

Consultations with Funafuti Key Stakeholders on the Draft ESIA report 27th October – 2nd November 2020

1. Introduction

TCAP procured the services of SPC to carry out the ESIA on Nanumea, Nanumaga and Funafuti. A team was deployed to Nanumea and Nanumaga and Funafuti from July to September 2020 to carry out the *geotechnical assessment* and *environmental and social impact assessment*. A draft report was produced in June 2020 for Nanumea and Nanumaga, with the hope of sharing this report with stakeholders on both islands. Due to the covid-19 pandemic and the closure of borders, the team from SPC and the project's technical personnel (Coastal Engineer and CTA), were not able to come to Tuvalu for the draft report consultation. Thus, PMU personnel in Tuvalu took the draft report to Funafuti community and discussed the report with key stakeholders.

Consultations on Funafuti commenced from 27th October and concluded on 2nd November 2020. The outcome of the consultations is tabulated below, based on each group's views on the impacts of the project and possible solutions:

Women's Group	
Impacts	Key management options
<ol style="list-style-type: none"> 1. Decrease in biodiversity – bivalve and molluscs 2. Influx of people from other communities into Catalina harbour 3. Dredging of sand within 100 metres from coastline 4. Dust can be settled on roof tops – contaminated drinking water 5. Severe erosion at Catalina Harbour 6. Runoff on the reclaimed land can wash away sand 7. Land ownership. Reclaimed land not belonging to Funafuti 8. Big waves crashing at the Catalina harbour 9. Rubbish along the beach 10. Noise of machinery and heavy vehicles 11. Water drainage may block 12. Limited access for women 13. Children may fall into the sea 	<ol style="list-style-type: none"> 1. Fakamasiki ki tua ote koga ka tanu 2. Only people from Funafuti to use Catalina Harbour; have a gate at the entrance to the Harbour 3. Have a Tuvaluan national work on the dredge as watchman 4. Use dust curtains at work site; Construction company to provide water filters to all nearby residents 5. Rehabilitate the harbour properly 6. Ensure the surface's slope is gradual so that only water runs off and not sand as well 7. Government to have dialogue with the Funafuti community to give full ownership of the reclaimed land to the Funafuti people 8. Build wave breakers lagoon-ward of Catalina Harbour 9. To have a clean up campaign before reclamation works begin. 10. Stop work during devotion time and on Sundays 11. Use big pipes for water drainage 12. To build steps at the lagoon side of the reclaimed area 13. Build a fence on the lagoon side of the reclaimed area

Boat owners and coastal residents (lagoonside)	
Impacts	Key management options
<ol style="list-style-type: none"> 1. Heat – Nearby household will experience more heat due to the new reclamation land. 2. Lots of dust will end up in nearby houses 3. Difficulty in road access to the seaside 4. Small space in Catalina harbor will cause problems for fisherman such as loss of fishing tools and damage boats. 5. Time consume in walking to the lagoon. 6. Loss of biodiversity 7. Regulations is not related to present situation 8. Lots of new rules and regulation 9. Conflict between people 10. Dredged sand given for free 	<ol style="list-style-type: none"> 1. Plant trees and flowering plants on the reclamation area 2. Contractor to provide dust curtains 3. Make footpaths 4. Have a gate into the mooring dock 5. Good exercise 6. Collect and relocate bivalves & molluscs outside of the reclaimed land 7. Landowners to discuss with government ownership of reclaimed land to be given to Funafuti community 8. Needs more awareness raising 9. Kaupule & Falekaupule to resolve conflicts

11. More domestic problems. Workers spend all their pay on alcohol. 12. Congestion will occur in the harbour	10. Dredged sand is to be charged and paid to Funafuti people 11. Prepare an agreement (contract) for labour workers, in order to deduct a portion from their wages to their families. 12. Built boat ramp and buoys to be used by fishermen
Questions	
1. Is there any gas or chemicals from the sand that will be absorbed from the sea? Because due to Elizabeth 2 Park reclamation land that was done previously, the sand is itchy when its wet. 2. Is there any impact to Funafuti islet when this project is done? 3. Is there any compensation for trees that need to be remove from this area? 4. Is there any possibility to change the regulation to let the Funafuti community owned and make decision to the lagoon and all marine resources?	

Funafuti Community Leaders and Kaupule Members	
Impacts	Key management options
1. Major sand erosion in the mainland and islet 2. The new reclamation land will affect boat owners due to the new location of Catalina harbor. 3. The new reclamation land will affect the coral reefs, seaweeds and fighting conch. 4. There will be no sand due to erosion. 5. The benefit from projects should stay within the community. 6. Seaport for boat owners 7. More people will trespass into the Pastor's compound 8. Reclamation land will attract people from outer islands to the capital 9. There will be conflict between the Government and Funafuti community on ownership	1. The company to carryout proper research for the impacts of this new reclamation land. 2. The company to do research on problems arise from the new port or harbor. 3. Every living species in the area of reclamation land to be collected and relocated to a safe area. 4. Provide plans to keep sand safe from erosion 5. First prioritize the Funafuti community in work opportunities 6. Build 2 or more boat harbours like the Catalina Harbour in Senala and Alapi side. 7. Provide a gate to the Catalina Harbour 8. Stop unnecessary migration from outer islands to the capital. 9. More dialogue between Funafuti community and government
Questions	
1. Who will be the owner of this new reclamation land? <ul style="list-style-type: none"> • Funafuti Community Leaders 2. Who will be responsible for the recruiting of workers? <ul style="list-style-type: none"> • Town council to be responsible for the recruiting of laborers. 3. Are there any years of guarantee for the company to look after the new reclamation land? <ul style="list-style-type: none"> • To be included in the contract 4. What will be placed/build on this reclamation land? 5. Is there any town planner?	

6. What is the estimate budget for this project?
7. Who funds the TCAP project?
8. What is the reason for stopping the sand dredging when the dust spread to 3km?
9. If nearby houses over tank are affected by the construction, is there any solution the project will use to help these families?
 - Compensate nearby houses
 - Project to replace belongings that has been destroyed
10. Is there any impact on the islet?
11. Are there any ramps in the Catalina harbor?
12. Is there any possibility for the project to provide trailer to transport boat to the seaport?
13. The ownership of the reclamation land to own by the Funafuti community.
14. Prepare an agreement between community, government and TCAP/contractor.
15. Remove all the coral reefs from the area where the project take place, to a safe place.

Men's group

QUESTIONS

1. Ownership: Why is the reclaimed land a property of the people of Tuvalu and not the property of the Funafuti community?
2. Can the bags be filled with concrete instead of sand? Or use rock armour instead of mega geobags?
3. Will the contractor compensate landowners or nearby residents if property/trees are damaged?
4. Who will enforce the ESIA? Like storage areas/facility for used oil/diesel?
5. Can the first opportunity for skilled labourers be given to Funafuti community members?
6. Can the geobags be turned to rocks?

PROBLEMS

1. If sand is dredged from the lagoon, islets at the southern end of the atoll will disappear
2. Fish and other marine organisms including bech-de-mers and other molluscs will be buried by reclaimed land.

PEOPLE WITH DISABILITY	
Issues/needs	Key management Option
Restricted access for people with disability	Build special roads and railing for disability people
Dust will affect roof top of nearby house and over tank	Contractor to provide water filter and screen to cover near houses from dust.
Plants will be destroyed by constructional machinery	The company/TCAP to do a research on the constructional machinery.
Accidents may happen, children fall into drain	Cover drainage properly

Request

1. The company to build footpaths, rails & ramp for disability people (wheelers)
2. The company to build a toilet and shelter for public use.
3. To provide work opportunity for disability people.
4. Provide safety gears for disability people
5. The company to provide filter to cover over tank and prevent nearby houses from dust.
6. TCAP to provide opportunity for disability people to sell food during the construction process
7. The company to provide signs for disability.
8. The company to provide notice during the construction process.
9. The company to provide hazard lights that indicate incidents
10. Include disability in every plan
11. Build railings at the Catalina harbor
12. Includes disability in work that best fit for them.
13. The TCAP and the Tuvalu government to allow disability to enter this new reclamation land
14. Outfit- Contractor to provide safety gear