

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

Project Concept Note

Name of Country	Niue	
Name of Lead Agency/Ministry	Department of Environment	
General Information		
Project Title	Scaling up water security in Niue in response to climate change	
Project Site(s)	TBC	
Project Duration	3 years	
Project Partners	Water Division, Public Works Department; Ministry of Health; Ministry of Finance; Project Management and Coordination Unit; Project Oversight Steering Team	
Indicative Project Cost	EUR 500,000	
<p><i>Funding modality: Indicate below your country's preference for funding arrangements for a national coordinator and implementation.</i></p>		
Do you need a national coordinator (Yes or No)? Yes, and one Project Assistant		
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		<input checked="" type="checkbox"/> X
SPC recruits the national coordinator so he/she becomes an SPC staff based in-country		<input type="checkbox"/>
2. In which agency will the national coordinator be housed? Department of Environment		
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)		<input type="checkbox"/>
SPC carries out procurement for all activities		<input type="checkbox"/>
Blend of the above two modalities		<input type="checkbox"/>
Project Description and Link to SUPA Output 3	<p>The water sector is vulnerable to the effects of climate change as (i) air temperatures are projected to rise, affecting evaporation rates and the availability of good quality water; (ii) the sea level will continue to rise, further stressing the availability and quality of the underground water supply; and (iii) the frequency and magnitude of extreme events is likely to change, thereby impacting the delivery of pumped underground water. Water supply in Niue is primarily sourced from the underground aquifer and rainwater harvesting provides a complementary water source.</p> <p>The project aims to scale up the rainwater harvesting project that was implemented by the Global Climate Change Alliance: Pacific Small Island States (GCCA: PSIS) project and the Pacific Adaptation to Climate Change (PACC) project and completed in 2015. Under these projects a plastic tank manufacturing facility was established in Niue and rainwater harvesting systems were installed in households in several communities. The GCCA+ SUPA project will replicate this activity in other communities that were not covered previously. The project will also conduct training on water quality testing for communities.</p> <p>The tank manufacturing facility in Niue is currently manufacturing septic tanks under the EU-GIZ ACSE project. Galloway International Limited, a New Zealand Company, works with a local partner, Shop Exports and Freight Limited, to carry out the manufacturing processes at the facility. The GCCA+ SUPA project will support Niue to develop a business plan to enable the Government to manage the facility and carry out the manufacturing processes independently. The project may also scale up the EU-GIZ ACSE project activity on moulding and installing septic tanks in occupied households that were not included.</p> <p>Project activities will engage vulnerable groups including the elderly, disadvantaged groups, women, men and youth groups.</p>	
Proposed Project Outputs	<p>Output 1: Rainwater harvesting systems installed in selected occupied households and maintenance training provided. (This may be combined with the installation of septic tanks in selected occupied households).</p> <p>Output 2: Training on water quality testing provided to communities.</p> <p>Output 3: Business plan developed for the tank manufacturing facility.</p>	

General Criteria for Identification of Projects	
Criteria	How does the proposed project adhere to the criterion?
1. Each country is to select one sector from the	Sector selected: Water security

<p>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>How is this sector selection linked to national priorities?</p> <p>The actions being proposed for this project are aligned with the:</p> <ul style="list-style-type: none"> - Niue National Strategic Plan (2016-2026) - Niue National Climate Change Policy (2010) - Strategic Roadmap for Emergency Management in Niue (2015-2019) <p><i>The proposed actions will contribute to two national development pillars in the Niue National Strategic Plan (2016-2026), namely:</i></p> <p>Infrastructure: Sustainable use and management of key infrastructure that is climate proof and resilient.</p> <p>Environment and Climate Change: Sustainable use and management of Niue's natural resources and environment for present and future generations.</p> <p><i>The proposed actions will also contribute to the achievement of two objectives in the Niue National Climate Change Policy (2010), namely:</i></p> <p>Objective 3 - Adaptation: To develop effective adaptation responses and enhance adaptive capacity in order to protect livelihoods, natural resources and assets, and vulnerable areas to the impacts of climate change to all sectors.</p> <p>Objective 5 – Governance and Mainstreaming: To mainstream climate change issues into national development and establish an effective regulatory and institutional framework to facilitate the development and implementation of national responses to climate change.</p> <p>The proposed actions will also contribute to the achievement of Goal 2 (Strengthened national resilience) of the three high-level aspirational goals for Niue under the Strategic Roadmap for Emergency Management in Niue (2015-2019).</p> <p>The GCCA+ SUPA activities will strengthen the resilience of the people of Niue particularly as rainwater harvesting can meet water needs when the power is off during cyclones.</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>Output 1: The GCCA: PSIS and PACC projects installed rainwater harvesting systems in occupied households in several communities. The EU-GIZ ACSE project moulded and installed household septic tanks in selected occupied households and also conducted training on installation. The GCCA+ SUPA project will address communities that were not covered.</p> <p>Output 2: Limited water quality training was provided under the previous projects, and this will be enhanced.</p> <p>Output 3: The tank manufacturing facility, built under the GCCA: PSIS and PACC projects, is managed in partnership with a private overseas company. The development of a business plan will help the government move towards sole management.</p>
<p>3. The selected scaled up measures must have socio-economic benefits for the communities and be implemented using an evidence-based gender-sensitive and rights-based approach.</p>	<p>Outputs 1, 2 and 3 will take into account gender and rights considerations. Outputs 1 and 2 in particular will incorporate applicable elements of the PLANET principles. For example, the project will actively promote the participation of the target community members during the planning and implementation so that the views of the different groups are sufficiently captured and can consequently inform the processes. Local labour will be used as much as reasonably possible as this will also contribute to the sustainability of the project outputs. The capacity built from outputs 1 and 2 will enhance the knowledge and skills of the beneficiaries. Output 3 will empower specific civil servants and/or technical people.</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 EUR 500,000.</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>Maintenance for Output 1 will be a key feature of the detailed design consultation. Output 2 addresses training for households in maintaining the quality of their rainwater harvesting systems. The development of the business plan (Output 3) for the manufacturing facility will address the financing, management and maintenance of the facility.</p>