2019, and the monitoring data from these loggers is providing useful information regarding fluctuations in underground water levels over time. A rain gauge has also been installed in the Tomil aquifer, which also provides important data for the management of extraction from the aquifer.
	3.5 TA to prepare a plan to expand the behavioural/ gender sensitive/ rights-based approach beyond target communities	
	Prepare a plan to expand the behaviour/ gender sensitive/ rights-based approach beyond target communities	<ul style="list-style-type: none"> RMI: Linking atoll agriculture to improved health and wellness is being targeted as an example of a behavioural change approach for the RENI project. This approach is being scaled up through GCCA+. SUPA project in Majuro and Jaluit Atolls: “Lifestyle changes and climate resilience in RMI”. The RENI project experiences in applying a gender-sensitive/rights-based approach have been shared with other projects in SPC, including the EU-FSM-EDF 11 Sustainable Energy and Accompanying Measures, and SPC’s preparation of a “People Centred Approach” Strategy. Further the RENI project experiences have contributed to the development of the PLANET Checklist for development projects.

3.2 Indicative Financial Report 6 July 2017 – 30 June 2020


The second financing instalment of €1,508,111.39 was received on 02.12.19.

An external financial audit was undertaken for the period 06.07.17 to 30.06.19, which did not detect any errors. This was submitted to EUD with the 2019 Annual Report.

The overall indicative statement of income and expenditure for the period 6 July 2017 to 30 June 2020 is shown in Table 4. As of 30.06.20, the total expenditure after commitments was €2,676,728.98. This represents an expenditure rate, with commitments, based on overall budget of 59%.

On 16.04.18, SPC was advised by EUD that financial reporting was required for the overall project amount of €4.5 million and that, in addition, country allocations had to be respected, FSM - €1.800 million, RMI - €1.575 million, Palau - €1.125 million. Discussions have been held with EUD regarding the challenges this poses when delivering a regional project. To comply with this requirement, Annex 4 shows the Indicative Statement of Income and Expenditure for each country.

The 2019 Annual Report stated that as of 31.12.19, and the presumption that Palau would not be in a position to purchase alternative items, it was not anticipated that SPC will make a request for a third and final instalment.

	SPC	EU - NORTH PACIFIC - READINESS FOR EL NIÑO PROJECT - RENI									
	PRIVATE MAIL BAG, SUVA , FIJI	INDICATIVE STATEMENT OF INCOME AND EXPENDITURE									
	TELEPHONE: (679) 3370 733	FOR THE PERIOD 6TH JULY 2017 TO 30TH JUNE 2020									
	FAX: (679) 3370 021										
DONOR AGENCY		: EUROPEAN UNION									
PROJECT TITLE		: EU - North Pacific - Readiness for El Niño Project									
CRIS NUMBER		: FSM FED/2016/39693, RMI FED/2016/39692, PAL FED/2016/39694									
SPC REFERENCE NUMBER		: J00073									
REPORTING CURRENCY		: EURO									
INCOME		INCOME PERIOD									
		21/08/2017	2018	4/12/2019	2020	TOTAL INCOME					
Funds Received		1,778,858.00	-	628,279.75	-	2,407,137.75					
		-	-	879,631.64	-	879,631.64					
		1,778,858.00	0	1,507,911.39	0	3,286,769.39					
PROJECT BUDGET LINE		General budget	Year 1 & 2 Budget	EXPENDITURE PERIOD			TOTAL ACTUAL EXPENDITURE	COMMITMENTS	TOTAL EXPENDITURE AFTER COMMITMENTS	BUDGET AVAILABLE (based on Overall budget)	EXPEND. RATE (based on Overall Budget)
				6/07/2017 to 31/12/2018	1/01/2019 to 31/12/2019	1/01/2020 to 30/06/2020					
DIRECT COST											
1. Project Team											
Project Manager		443,540.00	391,580.00	151,578.24	56,296.22	37,560.95	245,435.41	-	245,435.41	198,104.59	55%
Engineer		265,898.00	265,898.00	62,351.31	83,591.12	35,953.76	181,896.19	-	181,896.19	84,001.81	68%
Project Finance Officer		338,269.00	217,458.00	29,520.90	53,340.83	31,483.28	114,345.01	-	114,345.01	223,923.99	34%
Communications & Liaison Officer		241,688.00	215,191.00	55,396.21	26,310.77	18,866.74	100,573.72	-	100,573.72	141,114.28	42%
Office equipment costs		50,000.00	45,000.00	12,527.17	5,265.21	6,508.86	24,301.24	2,218.54	26,519.78	23,480.22	53%
Office consumables		58,000.00	46,000.00	4,770.78	5,061.20	1,316.05	11,148.03	3,384.82	14,532.85	43,467.15	25%
Evaluations & audits		80,413.00	20,000.00	-	2,855.36	-	2,855.36	-	2,855.36	77,557.64	4%
Sub-total I: Project team		1,477,808.00	1,201,127.00	316,144.61	232,720.71	131,689.64	680,554.96	5,603.36	686,158.32	791,649.68	46%
Output 1: Uptake of behaviours to support El Nino resilience											
National & local-based consultations; gender & rights-based training; recruitment & payment of project officers/national coordinators		321,850.00	300,000.00	59,321.30	130,046.15	50,822.49	240,189.94	53,678.51	293,868.45	27,981.55	91%
Education and awareness and visibility		133,000.00	100,000.00	2,100.44	4,354.08	-	6,454.52	24,969.32	31,423.84	101,576.16	24%
Sharing of results & lessons learnt		187,500.00	125,000.00	51,250.59	41,196.96	-	92,447.55	1,437.18	93,884.73	93,615.27	50%
Travel for project team to implement activities in country		117,336.00	100,860.00	53,992.56	1,099.82	23,674.11	78,766.49	2,096.62	80,863.11	36,472.89	69%
Sub total II: Output 1 Uptake of behaviours to support El Nino resilience		759,686.00	625,860.00	166,664.89	176,697.01	74,496.60	417,858.50	82,181.63	500,040.13	259,645.87	66%
Output 2: Structural measures to support El Nino resilience											
Structural on-the-ground measures		1,258,110.00	840,963.39	114,655.74	273,288.25	251,110.47	639,054.46	296,455.80	935,510.26	322,599.74	74%
Parallel "soft engineering" measures		40,000.00	18,000.00	-	2,081.78	13,001.67	15,083.45	1,462.06	16,545.51	23,454.49	41%
Monitoring and maintenance		15,000.00	12,000.00	-	-	-	-	-	-	15,000.00	0%
Visibility		34,000.00	25,000.00	-	2,089.32	29,518.55	31,607.87	688.54	32,296.41	1,703.59	95%
Travel for project team to implement activities in country		100,063.00	50,000.00	20,049.46	79,749.55	-	99,799.01	-	99,799.01	263.99	100%
Sub-total III: Output 2 Structural measures to support El Nino resilience		1,447,173.00	945,963.39	134,705.20	357,208.90	293,630.69	785,544.79	298,606.40	1,084,151.19	363,021.81	75%
Output 3: Planning and technical measures to support El Nino readiness											
Local level disaster risk plans enhanced		70,453.00	70,000.00	12,012.68	14,457.95	-	26,470.63	-	26,470.63	43,982.37	38%
National and/or sector plans enhanced		100,000.00	70,000.00	-	28,227.90	-	28,227.90	-	28,227.90	71,772.10	28%
Technical studies to address applied research gaps		100,000.00	80,000.00	5,470.68	80,975.22	16,527.44	102,973.34	-	102,973.34	(2,973.34)	103%
Visibility		33,000.00	30,000.00	-	-	-	-	-	-	33,000.00	0%
Travel for project team to implement activities in country		90,900.00	45,000.00	-	32,888.09	65,672.86	98,560.95	335.17	98,896.12	(7,996.12)	109%
Sub-total IV: Output 3 Planning and technical measures to support El Nino readiness		394,353.00	295,000.00	17,483.36	156,549.16	82,200.30	256,232.82	335.17	256,567.99	137,785.01	65%
TOTAL DIRECT COSTS		4,079,020.00	3,067,950.39	634,998.06	923,175.78	582,017.23	2,140,191.07	386,726.56	2,526,917.63	1,552,102.37	62%
INDIRECT COST											
Project Management (7%)		285,531.00	218,819.00	44,447.84	64,622.30	40,741.21	149,811.35	-	149,811.35	135,719.65	52%
Contingencies (3.3%)		135,449.00	-	-	-	-	-	-	-	135,449.00	0%
TOTAL INDIRECT COSTS		420,980.00	218,819.00	44,447.84	64,622.30	40,741.21	149,811.35	-	149,811.35	271,168.65	36%
TOTAL		4,500,000.00	3,286,769.39	679,445.90	987,798.08	622,758.44	2,290,002.42	386,726.56	2,676,728.98	1,823,271.02	59%
BALANCE OF FUNDS AFTER COMMITMENT AS AT 30TH JUNE, 2020											
PERCENTAGE OF TOTAL EXPENDITURE OVER FUNDS RECEIVED AFTER COMMITMENTS AS AT 30TH JUNE, 2020											
81%											
Certificate Correct:		Rupen Nand				Date:					
		Finance Manager									
Notes:											
Commitments include funds disbursed to RMI and Palau under Grant Agreements but yet to receive acquittals											

4. WORK PLAN FOR 2020

The work plan for 2019 was reviewed at the 2nd Regional Steering Committee, 1 – 3 April 2019. Table 5 shows the work plan for 2019-2020, as endorsed in April 2019.

As already described under Section 2.1, a revised work plan to complete the activities under the COVID-19 travel restrictions was submitted to EUD on 30.03.20, see Annex 2.

Table 5 Overall work plan 2019 – 2020 (endorsed in April 2019)

Activity	Year 3 2019 - Implementation				Year 4 2020 - Completion & Closure			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project Management								
Detailed work planning								
Gender integration plan	Review				Review			
Procurement plan	Review				Review	6th July 2020, D+3		
M&E plan	Review				Review			
Communications plan	Review				Review			
Risk management & exit strategy	Review				Review			
Letters of agreement and grant agreements with countries								
National coordinators recruited								
External audits								
Annual & final reports								
ROM missions								
Final evaluation								
Output 1: Uptake of key individual and community behaviours that support El Niño resilience strengthened.								
1.1 Consultations to identify key behavioural changes								
1.2 Training for women and vulnerable groups in good governance								
1.3 Design & implement education & awareness measures								
1.4 Hold lessons learned meeting and 3 steering committee meetings								
Output 2: Local area structural measures implemented to support El Niño resilience building and paying special attention to the rights of women and vulnerable groups in outer islands								
2.1 Review existing interventions & consultations to identify & design structural measures								
2.2 Identify & design parallel activities for women & vulnerable groups								
2.3 Implement structural and parallel measures for women								
2.4 Design & implement measures involving the private sector								
2.5 Conduct technical training in monitoring & maintenance								
Output 3: National measures -institutional, planning and technical - implemented to support resilience for future El Niño events								
3.1 Review El Niño readiness and approaches in policies & plans (national, sub-national & island level)								
3.2 Identify gaps and needs								
3.3 Consultations & TA to design/strengthen policies/plans								
3.4 Consultations & technical TA to address information gaps								
3.5 TA to prepare a plan to expand the behavioural/ gender sensitive/ rights based approach beyond target communities								

Annex 1: Summary timelines showing activities in each country for January to June 2020 and plans to November 2020

FSM Timeline

IMPLEMENTATION PHASE Work completed January – June 2020	
January 2020	<ul style="list-style-type: none"> • Consultation with Dugor and Rumuu communities about EPS systems.
January 2020	<ul style="list-style-type: none"> • Maintenance training and inspection of the RWH systems at Kaday, Gachpar, Balabat and Tamil communities.
February 2020	<ul style="list-style-type: none"> • Maintenance training and handover of RWH systems to communities in Kapingamarangi.
May 2020	<ul style="list-style-type: none"> • Rumuu community declined the EPS system; consultation and Memorandum of Agreement signed with Amin community.
April-May 2020	<ul style="list-style-type: none"> • Two virtual meetings with Yap State partners and water authorities to share results of hydrogeological assessment and the management of water demand during the current drought. • Rain gauge installed.
June 2020	<ul style="list-style-type: none"> • Media release on “Assisting Yap State manage water supply during drought” distributed.
June 2020	<ul style="list-style-type: none"> • Video released on “Understanding the unique challenges of water security in the outer islands of the North Pacific”. (This focuses on the community-based impact assessment methodology).
June 2020	<ul style="list-style-type: none"> • Video materials distributed.
Planned activities July to November 2020	
August 2020	<ul style="list-style-type: none"> • Virtual meeting with Yap State partners and water authorities to discuss the operationalisation and continuation of the long-term monitoring of the aquifer after the RENI project finishes.
September 2020	<ul style="list-style-type: none"> • Awareness activities by Tamil Women’s Association and school essay competition on water conservation.
September 2020	<ul style="list-style-type: none"> • Technical report on “Groundwater resources assessment, Gagil-Tomil, Yap State, FSM” published.
October 2020	<ul style="list-style-type: none"> • Completion of video on “Managing water demand during drought in Yap State, FSM”.
October 2020	<ul style="list-style-type: none"> • Lessons learnt meeting in Yap Proper.

RMI Timeline

IMPLEMENTATION PHASE Work completed January – June 2020	
January 2020	<ul style="list-style-type: none"> • Canvasback Wellness Centre visit to Ailuk to conduct health checks.
February 2020	<ul style="list-style-type: none"> • MIOFA and Agricultural Consultant visit Ailuk for training and capacity building.
March 2020	<ul style="list-style-type: none"> • Outer island mayors trained in biological control of pests (WUTMI activity).
April 2020	<ul style="list-style-type: none"> • Canvasback Wellness Centre visit to Ailuk to conduct health checks, establish exercise clubs and hold cooking classes.
May 2020	<ul style="list-style-type: none"> • Media release on “Women influencing healthy lifestyles while building climate resilience in RMI”.
June 2020	<ul style="list-style-type: none"> • Visit to Ailuk by MIOFA for further agricultural training and capacity building.
January – June 2020	<ul style="list-style-type: none"> • Water security measures installed in Ailuk.
June 2020	<ul style="list-style-type: none"> • Purchase of materials for wicking irrigation systems for 20 farms completed.
Planned activities for July - November 2020	
August 2020	<ul style="list-style-type: none"> • Completion of construction of Santo plant nursery. • MIOFA visit to Santo to establish the nursery and provide training.
August 2020	<ul style="list-style-type: none"> • Final visit to Ailuk by Canvasback Wellness Center.
September 2020	<ul style="list-style-type: none"> • Booklet on “Homemade remedies for pest control and identification of major pests and diseases in RMI” published. • Booklet on “Cooking and preservation of local fruits and vegetables in RMI” published.
September 2020	<ul style="list-style-type: none"> • Video on “Communities securing food resources and adopting healthy lifestyles, RMI” completed.
October 2020	<ul style="list-style-type: none"> • Lessons learnt meeting in Majuro.

Palau Timeline

IMPLEMENTATION PHASE Work completed January – June 2020	
February 2020	<ul style="list-style-type: none">• Government of Palau advised they wished to exit the RENI project.
Planned activities July to November 2020	
July - September 2020	<ul style="list-style-type: none">• Complete acquittals for Grant Agreement with Palau.

Annex 2: RENI project revised work plan and budget prepared 24.03.20 at the start of travel restrictions

Background

On the 24th March 2020, the RENI team met to revise the work plan against the following background:

- Rapid spread of COVID-19 worldwide.
- Spread of COVID-19 cases in the Pacific Islands, and especially Fiji, New Caledonia, Guam, Hawaii and French Polynesia.
- COVID-19 travel restrictions that had been in place in the North Pacific since January 2020 for passengers and cargo.
- Public health safety advice to restrict the spread of COVID-19, e.g. cancel meetings/events.
- Travel restrictions that were put in place in RMI in 2019 during the dengue fever outbreak (banning all travel to the outer islands for 5-months).
- Existing working constraints e.g. situation in FSM where government officers are presently working from home.
- Advice from EUD that D+3 could only be extended with co-financing.
- Advice from the Directors of GEM and MRO that in their opinions, there was a good possibility that co-financing could be accessed.

Against this background the team reviewed each activity in the work plan (09.03.20 version).

Recommendation

Following this review, the team recommended that they would not pursue co-financing, instead they would cancel some activities, downscale others, and issue all contracts by D+3 (05.07.20), and complete all the revised activities by the end of the implementation period (05.11.20), with the exception of the final external review and final audit. The main justifications were as follows:

- Against the very uncertain background regarding the spread of COVID-19 in the Pacific Islands, the team considered that international travel would not be possible until Quarter 3 of 2020, at the earliest.
- All reasonable care needs to be taken to safeguard the health of the project team, colleagues and outer island communities in the North Pacific countries.
- Limited capacity of the North Pacific countries to cope with the COVID-19 crisis, and a likely slow recovery period, taking into account their public health and food security situations.
- A certain loss of momentum in delivery of the project, especially in RMI, where travel to the project's sites has been restricted for 6 of the last 8 months (from August to December 2019 and in March of 2020).

The revised work plan is shown below. The revised budget projection is shown below.

It was already indicated in the 2019 Annual Report that the final payment of EUD 1,213.231 would not be requested, and this is now confirmed.

For the existing funds received by SPC, the budget projection, including all activities required to properly close the project (e.g. final audit and evaluation), shows a projected unused amount of EUR315,496. It is requested that this amount (EUR 315,496) continue to be held in SPC's account until after D+3 (05.07.20) to cover any unforeseen costs.

Revised work plan to December 2020 prepared 24.03.20 at the start of travel restrictions

Activities and Meetings 2020 RENI (updated 24.03.20)											
Mission/Meeting	Mar-20	Ap-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
FSM											
Yap: Ecological Purification System (EPS) installation mission (RENI Team & 2 persons from Fiji Department of Waterways)							X				
Yap: Water installations maintenance training (RENI Team) The 2 activities done simultaneously.							X				
Yap: RENI Lessons Learnt Meeting for FSM, to include EPS demonstration with FSM state representatives CANCELLED . Replace with 1-day national meeting.							X				
Pohnpei: RENI Team for acquittals & document retrieval CANCELLED											
Yap: SPC-Hydrogeological team visit to share findings with key stakeholders CANCELLED replace with a virtual meeting											
Yap: Women's awareness activities	X										
RMI											
Ailuk: Farmers Lessons Learnt & Training Meeting CANCELLED											
Ailuk: Wellness Team to Ailuk for follow up visit		X									
Ailuk: Konrad Englberg (Consultant) final mission or alternative activity						X					
Ailuk and Santo: MIOFA Women's home gardening contract final missions to Ailuk and Santo		X		X							
MIOFA: New farming techniques in Majuro	X										
MIOFA: Recipe book		X									
WUTMI: Pest control		X									
Santo: Purchase of materials for plant nursery at school			X								
Majuro: 1-day national LL meeting (20 persons)								X			
Majuro: RENI Finance Team for acquittals and document retrieval								X			
Palau											
Palau: acquit and close GA.											
Communications											
Contract for 3 videos: Fais Island Impact assessment; Yap water measures, RMI health and agriculture		X									
PO for 2 posters, 100 copies of each											
Final evaluation						X					
Final audit									X		

Revised budget projections to December 2020 prepared 24.03.20 at the start of travel restrictions

Budget projection (as of 26.03.20)	
Income	
Income - 1st Installment	1,778,858.00
Income - 2nd Installment	1,507,911.39
Total Income	3,286,769.39
Total Expenditure & Commitments to 26.03.20	
Total Actual Expenditure as at 23/03/2020	1,837,530.35
Commitments as at 26/03/2020	452,660.09
Total expenditure and commitments to 26.03.20	2,290,190.44
Forecast Expenditure & Management Fee to 05.11.20 (including audit & evaluation)	
Expenditure forecast to 05.11.20	636,525.86
Project Management Fee -7%	44,556.81
Total forecast expenditure & management fee	681,082.67
Total Expenditure (Actual + Forecast)	2,971,273.11
Balance of Funds to refund after D+3	315,496.28
Expenditure Rate Over Total Budget (4.5 million)	66%

Annex 3: EU – North Pacific – Readiness for El Niño (RENI) project: Logical Framework (Version 1 – from Delegation Agreement)

The activities, the expected outputs and all the indicators, targets and baselines included in the logframe matrix are indicative and may be updated during the implementation of the Action, no amendment being required to the financing decision. The indicative logframe matrix will evolve during the lifetime of the Action: new lines will be added for listing the activities, as well as new columns for intermediary targets (milestones) when it is relevant and for reporting purpose on the achievement of the results as measured by indicators. Note also that indicators will be disaggregated by sex whenever relevant.

Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
Overall objective: To enhance the resilience of the people of FSM, Marshall Islands, and Palau to the shocks and insecurities resulting from extreme El Niño events	-Reduction in cost to address future severe El Niño events in selected sectors and areas -Capacity of national stakeholders to address climate and disaster risk strengthened	<ul style="list-style-type: none"> • Marshall Islands – cost of drought in 2016 USD 4.9 million • Institutional framework assessments from ISACC and Climate Ready projects (2016-2017); National Climate Change Finance Assessments (2012-2016) • 2017/18 questionnaire surveys 	<ul style="list-style-type: none"> • 2% reduction in selected sectors and areas • 30 national stakeholders 	Marshall Islands-PDNA (2016) and estimates for FSM & Palau Reporting on SDGs especially 2, 6, 13 Reporting on Sendai Framework and FRDP priorities Reporting on SPC's development & strategic goals Reporting on national and sector policies & plans Baseline questionnaires Capacity surveys and interviews Workshop/training reports and evaluations and impact reports Pre and post surveys Presentations and media interviews given by national specialists; changes in national job descriptions	

Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
<p>Specific objective: To strengthen the implementation of a sustainable, multi sectoral, multi stakeholder approach to readiness for future El Niño events</p>	<p>-Number of mechanisms to involve the private sector in readiness and resilience building for El Niño events trialled</p> <p>-Number of women and vulnerable persons with enhanced decision making and governance skills</p> <p>-Number of plans/training modules prepared to expand the behavioural/rights-based/gender sensitive approach to El Niño readiness beyond the target communities</p>	<ul style="list-style-type: none"> • Capacity assessment of private sector (2017) • Gender stocktakes – SPC 2014-2016; Rights-based assessments – SPC-RRRT; Resilience capacity assessments – SPC-PacTVET 2015-2016 • Institutional framework assessments from ISACC and Climate Ready projects (2016-2017) 	<ul style="list-style-type: none"> • 1 mechanism • 20 persons in each country • 1 plan/training module 	<p>Reporting on Sendai Framework priorities</p> <p>Reporting on national and sector policies & plans</p> <p>2017 review of private sector suppliers</p> <p>Monitoring reports on uptake of measures and supplies for structural activities by the private sector</p> <p>Pre and post surveys and interviews</p> <p>Training and workshop reports</p> <p>Documentation of regional events where lessons learned were shared</p>	<p>Beneficiary governments and stakeholder groups are committed to taking action to build El Niño resilience and focus on joint activities in outer islands</p> <p>Climate change adaptation and disaster risk management remain as high priorities for the countries</p>

Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
Output 1: Uptake of key individual and community behaviours that support El Niño resilience strengthened	<ul style="list-style-type: none"> -Key behaviours identified to strengthen readiness for future El Niño events -Education and awareness activities designed and implemented to trigger sustainable uptake of the key behaviours -Lessons learned about readiness for future El Niño events shared 	<ul style="list-style-type: none"> •Community and vulnerability assessments, disaster risk management plans, and island development plans for the selected geographical areas (to be identified in 2017-18) 	<ul style="list-style-type: none"> •3 key behaviours •3 education and awareness activities •1 lessons learnt meeting 	<p>Reporting on national and sector policies & plans</p> <p>Pre and post surveys and interviews</p> <p>Documentation and impact of education and behavioural change activities (inter-personal, written, visual and video)</p> <p>Training and workshop reports</p> <p>Meeting minutes including specific meetings and seminars to share lessons learned</p> <p>Documentation of regional events where lessons learned were shared</p> <p>Asset registers and handover reports</p>	<p>Country beneficiaries are committed to taking action to build El Niño resilience and willing to adopt the behavioural change, gender and rights-based approaches</p>


Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
Output 2: Local area structural measures implemented to support El Niño resilience building and paying special attention to the rights of women and vulnerable groups in outer islands	<ul style="list-style-type: none"> -Structural measures designed and implemented for El Niño resilience building -Activities designed and implemented by women and vulnerable groups -Local area/sector plans revised to include monitoring and maintenance 	Community and vulnerability assessments, and disaster risk management plans, and island development plans for the selected geographical areas (to be identified in 2017-18)	<ul style="list-style-type: none"> • 1 structural measure / country • 3 activities for vulnerable groups • 2 local area/sector plans revised 	<ul style="list-style-type: none"> Review assessments of ongoing and past related activities Reports on consultations Community plans and island plans Annual reports from government sectors Procurement plan Concept notes and design documents for any structural measures Evaluation and completion reports relating to structural measures. Asset registers and handover reports. Project reports 	<ul style="list-style-type: none"> Governments and communities willing to proceed with project implementation Sufficient local resources and skills available to implement and maintain the interventions especially in view of the number of other interventions supported by development partners Natural and man-made hazards do not adversely affect project implementation and delivery

Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
Output 3: National measures -institutional, planning and technical - implemented to support resilience for future El Niño events	<p>-A multi-sectoral approach to El Niño readiness building initiated and/or strengthened</p> <p>-Sector plans strengthened to build resilience and empower vulnerable groups</p> <p>-Technical tool or study developed/ undertaken to address El Niño-related information gaps in local resource knowledge base in outer islands</p>	<ul style="list-style-type: none"> • Existing disaster risk management plans (2016 or before) • Existing disaster risk management plans, island development plans, sector and national development plans (2016 or before) • Scientific and technical literature (2016) 	<ul style="list-style-type: none"> • 2 multi-sectoral approaches • 2 plans/policies • 1 tool 	<p>Desktop review of plans and policies addressing El Niño</p> <p>Desktop review of physical constraints influencing outer islands' capacity to accommodate severe El Niño events</p> <p>National policies, plans and budgets</p> <p>Community and island plans</p> <p>Annual reports from government sectors</p> <p>Reports and other evidence showing sector collaboration</p> <p>Letters of agreement between SPC and country; job descriptions for national coordinators</p> <p>Project reports</p>	<p>Beneficiary governments, especially the line ministries and island councils, are open to multi-sectoral approaches, and are willing to strengthen policies, plans and budgets where appropriate</p> <p>Required professional skills and equipment are available within the project timeframe</p> <p>Further severe El Niño events do not occur during project time frame</p>


FSM

Notes:				
Nearly all the travel missions were combined including two or more countries				
Cost per Country has been calculated using the ratio: FSM 0.40/RMI 0.35/PALAU 0.25				
The supporting financial documentation reflects the cost of the overall combined missions				

RMI

		SPC PRIVATE MAIL BAG, SUVA , FIJI TELEPHONE: (679) 3370 733 FAX: (679) 3370 021		EU - NORTH PACIFIC - READINESS FOR EL NIÑO PROJECT -RENI STATEMENT OF INCOME AND EXPENDITURE FOR RMI FOR THE PERIOD 6TH JULY 2017 TO 30TH JUNE 2020	
DONOR AGENCY		:	EUROPEAN UNION		
PROJECT TITLE		:	EU - North Pacific - Readiness for El Niño Project		
CRIS NUMBER		:	RMI FED/2016/39692		
SPC REFERENCE NUMBER		:	J00073		
REPORTING CURRENCY		:	EURO		
INCOME		INCOME PERIOD			
		21/08/2017	2018	4/12/2019	2020
					TOTAL INCOME
Funds Received		622,600	-	219,898	-
				307,871	842,498
		622,600	0	527,769	0
					1,150,369
EXPENDITURE		EXPENDITURE PERIOD			TOTAL ACTUAL EXPENDITURE
		6/07/2017 to 31/12/2018	1/01/2019 to 31/05/2019	1/01/2020 to 30/06/2020	COMMITMENTS
	General budget				TOTAL EXPENDITURE AFTER COMMITMENTS
	Year 1 & 2 Budget				BUDGET AVAILABLE (based on Overall budget)
					EXPEND. RATE
Project Team					
Project Manager	155,239.00	137,053.00	53,052	19,704	13,146
Engineer	93,064.30	93,064.30	21,823	29,257	12,584
Project Finance Officer	118,394.15	76,110.30	10,332	18,669	11,019
Communications & Liaison Officer	84,590.80	75,316.85	19,389	9,209	6,603
Office equipment costs	17,500.00	15,750.00	4,385	1,843	2,278
Office consumables	20,300.00	16,100.00	1,969	1,771	461
Evaluations & audits	28,144.55	7,000.00	-	999	-
					999
Output 1 Uptake of behaviours to support El Nino resilience					
National & local-based consultations; gender & rights-based training; recruitment & payment of project officers/national coordinators	112,647.50	105,000.00	27,027	34,628	15,001
Education and awareness and visibility	46,550.00	35,000.00	735	1,498	-
Sharing of results & lessons learnt,	65,625.00	43,750.00	16,030	11,901	-
Travel for project team to implement activities in country	41,067.60	35,301.00	26,328	-	21,480
					47,807
					2,097
					49,904
Output 2 Structural measures to support El Nino resilience					
Structural on-the-ground measures	440,338.50	294,337.19	85,089	80,481	154,222
Parallel "soft engineering" measures	14,000.00	6,300.00	-	7,098	-
Monitoring and maintenance	5,250.00	4,200.00	-	-	-
Visibility	11,900.00	8,750.00	-	469	8,652
Travel for project team to implement activities in country	35,022.05	17,500.00	9,507	17,899	-
					27,406
					-
Output 3 Planning and technical measures to support El Nino readiness					
Local level disaster risk plans enhanced	24,658.55	24,500.00	12,000	14,452	-
National and/or sector plans enhanced	35,000.00	24,500.00	-	-	-
Technical studies to address applied research gaps	35,000.00	28,000.00	406	518	-
Visibility	11,550.00	10,500.00	-	-	-
Travel for project team to implement activities in country	31,815.00	15,750.00	-	3,165	34,852
					38,017
					335
					38,352
Indirect Cost					
Project Management (7%)	99,935.85	76,586.65	15,557	22,618	14,259
Contingencies (3.3%)	47,407.15	-	-	-	-
	1,575,000.00	1,150,369.29	303,629.79	276,178.73	294,557.29
					874,365.81
					171,856.94
					1,046,222.75
					528,777.25
					66%
BALANCE OF FUNDS AFTER COMMITMENT AS AT 30TH JUNE, 2020					
PERCENTAGE OF TOTAL EXPENDITURE OVER FUNDS RECEIVED AFTER COMMITMENTS AS AT 30TH JUNE, 2020					91%
Notes:					
Nearly all the travel missions were combined including two or more countries Cost per Country has been calculated using the ratio: FSM 0.40/RMI 0.35/PALAU 0.25 The supporting financial documentation reflects the cost of the overall combined missions					

Palau



SPC
PRIVATE MAIL BAG, SUVA , FIJI
TELEPHONE: (679) 3370 733
FAX: (679) 3370 021

EU - NORTH PACIFIC - READINESS FOR EL NIÑO PROJECT -RENI

STATEMENT OF INCOME AND EXPENDITURE FOR PALAU

FOR THE PERIOD 6TH JULY 2017 TO 30TH JUNE 2020

DONOR AGENCY

PROJECT TITLE

CRIS NUMBER

SPC REFERENCE NUMBER

REPORTING CURRENCY

: EUROPEAN UNION

: EU - North Pacific - Readiness for El Niño Project

: PAL FED/2016/39694

: J00073

: EURO

INCOME			INCOME PERIOD							
			21/08/2017	2018	4/12/2019	2020	TOTAL INCOME			
Funds Received			444,715	-	157,070 219,908	-	601,784 219,908			
			444,715	0	376,978	0	821,692			
EXPENDITURE	General budget	Year 1 & 2 Budget	EXPENDITURE PERIOD			TOTAL ACTUAL EXPENDITURE	COMMITMENTS	TOTAL EXPENDITURE AFTER COMMITMENTS	BUDGET AVAILABLE (based on Overall budget)	EXPEND. RATE
			6/07/2017 to 31/12/2018	1/01/2019 to 31/05/2019	1/01/2020 30/06/2020					
Project Team										
Project Manager	110,885.00	97,895.00	37,895	14,074	9,390	61,359	-	61,359	49,526	55%
Engineer	66,474.50	66,474.50	15,588	20,898	8,988	45,474	-	45,474	21,000	68%
Project Finance Officer	84,567.25	54,364.50	7,380	13,335	7,871	28,586	-	28,586	55,981	34%
Communications & Liaison Officer	60,422.00	53,797.75	13,849	6,578	4,717	25,143	-	25,143	35,279	42%
Office equipment costs	12,500.00	11,250.00	3,132	1,316	1,627	6,630	555	6,630	5,870	53%
Office consumables	14,500.00	11,500.00	956	1,265	329	2,550	846	3,396	11,104	23%
Evaluations & audits	20,103.25	5,000.00	-	714	-	714	-	714	19,389	4%
Output 1 Uptake of behaviours to support El Nino resilience										
National & local-based consultations; gender & rights-based training; recruitment & payment of project officers/national coordinators	80,462.50	75,000.00	9,599	53,802	20,053	83,454	-	83,454	(2,992)	104%
Education and awareness and visibility	33,250.00	25,000.00	525	1,070	-	1,595	2,164	3,759	29,491	11%
Sharing of results & lessons learnt	46,875.00	31,250.00	17,900	8,500	-	26,400	-	26,400	20,475	56%
Travel for project team to implement activities in country	29,334.00	25,215.00	13,529	187	-	13,716	-	13,716	15,618	47%
Output 2 Structural measures to support El Nino resilience										
Structural on-the-ground measures	314,527.50	210,240.85	11,780	20,024	-	31,804	48,150	79,954	234,574	25%
Parallel "soft engineering" measures	10,000.00	4,500.00	-	-	-	-	-	-	10,000	0%
Monitoring and maintenance	3,750.00	3,000.00	-	-	-	-	-	-	3,750	0%
Visibility	8,500.00	6,250.00	-	(237)	5,603	5,365	-	5,365	3,135	63%
Travel for project team to implement activities in country	25,015.75	12,500.00	4,055	1,671	-	5,726	-	5,726	19,290	23%
Output 3 Planning and technical measures to support El Nino readiness										
Local level disaster risk plans enhanced	17,613.25	17,500.00	13	-	-	13	-	13	17,601	0%
National and/or sector plans enhanced	25,000.00	17,500.00	-	21,006	-	21,006	-	21,006	3,994	84%
Technical studies to address applied research gaps	25,000.00	20,000.00	2,929	216	-	3,145	-	3,145	21,855	13%
Visibility	8,250.00	7,500.00	-	-	-	-	-	-	8,250	0%
Travel for project team to implement activities in country	22,725.00	11,250.00	-	11,629	-	11,629	-	11,629	11,096	51%
Indirect Cost										
Project Management (7%)	71,382.75	54,704.75	11,112	16,156	10,185	37,453	-	37,453	33,930	52%
Contingencies (3.3%)	33,862.25	-	-	-	-	-	-	-	33,862	0%
	1,125,000.00	821,692.35	150,240.73	192,203.27	68,763.63	411,207.62	51,714.95	462,922.57	662,077.43	41%
BALANCE OF FUNDS AFTER COMMITMENT AS AT 30TH JUNE, 2020									358,769.78	
PERCENTAGE OF TOTAL EXPENDITURE OVER FUNDS RECEIVED AFTER COMMITMENTS AS AT 30TH JUNE, 2020							56%			

Notes:

Nearly all the travel missions were combined including two or more countries

Cost per Country has been calculated using the ratio: FSM 0.40/RMI 0.35/PALAU 0.25

The supporting financial documentation reflects the cost of the overall combined missions

Annex 5. Media release uptake reports

Women influencing healthy lifestyles while building climate resilience in the Marshall Islands

 Pacific-Community-SPC
May 10 · 🌐

As people around the world learn to live with the COVID-19 crisis, women in a small atoll island in the Marshall Islands, are reaping the benefits of a three-year long, [European Union in the Pacific](https://www.spc.int/updates/news/media-release/2020/05/women-influencing-healthy-lifestyles-while-building-climate) funded project that was started in 2017 to help build their resilience to climate related droughts.
More: <https://www.spc.int/updates/news/media-release/2020/05/women-influencing-healthy-lifestyles-while-building-climate>



SPC.INT

Women influencing healthy lifestyles while building climate resilience in the Marshall Islands

👍❤️👤 Atishma Lal, Christina Fillmed and 44 others 1 Comment 19 Shares



People Reached: 3,961

Engagements: 379

Reactions: 46

Shares: 19

URL:

<https://www.facebook.com/spc.int/posts/3158120410946236>



Impressions: 9,711

Engagements: 146

Likes: 40

Retweets: 14

URL:

https://twitter.com/spc_cps/status/1259237192146153472

Other notable appearances:

Fiji One News

<https://www.facebook.com/fijionenews/posts/3187494331316087>

Office of the President , Republic of Marshall Islands (10,183 members)

<https://www.facebook.com/PresidentOfficeRMI/posts/2592970890975973>

The Kwajalein Hourglass, Volume 61, Number 21: access [link](#)

Relief Web <https://reliefweb.int/report/marshall-islands/women-influencing-healthy-lifestyles-while-building-climate-resilience>

SPC website and social media platform including SPC mailing list:

<https://www.spc.int/updates/news/media-release/2020/05/women-influencing-healthy-lifestyles-while-building-climate>

RiMajol Online (4,590 members):

<https://www.facebook.com/RiMajolonline/posts/2906801462721923>

RMI Embassy Tokyo

<https://www.facebook.com/rmiembassy.tokyo/posts/1333733846819345>

V7AB Radio Marshalls (13,427 members)

<https://www.facebook.com/groups/1664181420501222/permalink/2505075326411823/>

Pacific Agriculture Community (3,459 members)

<https://www.facebook.com/agriculturepacific/posts/2963675007009334>

Organic Pasifika (10,050 members),

<https://www.facebook.com/organicpasifika/posts/1250963685108745>

Pacific Island Health Officers Association

<https://www.facebook.com/PIHOASecretariat/posts/2670648323149875>

Assisting Yap State manage water supply through the current drought

WOMEN OF AILUK BUILD CLIMATE RESILIENCE HEALTHY LIFESTYLES

LEGIONA REPORT

By Zhiyad Khan
Pacific Community
Communications & Liaison Officer

As people around the world learn to live with the COVID-19 crisis, women in a small atoll island in the Marshall Islands, are reaping the benefits of a three-year long, European Union-funded project that was started in 2017 to help build their resilience to climate related droughts.

These efforts are part of the € 4.5 million EU - North Pacific - Resilience for El Niño project, implemented by the Pacific Community, also known as SPC. The project began implementing new food security measures in 2017 in the remote, drought-prone, atolls of northern RMI, namely in Ailuk, a rural environment, and Santo-Kwajalein, a semi-urban environment.

In Ailuk, the RMI project has worked with the residents to increase the availability of local food crops by establishing community nurseries, expanding the use of drought-resistant crop varieties, improving soil management practices, and increasing water storage capacity.

"In these uncertain times, and as a farmer myself, I would like to express my deep appreciation for the on-going efforts by the RMI project in building on the existing policies of the RMI government to revive subsistence farming in our islands," said RMI Minister of Natural Resources and Commerce, Hon. Sandy Alfred. "I would like to urge us all to start our own gardens, in anticipation of reaping the fruits of our labor in the very near future."

Women are playing a vital role in these initiatives, by establishing home gardens, and learning to preserve and cook local vegetables for their families. With the help of Canvaaback Wellness Centre, basic health checks have been conducted and exercise groups have been established for the entire community, thereby helping islanders curb non-communicable diseases.

"We loved the cooking classes and even tried new food like mung bean sprouts and lentils. Being part of the exercise group has been very enjoyable. The women usually tell stories and jokes as we walk. The trainings provided have been very beneficial to me and my family, we are trying to be active and eat healthy, so I want to thank the RMI project for finding us here in Ailuk," said Hemy Anous, a resident of Ailuk Atoll.

SPC has partnered in these initiatives with several local organizations, including the Ministry of Natural Resources and Commerce, Canvaaback Wellness Centre, Marshall Islands Organic Farmers Association, the Taiwan Technical Mission and Women United Together Marshall Islands.

"In line with the European Green Deal promoting an integrated approach for climate resilience and sustainable development, we are committed to assisting Pacific Island Countries address agriculture, health and wellness together," said the Ambassador of the EU for the Pacific, HE Sujiro Seam. "In the Marshall Islands, this approach is expanded to Jaluit and

SATURDAY, MAY 23, 2020 / VOLUME 61 NUMBER 21



Women residents of Ailuk Atoll learn cooking with local vegetables and enjoy an exercise class.

Major Atolls, which is very welcome in light of the uncertain environment created by the COVID-19 crisis."

SPC's Director-General Stuart Muschin emphasized the wide-ranging benefits of the RMI project saying, "This project is ultimately about enhancing the resilience of people and communities and achieving our common vision of a resilient Pacific in the face of climate change and variability. Through the combined efforts of SPC, the RMI government and local organizations, we have been able to enhance the resilience of those living in selected outer islands of RMI not only for future droughts but also in our collective fight against COVID-19."

About the Pacific Community
The RMI project is about communities working to secure food and water resources ahead of drought. The three-year (2017-2020) project is funded with € 4.5 million from the EU and implemented by the Pacific Community in collaboration with the governments and peoples of the Federated States of Micronesia, Marshall Islands and Palau. For more on the project visit <http://ccproj-ech.gsd.spc.int/en/north-pacific/en/>

THE KWJALEIN HOURGLASS



Drought periods are occurring more regularly & lasting longer in FSM. In response SPC's Readiness for El Niño project is carefully monitoring & conducting scientific research on local water systems that can greatly reduce the impact of droughts @EUPasifika



Assisting Yap State manage water supply through the current drought
SPC and water authority staff measuring water levels in a monitoring bore.
🔗 spc.int



People Reached: 2,605

Engagements: 120

Reactions: 74

Shares: 2

URL:

<https://www.facebook.com/spc.int/posts/3216466811778262>



Impressions: 2,023

Engagements: 30

Likes: 13

Retweets: 2

URL:

https://twitter.com/spc_cps/status/1267301679512182784

Other notable appearances:

Fiji One News

<https://www.facebook.com/fijionenews/photos/a.153433288055555/3244479945617525/?type=3&source=57>

Island Times

<http://islandtimes.us/assisting-yap-state-manage-water-supply-through-the-current-drought/?fbclid=IwAROLostJDYOOudInxKKxKUMXL28k9YcpZ7ncKsb3KTQV1qMcp9iVyhWtXBg>

Disaster Research & Information Hub- Hong Kong

<http://hub.ccouc.cuhk.edu.hk/news-and-info/micronesia-assisting-yap-state-manage-water-supply-through-current-drought>

SPC website and social media platform including SPC mailing list:

https://www.spc.int/updates/news/media-release/2020/06/assisting-yap-state-manage-water-supply-through-the-current?fbclid=IwAR1LJ5cgemaggWJKRCEK3vfNO-W_AZsQJEpyU9G2W36WXSINm2BE1Q8qDo

Yap State Environmental Protection Agency

<https://twitter.com/epayapstate>

