

# EU – NORTH PACIFIC– READINESS FOR EL NIÑO (RENI) PROJECT

Funded by the European Union



Inception Report and 2018 Progress Report  
Submitted 31 January 2019



## List of Abbreviations

ACP	Africa, Caribbean and Pacific countries
AVGF	Automatic valveless gravity filter
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

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## 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 11<sup>th</sup> European Development Fund. The implementation period for the RENI project is from the date of signature of the Delegation Agreement, 6 July 2017, to 2 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;
- (iii) National measures - institutional, planning and technical – to support readiness for future El Niño events.

This report covers the Inception period, July – December 2017, and the first year of operation, January – December 2018, and includes the activities described in the Inception Report (submitted 31 January 2018), and the first 6-month Progress Report for 2018, covering the period January – June 2018 (submitted 31 July 2018).

The schematic below shows the Project’s overall time frame. As of December 2018, final design is completed for most (85%) of the technical and structural activities and the project is in the implementation phase.



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

### 2.1 Summary of Achievements, 6 July 2017 – 31 December 2018

*Advancing the overall objective*

- ✓ The project has made sound progress to advance 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*. All three countries had endorsed Project Concept Notes by April 2018 and had Project Design Documents in place by November 2018. These Project Design Documents provide the context, rationale and a detailed description and budget for all the activities under each of the three outputs. They are endorsed by the country representatives and the RENI Project Manager and serve as blueprints for implementation, which may be adjusted as the project is implemented.
- ✓ Annex 1 presents the summary timelines showing the activities in each country for this reporting period (July 2017 – December 2018) and the activities scheduled for 2019.
- ✓ 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 Beneficiaries**

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

- ✓ The final designs of all the activities – both the technical activities and the structural measures was 85% completed by December 2018.
- ✓ Between August and December 2018, the project entered into an intense procurement phase, which is expected to continue until mid-2019. Since contracts still have to be awarded for most of the high-cost structural measures, the expenditure rate for the RENI project is still



low. However, as contracts are awarded in the first half of 2019, it is anticipated that the expenditure rate will rise significantly as funds are committed.

- ✓ The government of the RMI is using the opportunities afforded by the RENI project to trial the re-establishment of atoll agriculture, which used to be in a significant activity in the outer atolls 40 years ago. This includes trialling drought resilient crops and agroforestry in two of the outer islands, Ailuk, a rural environment, and Santo-Kwajalein, a semi-urban environment. If successful, this will lay the foundation for the Government's plans to expand sustainable agriculture to the rest of the outer atolls. (Water security measures are also planned for Ailuk to support the agricultural activities).
- ✓ Also in RMI, discussions are in progress to link the food security activities with the Wellness Centre and the Public School Nutrition Programme to influence a behavioural change towards healthier lifestyles and the use of local crops and fruits.
- ✓ FSM is planning to expand their traditional water storage facilities for use in times of drought. In Yap Proper, FSM, this will take the form of refurbishing/rebuilding abandoned community water sources e.g. community wells, for back-up water supplies during drought. This will also provide an opportunity to test a low cost, environmentally friendly water treatment method - Ecological Purification System - in Yap Proper. This system has been used successfully in many rural communities in Fiji and already the other states of FSM, Chuuk, Pohnpei and Kosrae, have expressed interest.
- ✓ Palau has also selected water security as their sector and has prioritised one of the activities from their 2016 drought management plan, namely creating a new water storage facility on the Tabecheding River, one of the larger rivers in Babeldaob. An initial hydrological assessment indicates that this is feasible given the size of the catchment, available flow records and the fact that this river did not dry up in the 2015-2016 El Niño drought.
- ✓ Frequent missions to the countries and the recruitment and positioning of national coordinators in each country has facilitated widespread consultation with national and sub-national government agencies in all three countries, as well as with non-governmental organisations (NGOs), communities and women's groups especially in FSM and RMI.



*Mayor and some of the Island Council from Ailuk, RMI, listening to a presentation on rights-based approaches, 7<sup>th</sup> June 2018*

*Advancing the specific objective*

- ✓ Progress has been made in advancing the specific objective: *to strengthen the implementation of a sustainable, multi sectoral, multi stakeholder approach to readiness for future El Niño events*. During the 18-month reporting period covered by this report, detailed technical (agriculture and water), social (gender and human rights), and project management (monitoring and evaluation) advice and assistance has been provided by SPC’s technical and social divisions, in particular the Land Resources Division (LRD); Geosciences, Energy and Maritime Division (GEM); Public Health Division (PHD); Social Development Programme (SDP); Regional Rights Resources Team (RRRT); and the Strategy, Planning and Learning (SPL) Programme. The SPC Micronesia Office has also provided critical support.
- ✓ The RENI project was highlighted as an example of integrated planning in action at the preparatory meeting for SPC’s Committee of Representatives of Governments and Administrations (CRGA) in May 2018, see the video “Applying our learning to integrated approaches: RENI learning experiences”.
- ✓ The activities in RMI in particular, demonstrate the potential for a national multi stakeholder and multi sectoral approach, bringing together communities, local councils, national government agencies and NGOs on the one hand, and sectors responsible for agriculture, water, education and health on the other hand.
- ✓ Opportunities have been maximised at the regional and national level to apply a gender-sensitive/right-based approach – some examples are as follows:
  - Country representatives and partners took part in a one-day training session on the gender-sensitive/rights-based approach at the First Regional Steering Committee on 23<sup>rd</sup> April 2018.
  - The Mayor, Island Council members and community members took part in several training sessions involving governance, gender sensitivity and human rights in Ailuk and Majuro between April and June 2018.
  - At SPC’s CRGA on 26<sup>th</sup> June 2018, participants took part in a “power walk” activity to illustrate aspects of the gender-sensitive/rights based approach in a community vulnerable to drought.



*Power walk at CRGA in June 2018 (l) and at RENI Steering Committee Meeting in April 2018 (r).*

*(During a power walk activity, participants are each assigned a character role in the community. Everyone starts out in a straight line, and then moves forward or back as a number of different rights in the community are read out, e.g. “I can influence community decisions” or “I can apply for a bank loan”. At the end of the activity there is a discussion as to which groups are more disadvantaged in the community).*

- ✓ The numerous missions during this reporting period have provided the opportunity for extensive collaboration with other national and international development activities and partners, some examples are:
  - In Yap, FSM, discussions with the Cooperative Research and Extension Department of the College of Micronesia (CRE-COM) ensured that their proposed drought resilience Project in Yap Proper complemented and did not duplicate the RENI activities – CRE-COM is focusing on communities in Yap Proper where outer islanders have settled, and RENI is focusing on long-established communities in Yap Proper close to the capital Colonia.
  - The Adaptation Fund in FSM, supports water security in Kapingamarangi, Pohnpei State, as does the RENI project, and following discussion it has been agreed that RENI will focus on the water assessments and enhancing community water storage, while the Adaptation Fund will target the household level.
  - In RMI the Taiwanese Mission has a large research farm and nursery in Majuro and is collaborating with the RENI project to supply plants and other forms of assistance to the RENI activities in Ailuk.
- ✓ The private sector has been involved in some of the consultations to date. In RMI the Marshall Islands Organic Farmers Association (MIOFA) is actively participating in the implementation of project activities; in Palau the services of local environmental consultancy firms have been procured to conduct environmental assessments prior to application for the necessary permits to construct the water storage measures; and in Yap Proper the services of a local consultant have been procurement to assist women’s groups undertake community water security measures.

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

- ✓ Especially between April and December 2018, an extensive consultative process has been underway in all three countries to provide input to the design of the activities. This is further detailed in section 3 of this report. In FSM and RMI, the consultations have been held at the community, island and national levels, and separate consultations have also been conducted with women’s groups. In Palau, the consultations have been mainly at the national level, and community consultations are scheduled for January 2019.
- ✓ In Ailuk, RMI, training for all the community in governance and human rights was conducted in April 2018. Participants to the First Steering Committee Meeting underwent training in applying a gender sensitive/rights based approach, while the Suva-based project team and the three national coordinators participated in additional training in this approach over the period July – November 2018.
- ✓ The recruitment and positioning of national coordinators in all three countries has facilitated the consultative process and the overall implementation of project activities. The three coordinators were all recruited and placed in government agencies between July and November 2018, and following their appointment they underwent orientation training in Suva.
- ✓ The First Regional Steering Committee Meeting was held in Pohnpei, FSM from 23-27 April 2018 (F=11, M=14). Besides the Steering Committee business, sessions were held in financial management procedures, work plan preparation, communications and the application of a gender-sensitive/rights-based approach. An interesting panel session was also held on “Outer



island migration – a socio economic or climate change issue – or both?” (A summary video on this panel discussion has been prepared).



*Mayor Rufina Jack from RMI (l) and Senator John Masiwemai from Yap State, FSM (r) discussing issues at the First Steering Committee Meeting in Pohnpei, FSM*

#### Communication activities

- ✓ The communications plan, prepared in January 2018, is used regularly to review targets and deliverables. The plan was shared with project partners at the First Regional Steering Committee Meeting alongside interactive training in messaging and video preparation. All visibility will be in accordance with the European Union (EU) and Pacific Community (SPC) guidelines and processes.
- ✓ The key message to appear on all print and visual material is: *“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.”*
- ✓ A RENI “publication brand” has been created and used in the production of banners, posters, folders and usb devices, all of which have been distributed to countries.
- ✓ An overall project factsheet and three national factsheets were designed, finalised and circulated. The factsheets are updated as new information comes available.
- ✓ The RENI communication products focus especially on the preparation of short videos, since these are very well received by the countries. The following videos have been prepared to date:
  - Experiences from the 2013 and 2016 droughts in the Marshall Islands (9.04 minutes)
  - Outer island migration – a socio-economic or climate change issue or both? (9.53 minutes)
  - Applying our learning to integrated approaches: the RENI experience (4.55 minutes)

- ✓ Another video is under preparation on perspectives on environmental change and traditional practices from an atoll community in RMI. The project contributed a scientific perspective to a participatory documentary for International Cinema on Climate Change in RMI by German filmmakers, Studio Kalliope GmbH. Their collection of video footage was completed in December 2018, with production due to start in 2019.
- ✓ Translation of some communication products into local languages is underway including instructional materials for SODIS and national fact sheets.
- ✓ Other communications activities, including media releases, newsletter articles and fact sheets, are listed in Table 2. The website (<http://ccprojects.gsd.spc.int>) is regularly updated with project activities and documents. The SPC-GEM Division is creating a new site on the main SPC website, and this will be available in the first quarter of 2019 after documents have been migrated. Social media sites such as twitter and facebook are also used to share information.
- ✓ The RENI project is contributing to national education and awareness activities. In Palau, RENI products were featured at the Preparedness Fair in September 2018. In Ailuk, RMI, posters and activities from SPC's PHD Division featuring stories, games and recipes on health, nutrition and environment were shared with the primary school.



National project fact sheets

**Table 2 List of Media Releases, Articles and other Communication Products  
July 2017 - December 2018**

(The list does not include all national media coverage or international radio and TV interviews)

Title	Date	Type of activity
<b>Media releases</b>		
EU and SPC Agreement supports FSM, Marshall Islands and Palau to build resilience to El Niño	20.07.17	<p><b>SPC/EU Media release</b> re-transmitted by several news and media organisations across the region including <a href="#">Pac News</a>, <a href="#">Radio New Zealand</a>, <a href="#">Pacific Islands Development Programme</a>, <a href="#">Island Times</a> (Palau), <a href="#">SPC</a>, <a href="#">EU</a>, <a href="#">Pacific Cooperation Foundation</a>, among others.</p>
Securing food and water security ahead of drought in remote communities in the North Pacific	30.04.18	<p><b>SPC/EU Media release</b> re-transmitted by several news and media organisations across the region including Relief Web, EU Delegation, Wadem, The Circular Economist, Humanitarian News, Micronesia.com, SPC sites. See links below.</p> <p><a href="https://reliefweb.int/report/world/securing-food-and-water-security-ahead-drought-remote-communities-north-pacific">https://reliefweb.int/report/world/securing-food-and-water-security-ahead-drought-remote-communities-north-pacific</a></p> <p><a href="https://eeas.europa.eu/delegations/fiji/43774/securing-food-and-water-security-ahead-drought-remote-communities-north-pacific_en">https://eeas.europa.eu/delegations/fiji/43774/securing-food-and-water-security-ahead-drought-remote-communities-north-pacific_en</a></p> <p><a href="https://wadem.org/feed-items/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the-north-pacific/">https://wadem.org/feed-items/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the-north-pacific/</a></p> <p><a href="https://thecirculareconomist.com/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the-north-pacific/">https://thecirculareconomist.com/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the-north-pacific/</a></p> <p><a href="http://humanitariannews.org/20180430/securing-food-water-security-ahead-drought-remote-communities-north-pacific">http://humanitariannews.org/20180430/securing-food-water-security-ahead-drought-remote-communities-north-pacific</a></p> <p><a href="https://micronesia.com/securing-food-water-security-ahead-of-drought-in-remote-communities-in-north-pacific/">https://micronesia.com/securing-food-water-security-ahead-of-drought-in-remote-communities-in-north-pacific/</a></p> <p><a href="https://www.spc.int/updates/news/2018/04/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the">https://www.spc.int/updates/news/2018/04/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the</a></p> <p><a href="https://twitter.com/spc_cps/status/990719700375031808">https://twitter.com/spc_cps/status/990719700375031808</a></p> <p><a href="https://www.facebook.com/spc.int/posts/1773019992789625">https://www.facebook.com/spc.int/posts/1773019992789625</a></p> <p><a href="http://ccprojects.gsd.spc.int/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the-north-pacific/">http://ccprojects.gsd.spc.int/securing-food-and-water-security-ahead-of-drought-in-remote-communities-in-the-north-pacific/</a></p>
Republic of Marshall Islands strengthens food security measures ahead of future droughts	18.07.18	<p><b>SPC/EU Media release</b> re-transmitted by several news and media organisations across the region including Relief Web, EU Delegation, Prevention Web, Island Times, Micronesia.com, SPC sites. See links below.</p> <p><a href="https://www.preventionweb.net/news/view/59376">https://www.preventionweb.net/news/view/59376</a></p> <p><a href="https://reliefweb.int/report/marshall-islands/republic-marshall-islands-strengthens-food-security-measures-ahead-future">https://reliefweb.int/report/marshall-islands/republic-marshall-islands-strengthens-food-security-measures-ahead-future</a></p> <p><a href="http://kenya.shafaqna.com/EN/AL/313641">http://kenya.shafaqna.com/EN/AL/313641</a></p> <p><a href="https://www.pacificislandtimes.com/single-post/2018/08/06/RMI-braces-for-future-droughts">https://www.pacificislandtimes.com/single-post/2018/08/06/RMI-braces-for-future-droughts</a></p>

Title	Date	Type of activity
		<a href="https://www.facebook.com/HungerNotes/posts/1981082918797602">https://www.facebook.com/HungerNotes/posts/1981082918797602</a> <a href="https://eeas.europa.eu/diplomatic-network/marshall-islands/49159/republic-marshall-islands-strengthens-food-security-measures-ahead-future-droughts_en">https://eeas.europa.eu/diplomatic-network/marshall-islands/49159/republic-marshall-islands-strengthens-food-security-measures-ahead-future-droughts_en</a> <a href="https://www.spc.int/updates/news/2018/07/republic-of-marshall-islands-strengthens-food-security-measures-ahead-of">https://www.spc.int/updates/news/2018/07/republic-of-marshall-islands-strengthens-food-security-measures-ahead-of</a> <a href="https://www.facebook.com/spc.int/posts/1886594848098805">https://www.facebook.com/spc.int/posts/1886594848098805</a> <a href="https://twitter.com/spc_cps/status/1019436116074622976">https://twitter.com/spc_cps/status/1019436116074622976</a> <a href="http://ccprojects.gsd.spc.int/republic-of-marshall-islands-strengthens-food-security-measures-ahead-of-future-droughts/">http://ccprojects.gsd.spc.int/republic-of-marshall-islands-strengthens-food-security-measures-ahead-of-future-droughts/</a>
<b>Newspaper/newsletter articles/briefs/interviews</b>		
El Niño resilience deal signed	22.07.17	<b>Newspaper article</b> in Fiji Sun
PPUC and SPC meet with Dr Cambers from SPC to discuss a new grant agreement for El Niño response readiness	31.08.17	<b>Newspaper article</b> in Island Times
EU and SPC prep for drought	06.10.17	<b>Newspaper article</b> in Marshall Islands Journal
EU and SPC support FSM, Marshall Islands and Palau to build resilience to El Niño	January 2018	<b>Newsletter article</b> Pacific Progress: Highlights from the Pacific Community <a href="http://pacificcommunity.cmail20.com/t/ViewEmail/j/875C34098D0BAA512540EF23F30FEDED/24786ECE1C46E90D3D3F7F9A22A6E02E">http://pacificcommunity.cmail20.com/t/ViewEmail/j/875C34098D0BAA512540EF23F30FEDED/24786ECE1C46E90D3D3F7F9A22A6E02E</a>
Marshall Islands project encourages people to grow own crops	30.07.18	<b>Radio New Zealand Interview:</b> <a href="https://www.radionz.co.nz/news/pacific/362981/marshall-islands-project-encourages-people-to-grow-own-crops">https://www.radionz.co.nz/news/pacific/362981/marshall-islands-project-encourages-people-to-grow-own-crops</a> <b>Yap State Government News Brief:</b> <a href="https://mailchi.mp/5a0db17766df/nb5152018-981117?e=b4a74602c4">https://mailchi.mp/5a0db17766df/nb5152018-981117?e=b4a74602c4</a>
<b>Videos</b>		
Experiences from the 2013 and 2016 droughts in the Marshall Islands	20.04.18	<b>Video</b> on experiences coping with past droughts in RMI <a href="#">'Experiences from the 2013 and 2016 droughts in the Marshall Islands'</a>
Applying our learning to integrated approaches: The RENI experience	05.06.18	<b>Video</b> interview on RENI's integrated planning showcased at SPC's CRGA sub-committee meeting <a href="#">Applying our Learning to Integrated Approaches: The RENI Experience'</a>
Outer Island Migration - A Socio-Economic or Climate Change Issue or Both	December 2018	<b>Video</b> on views expressed at a panel discussion that took place at the RENI Regional Steering Committee in FSM: <a href="https://youtu.be/f_Mm37siQtM">https://youtu.be/f_Mm37siQtM</a>
<b>Fact sheets</b>		
European Union – North Pacific – Readiness for El Niño (RENI): Communities securing food and water resources ahead of drought	15.08.17	<b>Regional Factsheet</b> <a href="http://ccprojects.gsd.spc.int/wp-content/uploads/2018/08/RENI-Factsheet-ver.July18.pdf">http://ccprojects.gsd.spc.int/wp-content/uploads/2018/08/RENI-Factsheet-ver.July18.pdf</a> <b>National Factsheets</b> FSM: <a href="http://ccprojects.gsd.spc.int/wp-content/uploads/2018/12/FSM-RENI-factsheet.pdf">http://ccprojects.gsd.spc.int/wp-content/uploads/2018/12/FSM-RENI-factsheet.pdf</a> RMI: <a href="http://ccprojects.gsd.spc.int/wp-content/uploads/2018/07/RMI-RENI-Factsheet-July-2018.pdf">http://ccprojects.gsd.spc.int/wp-content/uploads/2018/07/RMI-RENI-Factsheet-July-2018.pdf</a>

Title	Date	Type of activity
		Palau: <a href="http://ccprojects.gsd.spc.int/wp-content/uploads/2018/12/Palau-RENI-factsheet.pdf">http://ccprojects.gsd.spc.int/wp-content/uploads/2018/12/Palau-RENI-factsheet.pdf</a>
<b>Web pages</b>		
EU – RENI - Project	30.06.18	<b>Web pages</b> for RENI project created on the SPC website, and updated regularly <a href="http://ccprojects.gsd.spc.int">http://ccprojects.gsd.spc.int</a> (Due to ongoing work on the website, the above link works best in Chrome) RENI videos uploaded on YouTube and also shared internally on SPC intranet.
EU North Pacific Readiness for El Niño project	2018	<b>Web pages</b> for the RENI project country information on the European Commission, International Cooperation and Development website: FSM, Marshall Islands and Palau <a href="https://ec.europa.eu/europeaid/projects/eu-north-pacific-readiness-el-nino-project-pro-resilience-special-measure-response-food_en">https://ec.europa.eu/europeaid/projects/eu-north-pacific-readiness-el-nino-project-pro-resilience-special-measure-response-food_en</a>



*Opening screen of one of the video products*



*Ailuk children listening to “Vili’s healthy island adventure”.*

*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*

- ✓ Following the finalisation and endorsement of the Project Design Documents in each country, final design and procurement of the technical measures and the structural engineering measures is well underway and expected to be completed in the first half of 2019. Implementation of structural measures has commenced in RMI, and implementation of technical measures is underway in all three countries.
- ✓ A presentation on RENI was given at the “Learning Exchange: Women leading climate action in Melanesia, Micronesia, and Alaska” organised by The Nature Conservancy in Yap, 13-16 June 2018. Following that meeting and the finalisation of the Project Design Documents, activities to empower local women’s groups in water and food security have advanced in FSM (Yap Proper, contract starts February 2019) and RMI (contract signed November 2018). (A Request for Quotations for local consultants to work with women’s and community groups in Palau issued in November 2018 did not result in any applications).





*Women participating in the “Learning Exchange: Women leading climate action in Melanesia, Micronesia, and Alaska” organised by The Nature Conservancy in Yap, 13-16 June 2018*

- ✓ In FSM the activities already underway under this output are summarised below:

Yap Proper:

- Tanks and appurtenances for community rainwater harvesting in 5 communities in Yap Proper have been designed and are being procured.
- Materials for the tank bases and their installation have been designed and will be procured in February 2019.
- Materials and the installation for the Ecological Purification Systems in 2 communities have been designed, and will be procured March 2019.
- Services of a consultant to lead the women’s groups in community-based water security measures have been procured, and will start February 2019.

Kapingamarangi

- Materials for the community rainwater harvesting tank bases have been purchased and will be transported to Kapingamarangi in January 2019.
- Tanks and appurtenances for community rainwater harvesting have been designed and procurement will start in January 2019.

- ✓ In RMI the activities already underway under this output are summarised below:

- Agricultural measures have been designed.
- Supportive water security measures have been designed and procurement will start in January 2019.
- Services of an atoll agriculture specialist have been procured, to start February 2019.
- Services of an expert to lead the establishment of the home gardening and food preservation in Ailuk and Santo are being procured and expected to start February 2019.
- Materials have been purchased and transported to Ailuk for the nursery and it is 80% completed.
- Women United Together Marshall Islands (WUTMI) have been contracted to work with their women’s chapters in the northern atolls to assess crop pests (in collaboration with MIOFA).
- Agricultural extension agents have been selected in Ailuk and Santo.
- A Grant Agreement has been signed with the Ministry of Natural Resources and Commerce to support implementation of the activities.

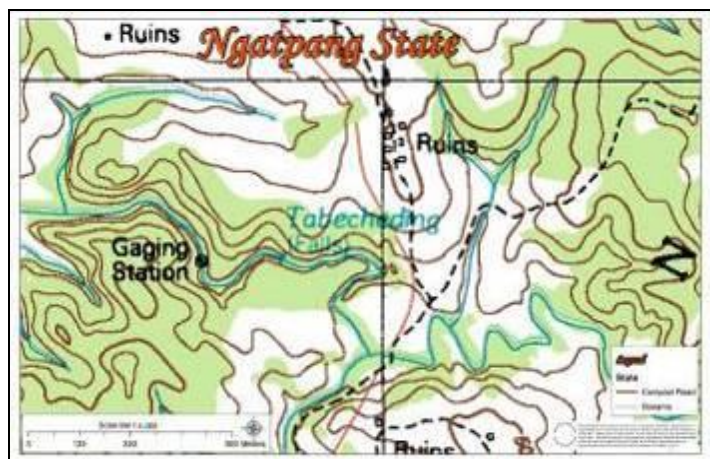
- ✓ In Palau the activities already underway under this output are summarised below:

- Design of the automatic valveless gravity filter (AVGF) system for the Tabecheding River was completed in December 2018, procurement to start once the necessary permits are in place.
- Specifications of water tanker trucks finalised, procurement to start after the AVGF system contract is finalised.

- A Grant Agreement has been signed with the National Emergency Management Office (NEMO) to support implementation of activities.
- ✓ Chambers of Commerce have been consulted in all three countries, and in Palau they are an active member of the Palau RENI Steering Committee. Local consultants and NGOs are engaged in the provision of technical services in all three countries.
- ✓ In Palau, written assurance has been obtained from the Palau Public Utilities Corporation that they will maintain the Tabecheding water storage facility after the project is completed. In Yap Proper, discussions have been held with the Yap State Public Service Commission, and in addition Letters of Agreement (LOAs) have been discussed with the two communities receiving the Ecological Purification Systems. Training in monitoring and maintenance of all the structural measures will take place after the measures have been constructed.



*Discussions with community members and assessments of existing water storage facilities have been conducted in Yap Proper, FSM*



*In Palau, water storage facilities adjacent to the Compact Road have been assessed for RENI project activities*

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

- ✓ Initial reviews of relevant policies have identified some gaps that RENI can begin to address. In RMI, the absence of atoll-specific disaster risk management plans has been identified as a specific gap and the technical services of the International Organisation for Migration (IOM) have been procured to prepare a “living” plan for Ailuk, as well as a “model” plan for application to the other atolls.
- ✓ Interest has also been expressed by Ailuk, RMI, and Kapingamarangi, FSM in solar disinfection (SODIS) and a scientific feasibility study for SODIS in these two atolls has been completed and showed the method is feasible in those locations. Work is underway to translate the instructional materials into local languages.
- ✓ Yap State identified the need for a hydrogeological assessment of the Tamil-Gagil aquifer in Yap Proper, and this will be conducted between March and September 2019 by the SPC-GEM Division.
- ✓ Hydrological assessments for the Tabecheding catchment in Ngatpang State and in the Ngerderar catchment in Ameliik State were completed in September 2018. Results showed the Tabecheding River was the most appropriate source. A local consulting firm, KAMPOR Analytical, has been contracted to undertake an environmental assessment of the proposed Tabecheding water storage facility prior to application for the necessary permits.

## **2.2 Challenges**

- ✓ The short project timeframe for implementation (3 years and 4 months) is a challenge, especially as countries are familiar with having the opportunity to request no-cost extensions for projects. Recognising that extensions are not available for the Pro-Resilience Special Measure, of which RENI is a part, emphasis has been placed on the communication of the short RENI project implementation period to all stakeholders from the outset and throughout implementation.
- ✓ With the planning and pre-design phase completed, and final design and procurement of goods and services well underway, there now remains 18 months for implementation. This is a short time period, however, it is feasible provided there are no major damaging extreme events such as an El Niño drought, typhoon or other high surge event.
- ✓ During the second half of 2018, there was a high probability of an upcoming El Niño event starting at the end of 2018. However, the probability has been downgraded to an El Niño Watch, which indicates there is still a risk of El Niño development, but later in 2019 (Australian Bureau of Meteorology, <http://www.bom.gov.au/climate/enso/outlook/>, accessed 22 January 2019).
- ✓ In Palau, there is a risk of scope creep. In August 2018, it was agreed that the RENI project team would undertake the design of the AVGF system of the Tabecheding River, however in October 2018 the Bureau of Public Works in Palau expressed a preference to prepare the final design themselves. This was agreed and reflected in the Project Design Document. The final design, received at the end of 2018, indicates an increase in scope of the system and this may have serious cost implications. It may be necessary to undertake a mission to Palau early in 2019 to clarify this issue.
- ✓ Other key challenges relate to limited human resources in the three northern Pacific countries, which is exacerbated by the free flow of movement between the three countries and the USA.

Government agencies and NGOs experience challenges in staff recruitment as well as donor-funded projects such as RENI.

- ✓ Competing for human resources with the large number of donor-driven interventions in the three northern Pacific countries is another issue. For example, the Japanese Government is in 2019 providing US\$ 22.5 million to the three northern Pacific countries through the United Nations Development Programme (UNDP) for emergency needs.
- ✓ On 16<sup>th</sup> April 2018, 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 - €1.80 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 and some details will require further discussion as the project progresses. The RENI team is now also compiling financial reports on a per country basis so as not to exceed the above thresholds.

### **2.3 Finalisation and Completion of Project Activities**

- ✓ Under the terms of the Delegation Agreement, the deadline for contracting (D+3) is the 6<sup>th</sup> July 2020.
- ✓ Key milestones for the finalisation and completion of the project are as follows:
  - 31<sup>st</sup> March 2020 is to be applied as a preliminary deadline for signature for all procurement and grant contracts.
  - 30<sup>th</sup> June 2020 is the deadline for all country activities to be completed.
  - 6<sup>th</sup> July 2020 is the actual deadline (D+3) for signature for all procurement and grant contracts.
  - 30<sup>th</sup> August 2020 is the deadline for all national acquittals, certified financial reports and narrative reports to be completed and submitted.
  - These will be discussed with national partners during the 2<sup>nd</sup> Steering Committee Meeting scheduled for 1-3 April 2019 in Majuro 2019.

### **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 2. A risk matrix and an exit strategy have been prepared and were reviewed at the first Steering Committee Meeting. 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. During the second half of 2018, national coordinators were recruited in each country to assist 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: NEMO.

The following table lists the project team as of 31<sup>st</sup> December 2018.



<b>Position</b>	<b>Position holder</b>	<b>Date of commencement</b>
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
FSM National Coordinator	Sean Kadanned	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 GEM Division). Activities are planned and delivered in close collaboration with the SPC Micronesia Regional Office.



### 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 2).

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 2018 work plan was endorsed at the First Steering Committee meeting in April 2018. These work plans are used as the basis for the planned activities listed below.

#### 3.1 Description of Activities 1 July 2017 – 31 December 2018

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
<b>Overall objective:</b> 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	Detailed under outputs	<ul style="list-style-type: none"> <li>Detailed under outputs</li> </ul>
Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
<b>Specific objective:</b> 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  Number of women and vulnerable persons with enhanced decision-making and governance skills.  Number of plans/training modules prepared to expand the behavioural/rights-based/gender	Detailed under outputs	<ul style="list-style-type: none"> <li>Detailed under outputs</li> </ul>

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
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><b>Output 1</b></p> <p>Uptake of key individual and community behaviours that support El Niño resilience strengthened.</p>	
	<p>1.1 Consultations to identify key behavioural change</p>	
	<p>Conduct local area consultations and assessments in three countries</p>	<ul style="list-style-type: none"> <li>• <b>FSM:</b> November 2017 Water security in Yap Proper and Kapingamarangi, Pohnpei State, selected as focus for RENI.  <u>Kapingamarangi:</u> June 2018, meetings with the Mayor (M=1), Island Council (M=3) and the community (M=15, F=13). Throughout 2018, meetings held with the Mayor who is based in Pohnpei.  Preparation of a water needs assessment.  <u>Yap Proper:</u> August 2018, consultation with State agencies and communities (M=21, F=5); with women’s groups (M=2, F=8).  Water assessments conducted in 10 communities.  <u>Yap National Coordinator</u> recruited and started 08.07.18, based in Yap State Environmental Protection Agency/Department of Resources and Development. One week training provided in Suva July 2018.</li> <li>• <b>RMI:</b> December 2017, food security in Ailuk Atoll and Santo Island selected as focus for RENI.  <u>Ailuk:</u> April 2018, Consultations in Ailuk with the Mayor (F=1), Island Council (F=2; M=4), and the community - with an all-female group (35 women), with an all-male group (41 men) and a combined men and women consultation (76 participants).  <u>Santo:</u> July &amp; November 2018, consultations with municipal leaders (M=2), community (M=13, F=27).</li> </ul>

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
	<p>Preliminary design and costing of activities in each country, and national endorsement of project activities</p>	<p>Majuro: Consultation December 2017 (M=14, F=8) which included the Mayors or their representatives from the 6 northern atolls, June 2018 consultations held firstly focusing on Ailuk only (F=5, M=15), and secondly on the entire project (F=4, M=7).</p> <p>Agriculture and water assessment conducted in Ailuk, and an agriculture assessment in Santo.</p> <p><u>National Coordinator</u> recruited and started 24.09.18 based in Ministry of Natural Resources and Commerce. One week training provided in Suva, September 2018..</p> <ul style="list-style-type: none"> <li>• <b>Palau:</b> April 2018, water security in Ngatpang and Ameliik States selected as focus for RENI.</li> </ul> <p>April 2018 meetings with representatives from State Government in Ameliik and Ngatpang States (M=2); February – October 2018, several meetings held with National Emergency Committee/Palau RENI Committee (M=8, F=3).</p> <p>Hydrological assessments prepared for Tabecheding and Ngerderar watersheds.</p> <p><u>National Coordinator</u> recruited and started 24.11.18 based in NEMO. One week training provided in Suva in November 2018.</p> <ul style="list-style-type: none"> <li>• <b>FSM, Kapingamarangi and Yap Proper</b> – Project Concept Note finalised April 2018..</li> <li>• <b>RMI:</b> Project Concept Note finalised April 2018.</li> <li>• <b>Palau:</b> Project Concept Note finalised April 2018.</li> </ul>
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>Design training activities for women and vulnerable groups</p> <p>Provide training in gender sensitive/rights based approaches at First Steering Committee Meeting to</p>	<ul style="list-style-type: none"> <li>• <b>FSM, RMI, Palau:</b> August – September 2017, Discussions held with agencies responsible for gender/rights/climate change/disaster risk management, and with women’s groups and NGOs.</li> </ul> <p>2018: Women and vulnerable groups participated in consultations as detailed above in 1.1, and in Yap Proper, FSM and Ailuk, RMI, separate meetings were conducted with women’s groups.</p> <ul style="list-style-type: none"> <li>• <b>SPC:</b> July 2017 – December 2018, discussions and collaboration among relevant divisions (SDP, RRRT, GEM) to design and implement the training activities.</li> <li>• One-day session at the Steering Committee Meeting (on 23.04.18) was dedicated to training in gender-sensitive/rights-based approaches (F=11, M=14) with the help of</li> </ul>

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
	<p>national partners</p> <p>Commence implementation of training for women and vulnerable groups</p>	<p>SDP and RRRT.</p> <p><b>RMI:</b> Ailuk, April 2018, Training provided in good governance and human rights (F=35, M=41)</p> <p><b>FSM, Palau:</b> National Coordinators were given training during inception visits to Suva, Fiji (July and November 2018).</p> <p><b>RENI SUVA-based project team:</b> participated in 1-day further training on gender and rights based approaches July 2018.</p>
	1.3 Design and implement education and awareness activities	
	<p>Review the communications action plan for 2018 at 1st Steering Committee Meeting</p> <p>Implement the Communications targets as contained in the Communications Action Plan for 2018; these cover branding, awareness, online visibility, multimedia products, workshops and events.</p> <p>Provide training for national partners in communications skills at First Steering Committee Meeting</p>	<ul style="list-style-type: none"> <li>• Communications plan prepared January 2018, presented and reviewed at First Steering Committee Meeting (26.04.18)</li> <li>• 3 media releases, re-broadcast by 10-15 media outlets (Table 2), 1 magazine article, 3 short videos, various national newspaper articles/interviews, 1 website update regularly; various social media posts, branded visibility products (banners, folders, usb devices); 1 overall fact sheet and 3 national fact sheets.</li> <li>• Interactive communications training provided at First Steering Committee Meeting (26-27.04.18).</li> <li>• National Coordinators provided with communications training during their inception visits to Suva, Fiji (July, September and November 2018).</li> </ul>
	1.4 Hold lessons learned meeting and three steering committee meetings	

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
	<p>Hold First Steering Committee Meeting in Pohnpei, FSM</p> <p>Compile lessons learnt on an ongoing basis and share with partners as opportunities arise</p>	<ul style="list-style-type: none"> <li>• First Steering Committee Meeting held in Pohnpei 23-27.04.18 (F=11, M=14)</li> <li>• Lessons learnt being compiled on an ongoing basis</li> </ul>
Performance and success indicators from log frame	Planned Activities for July 2017 – December 2018	Progress July 2017 – December 2018
<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><b>Output 2</b></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>	
	<p>2.1 Review existing interventions &amp; consultations to identify &amp; design structural measures</p>	
	<p>Review existing interventions &amp; consultations to identify &amp; design structural measures</p>	<ul style="list-style-type: none"> <li>• <b>FSM:</b> Consultation to select activities in June 2018 (M=21, F=5). Project Design Document with costing finalised and accepted by FSM Government, November 2018. <u>Yap Proper:</u> Detailed engineering designs for Ecological Purification System (EPS) in 2 communities and rainwater harvesting systems (RWH) in 5 communities completed. <u>Kapingamarangi:</u> Detailed engineering designs for RWH systems completed.</li> <li>• <b>RMI:</b> 2 national consultations to select activities held in December 2017 and June 2018 (M=18, F=15). Project Design Document with costing finalised and endorsed by Government, June 2018.</li> <li>• <b>Palau:</b> February – September 2018, several meetings conducted with National Emergency Committee to select activities. Project Design Document with costing finalised and endorsed by Government,</li> </ul>



Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
		<p>October 2018.            Design of automatic valveless gravity filter (AVGF) system for the Tabecheding watershed completed December 2018.            Specifications of water tanker trucks prepared November 2018.</p>
	2.2 Identify & design parallel activities for women & vulnerable groups	
	<p>Based on the local area consultations and in parallel with the structural measures, identify &amp; design activities in which women &amp; vulnerable groups can take a leadership role.</p>	<ul style="list-style-type: none"> <li>• <b>FSM, RMI, Palau:</b> Presentation on RENI given at “Learning Exchange: Women leading climate action in Melanesia, Micronesia, and Alaska” organised by The Nature Conservancy in Yap, 13-16.06.18 and involving women’s groups from all RENI countries..</li> <li>• <b>FSM, Yap Proper,</b> consultations and discussions with women’s groups June to November 2018, Request for Quotations (RFQ) for consultancy to work with women’s groups on community water security measures advertised; work to start February 2019.</li> <li>• <b>RMI,</b> consultations and discussions with women’s groups June – August 2018, Request for Proposals (RFP) issued and Grant Agreement awarded to WUTMI in November 2018 to assess and consult on crop pests in the northern atolls of RMI.</li> <li>• <b>Palau,</b> RFQ issued November 2018 to work with community and women’s groups on drought awareness.</li> </ul>
	2.3 Implement structural and parallel measures	
	<p>Start procurement and implementation of structural measures and parallel measures for women and vulnerable groups.</p>	<ul style="list-style-type: none"> <li>• <b>FSM, Yap Proper:</b> RFQ goods and services for rainwater harvesting materials issued December 2018.  <u>Kapingamarangi</u>, materials for construction of RWH bases purchased and stored in Pohnpei, to be shipped to Kapingamarangi, January 2019</li> <li>• <b>RMI:</b> Materials for construction of nursery purchased and shipped to Ailuk, September 2018; nursery 80% constructed by November 2018.            RFP for consultant to establish women’s home gardening in Ailuk and Santo advertised November 2018.            RFQ for consultant to provide training in atoll agriculture advertised November 2018.            Agricultural extension agents in Ailuk and Santo selected.            Grant Agreement with Ministry of Natural Resources and Commerce to support the implementation of activities prepared (signed 04.01.19)</li> </ul>

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
		<ul style="list-style-type: none"> <li>• <b>Palau</b>, Grant Agreement with NEMO to support the implementation of activities prepared (signed 25.01.19).</li> </ul>
	2.4 Design & implement measures involving the private sector	
	Design & implement measures involving the private sector	<ul style="list-style-type: none"> <li>• <b>FSM, RMI, Palau:</b> Private sector Chamber of Commerce representatives and NGOs consulted about RENI project design during introductory visits in 2017..</li> <li>• <b>RMI:</b> Marshall Islands Organic Farmers Association (MIOFA) participated in all RMI consultations; they are also partners in the WUTMI Grant Agreement in the northern atolls, and they are being considered for the RFP for women’s home gardening in Ailuk and Santo..</li> <li>• <b>Palau:</b> Director of the Palau Chamber of Commerce is an active member of the Palau RENI Steering Committee.</li> </ul>
	2.5 Conduct technical training in monitoring & maintenance	
	Conduct technical training in monitoring & maintenance	<ul style="list-style-type: none"> <li>• <b>FSM: Yap Proper:</b> Discussions held with beneficiary communities about a LOA for assistance with maintenance; draft LOA prepared. Discussions also help about long term maintenance with the Yap State Public Service Commission.</li> <li>• <b>Palau:</b> Letter of assurance received from the Palau Public Utilities Corporation that they will be responsible for the maintenance of the Tabecheding AVGF system which the project hands over the assets.</li> </ul>
<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>	<p><b>Output 3</b></p> <p>National measures -institutional, planning and technical - implemented to support resilience for future El Niño events</p> <hr/> <p>3.1 Review El Niño readiness and approaches in policies &amp; plans (national, sub-national &amp; island level)</p>	

Performance and success indicators from log frame	Planned activities for July 2017 – December 2018	Progress July 2017 – December 2018
	Review El Niño readiness and approaches in policies & plans (national, sub-national & island level) and identify gaps	<ul style="list-style-type: none"> <li>• <b>FSM:</b> <u>Yap Proper</u> Drought Management Plan for Yap Proper identified as a need in Project Design Document; however removed in November as assistance has been obtained from Australian Volunteers International.</li> <li>• <b>RMI:</b> Need for atoll-specific disaster management plans identified in June 2018 following discussions with communities and National Disaster Management Office.</li> </ul>
	3.2 Consultations & TA to design/strengthen policies/plans	
	Consultations & TA to design/strengthen policies/plans	<ul style="list-style-type: none"> <li>• <b>RMI:</b> RFQ issued atoll-specific disaster management plans for Ailuk and Santo; International Organisation for Migration (IOM) selected, work started November 2018.</li> </ul>
	3.3 Consultations & technical TA to address information gaps	
	Consultations & technical TA to address information gaps	<ul style="list-style-type: none"> <li>• <b>SODIS in FSM Kapingamarangi and RMI Ailuk:</b> Scientific assessment conducted of the suitability of Solar Disinfection methods (SODIS); November completed November 2018 indication SODIS is appropriate for these two locations. SODIS instructional materials translated into local languages in FSM and RMI.</li> <li>• <b>FSM</b> <u>Yap Proper:</u> Plans prepared for hydrogeological assessment of the Tamil-Gagil aquifer by SPC-GEM March-September 2019. <u>Fais Island, Yap State:</u> Plans prepared for assessment of the sustainability of the water security activities completed under the GCCA: PSIS project prepared and services of a facilitator procured.</li> <li>• <b>Palau:</b> Hydrological assessments of the Ngerderar and Tabecheding watershed completed September 2018 (by SPC-GEM Division). RFQ issued for preparation of an environmental assessment of the proposed Tabecheding water storage facility; awarded to KAMPOR Analytical in October 2018. (This is a national requirement for obtaining the necessary permits).</li> </ul>
	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"> <li>• <b>RMI:</b> Discussions held on the behavioural changes required to re-establish atoll agriculture. Meetings were held with the Wellness Centre and the Public School Nutrition Programme, August – October 2018 to discuss the nutritional aspects of atoll agriculture.</li> </ul>

### **3.2 Indicative Financial Report 6 July 2017 – 31 December 2018**

The first pre-financing instalment of €1,778,858.00 was received in SPC's account on 21<sup>st</sup> August 2017.

The overall Indicative Statement of Income and Expenditure for the period 6<sup>th</sup> July 2017 to 31<sup>st</sup> December 2018 is shown in Table 3.

This shows an expenditure rate for the first 18 months of the project of 41%. This low rate of expenditure is as expected, since during the inception and pre design phase (July 2017 – June 2018) of the project, the main expenditures covered recruitment and employment of the project team, travel and country consultation costs.

On 16<sup>th</sup> April 2018 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 and some details will require further clarification as the project progresses. To comply with this requirement, Annex 3 shows the Indicative Statement of Income and Expenditure for each country.

Now that the Project Design Documents are endorsed by all three countries, and the final designs for the technical services and structural works are approximately 85% complete, procurement is in progress. Several large budget items are already in the procurement pipeline with a number of major contracts to be signed in the first quarter of 2019. Financial projections show that 70% of the first pre-financing instalment will have been exceeded by June 2019.

Annex 4 shows the financial projection to 30 June 2019. This forecast includes 8 items that are already in the procurement pipeline (i.e. have been advertised/are in the selection and contracting process). As soon as contracts are signed, these funds will be committed and reflected in subsequent financial statements.



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**Table 3 INDICATIVE STATEMENT OF INCOME AND EXPENDITURE  
FOR THE PERIOD 6th July 2017 - 31st December, 2018**

DONOR AGENCY : EU  
PROJECT TITLE : EU - North Pacific - Readiness for El Niño (RENI)  
SPC REFERENCE NUMBER : GRRR13X  
REPORTING CURRENCY : EURO

INCOME	INCOME PERIOD		TOTAL INCOME	BUDGET AVAILABLE	EXPEND. RATE	
	6/07/2017 to 31/12/2018	COMMITMENTS				
Funds Received - Aug 2017	1,778,858		1,778,858			
	<b>1,778,858</b>		<b>1,778,858</b>			
EXPENDITURE	EURO BUDGET	6/07/2017 to 31/12/2018	COMMITMENTS	TOTAL EXPENDITURE	BUDGET AVAILABLE	EXPEND. RATE
<b>Project Team</b>						
Project Manager	240,008	151,578	-	151,578	88,430	63%
Engineer	166,186	62,351	-	62,351	103,835	38%
Project Finance Officer	120,810	29,521	-	29,521	91,289	24%
Communications & Liaison Officer	118,995	55,396	-	55,396	63,599	47%
Office equipment costs	40,000	12,508	-	12,508	27,492	31%
Office consumables	23,000	4,790	-	4,790	18,210	21%
Evaluations & audits	10,000	-	-	-	10,000	0%
<b>Output 1 Uptake of behaviours to support El Nino resilience</b>						
National & local-based consultations; gender & rights-based training; recruitment & payment of project officers/national coordinators	225,000	59,321	-	59,321	165,679	26%
Education and awareness and visibility	65,000	2,100	-	2,100	62,900	3%
Sharing of results & lessons learnt,	62,500	51,251	-	51,251	11,249	82%
Travel for project team to implement activities in country	53,985	53,993	-	53,993	(8)	100%
				-		
<b>Output 2 Structural measures to support El Nino resilience</b>						
Structural on-the-ground measures	382,000	112,943	19,228	132,170	249,830	35%
Parallel "soft engineering" measures	10,000	-	-	-	10,000	0%
Monitoring and maintenance	5,000	-	-	-	5,000	0%
Visibility	10,000	-	-	-	10,000	0%
Travel for project team to implement activities in country	20,000	20,049	-	20,049	(49)	100%
				-		
<b>Output 3 Planning and technical measures to support El Nino readiness</b>						
Local level disaster risk plans enhanced	30,000	12,013	18,000	30,013	(13)	100%
National and/or sector plans enhanced	30,000	-	-	-	30,000	0%
Technical studies to address applied research gaps	20,000	5,943	11,690	17,633	2,367	88%
Visibility	10,000	-	-	-	10,000	0%
Travel for project team to implement activities in country	20,000	-	-	-	20,000	0%
				-		
<b>Indirect Cost</b>						
Project Management (7%)	116,374	41,609	-	41,609	74,765	36%
Contingencies (3.3%)	-	-	-	-	-	-
	<b>1,778,858</b>	<b>675,365.44</b>	<b>48,918.30</b>	<b>724,283.74</b>	<b>1,054,574.26</b>	<b>41%</b>
<b>BALANCE OF FUNDS ON HAND AS AT 31st DECEMBER 2018</b>				<b>1,054,574.26</b>		



#### **4. WORK PLAN FOR 2018 AND 2019**

The work plan for 2018 was reviewed at the First Regional Steering Committee, 23-27 April 2018. Table 4 shows the endorsed work plan for 2018.

The draft work plan for 2019 is shown as Table 5. Further detail is available in country specific work plans in the Project Design Documents.

<b>Table 4. Endorsed 2018 Work Plan - RENE</b>				
<b>Activity</b>	<b>Year 2 2018 - Implementation</b>			
	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>Project Management</b>				
Detailed work planning				
Gender integration plan	Review			
Procurement plan	Review			
M&E plan	Review			
Communications plan	Review			
Risk management & exit strategy	Review			
Grant agreements with countries				
National coordinators recruited				
External audits				
Annual & 6-monthly reports				
ROM missions				
Final evaluation				
<b>Output 1: Uptake of key individual and community behaviours that support El Niño resilience strengthened.</b>				
1.1 Consultations to identify key behavioural changes				
1.1.1 Conduct local area consultations and assessments in three countries				
1.1.2 Preliminary design and costing of activities in each country				
1.1.3 National endorsement of project activities				
1.2 Training for women and vulnerable groups in good governance				
1.2.1 Include women and vulnerable groups in local area consultations and assessments (Activity 1.1.1)				
1.2.2 Provide training in gender sensitive/rights based approaches at 1st Steering Committee Meeting to national partners				
1.2.3 Design training activities for women and vulnerable groups				
1.2.4 Commence implementation of training for women and vulnerable groups				
1.3 Design & implement education & awareness measures				
1.3.1 Review the communications action plan for 2018 (see Communications Plan) at 1st Steering Committee Meeting				
1.3.2 Implement the Communications targets as contained in the Communications Action Plan for 2018; these cover branding, awareness, online visibility, multimedia products, workshops and events.				
1.3.3 Provide training for national partners in communications skills at 1st Steering Committee Meeting				
1.4.1 Hold 1st Steering Committee Meeting in Pohnpei, FSM				
1.4.2 Compile lessons learnt at 1st Steering Committee Meeting				
1.4.3 Compile lessons learnt on an ongoing basis and share with partners as opportunities arise				
<b>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</b>				
2.1 Review existing interventions & local area consultations conducted under output 1 to identify & design structural measures				
2.2 Based on the local area consultations and in parallel with activity 2.1, identify & design activities in which women & vulnerable groups can take a leadership role.				
2.3 Start procurement and implementation of structural measures and parallel measures for women and vulnerable groups				
2.4.1 Based on discussions held in 2017, hold further discussions to design specific activities involving the private sector, and start implementation if timely.				
2.5 Provide training in monitoring & maintenance needs of proposed activities				
2.5.1 In parallel with activity 2.1 and 2.2 design monitoring and maintenance measures including training.				
<b>Output 3: National measures -institutional, planning and technical - implemented to support resilience for future El Niño events</b>				
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 to design/strengthen policies/plans (ongoing as Outputs 1 and 2 are advanced)				
3.4 Preliminary discussions of the preparation of a plan to expand the behavioural/ gender sensitive/ rights based approach beyond target communities				

<b>Table 5 Draft 2019 Overall Work Plan - RENI</b>				
<b>Activity</b>	<b>Year 2 2019 - Implementation</b>			
	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>
<b>Project Management</b>				
Detailed work planning				
Gender integration plan	Review			
Procurement plan	Review			
M&E plan	Review			
Communications plan	Review			
Risk management & exit strategy	Review			
External audit				
Annual & 6-monthly reports				
ROM missions				
Final evaluation				
<b>Output 1: Uptake of key individual and community behaviours that support El Niño resilience strengthened.</b>				
1.1 Continuation of community consultations as activities are implemented				
1.2 Training for women and vulnerable groups in good governance				
1.2.1 Review and provide further training in gender sensitive/rights based approaches at 2nd Steering Committee Meeting				
1.3 Design & implement education & awareness measures				
1.3.1 Review the communications action plan for 2019 at 2nd Steering Committee Meeting				
1.3.2 Implement the communications targets as contained in the Communications Plan for 2019; these cover branding, awareness, online visibility, multimedia products, workshops and events.				
1.3.3 Prepare short national videos				
1.3.4 RENI activities featured at national awareness events				
1.4. Hold 2nd Steering Committee Meeting in Majuro, RMI				
1.4.1 Compile lessons learnt on an ongoing basis and share with partners as opportunities arise				
<b>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</b>				
2.1 Complete final design of all major structural measures				
2.1.1 Complete contracting of all major structural measures				
2.2 Complete design of parallel activities with women's groups and vulnerable groups				
2.3 Installation of all major structural measures and parallel activities for women and vulnerable groups				
2.4 Design and implement measures involving the private sector				
2.5 Conduct technical training in monitoring and maintenance				
<b>Output 3: National measures -institutional, planning and technical - implemented to support resilience for future El Niño events</b>				
3.1 Implement resilience measures in policies, plans and budgets at island, state and national level				
3.2 Provide technical assistance to address information needs and gaps				
3.3 Discuss and plan expansion of integrated approaches to influence behavioural change, including a gender sensitive/rights based approach, beyond the target communities.				

## Annex 1 Summary Timelines showing Activities in each Country

### FSM Timeline

<b>INCEPTION AND PRE-DESIGN PHASE</b> <b>Activities completed to December 2018</b>	
Nov 2017	<ul style="list-style-type: none"> <li>Water security confirmed as sector for RENI in Pohnpei and Yap States</li> </ul>
Mar 2018	<ul style="list-style-type: none"> <li>Yap Proper in Yap State and Kapingamarangi in Pohnpei State confirmed as focus areas, Concept Note finalised.</li> </ul>
Apr 2018	<ul style="list-style-type: none"> <li>4 FSM representatives and the Mayor of Kapingamarangi attend 1st Regional Steering Committee including one-day training on rights-based/gender-sensitive approaches.</li> </ul>
May-Jun 2018	<ul style="list-style-type: none"> <li>Water assessment conducted in communities in Yap Proper and in Kapingamarangi</li> </ul>
Jun 2018	<ul style="list-style-type: none"> <li>RENI project presented at Micronesia/Melanesia Women's Consultation held in Yap State and organised by TNC.</li> </ul>
Jul 2018	<ul style="list-style-type: none"> <li>National Coordinator commenced, positioned in Yap State EPA &amp; R&amp;D, and inception training held in Suva.</li> </ul>
Aug 2018	<ul style="list-style-type: none"> <li>Yap State-wide and separate women's consultations conducted</li> </ul>
Sep 2018	<ul style="list-style-type: none"> <li>RENI presented to all FSM states at DECEM platform meeting in Pohnpei</li> </ul>
Oct 2018	<ul style="list-style-type: none"> <li>Project Design Document finalised</li> </ul>
Nov 2018	<ul style="list-style-type: none"> <li>Report on feasibility of SODIS in Kapingamarangi completed</li> </ul>
<b>FINAL DESIGN AND IMPLEMENTATION PHASE</b> <b>Projections for 2019</b>	
Jan – Mar 2019	<ul style="list-style-type: none"> <li>Assessment of water security measures in Fais Island, Yap State</li> </ul>
Jan – Aug 2019	<ul style="list-style-type: none"> <li>Procurement, purchase and installation of community rainwater catchment systems in Kapingamarangi</li> <li>SODIS established in Kapingamarangi</li> </ul>
Jan – Jul 2019	<ul style="list-style-type: none"> <li>Procurement, purchase and installation of community rainwater harvesting systems in 5 communities in Yap Proper</li> </ul>
Jan – Oct 2019	<ul style="list-style-type: none"> <li>Hydrogeological assessment of Tamil Gagil Aquifer in Yap Proper</li> </ul>
Feb – Dec 2019	<ul style="list-style-type: none"> <li>Implementation of community water security measures in 3 communities in Yap Proper by women's groups</li> </ul>
Mar – Dec 2019	<ul style="list-style-type: none"> <li>Procurement, purchase and installation of Ecological Purification Systems in Rumuu and Dugor in Yap Proper</li> </ul>

### RMI Timeline

<b>INCEPTION AND PRE-DESIGN PHASE</b> <b>Activities completed to December 2018</b>	
Dec 2017	<ul style="list-style-type: none"> <li>National consultation on RENI in Majuro</li> </ul>
Dec 2017	<ul style="list-style-type: none"> <li>Food security in Ailuk Atoll and Santo Island, Kwajalein Atoll, selected as sector and geographical area for RENI</li> </ul>
Apr 2018	<ul style="list-style-type: none"> <li>Concept Note finalised</li> </ul>
Apr 2018	<ul style="list-style-type: none"> <li>3 FSM representatives including Mayor of Ailuk attended 1<sup>st</sup> Regional Steering Committee including one-day training on rights-based/gender-sensitive approaches.</li> </ul>
Apr-Jun 2018	<ul style="list-style-type: none"> <li>Consultations in Ailuk including training in gender sensitive/rights-based approach; national consultations in Majuro</li> </ul>
Jul 2018	<ul style="list-style-type: none"> <li>Project Design Document finalised and endorsed</li> </ul>
Jul – Nov 2018	<ul style="list-style-type: none"> <li>Consultations in Santo with local government and community</li> </ul>
Sep 2018	<ul style="list-style-type: none"> <li>National Coordinator commenced, positioned in Ministry of Natural Resources and Commerce</li> </ul>
Nov 2018	<ul style="list-style-type: none"> <li>Report on feasibility of SODIS in Ailuk completed</li> </ul>
<b>FINAL DESIGN AND IMPLEMENTATION PHASE</b> <b>Activities July – December 2018 and projections for 2019</b>	
Jul – Nov 2018	<ul style="list-style-type: none"> <li>Tools and equipment for atoll agriculture procured, purchased and shipped to Ailuk.</li> <li>Nursery in Ailuk constructed, 80% completed.</li> </ul>
Nov 2018 – Mar 2019	<ul style="list-style-type: none"> <li>Preparation of a disaster risk management plan for Ailuk atoll and a model plan for extension to other atolls</li> </ul>
Nov 2018 – Dec 2019	<ul style="list-style-type: none"> <li>Contract signed with WUTMI to undertake community pest assessment in the northern atolls (Nov 2018 – April 2020).</li> </ul>
Jan – Oct 2019	<ul style="list-style-type: none"> <li>Hydrogeological assessment of Tamil Gagil Aquifer in Yap Proper</li> </ul>
Jan – Dec 2019	<ul style="list-style-type: none"> <li>Procurement, purchase and installation of water security measures in Ailuk to support the re-establishment of atoll agriculture</li> </ul>
Feb – Dec 2019	<ul style="list-style-type: none"> <li>Establishment of atoll agriculture in Ailuk including training of agricultural extension agents.</li> </ul>
Feb – Dec 2019	<ul style="list-style-type: none"> <li>Establishment of women’s home gardening in Ailuk and Santo Island (continues to March 2020)</li> </ul>

## Palau Timeline

<b>INCEPTION AND PRE-DESIGN PHASE</b> <b>Activities completed</b>	
Feb – Oct 2018	<ul style="list-style-type: none"> <li>• Discussions with National Emergency Committee on RENI activities</li> </ul>
Apr 2018	<ul style="list-style-type: none"> <li>• Water security especially in Ameliik and Ngatpang States selected as focus for activities</li> <li>• Concept Note finalised</li> </ul>
Apr 2018	<ul style="list-style-type: none"> <li>• 4 Palau representatives including a State Governor attended 1<sup>st</sup> Regional Steering Committee including one-day training on rights-based/gender-sensitive approaches.</li> </ul>
Sep 2018	<ul style="list-style-type: none"> <li>• Hydrological assessments of the Ngerderar and Tabecheding watersheds conducted.</li> <li>• Tabecheding watershed selected as focus for RENI project</li> </ul>
Sep 2018	<ul style="list-style-type: none"> <li>• RENI project activities displayed at Disaster Preparedness Fair</li> </ul>
Oct 2018	<ul style="list-style-type: none"> <li>• Project Design Document endorsed</li> </ul>
Nov 2018	<ul style="list-style-type: none"> <li>• National Coordinator commenced, positioned in NEMO</li> </ul>
Jan 2019	<ul style="list-style-type: none"> <li>• Consultation in Ngatpang State</li> </ul>
<b>FINAL DESIGN AND IMPLEMENTATION PHASE</b> <b>Activities in 2018 and projections for 2019</b>	
Nov 2018 – Dec 2019	<ul style="list-style-type: none"> <li>• Final design for Tabecheding watershed completed</li> </ul>
Nov 2018 – Mar 2019	<ul style="list-style-type: none"> <li>• Environmental assessment of AVGF system on Tabecheding watershed</li> </ul>
Jan – Dec 2019	<ul style="list-style-type: none"> <li>• Procurement, purchase and installation of AVGF system for the Tabecheding watershed (likely to continue to 2020)</li> </ul>
Jun – Dec 2019	<ul style="list-style-type: none"> <li>• Procurement, purchase and delivery of water tanker trucks</li> </ul>
Sep 2019	<ul style="list-style-type: none"> <li>• Activities for Disaster Preparedness Month</li> </ul>

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

Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
<p><b>Specific objective:</b> 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"> <li>• Capacity assessment of private sector (2017)</li> <li>• Gender stocktakes – SPC 2014-2016; Rights-based assessments – SPC-RRRT; Resilience capacity assessments – SPC-PacTVET 2015-2016.</li> <li>• Institutional framework assessments from ISACC and Climate Ready projects (2016-2017);</li> </ul>	<ul style="list-style-type: none"> <li>• 1 mechanism</li> <li>• 20 persons in each country</li> <li>• 1 plan/training module</li> </ul>	<p>Reporting on Sendai Framework priorities</p> <p>Reporting on national and sector policies &amp; 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 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
<p><b>Output 1:</b> Uptake of key individual and community behaviours that support El Niño resilience strengthened.</p>	<ul style="list-style-type: none"> <li>-Key behaviours identified to strengthen readiness for future El Niño events.</li> <li>-Education and awareness activities designed and implemented to trigger sustainable uptake of the key behaviours.</li> <li>-Lessons learned about readiness for future El Niño events shared</li> </ul>	<ul style="list-style-type: none"> <li>• Community and vulnerability assessments, disaster risk management plans, and island development plans for the selected geographical areas (to be identified in 2017-18)</li> </ul>	<ul style="list-style-type: none"> <li>• 3 key behaviours</li> <li>• 3 education and awareness activities.</li> <li>• 1 lessons learnt meeting.</li> </ul>	<p>Reporting on national and sector policies &amp; 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 Meeting minutes including specific meetings and seminars to share lessons learned</p> <p>Documentation of regional events where lessons learned were shared 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
<p><b>Output 2:</b> 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>	<ul style="list-style-type: none"> <li>-Structural measures designed and implemented for El Niño resilience building</li> <li>-Activities designed and implemented by women and vulnerable groups</li> <li>-Local area/sector plans revised to include monitoring and maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Community and vulnerability assessments, and disaster risk management plans, and island development plans for the selected geographical areas (to be identified in 2017-18)</li> </ul>	<ul style="list-style-type: none"> <li>• 1 structural measure/country.</li> <li>• 3 activities for vulnerable groups</li> <li>• 2 local area/sector plans revised</li> </ul>	<p>Review assessments of ongoing and past related activities</p> <p>Reports on consultations Community plans and island plans</p> <p>Annual reports from government sectors</p> <p>Procurement plan</p> <p>Concept notes and design documents for any structural measures</p> <p>Evaluation and completion reports relating to structural measures.</p> <p>Asset registers and handover reports.</p> <p>Project reports</p>	<p>Governments and communities willing to proceed with project implementation</p> <p>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</p> <p>Natural and man-made hazards do not adversely affect project implementation and delivery</p>


Intervention logic	Indicators	Baselines (2017)	Targets (2020)	Sources and means of verification	Assumptions
<p><b>Output 3:</b> National measures -institutional, planning and technical - implemented to support resilience for future El Niño events</p>	<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"> <li>• Existing disaster risk management plans (2016 or before)</li> <li>• Existing disaster risk management plans, island development plans, sector and national development plans (2016 or before)</li> <li>• Scientific and technical literature (2016)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 multi-sectoral approaches</li> <li>• 2 plans/policies</li> <li>• 1 tool</li> </ul>	<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>

## Annex 3 Indicative Statement of Income and Expenditure for each Country

### 1. FSM

Pacific Community Communauté du Pacifique		SPC PRIVATE MAIL BAG, SUVA, FIJI TELEPHONE: (679) 3370 733 FAX: (679) 3370 021	<b>INDICATIVE STATEMENT OF INCOME AND EXPENDITURE FOR FSM FOR THE PERIOD 6th July, 2017 - 31st December, 2018</b>			
		DONOR AGENCY	: EU			
		PROJECT TITLE	: EU - North Pacific - Readiness for El Niño (RENI)			
		SPC REFERENCE NUMBER	: GRRR13X			
		REPORTING CURRENCY	: EURO			
INCOME		INCOME PERIOD		TOTAL		
		6/07/2017		INCOME		
		to 31/12/2018				
Funds Received - Aug 2017		711,543				
<b>TOTAL FUNDS AVAILABLE</b>		<b>711,543</b>		<b>711,543</b>		
EXPENDITURE	EURO BUDGET	EXPENDITURE PERIOD		TOTAL EXPENDITURE	BUDGET AVAILABLE	EXPEND. RATE
		6/07/2017 to 31/12/2018	COMMITMENTS			
<b>Project Team</b>						
Project Manager	96,003	60,631	-	60,631	35,372	63%
Engineer	66,474	24,941	-	24,941	41,534	38%
Project Finance Officer	48,324	11,808	-	11,808	36,516	24%
Communications & Liaison Officer	47,598	22,158	-	22,158	25,440	47%
Office equipment costs	16,000	5,003	-	5,003	10,997	31%
Office consumables	9,200	1,732	-	1,732	7,468	19%
Evaluations & audits	4,000	-	-	-	4,000	0%
<b>Output 1 Uptake of behaviours to support El Niño resilience</b>						
National & local-based consultations; gender & rights-based training; recruitment & payment of project officers/national coordinators	90,000	22,816	-	22,816	67,184	25%
Education and awareness and visibility	26,000	840	-	840	25,160	3%
Sharing of results & lessons learnt,	25,000	17,320	-	17,320	7,680	69%
Travel for project team to implement activities in country	21,594	14,136	-	14,136	7,458	65%
<b>Output 2 Structural measures to support El Niño resilience</b>						
Structural on-the-ground measures	152,800	17,931	2,758	20,690	132,110	14%
Parallel "soft engineering" measures	4,000	-	-	-	4,000	0%
Monitoring and maintenance	2,000	-	-	-	2,000	0%
Visibility	4,000	-	-	-	4,000	0%
Travel for project team to implement activities in country	8,000	6,488	-	6,488	1,512	81%
<b>Output 3 Planning and technical measures to support El Niño readiness</b>						
Local level disaster risk plans enhanced	12,000	-	-	-	12,000	0%
National and/or sector plans enhanced	12,000	-	-	-	12,000	0%
Technical studies to address applied research gaps	8,000	802	-	802	7,198	10%
Visibility	4,000	-	-	-	4,000	0%
Travel for project team to implement activities in country	8,000	-	-	-	8,000	0%
<b>Indirect Cost</b>						
Project Management (7%)	46,550	16,643	-	16,643	29,906	36%
Contingencies (3.3%)	-	-	-	-	-	-
<b>TOTAL EXPENDITURE</b>	<b>711,543</b>	<b>223,251</b>	<b>2,758</b>	<b>226,009</b>	<b>485,534</b>	<b>32%</b>
<b>BALANCE OF FUNDS ON HAND AS AT 31st DECEMBER 2018</b>				<b>485,534</b>		
<b>Notes:</b>						
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						

## 2. RMI

 Pacific Community Communauté du Pacifique	SPC PRIVATE MAIL BAG, SUVA, FIJI TELEPHONE: (679) 3370 733 FAX: (679) 3370 021	<b>INDICATIVE STATEMENT OF INCOME AND EXPENDITURE FOR RMI</b> <b>FOR THE PERIOD 6th July 2017 - 31st December, 2018</b>					
	DONOR AGENCY : EU PROJECT TITLE : EU - North Pacific - Readiness for El Niño (REN) SPC REFERENCE NUMBER : GRRR13X REPORTING CURRENCY : EURO						
<b>INCOME</b>		<b>INCOME PERIOD</b>					
		6/07/2017 to 30/12/2018		<b>TOTAL</b> <b>INCOME</b>			
<b>Funds Received - Aug 2017</b>		622,600					
<b>TOTAL FUNDS AVAILABLE</b>		622,600		622,600			
<b>EXPENDITURE</b>		<b>EXPENDITURE PERIOD</b>			<b>BUDGET</b> <b>AVAILABLE</b>	<b>EXPEND.</b> <b>RATE</b>	
	<b>EURO</b> <b>BUDGET</b>	6/07/2017 to 30/12/2018	<b>COMMITMENTS</b>	<b>TOTAL</b> <b>EXPENDITURE</b>			
<b>Project Team</b>							
Project Manager	84,003	53,052	-	53,052	30,950	63%	
Engineer	58,165	21,823	-	21,823	36,342	38%	
Project Finance Officer	42,284	10,332	-	10,332	31,951	24%	
Communications & Liaison Officer	41,648	19,389	-	19,389	22,260	47%	
Office equipment costs	14,000	4,378	-	4,378	9,622	31%	
Office consumables	8,050	1,976	-	1,976	6,074	25%	
Evaluations & audits	3,500	-	-	-	3,500	0%	
<b>Output 1 Uptake of behaviours to support El Niño resilience</b>							
National & local-based consultations; gender & rights-based training; recruitment & Education and awareness and visibility	78,750	27,027	-	27,027	51,723	34%	
Sharing of results & lessons learnt,	22,750	735	-	735	22,015	3%	
Travel for project team to implement activities in country	21,875	16,030	-	16,030	5,845	73%	
	18,895	26,328	-	26,328	(7,433)	139%	
<b>Output 2 Structural measures to support El Niño resilience</b>							
Structural on-the-ground measures	133,700	84,747	16,206	100,953	32,747	76%	
Parallel "soft engineering" measures	3,500	-	-	-	3,500	0%	
Monitoring and maintenance	1,750	-	-	-	1,750	0%	
Visibility	3,500	-	-	-	3,500	0%	
Travel for project team to implement activities in country	7,000	9,507	-	9,507	(2,507)	136%	
<b>Output 3 Planning and technical measures to support El Niño readiness</b>							
Local level disaster risk plans enhanced	10,500	10,500	-	10,500	-	100%	
National and/or sector plans enhanced	10,500	1,500	11,000	12,500	(2,000)	119%	
Technical studies to address applied research gaps	7,000	702	7,000	7,702	(702)	110%	
Visibility	3,500	-	-	-	3,500	0%	
Travel for project team to implement activities in country	7,000	-	-	-	7,000	0%	
<b>Indirect Cost</b>							
Project Management (7%)	40,731	14,563	-	14,563	26,168	36%	
Contingencies (3.3%)	-	-	-	-	-	-	
<b>TOTAL EXPENDITURE</b>		622,600	302,590	34,206	336,796	285,804	54%
<b>BALANCE OF FUNDS ON HAND AS AT 31st DECEMBER 2018</b>					285,804		
<b>Notes:</b> 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							



### 3. Palau

INCOME		INCOME PERIOD		TOTAL INCOME
		6/07/2017 to 31/12/2018		
Funds Received - Aug 2017		444,715		
<b>TOTAL FUNDS AVAILABLE</b>		<b>444,715</b>		<b>444,715</b>

EXPENDITURE	EURO BUDGET	EXPENDITURE PERIOD		TOTAL EXPENDITURE	BUDGET AVAILABLE	EXPEND. RATE
		6/07/2017 to 31/12/2018	COMMITMENTS			
<b>Project Team</b>						
Project Manager	60,002	37,895	-	37,895	22,107	63%
Engineer	41,547	15,588	-	15,588	25,959	38%
Project Finance Officer	30,203	7,380	-	7,380	22,822	24%
Communications & Liaison Officer	29,749	13,849	-	13,849	15,900	47%
Office equipment costs	10,000	3,127	-	3,127	6,873	31%
Office consumables	5,750	1,082	-	1,082	4,668	19%
Evaluations & audits	2,500	-	-	-	2,500	0%
<b>Output 1 Uptake of behaviours to support El Nino resilience</b>						
National & local-based consultations; gender & rights-based training; recruitment & education and awareness and visibility	56,250	9,478	-	9,478	46,772	17%
Sharing of results & lessons learnt,	16,250	525	-	525	15,725	3%
Travel for project team to implement activities in country	15,625	17,900	-	17,900	(2,275)	115%
	13,496	13,529	-	13,529	(33)	100%
<b>Output 2 Structural measures to support El Nino resilience</b>						
Structural on-the-ground measures	95,500	10,264	263	10,528	84,972	11%
Parallel "soft engineering" measures	2,500	-	-	-	2,500	0%
Monitoring and maintenance	1,250	-	-	-	1,250	0%
Visibility	2,500	-	-	-	2,500	0%
Travel for project team to implement activities in country	5,000	4,055	-	4,055	945	81%
<b>Output 3 Planning and technical measures to support El Nino readiness</b>						
Local level disaster risk plans enhanced	7,500	13	7,488	7,500	(0)	100%
National and/or sector plans enhanced	7,500	4,438	4,203	8,641	(1,141)	115%
Technical studies to address applied research gaps	5,000	-	-	-	5,000	0%
Visibility	2,500	-	-	-	2,500	0%
Travel for project team to implement activities in country	5,000	-	-	-	5,000	0%
<b>Indirect Cost</b>						
Project Management (7%)	29,094	10,402	-	10,402	18,691	36%
Contingencies (3.3%)	-	-	-	-	-	-
<b>TOTAL EXPENDITURE</b>	<b>444,715</b>	<b>149,525</b>	<b>11,954</b>	<b>161,478</b>	<b>283,236</b>	<b>36%</b>
<b>BALANCE OF FUNDS ON HAND AS AT 31st DECEMBER 2018</b>				<b>283,236</b>		

**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 4 Forecast Indicative Expenditure 1 January – 30 June 2019**

<b>FORECAST STATEMENT OF INCOME AND EXPENDITURE FROM 1ST JANUARY - 30TH JUNE, 2019</b>		
<b>Income received</b>		<b>1,778,858</b>
<b>ACTUAL EXPENDITURE 6 JULY 2017 - 31 December 2018</b>		
<i>Actual expenditure up to 31st December, 2018</i>		<b>724,284</b>
<b>FORECAST EXPENDITURE - 1st January - 30th June, 2019</b>		
Project Team: (Salaries, Office Equipment and Office Consumables)		141,984
Output 1: Uptake of behaviours to support El Nino resilience		128,065
Output 2: Structural measures to support El Nino resilience		371,000
Output 3: Planning and technical measures to support El Nino readiness		60,000
Indirect Cost -7%		49,073
<b>Total Expenditure Forecast</b>		<b>750,122</b>
<b>TOTAL EXPENDITURE (ACTUAL + FORECAST)</b>		
<b>TOTAL EXPENDITURE (including actual expenditure to 31st December 2018 and forecast expenditure 1 January - 30 June 2019)</b>		<b>1,474,406</b>
<b>Forecast balance of funds as at 30th June, 2019</b>		304,452
<b>Expenditure Rate</b>		<b>83%</b>

**Output 2 Items already in the procurement pipeline**

<b>Output 2: Goods and services already in the procurement pipeline by 31.01.19 but not reflected in the Indicative Statement of Income and Expenditure dated 31 December 2018 (Table 3)</b>	<b>Country</b>	<b>Estimated amount</b>
Supply of plastic water tanks and appurtenances for community rainwater harvesting Kapingamarnagi	FSM	60,000
Supply and delivery of plastic rainwater tanks, appurtenances and related materials for Ailuk	RMI	80,000
Equipments and materials for tank bases Kaingamarangi	FSM	20,000
Grant Agreement with Palau Government for support services	Palau	55,000
Grant Agreement with RMI government for support services	RMI	44,000
Consultancy services for atoll agriculture	RMI	41,000
Consultancy services for women's home gardening in Ailuk and Santo	RMI	60,000
Consultancy services for women's groups in water conservation and drought resilience Yap Proper	FSM	11,000
<b>Total</b>		<b>371,000</b>