



**Ministry of MEIDECC  
Government of Tonga**



**GREEN  
CLIMATE  
FUND**

# **Green Climate Fund Tonga Climate Change National Pipeline**

**Tonga Country Programming Process  
(Period: 2020-2023)**

# MITIGATION

	Project Title	Short Description	GCF Result Area / Readiness Objective	Funding Modality	Strategic Priority	AE / DP / EE	Status and Implementation Period	Estimated Cost and Timeframe
	Tonga Renewable Energy Project under the PIREIP	Aims to move Tonga away from fossil fuels and shift to renewable energy through delivering utility-scale storage systems to provide base load response and grid stability in Tongatapu, while green-mini grids will be installed in the outer islands.	Energy generation and access	FP  Total = USD \$47.6m (GCF – USD \$29.9m)	-Tonga NDC -Tonga Energy Roadmap -JNAP Target 5	AE: ADB EE: DoEnergy (MEIDECC), Tonga Power Ltd.	Approved  2018-2023	
	Assessment and Reform of the Tonga Outer Island Solar Electrification Society (OISES)	Address institutional gaps in the off-grid electrification initiatives as well as strengthen current community-based management approaches.	I. Capacity building II. Strategic Frameworks III. Pipeline Development	Readiness Support  USD \$0.46m	-Tonga NDC -Tonga Energy Roadmap -JNAP Target 5	DP: MoFinance EE: DoEnergy (MEIDECC)	Approved  2020-2022	
	Enhanced Energy Efficiency in the Land Transport Sector	Aims at reducing the GHG emissions and fuel use through energy efficiency gains and technology enhancements in the land transport sector.	-Buildings, Cities, Industries and Appliances -Transport	SAP	-Tonga NDC -Tonga Energy Roadmap -JNAP Target 5	AE: SPC EE: DoEnergy (MEIDECC)	Concept Note stage  2023	USD \$10m  3 years
	Integrated Waste Management System	Focus on delivering proper waste disposal facilities for all of Tonga and innovative waste-to-energy technology including recycling facilities and solutions for better managing waste emissions	-Energy -Buildings, Cities, Industries and Appliances	SAP	-Tonga NDC -JNAP Target 11	AE: ADB (tbc) EE: Waste Authority Ltd., DoEnvironment (MEIDECC)	NOBP stage  2023	USD \$10m  5 years

# ADAPTATION

Project Title	Short Description	GCF Result Area / Readiness Objective	Funding Modality	Strategic Priority	AE / DP / EE	Status and Implementation Period	Estimated Cost and Timeframe
Strengthening Adaptation Planning in Tonga	Aims to scale up adaptation mechanisms by strengthening capacity for effective adaptation planning	III. Adaptation Planning	Readiness Support USD \$1.68m	-JNAP Objective 1	DP: MoFinance IP: DCC (MEIDECC)	Approved 2020-2022	
Tonga Coastal Resilience Project	Reduce vulnerability of coastal systems and infrastructures to climate-driven sea level rise and extreme weather events.	Infrastructure	FP	-TSDF -JNAP Target 1	AE: UNDP IP: MEIDECC EE: MLNR, MIA, MOI	Proposal review stage – Feasibility Study 2021	USD \$18m
Towards climate change resilient coastal fisheries and aquaculture in Tonga	Address effects of climate change on coastal fisheries through integrated sustainable management to ensure food security.	-Ecosystems and ecosystem services -Health, Food and Water Security -Livelihoods of Vulnerable Communities	FP with CRR Readiness Support (tba)	-Tonga NDC -JNAP Target 4 -Fisheries Sector Plan	AE: SPC EE: MoFisheries	Concept note review stage – Pre-feasibility study 2021	USD \$15m 5 years
Climate Smart Approaches for sustainable food and nutrition, and secure livelihoods for Tonga in the Agricultural Sector	Reduce and enhance adaptive capacity to climate change impacts on vulnerable subsistence and semi-subsistence farming systems.	-Health, Food and Water Security -Livelihoods of Vulnerable Communities	SAP	-Tonga NDC -JNAP -Agriculture Sector Plan	AE: FAO EE: MAFF	Concept note development stage – Pre-feasibility study 2022	USD \$10m
Enhancing Church Leadership in Tonga as an enabling mechanism for strengthening on-ground community resilience and sustainability to climate change	Focus on urgently needed adaptation responses to cumulative climate change impacts on communities through provision of resources, technical and capacity support.	-Health, Food and Water Security -Infrastructure -Livelihoods of Vulnerable Communities	FP with PPF	-JNAP Target 3, 12, 17	AE: SPREP IP: DCC (MEIDECC) EE: FBOs (FWC), MIA, NGOs	Concept Note first submission pending NDA endorsement 2022	USD \$15m 5-8 years

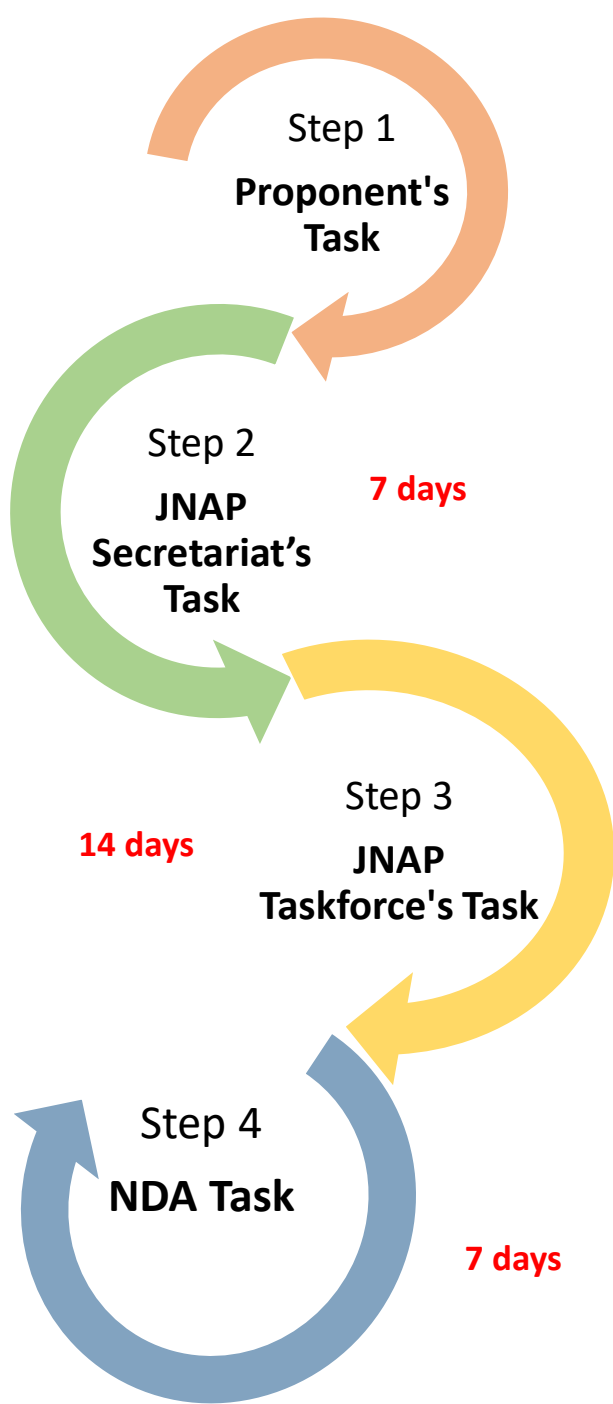
# CROSS-CUTTING

Project Type	Short Description	GCF Result Area / Readiness Objective	Funding Modality	Strategic Priority	AE / DP / EE	Status and Implementation Period	Estimated Cost and Timeframe
NDA Strengthening and Country Programming (Phase 2)	Targeted capacity building for Tonga's NDA and supporting staff (DCC) towards strengthened institutional and coordination mechanisms to better govern climate action and finance in Tonga.	I. Capacity Building II. Strategic Frameworks III. Pipeline Development	Readiness Support  USD \$0.5m	-JNAP Objective 5	DP: MoFinance EE: DCC (MEIDECC)	Approved  2020-2022	
Entity Support for Ministry of Finance, Tonga: Direct Access through Accreditation	Targeted capacity building for Tonga's nominated entity to complete the GCF's accreditation process for direct access to climate financing.	I. Capacity Building	Readiness Support  USD \$0.3m	-JNAP Objective 5	DP: PwC EE: MoFinance	Approved  2020-2021	
Enabling Private Sector Access to Climate Finance to Strengthen Climate Resilience Development in Tonga	Investigate and overcome barriers to private sector engagement in climate change actions for the development of projects/programmes which translate into national and regional benefits.	I. Capacity Building II. Strategic Frameworks III. Pipeline Development	Readiness Support  USD \$0.3m	-JNAP Objective 5 / Target 18, 19, 20	DP: TDB IP: DCC (MEIDECC) EE: TCCI	Approved  2021-2022	
Strengthening Capacities of CSOs and DPOs in Tonga for Accessing Climate Finance towards Building Resilience of Most Vulnerable Groups to Climate Change	Aims to enhance the capacities of CSOs and DPOs, including knowledge, skills and organizational structures, and the enabling environment to improve access to climate financing and delivery of climate change adaptation and mitigation initiatives in Tonga, contributing to sustainable low-carbon and climate-resilient development for the most vulnerable groups.	I. Capacity Building II. Strategic Frameworks III. Pipeline Development IV. Knowledge sharing and learning	Readiness Support	-JNAP Objective 3 / Target 12	DP: MoFinance IP: DCC (MEIDECC) EE: CSFT, DPOs / Social Vulnerability & Disability Division (MIA)	Second submission pending GCF review	USD \$0.4m  2 years

# REGIONAL PROJECTS & PROGRAMMES

Project Title	Short Description	GCF Result Area / Readiness Objective	Funding Modality	Strategic Priority	AE / DP / EE	Status and Implementation Period	Estimated Cost and Timeframe
Pacific Islands (7 SIDS incl. Tonga) Renewable Energy Investment Program	Aimed at initiating feasibility studies on how to expand renewable energy coverage, reform power utility management and encourage private sector engagement by identifying opportunities for independent power providers.	-Energy generation and access -Infrastructure and built environment -Livelihoods of people and communities  (cross-cutting)	FP  Total = USD \$29.2m (GCF – USD \$17m)	-Tonga NDC -Tonga Energy Roadmap -JNAP Target 5	AE: ADB EE: DoEnergy (MEIDECC), Tonga Power Ltd.	Approved  2018-2025	
Establishing resilient, low-carbon agricultural systems in Tonga, Vanuatu and Samoa	Address priority adaptation needs for enhanced food security that builds resilience and preserves ecosystem services associated with climate-sensitive agricultural resources and livelihoods	-Forestry and Land Use -Health and well-being, and food and water security -Ecosystems and ecosystem services  (cross-cutting)	FP	-Tonga NDC -JNAP Target 6 -Agriculture Sector Plan	AE: SPC EE: MAFF	Concept Note second submission pending GCF review	USD \$23.6m
Adaptation for Resilient Agriculture in Fiji, Kiribati, Samoa, Solomon Islands and Tonga	Aims at restoring resilient, regenerative small holder farming involving Pacific Island national institutions and farming communities.	-Ecosystems and ecosystem services  (adaptation)	FP		AE: IFAD EE: MAFF	Concept Note development stage	USD \$50m
Adapting tuna-dependent Pacific Island communities and economies to Climate Change		-Ecosystems and ecosystem services -Health, Food and Water Security  (adaptation)			AE: CI EE: MoFisheries	Concept Note first submission pending NDA endorsement  2022	

How to submit a project idea/concept for  
consideration by the Tonga NDA



- Formulates project idea(s) by completing Project Concept Form in Annex 1;
- Submits Form to the JNAP Secretariat under the Department of Climate Change, MEI/DECC;
- Responsible for preparing all relevant information and supporting data for development of project concept note(s).

- Evaluates project idea(s) against Project Concept Pre-evaluation in Annex 2;
- Schedules JNAP Task Force meeting to review project idea(s) and provide secretarial support in facilitating the NObP;
- Responsible for communicating recommendation/decision between JNAP Task Force, NDA and Proponent.

- Reviews project idea(s) using Project Screening Report in Annex 3;
- May request additional expertise relevant to project idea if not found within the JNAP Task Force;
- Responsible for providing NDA with recommendation based on screening results.

- Makes a decision based on the recommendations of the JNAP Task Force;
- Issues Letter of Request to Accredited Entity to develop full proposal for submission to GCF;
- Responsible for submitting No Objection Letter in support of project concept to ensure NObP was followed.

**Figure 1. Tonga NDA NObP Implementation Arrangement**

# Annex 1. Project Concept Form

## Step 1 – To be submitted by the Proponent

Annex 1. Project Concept Form  
Step 1 – To be submitted by the Proponent

Concept/Project Title:		<b>Project Feasibility and Risk Assessments (attach if available)</b> <ul style="list-style-type: none"> <li>• Gender equality and social inclusions (GESI)</li> <li>• Cost benefit analysis</li> <li>• Technical assessment</li> <li>• Vulnerability assessment</li> <li>• Identified Risks and Solutions</li> <li>• Monitoring, Evaluation and Learning (MEL)</li> </ul>
Implementing Organisation(s):	Project Contact Details:	
Duration:	Status:	How does the project link to GoT priorities? (CCP, JNAP2, TSDF, Sector Plans, etc.)
Total Funding:	Funding Source(s): Green Climate Fund	
Mode of financing [e.g. through GoT system]	Location & site(s):	Progress to date and current activities [100 words max]
Scope:	Project Type:	
Lead Gov't/Agency Department: Validation Letter(s) attached: Yes/No	Other Gov't/Partner Agencies:	Outputs and Outcomes [IEC materials, guidelines & handbooks, certified trainings, resources....]
Sectors & Themes [Mitigation, Adaptation, Governance, Water, Agriculture, etc.]		
<b>Rationale and Objective(s) [100 words max]</b> <ul style="list-style-type: none"> <li>• What is the rationale for the project? What is the baseline?</li> <li>• What is the primary need, and how was it identified?</li> <li>• Is this program building on any previous activities or policy?</li> </ul>		Project Sustainability [exit strategy]
<b>Description [1-2 paragraphs per topic max]</b> <ul style="list-style-type: none"> <li>• Outline key project components</li> <li>• What related projects are being undertaken in the area?</li> <li>• Potential overlaps/duplication to be resolved</li> <li>• Risk Management Strategies</li> <li>• How will it be implemented?</li> <li>• Will the project fund local positions? Where?</li> </ul>		

- The proponent, which will be the executing entity (EE), can be a government ministry/agency or non-government organization including private sector. The EE, in partnership with an accredited entity (AE), will develop the project idea into a concept note and later into a full proposal. There may be more than one EE or AE involved in the development of a project.



## Annex 2. Project Concept Pre-evaluation

### Step 2 – To be completed by the JNAP Secretariat

- How were the stakeholders and communities consulted, and what concerns and feedback were raised?
- Has the concept or project assessed potential environmental and social risks, and were the risks shared and discussed among stakeholders and agreed solutions to address those risks were identified?
- Does the project have the support of stakeholders and communities?
- What are the gender aspects of the project that provided equal considerations and opportunity to males and females?
- Is there similar work happening in the project's focus area? Have the differences, similarities or how existing and proposed activities complement or reinforce each other?

# Annex 3. Project Screening Report

## Step 3 – JNAP Task Force

Annex 3. Project Screening Report  
Step 3 – To be completed by JNAP Task Force

Concept/Project Title	
Criteria	Guiding Questions
1. Project Rationale	1.1 Does the idea/concept have a compelling rationale and clearly link to reducing climate variability or vulnerability? 1.2 Has the primary need for the project been identified and justified? 1.3 Is there sufficient evidence to support this, e.g. a study or a survey report?
Yes or No	Comments:
2. Project objective versus baseline	2.1 Has the objective of the project/concept been clearly defined? 2.2 Has a baseline been identified and clearly explained? For example, an emissions/vulnerability scenario discussed? 2.3 Has the concept been explained clearly and how the baseline scenario will be improved?
Yes or No	Comments:
3. Policy coherence and alignment to national priorities, country ownership and national support	3.1 Does the objective align with the national climate change priorities, strategies, and/or policy targets, i.e. the TSDF, JNAP2, NDC, National Climate Change Policy, Sector and/or Community Resilient or Development Plans? 3.2 Does the concept assist with meeting targets for mitigation, adaptation and/or disaster risk management? 3.3 Is national, sector or community support sufficiently evidenced, e.g. a letter of support from national counterpart(s) (i.e. line ministry and/or department, provincial counterpart, and/or other community-based institutions)?
Yes or No	Comments:
4. Implementing and executing entity background and capacity	4.1 Do the implementing and executing entities have sufficient/suitable capacity and technical expertise in relation to the concept scope and its components?

	14.3 Does the project clearly explain co-benefits? i.e. specific economic, social, environmental and gender-sensitive development impact co-benefits? (Examples include improved access, standard of living, public health, energy security or ecosystem health)
Yes or No	Comments:
15. Impact potential	15.1 Mitigation: Does the project contribute to a shift to low-emission sustainable development pathways? For example, carbon emissions reduced and/or cost-effectiveness, i.e. total project cost compared to carbon emissions reduced. 15.2 Adaptation: contribution to increased climate-resilient sustainable development, e.g. number of direct/indirect beneficiaries relative to total population.
Yes or No	Comments:
16. Paradigm shift potential	16.1 Does the project have the potential to catalyse impact in the long-term and beyond the scope of the proposed project (potential for scaling-up and replication of the project, knowledge and learning, contribution to regulatory frameworks, policies and public planning, mobilization of other actors, market development and transformation)?
Yes or No	Comments:
17. Efficiency and effectiveness	17.1 Is the project economically and financially sound, taking into consideration the total funding requested, financing already or expected to be secured, any potential revenues and in-kind contributions?
Yes or No	Comments:
Conclusion	
JNAP Task Force Member	Recommended <input type="checkbox"/> Not Recommended <input type="checkbox"/>
Name:	Signature:

- The JNAP Task Force is to make recommendations based on the screening reports to the NDA for granting no objection letter of support for project idea/concept.