

## Global Climate Change Alliance Plus (GCCA+) Scaling Up Pacific Adaptation Project (SUPA)

### Project Concept Note

Name of Country	Palau	
Name of Lead Agency/Ministry	Ministry of Health and Ministry of Finance	
<b>General Information</b>		
Project Title	Enhancing Community Health and Resilience to Climate Change and Disasters	
Project Site(s)	Ngardmau, Ngeremlengui, Ngatpang, Aimeliik, & Airai	
Project Duration	3.5 years	
Project Partners	Palau Community College – Cooperative Research and Extension, Ministry of Natural Resources, Environment and Tourism, Environmental Quality Protection Board, Ministry of State, Ministry of Education	
Indicative Project Cost	\$550,000USD	
<i>Funding modality: Indicate below your country's preference for funding arrangements for a national coordinator and implementation.</i>		
Do you need a national coordinator (Yes or No)? Yes		
If you answered “No” above, proceed to question 3.		
1. Place a tick in the box on the right to indicate the modality for funding the national coordinator position.		
Country recruits and pays the national coordinator through a Grant Agreement with SPC		X
SPC recruits the national coordinator so he/she becomes an SPC staff based in-country		
2. In which agency will the national coordinator be housed? Office of Climate Change		
3. Place a tick in the box on the right to indicate the modality for funding implementation of activities.		
Country carries out procurement for all activities through a Grant Agreement with SPC (and according to SPC’s procurement policies and procedures)		
SPC carries out procurement for all activities		
Blend of the above two modalities		X

<p>Project Description and Link to SUPA Output 3</p>	<p style="text-align: center;"><b><u>Enhancing Community Health and Resilience to Climate Change and Disasters</u></b></p> <p>Palau like many island countries is experiencing acute impacts of climate change. These impacts exacerbate the vulnerability of local communities’ health, water security and food production.</p> <p>The project aims to build resilience especially to water and vector borne diseases, whilst also decreasing the risks associated with non-communicable diseases (NCDs). This will be achieved by expanding the existing school supplementary water storage system program to community evacuation shelters and increasing the capacity of vulnerable households to monitor, treat and maintain supplementary water storage systems. The project will also replicate sustainable production methods of local food and promote the consumption of these local foods in an effort to reduce dependence on imported foods. Lastly, the project will improve access and sharing of climate resilience and health information to/for schools and communities. Project activities will prioritize vulnerable groups e.g. the elderly, single mothers, persons with disability and low-income households.</p>
<p>Proposed Project Outputs</p>	<p><b>Output 1:</b> Reduced vulnerability to water-borne diseases by replicating “Access to Safe Water Project” implemented at schools to community shelters and select households.</p> <ul style="list-style-type: none"> <li>• Expand the existing school supplementary water storage system program to community evacuation shelters.</li> <li>• Increase capacity of individual households to monitor, treat and maintain supplementary water storage systems, prioritizing vulnerable groups.</li> <li>• Strengthen existing water monitoring program to combat water-borne diseases.</li> </ul> <p><b>Output 2:</b> Enhanced local food production systems that build resilience and decrease risks associated with NCDs:</p> <ul style="list-style-type: none"> <li>• Expand existing fruit tree propagation and cultivation program.</li> <li>• Replicate dry piggery systems in two states.</li> <li>• Replicate aquaculture farm in three states.</li> </ul> <p><b>Output 3:</b> Improved access and sharing of climate resilience information to/for schools and communities.</p> <ul style="list-style-type: none"> <li>• Improve capacity of the public radio station to directly engage with stakeholders on climate resilience and health issues.</li> </ul>

	<ul style="list-style-type: none"> <li>• Improve mobility of the public radio station to communicate and disseminate information on climate resilience and health issues in order to interactively engage and empower community members.</li> <li>• Strengthen schools' climate, health, and ocean stewardship program through action-based education.</li> </ul>
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General Criteria for Identification of Projects	
Criteria	How does the proposed project adhere to the criterion?
<p>1. Each country is to select <b>one</b> sector from the following list for scaling up: <i>i) Food security, ii) Water security, iii) Human health, iv) Coastal protection, v) Marine resources</i>); and the sector selected must be linked to national priorities.</p>	<p><b>Sector selected:</b> Health Sector</p> <p><b>How is this sector selection linked to national priorities?</b></p> <p>The actions being proposed for this project are aligned with:</p> <ul style="list-style-type: none"> <li>- The Palau Climate Change Policy</li> <li>- The Bureau of Public Health Strategic Plan</li> <li>- National Disaster Risk Management Framework (Rev 2016)</li> </ul> <p>The Health sector is one of 12 sections in the 5-year Action Plan (2015-2020) of the Palau Climate Change Policy. The following interventions and actions fall under Section B: Health:</p> <p><u>Intervention B.2</u></p> <p>Strengthen resilience within vulnerable communities, including persons with disabilities.</p> <p><u>Action B.2.2</u></p> <p>Facilitate local food production within vulnerable segments of society (persons with disability, low-income households, elderly, single mothers).</p> <p><u>Intervention B.3</u></p> <p>Improve health services, communication systems, and preventative health services to build resilience to waterborne and vector-borne diseases.</p> <p>Thematic Area 9 of the Bureau of Public Health Strategic Plan (2015-2020) is Climate Change and Resilient Health Systems. 3 (risk/disease prevention, health/wellness promotion, rehabilitation, healing, and recovery) out of the 4 core business processes and 4 pillars of public health (individual, environment, behaviour, and community) are</p>

	<p>linked to this thematic area.</p> <p>The 5-year Action Plan of the Palau Climate Change Policy and the Bureau of Public Health Strategic Plan are also linked to the National Disaster Risk Management Framework.</p>
<p>2. Identify the tested and effective previous measure that has elements of sustainability, and is to be scaled up in the project timeframe.</p>	<p><b>Output 1:</b> “Access to Safe Water Project” was implemented in ten schools and was completed in 2017. The project involved the installation of water catchment tanks, provision of filtration systems and water quality and treatment training for teachers and students. Following the completion of the project, funding for water quality kits is provided by the Ministry of Education. SUPA will scale up this activity to cover community evacuation shelters and selected vulnerable households.</p> <p><b>Output 2:</b></p> <ul style="list-style-type: none"> <li>• “People’s Empowerment Project” (fast-fruiting breadfruit species from Florida) which is funded by UN Women is currently being implemented with 7 out of 8 states completed. The project is ongoing and full results are still to be assessed. SUPA will expand this project to include other fruit tree varieties, to five other states.</li> <li>• GIZ ACSE Project on sustainable dry litter piggeries and complementary home gardens has completed and was implemented in 5 states along the east coast. SUPA will expand the project to 2 states along the west coast.</li> <li>• A current program within the Bureau of Marine Resources supplies rabbit fish fingerlings and clam seedlings to local farmers and provides relevant training to farmers. There were 4 demonstrations sites in the first phase. SUPA will increase the number of farms in 3 states on the west coast.</li> </ul> <p><b>Output 3:</b> Presently the public radio station hosts talk shows for different agencies but this is limited to Koror only. SUPA will enhance the capacity and mobility of the radio station to broadcast from 14 out of 16 states.</p> <p>Presently the Ministry of Education and Palau Conservation Society (a non-profit organization) implement an extra-curricular program that aims to educate students on the threat of plastic pollutants and inspire them to take action in safeguarding the environment and their health. SUPA will expand the scope of this program to include the interplay between plastic pollutants with climate and health issues.</p>
<p>3. The selected scaled up measures must have socio-economic benefits for the communities and be</p>	<p>All the activities will include vulnerable groups. For example, Output 2 will target households led by single women, households with persons with disabilities, low-income households and the elderly.</p>

<p>implemented using an evidence-based gender-sensitive and rights-based approach.</p>	<p>Similarly, Output 1 will target the same groups for household water quality training.</p>
<p>4. The selected scaled up measure must fit within the scope of the SUPA budget.</p>	<p>The activities fit within the overall budget of USD 550,000 but it is anticipated that during the design and budgeting phase the scope of outputs 1 and 2 will be reviewed and possibly adjusted.</p>
<p>5. Recognizing that maintenance of government-owned infrastructure is the responsibility of the particular government agency, provisions for maintaining the newly scaled-up measure must be included in the SUPA intervention as this is essential for sustainability.</p>	<p>The responsibility for maintenance for Output 1 will be shared between the state governments and the national government (according to the mandates of the specific agencies) and will be confirmed during the design phase. Output 2 maintenance will be confirmed during the design phase. For Output 3, the Bureau of Domestic Affairs will be responsible for maintenance.</p>