



TUVALU COASTAL ADAPTATION PROJECT: QUARTERLY PROGRESS REPORT FOR Q1 and Q2, 2021

Project Number: FP015

ATLAS Output ID: 00103205

PIMs ID: 5699

RESULTS, FINANCIALS, PLANNED ACTIVITIES¹

Output	Activity	Sub-activity	Indicators	Results	Planned Activities
Output 1: Strengthening of institutions, human resources, awareness, and knowledge for resilient coastal management	1.1 Technical capacity, knowledge and awareness of the Government and community strengthened for coastal monitoring, protection, and maintenance of coastal protection infrastructure Strengthened and improved local capacity and inter-sectoral partnership / coordination in identifying, collecting, and analyzing data in various aspects of coastal vulnerability	1.1.1 Training of DLS coastal monitoring staff in outer islands on the use of survey equipment (as per sub-activity 1.1.2) Agreement with DLS including the frequency of data collection, transfer, and report	Number of trainings organized in the lifetime of the project targeting PWD, DLS, DoE, DLG, CCD and other relevant stakeholders (NGOs, CSO, community workers, etc.)	LoA has been prepared and signed with SPC for a 3-year training programme (also including a gender mainstreaming module on gender disaggregated data collection and monitoring). The training modules and programme agenda are ready.	These activities have now been planned for Q1 2022, preferably face to face as to integrate training modules with TCAP field studies, assessments, and monitoring. Online modalities will have to be explored if SoE is extended between Fiji, Australia and Tuvalu Identify / design EBA potential solutions in the context of Tuvalu (see sub-activities 3.1.4 & 3.2.1)
		1.1.2. Training of Department of Land and Survey (DLS) staff on the synthesis and digitalization of survey data collected from outer islands	Number of technical officers (male/female) trained on: - Use of coastal monitoring survey equipment, data collection and transfer	Contract with Fugro has been extended to 2022.	
		1.1.3. Training of Department of Environment (DoE) staff on environmental and social impact assessment	- Monitoring / data synthesis on dynamic coastal processes, - Designing and structural maintenance of coastal protection (both hard and soft) measures, - Application of EBA coastal protection,	These activities have been delayed due to State of Emergency (SoE), which has now been extended to November 2021.	
		1.1.4. Training of Public Works Department (PWD) staff members on the structural	- Environmental social impact assessment,		

¹ Describe the key activity results **achieved** during this quarter

		<p>maintenance of the GCF Investments</p> <p>1.1.5. Training of PWD staff, NGOs, and CSOs on the application of Ecosystem Based Approach (EBA) coastal protection</p> <p>1.1.6. Comprehensive training program designed targeting Climate Change Department (CCD) staff</p> <p>1.1.7. Two regional conferences and/or workshop on coastal protection organized</p>	<ul style="list-style-type: none"> - Project management, - Vulnerability and Adaptation (V&A) Assessment, - Cost Benefit Analysis (CBA), - Gender mainstreaming / data gender disaggregation <p>Number of technical officers who passed the end of the course assessment</p> <p>Number of initiatives / applications suggested by trainees based on training course' questionnaire</p> <p>Number of regional conferences and/or workshops organized on coastal protection</p> <p>Visibility and exposure at conferences and events</p> <p>Project results capitalization, publication and dissemination</p>		
				Not yet	Considering the preparation of a documentary on TCAP/GoT coastal protection initiative as an alternative to one workshop (plan + budget + TA if required)
	<p>1.2 Long-term national human resource capacity and awareness enhanced for sustainable coastal protection</p> <p>Build and improve technical capacity of Tuvaluans to lead and take ownership in further development, implementation, and</p>	<p>1.2.1. A scholarship program is designed with the Ministry of Education, Youth and Sport (MEYS) Criteria for selecting eligible candidates agreed by the second Project Board meeting</p> <p>1.2.2. Scholarship agreement made with at least 6 students</p>	<p>MEYS/TCAP scholarship program and budget (LoA)</p> <p>Selection criteria and process</p> <p>Number of applicants (male/female) for TCAP scholarships</p> <p>Number of students (male/female) that are supported at higher-level studies (tertiary level or higher) on</p>	<p>Six students have been selected. One (1) undergraduate student started in 2020 at USP, Fiji. Three (3), masters students commenced their studies remotely.</p>	<p>The remaining 2 students should commence in 2022.</p> <p>Considering increasing the number of units taken by students in order to complete studies before June 2024</p>

sustaining coastal protection measures by the project, as well in the future.		disciplines related to coastal protection work Number of students that have successfully completed their studies Number of students that are employed in CCA-related positions in Tuvalu		
	1.2.3. At least 6 undergraduates are identified and recruited to assist the government in implementing the project and in carrying out coastal vulnerability and environmental and social impact assessment (ESIA)	Number of internships CCA-related positions supported	Draft ToRs for new officers: Capacity development Monitoring, Evaluation and Gender Safeguards & Works Supervision Island Community Facilitator(s)	Recruitment: ASAP ASAP Three months before start of works Idem, for Nanumea & Nanumaga
	1.2.4. Contractual agreement signed with the (selected) 6 students who are in a master's program relevant for coastal protection		Draft ToRs for national consultants' support: ISP support (DLG) TSF support (CDD) Gender support (if required)	
	1.2.5. Training of Trainers (ToT) events organized specifically targeting schoolteachers	Number of ToT CCA events organized for (and attended by) schoolteachers	Completed by others (Sandwatch)	Collect MEYS and other project reports, and analysis
	1.2.6. Primary school curriculum modified and approved	Primary school curriculum modified and approved		
Total Expenditure for Output 1, Q1 & Q2, 2021				Q1=USD\$45,221 Q2=USD\$26,029

Output	Activity	Sub-activity	Indicators	Results	Planned Activities
Output 2: Vulnerability of key coastal infrastructure including homes, schools, hospitals, and other assets is reduced against wave induced damages in Funafuti, Nanumea and Nanumaga	2.1 Coastal protection sign, site specific assessments, and Environmental and Social Impact Assessment (ESIA) undertaken in all islands in a participatory	2.1.1. Organization of community consultations to inform the design and ESIA	Island-level coastal assessment reports produced (wave modeling, vulnerability assessments, gender analysis, ESIA, etc.) including gender-differentiated impacts of coastal protection surveys, analysis and results shared.	After field and community assessment in 2020, ESIA completed for Funafuti and for Nanumea & Nanumaga.	
		2.1.2. Collection of wave, current and sediment data, public consultations and ESIA		In progress by SPC. Draft report for Funafuti: "Hazard assessment for wave-driven inundation in Fongafale".	Final report to be produced by Q1 2022
		2.1.3. A national consultation and validation of the findings of the assessment	Knowledge about gender-differentiated impact of coastal protection.	After final consultation in the 3 islands ESIA have been disclosed for public comments and approved by DoE. ESIA disclosed on TCAP, UNDP and GCF websites.	
		2.1.4. Establishment permanent survey benchmark engaging DLS to carry out surveys	Agreement with DLS to develop 9 island GIS projects in monitoring during and after project including the frequency of data collection, transfer, and report.	Not yet	Plan + budget NtF for RP approval by GCF for DLS LoA with DLS
	2.2 Coastal protection measures implemented	2.2.1. Construction of coastal protection infrastructure in Funafuti, Nanumea and Nanumaga covering 2,970 m of vulnerable coastlines and comprising of: i. Reclamation of approximately 7.85 ha (780 x 100 m) for the Fongafale lagoon shore (Funafuti); ii. Berm Top Barrier (BTB) (raised mounds of earth with graded slopes approximately 3m wide at the base and 1 to 1.5 m high at their crest)	The length of vulnerable coastline protected. The area of reclaimed land in Funafuti.	Completed: <ul style="list-style-type: none"> • Concept design report for Funafuti, Nanumea and Nanumaga (TCAP website) • Update concept design for Nanumea (after TC Tino) (TCAP website) • Detailed designs for each island • Flyover 3D clips for each island (TCAP website) • Village mapping (DLS) Then based on final designs and ESIA: <ul style="list-style-type: none"> • SESP update (version 4) 	<ul style="list-style-type: none"> • Funafuti reclamation public notification (AG) • Sand licence (DLS.OPM) Update GCF budget and procurement plan to reflect project restructuring. Submit all documentation as part of GCF FAA conditions for the 4th Disbursement (and claim 4th disbursement before end of July).

	<p>protecting 665 m and 1,335 m in Nanumaga and Nanumea respectively, including raising boat ramp roadway access in Nanumaga;</p> <p>iii. Precast concrete unit revetment (190 m in length) in Nanumea;</p> <p>iv. 8 x 25 m hard concrete Reef Top Barriers (RTB) in Nanumea;</p> <p>v. The reclamation in Funafuti to be engineered to be well above the anticipated 2,100 sea level rise inundation heights in order to secure the shoreline and permanently prevent wave over topping and erosion hazards.</p>		<ul style="list-style-type: none"> • ESMP update (final draft version 7) (TCAP website) • SEP (+GRM) update (draft version 4) • Field reconnaissance and sand deposits surveys <ul style="list-style-type: none"> • GoT approval for Funafuti reclamation • Nanumea Falekaupule + Kaupule approval • Nanumea Falekaupule + Kaupule approval <p>ToR for construction works Third party review of ToR (Maritime Engineer consultant) RFP for tender</p> <p>TCAP/Kaupules consultations on priority needs to support construction (see table)</p>	<p>RFP:</p> <ul style="list-style-type: none"> • Issue: end of July • Prebid conference (mid-August) • Interactive dialogue (mid-September) • RFP closed: early October • Technical evaluation and scoring: end of October • Financial evaluation and I evaluation report: end of November • Submission to ACP approval • Post ACP approval negotiation • Contract: end of December <p>Once constructor' timeframe is confirmed: additional TCAP/Kaupules consultations on priority needs to support construction works.</p>
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	2.2.2. Organization of community consultations for handover of the assets		Not yet	
	2.2.3. Engaging DLS to develop 9 island GIS projects in monitoring {on a quarterly basis} during and after project (see sub-activities 1.1.1 and 2.1.4):	Annual monitoring report	Not yet	To start Q1 2022 (DLS)
Total Expenditure for Output 2 Q1 & Q2				Q1 = USD\$276,361 Q2 = USD\$ 263,267

Output	Activity	Sub-activity	Indicators	Results	Planned Activities
Output 3: A sustainable financing mechanism established for long-term adaptation efforts	3.1 All Islands Strategic Plans and annual budgets of the ISPs, taking into consideration climate change impacts and integrated coastal, land, and marine resource management principles Community members, including men, women, children, and the elderly, empowered to participate in climate resilient planning process of the ISPs, taking into consideration climate change impacts and integrated coastal, land, and marine resource management principles	3.1.1. National ToT workshop organized for incorporating climate change risks, including coastal management, into ISPs targeting Kaupule representatives, minority groups, DLG staff, NGO staff and women 's groups	Number and type of national workshops organized for incorporating CC risks including coastal management into ISPs (for DLG, Kaupules, and NGOs staff)	ToT "mainstreaming CCA" module prepared. ToT "Integrated Kaupule planning & reporting framework" module prepared NtF approved by Board to have DLG as RP (waiting for GCF approval). Draft LoA (including plan + budget). The activity was delayed until GCF approved RP.	ToT planned for Q3, 2021
		3.1.2. Facilitation of outer island workshops to integrate climate risks into the existing ISPs and to produce / enhance annual budgets	Number of island level workshops organised in each island to review the new ISP at the beginning of budget cycle (to integrate CC risks into the existing ISPs and to produce/enhance annual budgets)	All ISPs were completed in 2020 (except Nukufetau completed in April 2021) and all launched in 2021.	The next ISP development cycle will be in 2024
		3.1.3. Compilation, analysis and reporting of all outer island annual budgets	Compilation analysis and report of all outer islands annual budget	DLG is compiling all the annual budgets.	DLG analysis report by ? National consultant support ?
		3.1.4. Release of performance-based top-up grants	Number and type of adaptation actions financed and implemented from island level plans	TBA	TBA Demonstrate / implement EBA solutions (see sub-activities 1.1.5 & 3.2.1)
		3.1.5. Operational and financial arrangement finalized for community-based disaster early response / recovery support	TBA	Draft NtF for "Adaptive Management" for \$3.3M + \$200K TSF secretariat support (\$200K): NtF approved by Board to have CDD as RP (waiting for GCF approval).	TBA TSF secretariat support to start Q1 2022 if Covid19 travel restrictions are lifted.

			Draft LoA (including plan + budget)	
<p>3.2 Capacity of Kaupules, Falekaupules and community members strengthened for monitoring coastal adaptation investments</p> <p>Community capacities to monitor, evaluate and communicate results and impacts of coastal protection adaptation investments enhanced</p>	<p>3.2.1. Outer island level awareness raising events organized targeting different interest groups about monitoring and maintenance needs of the coastal investments (in the island of Funafuti, Nanumea and Nanumaga) and the needs for EBA for all the islands (following Sub-activities 1.1.5 and 3.1.4)</p>	<p>Number of outer islands awareness events about monitoring and maintenance needs of the coastal investments and the needs for EBA.</p>		<p>Monitoring</p> <p>Promote / propose EBA solutions (see sub-activities 1.1.5 & 3.1.4)</p>
	<p>3.2.2. A national ToT events organized inviting representatives from these interest groups for participatory video</p>	<p>Participants in national ToT on “participatory video” to monitor CA investments and to assess performance of island administration (Kaupule, island community, minority, and women groups, DLG and NGOs staff).</p>		<p>ToR for “participatory video” consultant.</p> <p>Plan, prepare and organize national ToT “participatory video” workshop.</p>
	<p>3.2.3. Technical assistance on the use of community scorecard to assess performance of outer island administrations</p>	<p>Participants in national ToT for the use of “scorecards” (DLG Kaupules and NGOs staff).</p> <p>Evidence of use of scorecards and videos for monitoring coastal adaptation investments (priority Funafuti, Nanumea, Nanumaga).</p>	<p>ToT “Scorecards” module prepared.</p> <p>NtF approved by Board to have DLG as RP (waiting for GCF approval).</p> <p>Draft LoA (including plan + budget)</p> <p>The activity was delayed until GCF approved RP</p>	<p>ToT planned for Q3, 2021</p>
	<p>3.2.4. National level consultations organized to review the process of annual budgeting, monitoring and evaluation for coastal protection</p>	<p>Participants in national consultation workshop to review the process of annual budgeting, monitoring and evaluation for coastal protection.</p>		<p>Based on last review (2019/20) or next review in 2022?</p> <p>DLG consultation review, recommendations and report by ?</p> <p>National consultant support ?</p> <p>International consultant support ?</p>

			Women's distinct role in the context of island decision making established.		
Total Expenditure for Output 3					Q1 = USD\$0.00 Q2 = USD\$10,397

Output	Activity	Actions	Results	Planned Activities
Project Management Unit	Knowledge Management and Communication	<p>APR 2020</p> <p>M&E PMU training M&E framework M&E tracking tables</p> <p>Updating CSAP</p> <p>Newsletter #3 and #4 Website and social media postings: Twitter, Facebook, etc. Song Competition</p>	<p>APR2020</p> <p>M&E system in place</p> <p>CSAP 2021 (TCAP website)</p>	<p>ARP 2020 CGF feedback TCAP response QPRs APR 2021 Recruit M&E and Gender officer</p> <p>Newsletter #5 Billboards: Funafuti, Nanumea and Nanumaga Video clips: upskilling options</p>
	Stakeholder Engagement	SEP (+GRM) update (draft version 4)	Kaupules and GoT' final approval consultations	Kaupules and GoT consultations at start of work Identify community "champions"
	Environmental and Social Safeguards	<p>Updating SESP (+standard 6 for indigenous people) Updating ESMP</p> <p>SEP (+GRM) see above</p>	<p>SESP update (version 4)</p> <p>ESMP update (final draft version 7) (TCAP website)</p> <p>GRM complaint form and register</p>	<p>Risk register update</p> <p>Constructor's C-ESMP for each island</p> <p>Set-up GRM committee Disclose GRM on TCAP website Recruit Safeguards and Works Supervisor officer</p>
	Gender Elements		<p>Gender analysis update GSAP update (final draft version 4)</p>	<p>Training staff (current and new positions) in gender mainstreaming and gender data disaggregation Recruit M&E and Gender officer</p>

	Other	PMU roles and responsibilities training Mid-term Evaluation: <ul style="list-style-type: none"> • Report • GCF feedback • Management response Update TCAP Logic Framework UNDP GCF projects global review Investigate project cash advance options	PMU team consolidation MTE recommendations' Management Response BDO report and recommendations	Restructure PMU restructure Disclosed MTE recommendations' Management Response Update logframe Update Theory of Chane (TOC) Develop sustainability strategy for each Output Set-up PCH
Total Expenditure for Output 4				Q1 = USD\$73,076 Q2 = USD\$88,152,228
TOTAL EXPENDITURE FOR QUARTER 1, 2021				USD\$394,658
TOTAL EXPENDITURE FOR 2021				USD\$782,503

QUALITY ASSURANCE

Prepared by Alan Resture

Project Manager



Date of submission: 14 July 2021

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Sighted by Pepetua Latasi

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Date Received: