



NACCC 5 - Meeting Paper

PROJECT UPDATE MAY 2018

Project Name: Tuvalu Coastal Adaptation Project (TCAP)

Reporting period: Jan – May 2018

Background

The United Nations Development Programme (UNDP- Pacific Office) in partnership with the Government of Tuvalu is directly implementing the Green Climate Fund (GCF) funded Tuvalu Coastal Adaptation Project (TCAP) which was signed in June 2017; and officially launched on the 30th of August 2017.

The TCAP Project's **main objective** is *to reduce the vulnerability of three islands of Tuvalu (Funafuti, Nanumea and Nanumaga) to the impacts of climate-induced sea level rise and intensifying storm events on their key coastal infrastructures.*

Key Activities by Outputs (*What activities been implemented during this period*)

<p><u>Output 1: Strengthening of institutions, human resources, awareness and knowledge for resilient coastal management</u></p>

- ToR developed and recruitment of a Capacity Needs Assessment Specialist is at the contract signing stage with the likely schedule for the consultant to commence the consultancy work from September 6th.
- Additional iro Capacity Needs Assessment Specialist :
Objectives of the Consultancy is to:
 1. To conduct a technical capacity gap and needs assessment of relevant agencies involved in coastal management and protection in Tuvalu (the Tuvalu Climate Change Policy and Disaster Coordination Unit (CCPDCU), the Department of Lands and Survey (DoLS), Public Works Department (PWD) and the Department of Environment (DoE))
 2. To prepare a technical capacity development strategy and action plan for building their technical capacities in their respective areas for sustainable, climate resilient coastal management.

Deliverables of the Consultancy

1. Inception Note; and
2. Technical Capacity Development Strategy & Action Plan for the identified Government Partners mentioned above;



- This consultancy is scheduled from Sept 3rd to October 2nd. He shall be spending a maximum of 15days in Funafuti (Sept 7th-24th) and around 8 days in Suva.
- Financial training for MEYS and other GoT partners completed in January 2018.
 - The TCAP Annual Work Plan for Scholarships Program has been drafted collaboratively with the Government of Tuvalu. This will guide the implementation of TCAPs scholarships program and will also have enduring use for other similar Projects.
 - Two undergrad students have already been selected for studies overseas. The scholarships offered are in areas of study immediately pertinent to coastal management / coastal adaptation (Bachelor in Civil Engineering, University of Canterbury, New Zealand; Geospatial Science, University of South Australia).
 - Both to commence studies from Semester 2 of 2018.
 - Community coastal processes awareness session held in Nanumaga, Nanumea and Funafuti. These interactive sessions were held with communities on all three islands to build local awareness on the state of local shoreline processes, the challenge of marine hazards and climate change impacts and potential mitigating activities.
 - GIS based island shoreline monitoring platform has been developed for Nanumaga, Nanumea and Fogafale.

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

- TOR for Safeguards Specialist has been developed and recruitment is underway. The Safeguards Specialist shall look into the safeguards compliance issues required by GCF.
- Final review of TOR for Coastal Engineer (Bangkok Office) who will set the scene for the construction phase is underway.
- To avoid duplication, maximise efficiencies and achieve results faster TCAP has divided the National Island Assessment Tasks into two areas; 1) the social component and 2) the biophysical component.
- TCAP will support and augment existing work on similar studies which are currently ongoing in country.
 - Social – IVA (Island Vulnerability Assessment), TCAP will work with international and local stakeholders to augment final outputs.
 - Biophysical – TCAP is in negotiation with SPC's GEM Division to support existing work they are implementing on all islands with UK Hydrographic and Tuvalu Lands and Survey Division. TCAP will support the existing approach but also augment the ToR of this work by contracting SPC to extend the study



and produce integrated (social + biophysical) island reports on coastal vulnerability.

- A 2 week technical assessment and reconnaissance mission was undertaken in Funafuti in February 2018.
- The technical draft report explaining the TCAP conceptual approach for coastal works on Fogafale's lagoon shore is now available. This report will be shared with the project board and stakeholders and feedback sought.
 - Note that A rapid technical assessment of shoreline processes and strategies for mitigating hazard exposure on Nanumea and Nanumaga was undertaken in November 2017.
 - The conceptual design for mitigation measures (capital works) on the targeted island Nanumaga, Nanumea have been drafted. These concepts have also been shared with each community and to date been received favourably.
- Engineers plans / drawings aligned to the TCAP coastal protection concepts are being produced by DOWHA Engineering Korea, due to be complete in May.
 - This is a collaborative effort between TCAP and DOWHA who were otherwise working independently in Fogafale lagoon shore environment. This partnership may potentially fast track TCAP infrastructure activities, avoids duplication and produces significant financial efficiencies.
- TCAP is in negotiation at this time with SPC's GEM Division to potentially undertake a range of tasks related to implementing coastal works on Nanumaga, Nanumea and Fogafale. There are significant efficiencies in using SPC as they have the most comprehensive holdings of relevant data pertaining to Pacific Islands, are the only regionally based agency with the technical tools to implement such work and have well established working relationships with PI Governments and communities. Otherwise SPC will be contracted to;
 - Undertake the collection of technical data necessary for the detailed design of coastal infrastructure on Nanumaga and Nanumea (including analysis and hydrodynamic modelling products).
 - Collect baselines (social and biophysical) pertinent to ESIA processes for all 3 locations.
 - Potentially complete the ESIA process for all 3 locations (in negotiation now).
 - HACTs assessment for SPC completed in mid May 2018
- The IVA process which is currently underway also collects gender disaggregated information and it is expected this will allow analysis to satisfy Output 2 tasks.

Output 3: A sustainable financing mechanism established for long-term adaptation efforts



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- Recruitment process for Communication Officer (remaining staff position) is underway.
- TOR for ISP Officer (final review) is in progress and recruitment process will be completed in May.
- The ISP officer will set the stage in aligning and preparation of Kaupules to receive the Performance Based Climate Resilience Grant (PBCRG) through delivering of capacity building training.
- Stock taking exercise for the mainstreaming of CC in Education is underway
- Agreement made with TNCW (Tuvalu National Council of Women) for a planning workshop in early July to identify ways to increase women's participation in TCAP roll-out activities.
- Collaboration ties through formal dialogue between TCAP, LoCAL and NAPA 2 has been established.
 - A stock taking exercise was undertaken in March-April on the baselines, gaps, issues and lesson learn to assist with the development of the Manual for the Sustainable Financing Mechanism.
 - A draft report of the stock taking has been completed and is under final review by the LoCAL technical team.
 - A shared WP of overlapped activities between TCAP and LoCAL have been drafted in close collaboration with LoCAL.
- Development of brochure and website is underway. Views and approval from PB and GoT is required to complete this initiative. A draft design (by end of May) will be shared once it is available.
- APR 2017 submitted to GCF in late Feb 2018

Important issues:

- Misunderstanding on the flow and sharing of information between TCAP and Gov't partners.

Challenges:

- Communication between PMU, Suva and Bangkok office was difficult to maintain due to poor internet services.

Planned activities for the next month:

- Recruitment of Environmental Social Safeguards Specialist for TCAP
- Recruitment of Capacity Needs Assessment Specialist (Output 1)
- Release Advertisement for ISP Officer position for TCAP
- Release Advertisement for Coastal Engineer
- Circulation of 2nd Project Board Meeting (28th May 2018) Minutes



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