

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

### Project Concept Note

Name of Country	Tonga	
Name of Lead Agency/Ministry	Ministry of Meteorology, Energy, Information, Disaster Management, Climate Change and Communications (MEIDECC) in collaboration with Ministry of Infrastructure and Ministry of Internal Affairs	
<b>General Information</b>		
Project Title	Scaling up of coastal adaptation in Western Tongatapu	
Project Site(s)	Western Tongatapu - Sopu, Hofoa, Siaatoutai, Nukunuku, Te'ekiu, Fo'ui, Ha'avakatolo, Kolovai, 'Ahau, Kanokupolu, Ha'atafu	
Project Duration	3.5 years	
Project Partners	National Climate Change Coordination Committee, JNAP Technical Team, Ministry of Finance, Ministry of Environment, Ministry of Lands, Climate Change NGO Forum, Tonga Chamber of Commerce (umbrella private sector) and ACSE project pilot communities on Western Tongatapu	
Indicative Project Cost	EUR 500,000	
<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, and one Administrative 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		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? Department 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><b><u>Scaling up in Western Tongatapu: A complementary approach</u></b></p> <p>Tonga is extremely vulnerable to the adverse effects of climate change because of its geographical, geological and socio-economic features. Coastal villages and residents in Western Tongatapu have for several decades experienced historical inundation and land loss due to coastal erosion exacerbated by sea level rise and storm surges which also impacts on their livelihoods.</p> <p>The project aims to build resilience to coastal vulnerabilities by complementing existing “hard measures” in western Tongatapu. This will be achieved by implementing ecosystem-based adaptation (EBA) approaches to complement the existing coastal protection measures. The project will also review existing community development plans for western Tongatapu to mainstream climate change and disaster risk considerations. Recognising that the remaining unprotected coastline of western Tongatapu will require a lot more funding for coastal protection, the project will also conduct an assessment of the existing adaptation interventions in western Tongatapu to identify possible options for the other parts of the western Tongatapu coastline. This will inform proposals for future funding for scaling up. Lastly the project will conduct climate change awareness programmes (radio &amp; TV) and also facilitate the development and subsequent dissemination of awareness materials (brochures, TV spot programmes, documentary, newsletters) to relevant stakeholders.</p> <p>Project activities will engage vulnerable groups including the elderly, disadvantaged groups, women, men, youth groups and faith-based organisations.</p>
<p>Proposed Project Outputs</p>	<p><u>Outputs 1 – 3 are specific to western Tongatapu:</u></p> <p><b>Output 1:</b> Increased coastal protection through complementary ecosystem-based adaptation approaches</p> <p><b>Output 2:</b> Climate change and disaster risk considerations are mainstreamed into community development plans for vulnerable communities</p> <p><b>Output 3:</b> Assessments completed for existing coastal protection interventions</p> <p><b>Output 4:</b> Increased awareness of impacts of climate change and disaster risks on coastal communities.</p>

**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> Coastal protection</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 Tonga Climate Change Policy 2016</li> <li>- Joint National Action Plan 2 (JNAP 2) on Climate Change and Disaster Risk Management (2018 – 2028)</li> <li>- Tonga Strategic Development Framework (2015 – 2025)</li> </ul> <p>The Tonga Climate Change Policy and the JNAP 2 are also linked to the National Framework and the Tonga Strategic Development Framework.</p> <p>Coastal Protection is addressed as specific targets 1 and 2 of the 20 targets under the Tonga Climate Change Policy and JNAP 2.</p> <p><u>Target 1:</u> Every coastal community has a special management area and protected coastal environment.</p> <p><u>Target 2:</u> Redesigned and resilient roads, coastal areas, buildings and other infrastructure.</p> <p>The proposed actions will contribute to the achievement of the following sub-objectives and activities in JNAP 2:</p> <p><u>Activity 1.4.3:</u> Review and revise all community development plans to ensure they are aligned with the adapted JNAP 2 targets for a <i>Resilient Tonga</i>.</p> <p><u>Sub-objective 3.3:</u> Implement a fully coordinated approach to community awareness raising on climate change and resilience, involving all civil society organizations that are working with or a part of communities and including strengthening the important role of the arts and media in fostering the essential behaviour change that will be required throughout Tongan society in order to achieve a <i>Resilient Tonga</i>.</p> <p><u>Sub-objective 4.1:</u> To implement key resilience pipeline programmes for a <i>Resilient Tonga</i> by 2035.</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> Ecosystem-based adaptation approach was implemented by the EU-GIZ ACSE project in six coastal communities in Western Tongatapu - Fo’ui, Ha’avakatolo, Kolovai, ‘Ahau, Kanokupolu, Ha’atafu. The project trialled coastal adaptation measures (both hard and soft protection measures) in these communities and implementation will be completed in July, 2019.</p>

	GCCA+ SUPA will scale up the soft adaptation measures to Western Tongatapu communities including Sopu, Hofoa, Siaatoutai, Nukunuku and Te'ekiu.
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.	All the activities will include vulnerable groups. For example, Output 3 will include feedback from all the different groups in the communities. Similarly, Outputs 1 and 4 will target different groups in the communities so that project ownership is promoted and awareness raising reaches everyone and not just a select few.
4. The selected scaled up measure must fit within the scope of the SUPA budget.	The activities fit within the overall budget of EUR 500,000.
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.	Provision will be made during the implementation phase for ensuring the longevity of the ecosystem-based measures with support from Government of Tonga and the beneficiaries.