Pacific Community (SPC)

Government of the Republic of Palau

GLOBAL CLIMATE CHANGE ALLIANCE PLUS
SCALING UP PACIFIC ADAPTATION (GCCA+ SUPA)
PROJECT

PROJECT DESIGN DOCUMENT
Output 3

Enhancing Community Health and Resilience to Climate Change and Disasters in Palau

April 2020

Enhancing Community Health and Resilience to Climate Change and Disasters in Palau

Project Summary

This design document describes the framework for Palau's activities under Output 3 "Scale up resilient development measures in specific sectors" of the Global Climate Change Alliance Plus - Scaling up Pacific Adaptation (GCCA+ SUPA) Project. The Output 3 activities, described here for Palau, will be implemented in conjunction with related activities under Output 1 "Strengthen strategic planning at national levels" and Output 2 "Enhance the capacity of sub-national government stakeholders to build resilient communities" of the GCCA+ SUPA project. Scaling up in the context of the GCCA+ SUPA Project is about enhancing, expanding, replicating and/or adding a complementary approach to existing, successful climate change adaptation interventions. The project will apply the lessons learnt from previous demonstration projects and apply them to scale up sector resilience.

The government of Palau has selected the health sector as their focus for Output 3. The overall objective of the project is promoting and scaling up climate resilience practices in Palau. The specific objective is improving access to safe water in selected states and the sharing of information nationwide. The three key result areas are: (1) vulnerability to water and vector borne diseases in selected states reduced; (2) climate resilience through communication, education and outreach in Palau strengthened; and (3) project coordination activities.

Palau like many island countries is experiencing acute impacts of climate change. These impacts exacerbate the vulnerability of local communities' health and water security. Following a national consultation in May 2019, the Palau National Climate Change Coordination Committee (NC4) determined that the SUPA project will focus on health and especially water and vector borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, and Ngatpang States in Babeldaob. The project will directly benefit the 3,606 persons in the five states selected and a further 14,055 indirectly through the communication and outreach activities. The project will involve the national government, states' government agencies and wherever possible the private sector too. The project is about enhancing the resilience of people and communities, and in this respect a participatory and community-led approach is adopted throughout the design and implementation with a particular emphasis on applying a gender-sensitive/rights-based approach.

The project aims to scale up previous efforts to build resilience to water and vector borne diseases, whilst also improving communities' access to climate change resilience and health information. Health and water security measures will include installing/refurbishing water storage systems in community evacuation shelters, training state government agencies and vulnerable households to monitor, treat and maintain supplementary water storage systems, and provide vector control and monitoring at the state level.

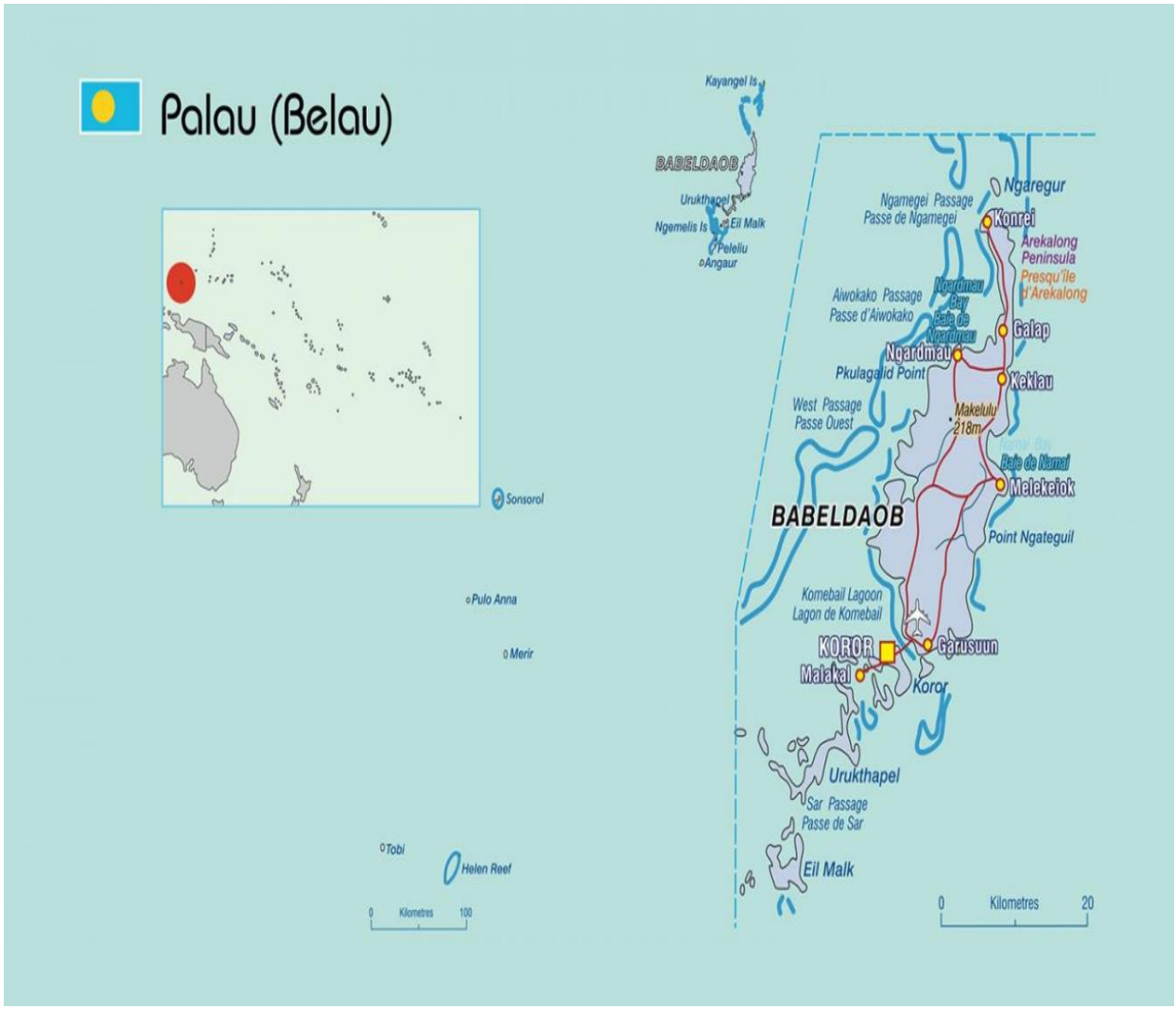
Community resilience throughout Palau will be strengthened through the design and delivery of a national radio communication plan for climate resilience, supported by the purchase of broadcasting equipment for the Radio Station. Teachers and students will be involved in the monitoring of coastal/ocean pollution and its impacts on climate resilience and human health.

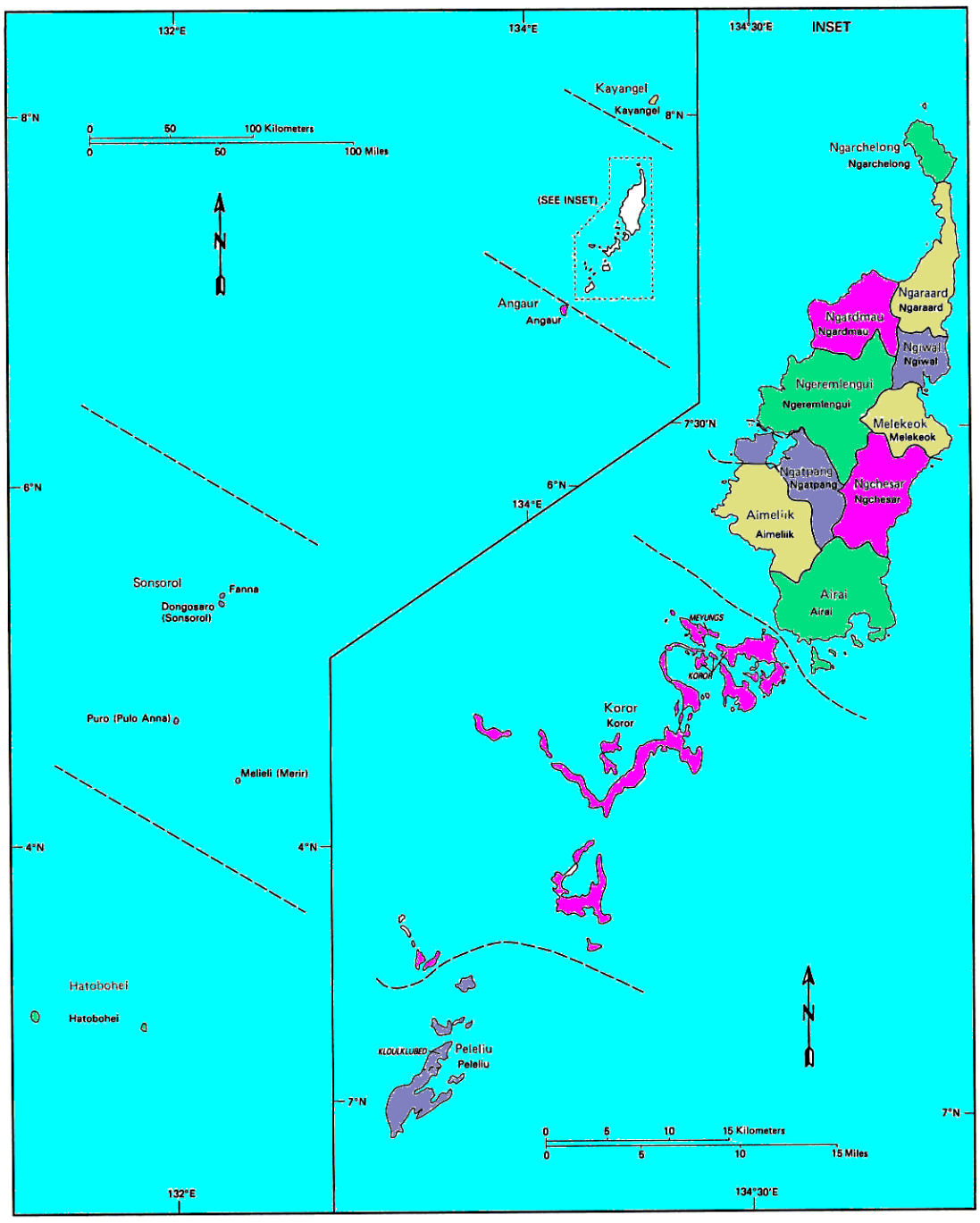
On 8th April 2020, and during the finalisation of this Project Design Document, the Minister of State for Palau requested that the purchase of the communication materials be fast-tracked to help the Government of Palau address the global COVID-19 pandemic and thereby provide all of its citizens with daily, accurate preparedness information about the pandemic. SPC and the European Union

agreed to fast track the purchase of this equipment using the "SPC Invocation of Crisis Response Procurement Procedures in response to the Coronavirus", dated 13.02.20.

The implementation period of this project will commence on the date of signature of this Project Design Document and end on 31 December 2022. The project will be implemented by the Ministry of Health, in collaboration with the Ministry of State, Ministry of Finance (including the Climate Change Office), Ministry of Education, and Bureau of Public Works. The project is consistent with Palau's 2020 National Master Development Plan, the 2016 National Disaster and Risk Management Framework, and the 2015 Climate Change Policy for Climate and Disaster Resilient Low Emissions Development.

Map of Palau





Map showing Palau SUPA project sites namely Airai, Aimeliik, Ngatpang, Ngeremlengui, and Ngardmau States in Babeldaob Island.

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List of Abbreviations

ACP	Africa, Caribbean, Pacific countries
ACSE	Adapting to Climate Change and Sustainable Energy
ADB	Asian Development
BPW	Bureau of Public Works
BSRP	Building Safety and Resilience in the Pacific
CSIRO	Commonwealth Scientific, Industrial Research Organisation (Australia)
DRM	Disaster Risk Management
EPS	Ecological Purification System
EQPB	Environmental Quality Protection Board
EU	European Union
EUR	Euros
FRDP	Framework for Resilient Development in the Pacific
FSM	Federated States of Micronesia
GDP	Gross Domestic Product
GCCA: PSIS	Global Climate Change Alliance: Pacific Small Island States project
GCCA+ SUPA	Global Climate Change Alliance Plus: Scaling Up Pacific Adaptation
MAP	Palau Management Action Plan
M&E	monitoring and evaluation
NC4	Palau National Climate Change and Coordination Committee
NDRFM	National Disaster and Risk Management Framework
NEC	National Emergency Committee
NGO	Non-governmental organisation
PAN	Protected Area Network
PPUC	Palau Public Utilities Corporation
R2R	Ridge to Reef
RENI	Readiness for El Niño
RESPAC	Disaster Resilience for Pacific Small Island Developing States
SDG	Sustainable Development Goal
SPC	Pacific Community
SPC-GEM	Pacific Community Geosciences, Energy and Maritime Division
SPC-LRD	Pacific Community Land Resources Division
SPC-RRRT	Pacific Community Regional Rights Resources Team
SPC-SDP	Pacific Community Social Development Programme
UN	United Nations
UNDP	United Nations Development Programme
USAID	United States Agency for International Development

Signature Page
The contents of this Project Design Document are endorsed by:

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1. INTRODUCTION

This design document describes the framework for Palau's activities under Output 3 "Scale up resilient development measures in specific sectors" of the Global Climate Change Alliance Plus - Scaling up Pacific Adaptation (GCCA+ SUPA) Project. The Output 3 activities, described here for Palau, will be implemented in conjunction with related activities under Output 1 "Strengthen strategic planning at national levels" and Output 2 "Enhance the capacity of sub-national government stakeholders to build resilient communities" of the GCCA+ SUPA project. The government of Palau has selected the health sector as their focus for Output 3.

This section of the design document describes the background to Palau and the background to the SUPA Project.

Background to Palau

Geographical setting

The Republic of Palau is located in the north-west tropical Pacific, 500 miles (800 km) east of the Philippines. There are over 500 islands in Palau most of which are the small, uninhabited Rock Islands. Only nine islands are currently inhabited and the country is divided into 16 states. The total land area is 206 square miles (535 km^2). The capital is in Melekeok state on the island of Babeldaob to the north, which replaced Koror as the capital in October 2006.

The population of Palau is 17,661 (2015 Census) and around 65% (11,444 persons) live in Koror, with a further 14% (2,455 persons) living in the adjacent state of Airai. The economy is dominated by tourism, fishing, and subsistence agriculture. Government is a major employer of the work force relying on financial assistance from the US under the Compact of Free Association (Compact) with the US that took effect after the end of the UN trusteeship on 1 October 1994. Tourism arrivals in 2016 were 138,408. The service sector dominates the economy, contributing more than 80% of gross domestic product (GDP) and employing around half of the population. Palau's per capita GDP of $ 13,415 in 2017 makes it one of the wealthier Pacific Island States. The principal economic challenge confronting the country is to ensure the long-term viability of its economy in the face of decreasing external support.

Agriculture is mainly on a subsistence level. Fishing is a significant source of revenue, but the country's tuna output dropped by over one third during the 1990s. The greatest opportunity for sustained growth in the Palauan economy is believed to lie in tourism. While development of additional tourism infrastructure is a major priority of government, attention is also being given to preserving the country's renowned marine environment, and these efforts have recently received positive publicity worldwide.

Vulnerability and climate change projections for Palau

Climate projections for Palau based on the global climate models show that for the period to 2100:

- There is *very high confidence* that El Niño and La Niña events will continue to occur in the future, but there is little consensus on whether these events will change in intensity or frequency.
- There is *very high confidence* in the direction of long-term change in a number of key climate variables, namely an increase in mean and extremely high temperatures, sea level and ocean acidification.
- There is *high confidence* that the frequency and intensity of extreme rainfall will increase.
- There is *medium confidence* that mean rainfall will increase, especially in the wet season and *medium confidence* in a decrease in drought frequency.
- Global climate model projections for changes in typhoons in the Northern Pacific basin show inconsistent results.

(These climate projections are based on the 2014 Australian Bureau of Meteorology and CSIRO Report: Climate variability, extremes and changes in the Western Tropical Pacific: New science and updated country reports).

These changes in climate are likely to exacerbate health, water and food security issues in Palau.

National policies and strategies

Climate change and disaster risk management, food and water security, and social inclusion are among the key priorities for Palau and critical to achieve various policy and strategic objectives to achieve sustainable development. Among the key policies are the following:

- Palau Management Action Plan (MAP) 2013-2017. This provides a strategic roadmap for the Executive Branch of the Government of Palau.
- 2020 National Master Development Plan that was developed in 1996. While this has officially expired it is still relevant for informing policy actions.
- Actions for Palau's Future: The Medium-Term Development Strategy 2009 – 2014. Options are presently being discussed for the preparation of a Medium Term Development Strategy and National Master Development Plan.
- Palau's National Disaster and Risk Management Framework (NDRMF) 2010. This was amended in 2016 with the Palau National Disaster and Risk Management Framework.
- Palau Climate Change Policy for Climate and Disaster Resilient Low Emissions Development 2015.
- June 28, 2017, Executive Order 401. This establishes water use and conservation policies for all government ministries, agencies and offices.

Related projects and activities

Listed below are some of key related projects and activities that are presently ongoing in Palau.

Project/Activity	**Status**
Global Climate Change Alliance Plus Intra ACP – Pacific Adaptation to Climate Change and Resilience (GCCA+ Intra ACP PACRES)	Ongoing
Institutional Strengthening in Pacific Island Countries to Adapt to Climate Change (ISACC)	Ongoing
GEF/Ridge to Reef (R2R): Regional component focuses on demonstrations, governance and knowledge management. The national component focuses on management of the Protected Areas Network (PAN) in Palau.	Ongoing
UNDP/RESPAC Disaster Resilience for Pacific Small Island Developing States (RESPAC) Project – disaster preparedness and planning	Ongoing
UN Women, Increasing Community Resilience through Empowerment of Women to Address Climate Change and Natural Hazards Programme.	Ongoing
EU Intra ACP/NDMO/SPC, Building Safety & Resilience in the Pacific (BSRP) – Planning for community based disaster risk resilience	Ongoing
Italian Government/Ministry of Public Infrastructure, Industries and Commerce: (i) Identify and develop new groundwater sources in Airai, Palau; (ii) Education programme to promote water conservation.	Ongoing
ADB Koror/Airai Sanitation Project	Ongoing
EU – North Pacific – Readiness for El Niño (RENI) project	Ongoing

About the SUPA Project

Description of the overall SUPA project

Climate change and natural disasters are among the greatest challenges jeopardising and undermining the ability of all countries, in particular Pacific countries, to achieve the sustainable development goals and reduce poverty. The Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+ SUPA) project falls under the GCCA+ flagship initiative, which has three priorities: (i) mainstreaming climate change issues into poverty reduction and development efforts; (ii) increasing resilience to climate related stresses and shocks; and (iii) Supporting the formulation and implementation of concrete and integrated sector-based climate change adaptation and mitigation strategies.

The GCCA+ SUPA project is about scaling up climate change adaptation measures in specific sectors supported by knowledge management and capacity building. The 4.5-year project (2019 – 2023) is funded with EUR14.89 million from the European Union (EU) and implemented by the Pacific Community (SPC) in partnership with the Secretariat of the Pacific Regional Environment Programme (SPREP) and the University of the South Pacific (USP) in collaboration with the governments and peoples of Cook Islands, Federated States of Micronesia (FSM), Fiji, Kiribati, Republic of the Marshall Islands (RMI), Nauru, Niue, Palau, Tonga and Tuvalu.

The overall objective is to enhance climate change adaptation and resilience within ten Pacific Island countries. The specific objective is to strengthen the implementation of sector-based, but integrated, climate change and disaster risk management strategies and plans.

The three key outputs for the GCCA+ SUPA project are:

1. Strengthen strategic planning at national levels;
2. Enhance the capacity of sub-national government stakeholders to build resilient communities; and
3. Scale up resilient development measures in specific sectors.

The activities will adopt a gender-sensitive and rights-based approach throughout and will take into account lessons learnt and wise practices from the regional, national, sub-national and community-based projects and programmes implemented over the last decade.

The Action will contribute to the *Framework for Resilient Development in the Pacific* (*FRDP),* the *Sendai Framework for Disaster Risk Reduction*, the *Paris Agreement* to the *United Nations Framework Convention on Climate Change*, and the *Sustainable Development Goals*, especially Goal 2: zero hunger, Goal 3: good health and well-being, Goal 6: clean water and sanitation and Goal 13: climate action, Goal 14: life below water and Goal 15: life on land.

The GCCA+ SUPA project in Palau

Palau like many island countries is experiencing acute impacts of climate change. These impacts exacerbate the vulnerability of local communities' health and water security.

The Palau National Climate Change Policy 2015 and Palau Bureau of Public Health Strategic Plan identified health and water security as areas needing priority actions and interventions. Following national consultations in May and August 2019 the Palau National Climate Change Coordination Committee (NC4) selected to focus the SUPA project on health security. The five states of Aimeliik, Airai, Ngaremlengui, Ngatpang, Ngardmau on the island of Babeldaob were selected for the SUPA project.

The project aims to build resilience especially to water and vector borne diseases, whilst also improving communities' access to climate change resilience and health information. This will be achieved by expanding the existing school supplementary water storage system program to cover community evacuation shelters and increasing the capacity of vulnerable households to monitor, treat and maintain supplementary water storage systems including training in vector control and management at the state level. In addition, the project will improve access and sharing of climate resilience and health information to/for schools and communities. Project activities will prioritize vulnerable groups including the elderly, single mothers, persons with disability and low-income households.

The 2015 population estimate for the five states of Aimeliik, Airai, Ngaremlengui, Ngatpang, and Ngardmau where new water storage systems will be built are shown in the table below. These are the direct beneficiaries of the water storage systems project. It is anticipated that the population of not only the five selected states but the entire Palau population will also benefit from the SUPA community learning and outreach radio and environmental stewardship programmes.

Population figures (2015 census) for the direct beneficiaries of the SUPA Project

State	Total population 2015 census	Number of households 2015 census
Direct beneficiaries		
Aimeliik	334	96
Airai	2,455	617
Ngaremlengui	350	91
Ngatpang	282	63
Ngardmau	185	58
Total	3,606	925

Under Key Result Area (KRA) 1 of the Palau SUPA project, vulnerability to waterborne and vector borne diseases in Aimelik, Airai, Ngardmau, Ngaremlengui, and Ngatpang states in Babeldaob Island will be reduced. Measures include enhancing water storage capacity at selected states' evacuation centres, community outreach activities through training at the household level to monitor water quality in each of the five selected states, and training in vector control and management at the state level. This will also include purchase of water quality monitoring equipment.

KRA 2 will focus on developing a National Radio Communications Plan to build awareness about climate resilience and environmental stewardship, using a consultative process. The SUPA project will also purchase broadcasting and other equipment for the Ministry of State/Bureau of Domestic Affairs/Division of Media & Information Services through EPFM87.9 Public Radio to air real time radio programmes featuring climate resilience activities from the different states. In addition, education and learning activities for youth will also be conducted as part of KRA 2.

On 8th April 2020, and during the finalisation of this Project Design Document, the Minister of State for Palau requested that the purchase of the broadcasting and other equipment be fast-tracked to help the Government of Palau address the global COVID-19 pandemic and thereby provide all of its citizens with daily, accurate preparedness information about the pandemic. SPC and the European Union agreed to fast track the purchase of this equipment using the "SPC Invocation of Crisis Response Procurement Procedures in response to the Coronavirus", dated 13.02.20.

KRA 3 focuses on coordination of all the various activities and will be led by the National Climate Change Office, Ministry of Finance.

The SUPA project will adopt a gender-sensitive/rights based approach throughout the design and implementation period with the assistance of SPC's Social Development Programme and Regional Rights Resources Team.

The Ministry of Health will lead in the implementation of the Palau SUPA project, and in partnership with the Ministry of Education, Bureau of Public Works, Ministry of Natural Resources, Environment and Tourism, Environmental Quality Protection Board, Ministry of State and Ministry of Finance- Office of Climate Change.

Rationale

Based on the foregoing the justification and rationale for the SUPA project in Palau is as follows:

- Palau has selected one of the five sectors identified and agreed as priority sectors needing scaling up interventions for the SUPA project.
- The identified scaling up measure is an effective and tested measure that has elements of sustainability and can be implemented within the timeframe of the SUPA project.
- The selected scaled up measure has socio-economic benefits for the communities and can be implemented using an evidence-based gender-sensitive and rights-based approach.

- Adopting a gender-sensitive/rights-based approach will ensure that the principles of equality and equity are provided to rights holders in Palau.
- The selected scaled up measure fits within the scope of the SUPA project budget.
- The geography and location of Palau makes its people highly vulnerable to disaster and climate risks.
- Future projections for climate change show a very high confidence in the El Niño/La Niña patterns continuing through to 2100; added to which there is a very high confidence in the projected increase in mean and extreme temperatures, and in sea level rise. These projections will continue to increase the vulnerability of persons living in Palau.
- The government of Palau, through its policies, strategies and plans, places a high priority on strengthening health, water and food security.
- The SUPA project will provide tangible outcomes that will help the people of Palau cope with future health and water security challenges.
- The communication activities (scaling up of the Public Radio Station) will also assist Palau in addressing the COVID-19 pandemic by providing daily, accurate preparedness information about the pandemic to all of its citizens.

2. PROJECT SELECTION PROCESS

This section provides a timeline of the planning activities that have led to this Project Design Document. Activities are listed below in chronological order.

March 2019: The SUPA Planning and Inception Meeting was held in Suva from 4-6 March 2019. The project was introduced to various stakeholders and partners including representatives from SUPA project countries namely Cook Islands, Federated States of Micronesia (FSM), Fiji, Kiribati, Republic of the Marshall Islands (RMI), Nauru, Niue, Palau, Tonga and Tuvalu. Palau was represented by Ms. Lisa Van Tassell, Grants Officer, Office of Climate Change. Among other deliberations, the countries agreed on the criteria for scaling up.

May 2019: A consultation workshop was held in Palau from 20-21 May to introduce SUPA to the NC4 committee made up of various government and non-government agencies and help guide their selection of a focus sector and develop a draft concept note. There were 15 participants (F=7, M=8). Invited partners were asked to come prepared with a list of activities they want scaled up in SUPA. Health was selected as the focus sector by the NC4. Several activities were proposed by the various agencies present but activities from the Ministry of Health, Bureau of Agriculture, Ministry of State, Ministry of Education and Palau Community College were selected.

June 2019: The government of the Palau, through the National Climate Change Coordination Committee (NC4) consultation meeting decided that the SUPA project should focus on health and food security, with particular emphasis on the former.

June 2019: A concept note was submitted by Palau and was approved by EUD.

August 2019: A project design workshop was held in Koror, Palau 5-6 August 2019. There were 16 participants (F=7, M=9) from MOH, Ministry of Finance-Office of Climate Change, Bureau of Agriculture, Ministry of State, Ministry of Education, Palau Community College, NEMO, Red Cross, State government representatives from Aimeliik, Airai, Ngatpang, Ngaremlengui states, as well as SPC. The objectives, KRAs and budget were discussed and agreed.

November 2019: The government of Palau, through a consultation meeting with members of the NC4 committee involved in the SUPA project revised the project activities following a recommendation by the European Union to reduce number of planned activities to ensure project effectiveness and timely delivery.

January – March 2020, NC4 and the SUPA team in Palau continued the discussion to finalise the activities.

April 2020: On 8th April 2020, the Minister of State formally requested fast tracking of the purchase of portable live radio broadcasting equipment (part of KRA 2) to support the COVID 19 national response and expand live radio broadcasting coverage to more states.

This was supported by the European Union Delegation for the Pacific. SPC's Procurement Crisis Response Procedures will be applied.

April 2020: The project design document was finalised.

3. DETAILED PROJECT DESCRIPTION

This section describes the overall objective, specific objective and outputs, as well as the logical framework that is used to monitor progress. The section also includes the project budget and the schedule.

Overall objective

The overall objective is: Promoting and scaling up climate resilient practices in Palau

Specific objective

The specific objective is: Improving access to safe water in selected states and the sharing of information nationwide.

Key result areas and activities

KRA 1: Reduce vulnerability to water and vector borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, Ngatpang States

1.1 Confirm the emergency shelter sites with the State governments and confirm arrangements for maintenance through MOUs (In-kind support will also be provided by EQPB and DEH)

The Ministry of Health-Department of Environmental Health (DEH) and the Environmental Quality Protection Board (EQPB) will work with the State governments of Aimeliik, Airai, Ngardmau, Ngaremlengui and Ngatpang States to identify and confirm the sites for the water catchment systems at the emergency shelters for each state. Sites will be selected, using a rights-based and gender sensitive approach, and based on agreed criteria. This will also involve confirmation of arrangements for maintenance of the water catchment systems through an MOU between selected State governments and EQPB and DEH.

1.2 Enhancement of water catchment systems at selected emergency shelters across 5 states

Water catchment systems at selected emergency shelters with be designed and installed and/or refurbished. This will include the purchase and installation of water catchment systems and appurtenances where appropriate, by DEH in collaboration with EQPB and Palau Bureau of Public Works.

1.3 Purchase equipment and vehicle: Pick-up truck equipped for vector-borne surveillance and outbreak response, projector and public address system, and computer.

The equipment will include a vehicle (pick-up truck), projector and public address system, and a computer and monitor. The vehicle (pick-up truck) is required to transport staff and equipment, whilst safely separating passengers from hazardous chemicals e.g. deltamethrin spray, mosquito and rodent traps, during the on-site community vector control and water quality monitoring activities. Further, the dedicated vehicle will also provide additional

support for on-going and future program activities by transporting partners and other logistical items to and from training and field activities. (At the present time, the DEH does not have a suitable vehicle that can safely separate passengers/staff from the hazardous materials).

1.4 Purchase water quality and vector borne monitoring kits and supplies.

This will involve the purchase of reagents, test kits and testing strips for water quality monitoring, vector-borne disease surveillance kits, rodent traps, deltamethrin sprays and other materials.

1.5 Design and implement a water quality and vector-borne disease training program for communities in the 5 states: workshops, seminars, training meetings, transportation, office materials, and other related operational expenses.

This monitoring and training program will be designed and implemented over a two-year period. It will include stakeholder meetings, training meetings and workshops, seminars, oversight and reporting on the monitoring programme in the 5 states. The monitoring program will target state agencies and communities and will include the preparation of work and training schedules, content for training manuals, list of trainers, list of trainees, and number of sessions. It will also include community outreach activities to address water quality issues in all the 5 states. All activities will use a rights based and gender sensitive approach

KRA 2: Strengthen climate resilience through communication, education and outreach in Palau

2.1 Develop a plan for communication activities.

A National Radio Communications Plan to build awareness about climate change and ideas on building resilience will be developed for Palau led by the Ministry of State/Bureau of Domestic Affairs/Division of Information and Media Services, in collaboration with other relevant government agencies and partners. This will include a plan of radio communication activities to be implemented over the project timeframe. These communications activities will include interactive radio programs targeted at various audiences to help provide information and build community climate and disaster resilience using a rights based and gender sensitive approach.

2.2 Purchase portable live radio broadcasting equipment to fully equip Ministry of State/Bureau of Domestic Affairs/Division of Information and Media Services for onsite and live radio broadcasting and COVID-19 preparedness.

Radio broadcasting and related equipment will be purchased to support the implementation of the communication plan and to enable the radio station to broadcast to additional states beyond the existing two states of Koror and Airai. This will include purchasing of a vehicle to house and transport radio equipment and staff to and from radio broadcasting sites.

The vehicle will consist of a medium size cargo van, which will be a very important tool in the field reporting and information dissemination to the public (for SUPA and for COVID-19 activities). In particular for SUPA, it will allow for the actual presence of the media to capture and record any and all activities relating to climate change impacts, effects of climate change on the environment and people's health on live internet streaming and live radio broadcast and through recording of activities to be aired via radio, internet and the local television channels. At present the Radio Station has only two 12-year old vehicles, which are unreliable, require frequent maintenance and are unreliable.

On 8th April 2020, and during the finalisation of this Project Design Document, the Minister of State for Palau requested that the purchase of these materials be fast-tracked to help the Government of Palau address the global COVID-19 pandemic and thereby provide all of its citizens with daily, accurate preparedness information about the pandemic. SPC and the European Union agreed to fast track the purchase of this equipment using the "SPC Invocation of Crisis Response Procurement Procedures in response to the Coronavirus", dated 13.02.20.

The Requests for Quotations (RFQ) are being issued under SPC's Procurement Crisis Response Procedures in response to the Coronavirus. There are seven separate procurement packages.

1. Computers, tablets and accessories
2. Television and projector
3. Cameras, drones and accessories
4. Audio and public address systems
5. Broadcast transmitter and antenna
6. Cell phone and SIM cards
7. Hardware and cargo van

Refer to Annex 4 for a detailed list of the equipment.

2.3 Deliver a series of live broadcasts relating to climate resilience

This will involve the development and delivery of twice a month interactive live community broadcasting programs by the Ministry of State/Division of Information and Media Services featuring practical ways to enhance climate resilience in the states of Palau.

2.4 Evaluate communications programme (Before/after listener survey)

This will involve pre and post evaluation surveys of the radio broadcasting program to gauge listeners' understanding about climate change issues. It includes the Ministry of State/Division of Information and Media Services designing and developing a 12 months listener survey template and survey work plan to help evaluate the success of the radio broadcasting program.

2.5 Provide training to Grade 7 and Grade 9 teachers in the monitoring of ocean and coastal pollution and its impacts on climate change and human health

Training on climate, health and ocean stewardship will be provided to at least 75% of grade 7 and 9 teachers by the Ministry of Education to help upskill teachers so they can implement together with students basic monitoring of ocean and coastal pollution and thereby improve understanding of pollution on climate change and human health. Training will be conducted for elementary and high school teachers separately. Activities will include sharing of monitoring results and information between schools and other partners.

2.6 Purchase monitoring equipment, provide transportation and logistical support for the monitoring activities.

Simple measurement kits and materials will be purchased for the monitoring programme. Other costs will include transportation for the students and teachers to the monitoring sites, workshops and events to share and showcase the monitoring results.

KRA 3: Coordination and Reporting

3.1 Project Coordinator & project office costs in Office of Climate Change, Ministry of Finance

A SUPA Project Coordinator will be hired by the Palau government for a period of up to 2.5 years to be housed at the Ministry of Finance – Office of Climate Change to help coordinate, report and support implementation of SUPA project activities in Palau by the implementing government agencies and partners.

3.2 Project Finance Assistant (Part-time) & project office costs in office of Climate Change, Ministry of Finance

A SUPA Project Finance Assistant will be hired on part time contract by the Palau government for a period of up to 2.5 years to be housed at the Ministry of Finance – Office of Climate Change to help provide SUPA Project administrative and financial support including reporting requirements in collaboration with SUPA project implementing government agencies and partners.

4. INSTITUTIONAL ARRANGEMENTS, RISK MANAGEMENT AND EXIT STRATEGY

Institutional arrangements

Implementation

Implementation of this project in Palau will be the responsibility of the Ministry of Health in collaboration with the Ministry of State, Ministry of Education, Bureau of Public Works, Environmental Quality Protection Board, and Ministry of Finance- Office of Climate Change. The SUPA project in Palau is being implemented under the ambit of the Co-Delegation Agreement, Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+ SUPA), CRIS number: ENV/2018/398237, which was signed by representatives from the European Union Delegation to the Pacific, SPC and SPREP on 27th December 2018.

Project Oversight Committee

A Project Oversight Committee will be established consisting of representatives from Ministry of Health, Ministry of State, Ministry of Education, and Ministry of Finance- Office of Climate Chang in the first instance. Other members such as Bureau of Public Works, Environmental Quality Protection Board and NEMO may be added as required.

The Palau SUPA Project Coordinator and Finance Assistant, housed in the Office of Climate Change, will be responsible for establishing and providing administrative support for this Committee. It is expected that the Project Oversight Committee will meet quarterly and more often as required. Minutes of meetings will be kept. The SUPA Project Coordinator and Finance Assistant will provide regular (quarterly) updates on progress with the project and raising any concerns or problems that have been encountered. The committee will provide advice on how problems and issues may be addressed. Their main responsibility is guidance and oversight during project implementation.

Reporting

The Palau SUPA Project Coordinator and Finance Assistant will be responsible for providing quarterly narrative and financial progress reports to the SUPA project team in SPC in Suva. Short monthly Progress Reports will also be provided. A template for reporting will be provided.

Day to day implementation of the project

The Palau SUPA Project Coordinator with assistance from the SUPA Finance Assistant situated in the Office of Climate Change will have responsibility for overall coordination of the SUPA activities, including regular financial and narrative reporting to Palau government and to SPC as required. The Project Coordinator is also responsible for day-to-day coordination of the delivery of the three outputs. They will be responsible for planning and coordinating the activities with the other agencies. They report to the National Climate

Change Coordinator & Focal point to the UNFCCC in the Office of Climate Change, and the SUPA Project Manager in SPC.

Risk management

Risk	Risk level	Mitigating measure
Procurement challenges		
Procurement delays	High	• Programme in sufficient time for procurement procedures • Investigate option to have SPC do procurement of large items.
Implementing agencies have competing responsibilities		
Competing responsibilities within the implementing agencies	High	• Ensure agencies take ownership for the efficient delivery of their specific activities • Consider appointing a point person to be the "legs-on-the-ground" to keep activities on track in the Ministry of Health. • Hold a review of progress December 2020 and revise targets if required
Organisation of the Oceans Conference (scheduled for August 2020) will require significant staff time in the months leading up to August 2020	High	• Careful scheduling of the activities so as to accommodate the staff needs for the Oceans Conference.
New state administrations may have alternative priorities		
New incoming state administrations may have alternative agendas and priorities. Airai and Ngardmau have state elections in 2020.	Medium	• Ensure activities in each state are carefully planned and endorsed as early as possible. • Brief new administrations on taking office of the importance of the project.
Extreme events		
Project implementation delayed by an extreme weather event e.g. typhoon, ocean surge, severe El Niño drought, or major social/cultural events.	High	• Ensure planning of activities contains sufficient buffering for minimum one severe and disruptive weather event.
COVID-19 pandemic may result in significant delays to the delivery of activities	High	• Reschedule activities and work plans and utilise other forms of media for interaction between the Suva Project Team and country partners.
Assumptions • Global economic conditions and national governance do not prevent economic growth. • Global support for the Paris Agreement and Sendai Framework is maintained. • Continual high-level national government commitment to prioritising climate change and disaster risk management in the national development agendas.		

- Social and political stability is maintained.
- Continuous collaboration amongst development partners occurs and is documented to ensure coherence, complementarity and efficiency amongst climate change and disaster risk management interventions.

Exit Strategy

Strategy1: Mainstreaming

Integrating knowledge and application of climate and disaster risk resilience measures into the agency responsible for national communications will contribute to mainstreaming. The SUPA project will be assisting Palau to implement a National Radio Communications Plan using a participatory and rights and gender based approach. It will incorporate current and future climate and disaster risk challenges, projections and proactive measures for adaptation and mitigation, and is in keeping with the Framework for Resilient Development for the Pacific (FRDP). Lessons learnt in applying a gender-sensitive/rights-based approach from the RENI project will be applied.

Strategy 2: Further funding

Identifying alternative sources of grant funding or loan finance, or national government funds in order to continue a project's activity is a second exit strategy. SUPA also provides an opportunity for state stakeholders (Senators/Mayors) to voice their concerns directly to National Government, as was done during the Project Design Consultation on 5-6 August 2019.

SUPA is working closely with a number of climate change adaptation and disaster risk management projects being implemented by SPC, as well as other projects implemented by regional and international organisations. Throughout the course of the project, routes to create synergies with other longer running activities will be pursued and where appropriate, developed.

Strategy 3: Private enterprise

Developing an alternative business and/or operational model, through commercialising aspects of the project or employing user pay principle, is a third exit strategy. Within the scope of SUPA, private sector involvement in disaster risk management and climate change adaptation interventions and primary beneficiaries' contribution to maintenance of assets will be encouraged where appropriate. Discussions with the Ministry of Health, Palau Public Utilities Corporation, State government and communities will be pursued.

Strategy 4: Project closure

Winding down a project's activities as efficiently and effectively as possible in order not to impact adversely on the project's staff and its stakeholders, and to capture the benefits and any lessons learned is a fourth exit strategy. The project will work to efficiently wind down the activities as the end date is approached.

Lessons learnt from the Global Climate Change Alliance: Pacific Small Island States (GCCA: PSIS) will be applied and include allowing sufficient time and staff for an efficient and complete closure process, complete documentation of all narrative and financial materials, and perhaps most importantly the compilation and sharing of lessons learnt through interactive discussion sessions with national stakeholders and regional partners.

Annex 1: Indicative Logframe Matrix GCCA+ SUPA Activities in Palau

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. Note also that indicators will be disaggregated by sex whenever relevant.

Intervention logic	Indicators	Baselines (2020)	Targets (2022)	Sources and means of verification	Assumptions
• **Overall objective**: Promoting and scaling up climate resilient practices in Palau	• NC4 strengthened to guide and implement future climate change adaptation projects and programs, which also promote a gender sensitive/rights based approach.	• 0	•NC4 plays a significant role in the design of minimum 1 new climate change adaptation/ disaster risk management projects/ activities.	• Reporting on SDGs especially 3, 5, 6, 13. • Reporting on national and sector policies & plans. • Reporting on SPC's development & strategic goals. • Capacity surveys and interviews. • Project reports • Minutes of NC4 meetings.	

Intervention logic	Indicators	Baselines (2020)	Targets (2022)	Sources and means of verification	Assumptions
Specific objective: • Improving access to safe water in selected states and the sharing of information nationwide	• Radio Communications Plan which incorporates a gender-sensitive and rights-based approach finalised and in use. • Number of interactive radio programs featuring practical measures to enhance climate resilience such as through improved access to safe water.	• 0 • 0	• 1 Radio Communication Plan developed, tested and finalised. • Minimum 12 radio programmes using different formats and featuring climate resilience broadcast	• Assessments of ongoing and past related health activities • Reports and analysis on health monitoring • Project reports • Asset registers and handover reports. • Training reports • Media releases	• Palau government and partners continue to support and implement projects and programmes that promote access to safe water.

Intervention logic	Indicators	Baselines (2020)	Targets (2022)	Sources and means of verification	Assumptions
KRA 1: Reduce vulnerability to waterborne and vector borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, Ngatpang States	• Number of water storage systems installed at evacuation centres • Number of households trained and monitoring water quality of their individual water storage systems • Number of appropriate state government agency trained personnel undertaking vector control and management activities in 3 states.	• 0 Unknown • 0	• 1 community evacuation centre in each of 2 states. • 20 households in each of 2 states trained and regularly monitoring household water quality. • 3 state government staff in each of 3 states.	• Assessments of ongoing and past related activities. • Reports on consultations • Community plans and state plans • Annual reports from government sectors (MOH & EQPB) • Asset registers and handover reports. • Project reports • Training reports	• Access to safe water results in community preparedness and resilience to impacts of climate change on water. • Governments and communities willing to proceed with project implementation • Sufficient local resources and skills available • Natural and man-made hazards do not adversely affect project delivery

Intervention logic	Indicators	Baselines (2020)	Targets (2022)	Sources and means of verification	Assumptions
KRA 2: Strengthen climate resilience through communication, education and outreach in Palau	• Number of trainings in monitoring ocean and coastal pollution held for grade 7 and 9 teachers. • Number of listeners with improved understanding of climate resilience through evaluation of communications programme.	•0 •0	•75% of grade 7 and 9 teachers trained in monitoring ocean and coastal pollution. •10% increase in listeners in 4 states with improved understanding of climate resilience over a 12-month period	• Desktop review of existing and relevant policies and plans • Reports on consultations • Project reports • Radio program listener's survey and feedback reports. • Training reports • Data compilation and analysis reports • Asset registers and handover reports. • Media releases • Published Radio Communication Plan	• Beneficiaries are open to multi-sectoral approaches, and are willing to strengthen policies, plans and budgets where appropriate. • Beneficiaries willing to adopt a gender-sensitive/rights-based approach. • Schools and communities willing to implement and proceed with project activities.

Intervention logic	Indicators	Baselines (2020)	Targets (2022)	Sources and means of verification	Assumptions
KRA 3: Project Coordination and reporting	• Number of quarterly narrative reports submitted by SUPA Project Coordinator • Number of quarterly financial reports submitted by SUPA Project Finance Assistant	• 0 • 0	• 10 reports • 10 reports	• Quarterly narrative and financial reports	• SUPA Project Coordinator and Finance Assistant is recruited by Q2 2020

Annex 2 Project Activities and Indicative Budget

Activity	Activity Cost (Euros)	KRA Cost (Euros)
KRA 1: Reduce vulnerability to waterborne and vector-borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, Ngatpang States		
1.1 Confirm the emergency shelter sites with the State governments and confirm arrangements for maintenance through MOUs (In-kind support by EQPB and DEH)	In-kind support	
1.2 Enhancement of water catchment systems at selected emergency shelters across 5 states	45,000	
1.3 Equipment and vehicle: Pick-up truck equipped for vector-borne surveillance and outbreak response, projector and public address system, and computer.	37,000	
1.4 Water quality and vector borne monitoring kits and supplies: Reagents, water quality testing kits, vector-borne disaese surveillance kits, rodent traps, sprays and other materials.	40,000	
1.5 Develop and implement a water quality and vector-borne disease training program for communities in the 5 states: workshops, seminars, training meetings, transportation, office materials, and other related operational expenses.	65,000	
Total KRA 1		**187,000**
KRA 2: Strengthen climate resilience through communication, education and outreach in Palau		
2.1 Develop a plan for communication activities	11,000	
2.2 Purchase portable live radio broadcasting equipment to fully equip Ministry of State/Bureau of Domestic Affairs/Division of Information and Media Services for onsite and live radio broadcasting and COVID-19 preparedness		
Package 1 Computers tablets and accessories.		
Package 2 Television and projector		
Package 3 Cameras, drones and accessories	95,000	
Package 4 Audio and Public Address systems		
Package 5 Broadcast transmitter and antenna		
Package 6 Cell Phone and Sim cards		
Package 7 Hardware and Cargo Van		
2.3 Deliver and evaluate series of live broadcasts relating to climate resilience	10,000	
2.4 Evaluate communications programme (Before/after listener survey)	2,000	
2.5 Provide training to Grade 7 and Grade 9 teachers in the monitoring of ocean and coastal pollution and its impacts on climate change and human health	20,000	
2.6 Purchase monitoring equipment, provide transportation and logistical support for the monitoring activities.	45,000	
Total KRA 2		**183,000**
KRA 3 Coordination and reporting		
3.1 Project Coordinator	**76,000**	
3.2 Project Finance Assistant (part-time)	**34,000**	
Total KRA 3		**110,000**
SUB TOTAL		**480,000**
Contingency		20,000
TOTAL + Contingency		**500,000**

SPC will enter into a Grant Agreement (Grant 1) with the Government of Palau to fund the SUPA Project Coordinator and a Project Finance Assistant covered under KRA 3. SPC will enter into a second Grant Agreement (Grant 2) with the Government of Palau to fund the implementation of selected activities described under KRA 1 and KRA 2 unless it is decided that SPC will procure directly. In particular, the materials for Activity 2.2 will be directly procured by SPC under the Procurement Crisis Response Procedures in response to COVID-19 pandemic.

Grant 1: SUPA Project Coordinator and Finance Assistant

The first payment for the SUPA Project Coordinator and Finance Assistant will be paid once the grant agreement is signed by all parties. The second payment can be requested once a certified copy of the signed employment contract with the SUPA Project Coordinator and Finance Assistant has been received by the GCCA+ SUPA team in Suva, Fiji. The third payment can be requested once monthly progress reports (using templates provided by SPC) for the first 18 months of employment have been accepted by SPC. The final payment can be requested once monthly progress reports for the remaining months of employment have been accepted by SPC. Apart from the monthly progress reports, the SUPA Project Coordinator and Finance Assistant will also submit quarterly narrative and financial reports, as per templates provided by SPC, by the end of the month following the quarter.

Grant 2: Implementation of activities

The first payment for the implementation of activities will be paid once this Project Design Document and any Grant Agreement is signed by all parties. Subsequent payments can be requested once 70% of the previous payment has been fully acquitted.

Other information

The Government of Palau will oversee accurate and regular records and accounts of the implementation of the Action. The following conditions will also apply:

- Financial transactions and financial statements will be subject to the internal and external auditing procedures laid down in the financial regulations, rules and directives of SPC.
- Scanned copies of supporting documents relating to each financial transaction will form part of the quarterly acquittal. Originals will be retained by the Ministry of Finance, Palau and made available upon request.
- Fixed assets (equipment): All fixed assets (equipment) will remain the property of SPC until the closure of the project. On closure of the project, the assets will officially be handed over by SPC to the respective stakeholders in Palau. An asset register of all assets purchased should be maintained by the SUPA Project Coordinator and Finance Assistant and kept in the Ministry of Finance office.
- All procurement will be based on SPC's Procurement Policy (see below) whereby:
  - 3 quotes are required for any procurement above EUR 2,000; and
  - the full tender process is required for items above EUR 45,000. SPC will work closely with Palau on any procurement above EUR 45,000.
- SPC Procurement Policy

SPC procurement Policy.pdf

Annex 3 Schedule of activities

Activity	Time line for Activities					
	M 1-6 2020	M7-12 2020	M1-6 2021	M7-12 2021	M1-6 2022	M7-12 2022
KRA 1: Reduce vulnerability to water and vector borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, Ngatpang States						
1.1 Confirm the sites with the State governments and confirm arrangements for maintenance through MOUs (In kind support by EQPB and DEH)						
1.2 Design, purchase and install water catchment systems.						
1.3 Purchase equipment and vehicle: Pick-up truck equipped for vector-borne surveillance and outbreak response, projector and public address system, and computer.						
1.4 Purchase water quality and vector borne monitoring kits and supplies: Reagents, water quality testing kits, vector-borne disease surveillance kits, rodent traps, sprays and other materials.						
1.5 Develop and implement a water quality and vector-borne disease training program for communities in the 5 states: workshops, seminars, training meetings, transportation, office materials, and other related operational expenses.						
KRA 2: Strengthen climate resilience through communication, education and outreach in Palau						
2.1 Develop a plan for communication activities						
2.2 Purchase radio broadcast communication equipment						
2.3 Deliver and evaluate series of live broadcasts relating to climate resilience						
2.4 Evaluate communications programme (Before/after listener survey)						
2.5 Provide training to Grade 7 and Grade 9 teachers in the monitoring of ocean and coastal pollution and its impacts on climate change and human health						
2.6 Purchase monitoring equipment, provide transportation and logistical support for the monitoring activities.						
KRA 3: Coordination and Reporting						
3.1 Project Coordinator						
3.2 Project Finance Assistant (part time)						

Annex 4. Listing of Communications Equipment

NO	ITEM DESCRIPTIONS	Quantity	AMOUNT in (USD)
	Procurement Package 1. Computers, Tablets and Accessories		
1.	WD 8 TB Book Desktop External Hard Drive - USB 3.0 WDBBGB0080HBK-NESN	2	
2.	CableVantage Premium HDMI Cable 100ft for TV HDTV 3D DVD PS$ Xbox One XBOX LCD HD TV 1080p v1.4 High Speed Braided Nylon HDMI Cable White Ethernet & Audio Return, PSS3/PS4, Xbox360	1	
3.	2017 Dell Professional 27" Full HD IPS 1920x1080 Widescreen LED Monitor at 60 Hz, 16:9, 6ms, 250 cd/m2, 1000:1, 178 degrees/178 degrees, VGA, HDMI, USB 2.0, Headphone Jack, Speakers, VESA Mount, Black	3	
4.	Wireless Display Dangle Receiver Screen Mirror 1080P WiFi Media Streamer for Iphone/Android/Windows/Macbook Mirroring to TV/Projector Support Miracast & Airplay & DLNA	2	
5.	Dell XPS15 Touch	3	
6.	KOPACK Lightweight Laptop Backpack USB Water Resistant 15.6 Inch Business Slim Back Pack Charging Travel Bag	3	
7.	2017 Newest Dell Premium Business Flagship Desktop PC with Keyboard & Mouse Intel Core I5-7400 Processor 8GB DDR4 RAM 1TB 7200RPM HDD Intel 630 Graphics DVD-RW HDMI VGA Windows 10-Black	4	
8.	Dell PowerEdge T430 5U Tower Server - 1 x Intel Xeon E5-2603 v4 Hexa-core (6 Core) 1.70 GHz - 8 GB Installed DDR4 SDRAM	3	
9.	Dell 463-7475 1.2TB 10K SAS 2.5" 12Gb/s Hard Drive with 13TH Generation Tray	1	
10.	Seagate Expansion Desktop 8TB External Hard Drive HDD – USB 3.0 for PC Laptop (STEB8000100)	1	
	Procurement Package 2. TV and projector		
11.	Sony XBR55X900F 55-Inch 4K Ultra HD Smart LED TV (2018 Model)	1	
12.	Epson Pro EX9220 1080p+ WUXGA 3,600 lumens color brightness (color light output) 3,600 lumens white	1	

	Procurement Package 3. Cameras, Drones and Accessories		
13.	Feiyu Tech Feiyu a 1000 3-Axis Gimbal Stabilizer for sonny a6500 a6300 a6000 RX10, Panasonic G7	1	
	iPhone x8 7Plus, Samsung Galaxy S8, GoPro Hero 6 5, Payload 150-1700g, with carrying case		
14.	Neewer 50-in-1 Action Camera Accessory Kit for GoPro Hero 6 5 4 3+ 3 2 1 Hero Session 5 Black AKASO	3	
	EK7000 Apeman SJ4000 5000 6000 DBPOWER AKASO VicTsing WiMiUS Rollei QUMOX Lightdow Campark and Sony Sports Dv and More		
15.	Artman GoPro 5/6/7 1480mah Replacement Batteries (2 Pack) and 3-Channel LED USB Charger for GoPro	3	
	Hero 5 Black, AHDBT-501,AHBBP-501,HERO(2018), HERO 6, HERO 7 Black		
16.	Zhiyun Official Smooth 4-3 -Axis Handheld Gimbal Stabilizer for smartphone (with Tripod)	2	
17.	GoPro Heero5 Black (E-Commerce Packaging)	2	
18.	Panasonic Lumix DMC-G7 Mirrorless Camera with 14-42mm Lens (Silver)+ 32GB Memory + Basic Photo Accessory Bundle	1	
19.	Neewer Carbon Fiber 66 inches/168 Centimeters Camera Tripod Monopod with 360 Degree Ball Head,	2	
20.	SlingStudio Hub Portable Wireless Boadcast HD Video Production Unit+Battery pack+2x wireless cameraLinks+USB-C Expander+128GB Card + Case Kit	2	
21.	SlingStudio Backpack	1	
22.	DJI Mavic Pro Drone Quadcopter Fly More Combo with 3 Batteries, 4K Professional Cameral Gimbal Bundle Kit	1	
23.	Cable Matters 2 Pack Mini HDMI to HDMI Adapter (HDMI to Mini HDMI Adapter) 6 inches	1	
24.	Solar Charger SUNLIT Portable Power Bank with Flashlight All Weather Condition Shackproof Dustproof Waterproof IP 67	4	
	1600mAh Dual USB Battery Pack For Iphone Samsung Android BLACK		
25.	SanDisk Extreme 64GB microSDXC UHS-I Card with Adapter SDSQXVF-064G-GN6MA	4	
26.	Panasonic Lumix DMC-FZ1000 0.5X High Definition Super Wide Angle Lens w/Macro +62mm 3 Piece Filter Kit	1	
27.	Panasonic Lumix G X Vario Power Zoom Lens, 45-175mm, F4.0-5.6 ASPH, Mirrorless Micro Four Fhirds, Power Optical I.S,	1	
	H-PS45175 K (USA BLACK)		
28.	KOPACK Lightweight Laptop Backpack USB Water Resistant 15.6 Inch Business Slim Back Pack Charging Travel Bag	2	
29.	AmazonBasic Hard Camera Case - Large	1	
30	COMAN KX3232 Lightweight Aluminum Monopod Kit, with Q5 Fluid Head and Removable feet, 73 in Max Load 13.2 LB for USB-C Expander+128GB Card + Case Kit	1	
31	Vicdozia 19" Waterproof Hand Grip Adjustable Extension Selfie Stick Handheld Monopod Compatible with GoPro Hero	1	
	(2018) Hero 7 6 5 4 3 + 3 2 1 AKASO, SJCAM SJ4000 Xiamomi Yi More Action Camera Blue		
32	SlingStudio Wireless CameraLink with Battery Pack + USB-C Expander + 2TB Portable Hard Drive + Kit	2	
33	Canon VIXIA HF G21 Full HD Camcorder	2	
34	Canon VL-5 On-Camera 5 Watt Video Light	2	
35	Blackmagic Design HyperDeck Studio Mini	1	
36	Canon DM-100 Directional Stereo Microphone	2	
37	Arco V15G Camcorder Shoulder Bag	2	
38	Hoya 58mm UV Haze NXT HMC Filter	2	
39	Magnus VT-4000 Tripod System with Fluid Head	3	
40	Hollyland Mars 300 Dual HDMI Wireless Video Transmitter & Receiver	3	
41	Roland V-1HD Portable 4 x HDMI Input Switcher	1	
42	JVC 4K CAM with Mic, Spare Battery and Soft Case Kit	1	
43	Watson BP-828 Lithium-Ion Battery Pack (7.4V, 2670mAh)	2	
44	Black Magic Web Presenter	2	
45	Watson NP-F770 Battery Kit with Compact AC/DC Charger	6	
46	Blackmagic Design Micro Studio Camera 4K	1	
47	Blackmagic Design Micro Converter Bidirectonal SDI/HDMI with Power Supply	4	
48	Atmos Full to Mini HDMI Coiled Cable (11.8 to17.7")	4	
49	SanDisk 512GB Extreme Pro UHS-I SDXC Memory	6	
50	Blackmagic Design Teranex Mini Smart Panel	2	

	Procurement Package 4. Audio and PA systems		
51.	Focusrite SCARLET Studio Pack w/CM25 Microphone, Headphones, 2i2, Code for Software Bundle Mic Cable,Boom Stand, and Pop Filter	1	
52.	RODE VideoMic Studio Boom Kit with windmuff-VM, windmuff, Boom Stand, Adapter, 25' Cable	2	
53	Audio2000s 6032uf UHF Dual Channel Wireless Microphone with Two Headband Headset & Two Lape (Lavalier) Mic	1	
54	CyberPower PR2200LCD Smart App Sinewave UPS System, 2200VA/1980W, 10 Outlets, AVR, Tower	1	
55	CyberPower PR1500LCDN Smart App Sinewave UPS System, 1500VA/1050W, 8 Outlets, AVR, Mini-Tower with Network Card	1	
56	APC UPS 1500VA Battery Backup & Surge Protector, APC UPS BackUPS Pro (BX1500M)	4	
57	Yamaha STAGEPAS 600BT Portable PA System Bundle with Microphone, Speaker Stands, Cables, and Austin Bazaar Polish Cloth	1	
58	Mudder 5 Pack Foam Mic Cover Handheld Microphone Windscreen, Black	2	
59	Sennheiser XSW 1-825 DUAL-A Channel Wireless Microphone System	1	
60	SEISMIC AUDIO- SAXLX-100 - 6 Pack of 100' Green XLR Male to XLR Female Microphone Cables Balanced - 100 Foot Patch Cords	1	
61	SEISMIC AUDIO - SATRXL -M10-6 Pack of Muliple Colored 10' XLR Male to 1/4" TRS Patch Cables	1	
62	PANASONIC LUMIX G II Vario Lens, 100-300MM, MIRRORLESS Micro Four Thirds, Power O.I.S, H-FSA 100300 (USA Black)	1	
63	Shure SM7B Vocal Dynamic Microphone, Cardioid	2	
64	Behringer U-Control Uca222 2IN/2 Out USB audio Interface W/Software Bundle + Accessory Bundle w/Headphones	2	
65	Audio-Technica AT2020 Cardioid Condenser Studio XLR Microphone, Black	1	
66	Depusheng Hybrid Amplifier Receiver - Home Theater Amp Stereo, Bluetooth Streaming, MP3/USB/SD Readers, FM Radio, 560 Watt	1	
	Procurement Package 5. Broadcast equipment		
67	Crown Broadcast FM500T 500W FM Transmitter w/Processor & Stereo Generator By Crown	1	
68	4bays FM Broadcast Antenna 87.5-98 MHz 600-5000W-Circular polarization-Aluminum	2	
69	AEQ BRAVO-TT 12Ch Console with Hybrids, table top version BSW PART: BRAVO-TT	2	
70	JK Audio RemoteMix 4 Portable Broadcast Mixer from BSW PART: REMOTEMIX4	2	
	Procurement Package 6. Cell phone and sim cards		
71	Samsung Galaxy S20+	1	
72	PalauCel Prepaid SIM Card	1	
	Procurement Package 7. Hardware and Cargo Van		
73	Yaheetech 10 X 20ft Outdoor Pop Up Canopy Tent	1	
74	6' Folding Table Portable Plastic	2	
75	Waterproof Case (Dry Box) | Pelican Storm iM2750 Case With Foam (Black)	1	
76	Pelican Air 1535 Case With Foam (Black)	1	
77	Champion 3100-Watt RV Ready Portable Inverter Generator	1	
78	2019 Nissan NV 200 SV FWD 4D Cargo Van	1	

GCCA+
THE GLOBAL CLIMATE CHANGE ALLIANCE PLUS INITIATIVE

Funded by the European Union

Pacific Community
Communauté du Pacifique

Project Design Document Amendment #1

Between

The Pacific Community

And

The Government of Palau

For the
Implementation of the Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation Project in Palau

Dear Sir/Madam,

Reference is made to the Project Design Document (PDD) dated 5th May 2020 which was endorsed for the implementation of the Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+ SUPA) Project in Palau. We now wish to amend the PDD to include another option for funding arrangements.

Now therefore the relevant PDD provisions indicated below are hereby amended to read as follows:

Annex 2: Notes to the Project Activities and Indicative Budget (page 30 of PDD)

- A Grant Agreement between SPC and the Government of Palau will fund the Project Coordinator and the Project Finance Assistant covered under KRA 3. All procurement under this Grant Agreement will be based on the SPC Procurement Policy.
- Service Contracts may be entered into to fund selected activities described under KRAs 1 and 2. Alternatively, SPC may undertake the procurement for some activities.
- All payments will be made in Euros.
- The Government of Palau will oversee accurate and regular records and accounts of the implementation of the Action.
- Fixed assets (equipment): All fixed assets (equipment) will remain the property of SPC until the closure of the project. On closure of the project, the assets will officially be handed over by SPC to the respective stakeholders in Palau. An asset register of all assets purchased should be maintained by the Project Coordinator and kept in Ministry of Finance.
- SPC Procurement Policy

SPC Procurement policy - 10 April 201

GCCA+
THE GLOBAL CLIMATE CHANGE ALLIANCE PLUS INITIATIVE

Funded by the European Union

Pacific Community
Communauté du Pacifique

Project Design Document Amendment #2

Between

Pacific Community (SPC)

And

The Government of Palau

For the Implementation of the Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation Project in Palau

The Project Design Document (PDD) dated 5th May 2020 and amended on 21st September 2020 for the implementation of the Global Climate Change Alliance Plus – Scaling Up Pacific Adaptation (GCCA+SUPA) Project in Palau is hereby amended to apply the utilization of EUR 53,293 reallocated from the project's overall savings for 2020, as follows:

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KRA 1: Reduce vulnerability to water and vector borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, Ngatpang States

1.3 Purchase equipment and vehicle: Pickup truck equipped for vector -borne surveillance and outbreak response, projector and public address system, and computer

This will involve the purchase of additional equipment to support the community activities on vector borne and water quality issues in all the 5 states. The additional equipment are satellite phones, dog repellents, rain shell jackets, tablets for data collection, sim cards and UV flashlights.

1.6 Preparation, overall design, and oversight of installation of rainwater harvesting systems at emergency shelters in five states.

This will involve the overall design and oversight by the Bureau of Public Works of the installation and construction completion of rainwater harvesting systems at emergency shelters in five states.

An additional EUR 21,151 will be added to cover additional activities in 1.3, and 1.6 bringing the total funds for KRA 1 to EUR 208,151.

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KRA 2: Strengthen climate resilience through communication, education, and outreach in Palau

2.2 Purchase portable live radio broadcasting equipment to fully equip Ministry of State/Bureau of Domestic Affairs/Division of Information and Media Services for onsite and live radio broadcasting and COVID-19 preparedness.

This will involve purchase of radio equipment to improve the efficiency and stabilize radio frequency during live broadcasts. This additional equipment, included as Package 8, are digital television subscription to the online service channel, wireless intercom, iPad, and drop internet line for field broadcasts.

2.6 Purchase monitoring equipment, provide transportation and logistical support for the monitoring activities.

This will involve purchasing drones and mobile phones for aerial photography and quality video to upgrade monitoring and improve data collection and documentation.

An additional EUR 25,272 will be added to cover activities 2.2 and 2.6 bringing the total funds for KRA 2 to EUR 208,272.

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KRA 3: Coordination and Reporting

3.3 Monitoring and evaluation (M&E) training workshop for MOE, MOH and MOS partners and preparation of M&E action plans

This will involve hiring an M&E consultant to conduct an M&E training workshop for national implementing partners conducting the GCCA+ SUPA activities in Palau and the preparation of M&E plans. EUR 7,500 is allocated to budget line 3.3, bringing the total funds for KRA 3 to EUR 117,500.

Annex 2 Project Activities and Indicative Budget

Activity	Activity Cost (Euros)	Activity costs amended (Euros)
KRA 1: Reduce vulnerability to waterborne and vector-borne diseases in Aimeliik, Airai, Ngardmau, Ngaremlengui, Ngatpang States		
1.1 Confirm the emergency shelter sites with the State governments and confirm arrangements for maintenance through MOUs (In-kind support by EQPB and DEH)	In-kind support	
1.2 Enhancement of water catchment systems at selected emergency shelters across 5 states	45,000	45,000
1.3 Equipment and vehicle: Pick-up truck equipped for vector-borne surveillance and outbreak response, projector and public address system, and computer.	37,000	48,151
1.4 Water quality and vector borne monitoring kits and supplies: Reagents, water quality testing kits, vector-borne disease surveillance kits, rodent traps, sprays and other materials.	40,000	40,000
1.5 Develop and implement a water quality and vector-borne disease training program for communities in the 5 states: workshops, seminars, training meetings, transportation, office materials, and other related operational expenses.	65,000	65,000
1.6 Preparation, overall design, and oversight of installation of rainwater harvesting systems at emergency shelters in 5 states.		10,000
Total KRA 1	**187,000**	**208,151**
KRA 2: Strengthen climate resilience through communication, education and outreach in Palau		
2.1 Develop a plan for communication activities	11,000	11,000
2.2 Purchase portable live radio broadcasting equipment to fully equip Ministry of State/Bureau of Domestic Affairs/Division of Information and Media Services for onsite and live radio broadcasting and COVID-19 preparedness	95,000	95,000
Package 1 Computers tablets and accessories.		
Package 2 Television and projector		
Package 3 Cameras, drones and accessories		
Package 4 Audio and Public Address systems		
Package 5 Broadcast transmitter and antenna		
Package 6 Cell Phone and Sim cards		

Package 7 Hardware and Cargo Van		
Package 8 Radio equipment for live broadcasts.		10,272
2.3 Deliver and evaluate series of live broadcasts relating to climate resilience	10,000	10,000
2.4 Evaluate communications programme (Before/after listener survey)	2,000	2,000
2.5 Provide training to Grade 7 and Grade 9 teachers in the monitoring of ocean and coastal pollution and its impacts on climate change and human health	20,000	20,000
2.6 Purchase monitoring equipment, provide transportation and logistical support for the monitoring activities.	45,000	60,000
Total KRA 2	**183,000**	**208,272**
KRA 3 Coordination and reporting		
3.1 Project Coordinator	76,000	76,000
3.2 Project Finance Assistant (part-time)	34,000	34,000
3.3 Monitoring and evaluation (M&E) training workshop for MOE, MOH and MOS partners and preparation of M&E action plans		7,500
Total KRA 3	**110,000**	**117,500**
SUB TOTAL	**480,000**	**533,923**
Contingency	20,000	20,000
TOTAL + Contingency	**500,000**	**553,923**

* Utilisation of the Contingency budget line will require SPC's approval