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**Quarterly Project Progress Report 2/2016 (January-March)**  
Adaptation to Climate Change in the Coastal Zone in Vanuatu (VCAP)  
Date of the report: 20<sup>th</sup> July 2016



**Basic Project Information**

<b>Project Title: Adaptation to Climate Change in the Coastal Zone in Vanuatu</b>	
UNDP Award ID	00082472
UNDP Project ID	00091375
Project Duration	5 years
Reporting Period	Quarter 1 2016
Implementing Entity National Collaboration agencies	VMGD, PWD, Fisheries, Agriculture and Forestry, and DLA

Other UN/International Collaborating agencies	UNDP
Cost-sharing third parties (no direct cost-sharing)	National and Provincial Government
UNDP Programme Analyst	<b>Ms Loraini Sivo</b>

## 1. Project Implementation Status and Key Result

### Implementation Status Summary

The second quarter of this year 2016, VCAP was able to have 99% of its project staff including all the project component coordinators. The communication officer was recruited on 07/06/2016 and joined the VCAP team in quarter 2 of 2016.

The project currently started its activities on Epi and Pentecost with the assessments of the original baselines as priority sites targeted by the government to begin with after the devastated cyclone Pam last year in March 2015. The coordinators were taken a leading role together as a team with assistance from the site coordinators and local area secretaries who are base in the community for implementing the activities as specified for each responsible partners.

The LOA (Letter of Agreement) was signed with the project responsible partners (with the assistance of the Chief technical Advisor (CTA) namely: Department of Local Authorities at the Ministry of Internal Affairs, Department of Public Works at the Ministry of Infrastructure and Public Utilities, Ministry of Agriculture/Forestry/Fisheries/Bio-security and Vanuatu Meteorology & Geo-Hazard Department at the Ministry of Climate Change for the assistance required with the implementation of the output activities in the projects sites.

In this quarter a Technical Working Group (TWG) who provides technical support to the implementation of the project activities have schedule their meeting to be held every fortnight. The administration meeting for PIU was also established and it also schedule for every fortnight prior to the technical working Group meetings.

The Executing Entity and the Implementing Entities co-operate with the Department of Local Authorities (DLA) in carrying out activities under national implementation. The component activities were carried out as follows:

❖ *Component 1: Integrated community approaches to climate change adaptation.*

During this quarter 2, the component coordinators went to the project sites as listed below: Pentecost, Epi Island, Santo, Malekula, Sola, Ambae and Tafea Outer islands.

### Department of Local Authority

The activities on quarter 2 work plan were based on output activity 1.1.1.1 and output activity 1.1.1.2, are supposed to be carry out in this quarter. However, DLA managed to do the shipment of office facilities to North and South Erromango and also to site coordinators and area secretary's offices in order to upgrade the system of reporting, information and good communication. DLA has carry out the assessment on good governance to identify it as training tools to be used for area secretaries especially for local elected leaders. DLA activities on new climate proofed local Area Council facilities at Epi and Pentecost is now process through the Vanuatu Central Tenders Board tendering. The vulnerability assessment and induction training in South Santo, review of decentralization are supposed to be implemented in quarter 2 however postponed to quarter 3 on the first week of August.

Vulnerable Assessment template, the project is working together with PRRP in collaboration

with DLA to come up with the standard template and the task is still on going and also reviews the current template for site coordinator's reporting.

The office equipment for the local area councils were purchased and stocked at DLA storage while waiting for the completion of the climate-proofed offices to be built or refurbish at Epi, Pentecost, Santo, Tafea outer Islands and Torres Island before shipping them out.

### **Fisheries**

According to Fisheries component work-plan for quarter 2, most of the activities is based on assessments (verification of baseline information) with respect to the project document and implementation of activities together with community dialogue at three VCAP target sites, Aniwa, Futuna and Epi Island.

Currently, the Fisheries team is in Aniwa for baseline verification and should be returning from field by the 19<sup>th</sup> of July 2016. Mangrove assessment, Coral reef assessment, Sea grass assessment, Crown of Thrones assessments, Resource assessment, coastal issues faced, Fisheries resource profile, community dialogue were the activities done so far at Aniwa. There is also a co-sharing activity at Aniwa between the department and VCAP which is the deployment of FAD's. So far two FAD's have already been installed on the island of Aniwa. More detail of these activities will be in the Fisheries narrative report for quarter 2.

The team will be doing the same activities as mentioned earlier in Futuna Island. Futuna site visit is scheduled for next month, August.

Epi Island trip on the other hand, is scheduled for this month. Since Epi Island was the first site to be visited by VCAP Fisheries, deployment of FAD's will be one of the implementing activities at each community respectively (2 FAD's per community). The purchasing of FAD materials has already been done and ready for deployment at Epi. So far, the Fisheries department is working on a draft ICZMP for Epi Island. Community awareness for ICZMP will be a must during the trip!

In addition to that, Extension of Tabu Areas is also one of the implementing activities on site.

With that, more detail of activities will be reported on our narrative report for Q2.

### **Upland**

The Upland is currently on the field doing the implementation of the output activities in the priority sites of Epi and Pentecost after the devastated cyclone Pam in March 2015. The purchased of materials and equipment's have already being done and shipped to the project target site on Epi and Pentecost. The team is already on Epi site implementing their output activities.

They are now working hard to complete permanent agro-forestry nurseries for raising climate resistance seedlings, conduct awareness and training on agro-forestry and also conduct training on raising seedlings and nursery. The Upland team involved the local communities to help them with the planting of vetiver grass on the proposed sites in Epi. Once they complete the activities in Epi target sites then they will joined the site coordinators in Pentecost Island to implement the activities

### **Public Works Department**

The main purpose for these sites assessments is to confirm the proposed sites and the proposed baselines given in the project document.

The team covered these sites, the area of South Malekula (Okai), South Santo, Erromango, Aniwa, Futuna and Aneitym. Despite the originally baseline in the Project document in These areas, there are few areas that needs highlighting according to the Vanuatu Coastal Climate Change adaptation. According to the analyses done by the team it is very important to take into consideration the proposals. The assessments were done according to the restrictions given in the project document as priority sites or regarded as the original baseline in the project document. The overview of these assessments is to verify the original baseline of the project document and add new baseline if necessary though it will have to go through the project board for approval. The new baselines that the team were discovered along the project sites are: drift crossing, culvert or stabilization of area, cabion, and quarry site at boarder of Okai and Neranniew at Malekula, river and creek crossing, strip concrete pavement in Aniwa, footbridge in Aneitym, new staircase, railing and new footpath in Futuna. According to the verifications, most of the VCAP project sites are outside of the main network of the government infrastructure which is a huge challenge for maintenance after completion. GPS is used to locate all the coordinates for all project sites but still it's a huge challenge for access in some of the outer remote island especially in the Tafea Outer Island. The output activities of Public Works Department (PWD) are now on process through the Vanuatu Central Tenders Board tendering process such as upgrading of roads, rivers and creeks crossings at Epi and Pentecost. Target date for completing PWD activities will be around November 2016.

### **Vanuatu meteorology Geo-hazards Department**

The VMGD team has facilitated the implementation of the activity 2.1.1.1 through renovation of the 5 project sites offices and internet connection has will carry out as per project document. The bills of quantities for the upgrade of facilities as requested in quarter 1 have been done, whilst the survey of OGCI0 connection to 5 sites has been completed. The remaining weeks for this quarter is for purchasing and implementation of internet connection and renovation of sites offices. Component 2 activities of the project for Vanuatu Meteorology and Geo-Hazard (VMGD) are also now on process through the Vanuatu Central Tenders tendering process for supplying and delivering the Automatic Weather Station (AWS) and Integrated Weather Forecasting System (IWFS). Awaiting the contract to be awarded then proceed with the purchasing.

The refurbishment of the Forecasting Division to cater the real time monitoring of cyclone warning have been upgrade with the purchase of specific PCs and equipment's. The team has finalized the bills of quantities for renovation of Aneitym meteo office, following the complete re-construction of Lamap meteo station. Whilst minor renovation will be done at White Grass, Santo, Sola and Saratamata. The ICT and Engineering Division at VMGD, have finalized reports for the connection of OGCI0 egov links to the 5 projects as requested by the project document, hence the bills of the quantities of the supply is yet to be finalised due to the rescheduling of air Vanuatu's flights to the sites. However the purchase and connection of the equipment's will be done soon.

### **Implementation Progress Summary**

The summary of implementation progress is indicated in the attached spreadsheet.

#### **Achievement to date by components**

Component 1.1.1

- Review of standard Vulnerabilities Assessment template.
- Shipment of office equipment to North and South Erromango.
- Sea freight office equipment to site coordinators and area secretary's offices to upgrade the system of reporting, information and good communication.
- DLA has carry out the assessment on good governance to identify it as training tools to be used for area secretaries especially for local elected leaders.
- DLA activities on new climate proofed local Area Council facilities at Epi and Pentecost is now on the process through the Vanuatu Central Tenders Board tendering.

#### Component 1.2.1

- Verify baselines/sites assessments/workshop/community dialogue in Futuna and Aniwa.
- Planning for future ICZMAP and identification of suitable locations for expansion of Tabu systems in Epi and Pentecost.
- Develop community Management plan based on CICZM plans by integrating traditional knowledge from locals and scientific knowledge in Epi.
- The activities done on site were 80% complete. The remaining 20% consist of ICZMP & Siltation study (awaits International consultant).

#### Component 1.2.2

- Purchasing of materials and equipment has been done and shipped to Epi and Pentecost.
- Establishment of one permanent agro-forestry nurseries for raising climate resistant seedlings (Epi and Pentecost)
- Purchasing of vetiver grass and shipped to Epi and Pentecost.
- Conduct training on raising seedlings and nursery management.
- Conduct awareness and training on agro-forestry

#### Component 1.2.3

- The team covered these sites assessments, the area of South Malekula (Okai), South Santo, Erromango, Aniwa, Futuna and Aneitym is to confirm the proposed baselines given in the project document.

- The PWD has conducted discussions with communities, chiefs, Youths, men and women on the proposed in these sites as mentioned above.
- The team has signed communities' agreements with land owners for allowing their properties as contribution to the project for having access to improve public road conditions and rivers/creeks crossings.
- The output activities of PWD are now on process through the Vanuatu Central Tenders Board tendering process such as upgrading of roads, rivers and creeks crossings at Epi and Pentecost.

## Component 2

- VMGD team managed to complete 50% of the component activity 2.1.1.1 which includes the tender process completion, renovation of existing project facilities for AWS
- 55% of Activity 2.1.1.2 has also been completed, due to tendering of IWFS service and delivery and the refurbishment of the Forecast Division
- 30% of Activity 2.1.1.3 has been completed with VMGD ICT/ Engineering surveying of internet signals and connecting the OGCIO network to the 5 project sites
- The biggest purchase from VMGD budget will be going towards the purchase, service and delivery of AWS and IWFS. And that has taken place in this quarter

Outcome	Output	Source of Funding	Output Budget (what was requested for Q1 (Vatu))	Expenditure of the current reporting period by output (Vatu)	Delivery Rate of the current reporting period (%)	Accumulated Delivery Rate by the current reporting period (%)
<b>Output 1.1.1</b> Integrated CC-Adaptation Plans mainstreamed in the coastal zone.	1.1.1.1 Establishment of field capacity	GEF	4,815,232	6,031,792		
	1.1.1.2 Undertake pilot in CC Vulnerability Assessment					
	1.1.1.3 Completion of comprehensive vulnerable assessment					
	1.1.1.4 Development of Coastal Climate Change Adaptation Strategies					
	1.1.1.5 Implementation of the mainstreamed CCCAD Strategies at community and Area Council levels					
<b>Output 1.2.1</b> Threatened coastal ecosystems and resources such as mangroves, coral reefs and fisheries rehabilitated to support livelihoods and food production and increase climate resilience.	1.2.1.1 Build upon initial PPG assessments to develop detailed marine ecosystem health baselines	GEF	7,700,568	7,514,320		
	1.2.1.2 Develop Community Integrated Coastal Zone Management Plans					
	1.2.1.3 Implementation of the CICZM Plans including deployment of FADs					
	1.2.1.4 Support the site-based network of marine managed areas throughout Vanuatu which include V-CAP sites and existing CCAs to facilitate learning between resource monitors					
	1.2.1.5 Monitoring and evaluation of the implementation of these					

<b>Output 1.2.2</b> Coastal areas stabilized through re-vegetation and other 'soft' approaches to complement 'hard' measures.	plans will be completed annually by Field Officer from V-CAP sites				
	1.2.2.1 Develop baselines of issues and threats of terrestrial upland and coastal ecosystems	5,424,120	3,952,861		
	1.2.2.2 Develop Integrated Upland Management and Climate Change Adaptation Plan (UMCCAP)				
	1.2.2.3 Implementation of the Upland Management and Climate Change Adaptation Plan (UMCCAP) including nurseries, agricultural training and extension,				
	1.2.2.4 As part of the implementation of Upland Management and Climate Change Adaptation Plan (UMCCAP) develop specific cooperative programs with forestry, agriculture and water resources agencies				
	1.2.2.5 Monitoring, evaluation and work planning will be based on the UMCCAP prepared in Year one, and annual participatory reviews,				
<b>Output 1.2.3</b> Improved resilience through climate proofing of selected public conveyance infrastructure (roads, bridges, etc. Implemented by the Public Works	1.2.3.1 Undertake further in-depth community mapping, in particular transport routes and use of secondary conveyances	430,512	430,512		
	1.2.3.2 Develop an integrated and detailed work plan for the implementation of the works				



Department) in the coastal zone in at least 6 priority vulnerable coastal communities.	1.2.3.3 Develop and finalise an agreements between PWD, communities, provincial governments and V-CAP on implementation arrangements.				
	1.2.3.4 Develop and implement an overall monitoring and evaluation plans for the roll out of works in each of the site				
	1.2.3.5 Training of students from the RTC in Ambae and communities from V-CAP sites				
<b>Outcome 2</b> Early warning system	2.1.1 Automated system for real time monitoring of climate-related hazards such as coastal flooding, storm surges, sea-level rise designed, installed and maintained	6,587,684	2,560,122		
	2.1.2 Timely releases of early warnings against coastal flooding and storm surges through various public media				
	2.1.3 Capacity of 18 VMGD staffs in the operation and maintenance of AWS and in the analysis of data strengthened				
<b>Outcome 3</b>					
	Climate Change Governance	653,063	580,500		

Outcome 4	Knowledge Management		405,384	608,369		
Outcome 5	Project Management		807,296	228,444		
<b>Total</b>			<b>26,823,859</b>	<b>21,906,929</b>	<b>81%</b>	

## 2. Financial Management

### Financial Information Summary (against valid Quarterly WP)

Reporting Period: Quarter 1 of 2016

### Financial Information Summary (against AWP 2016)

Component	Outcome	Source of Funding	Activity Budget (Vatu)	Accumulated Expenditure of the current reporting year period (Vatu)	Accumulated Expenditure by previous years (Vatu)	Delivery Rate of the current reporting year (%)	Accumulated Delivery Rate since start of project (%)
C1 Integrated community approaches to climate change adaptation	Outcome 1.1: CC adaptation plans, including risk management, preparedness and response plans, formulated in the context of ICM and in relation to site-specific vulnerabilities, subsequently adopted and mainstreamed in planning processes		18,370,432	17,929,494			
	Outcome 1.2: Improved climate resilience of coastal areas through integrated approaches						
C 2 Information and early warning systems on coastal hazards.	Reduced exposure to flood related risks and hazards in the target coastal communities.		6,587,684	2,560,122			
C 3 Climate Change Governance	Climate Change adaptation enabling policies and supportive institutions levels		653,063	580,500			
C4 Knowledge Management	Increase awareness and ownership of climate risk		405,384	608,369			

C 5 Project Management	reduction processes at the national and local levels							
	Project Management Unit		807,296	228,444				
<b>Total</b>			<b>26,823,859</b>	<b>21,906,929</b>		<b>81%</b>		

## **2. Project Management and Oversight**

The Project Implementation Unit (PIU) commenced its role in quarter 1 of 2016 after the recruitment of Project Manager in quarter 4 of 2015. This followed by the recruitment of Administration and Finance officer, Monitoring and Evaluation officer including all the component coordinators and remaining sites coordinators in quarter 1 of 2016. Now we also recruit the communication officer to join the VCAP project staffs.

Office spaces for PIU staff were allocated at the Project management Unit in the Vanuatu Meteorology and Geo-Hazard Department at the Ministry of Climate Change, while the rest of the component coordinators were house at various responsible partners premises. The project team started to mobilize with the assistance of UNDP Project Analyst, Ms Loraini Sivo and the Project Chief Technical Advisor (CTA), Mr Manfred Staab.

The team has organized and started to venture the assessment of existing baselines in the priority sites as mandated by the Government of Vanuatu as a recovery measures for tragedy cyclone Pam. Thus the first deployed team of Public Works Department (PWD), Upland and Fisheries with the coordination of the Department of Local Authorities (DLA) went to Epi and Pentecost. Vanuatu Meteorology and Geo-Hazard Department team went to their allocated project sites and did the same assessment. Every coordinator is beginning the implementation of the output activities along the project sites during this quarter.

### **• Monitoring and Evaluation**

The Monitoring and Evaluation of the project has been done via desktop assistance in several occasions with UNDP Program Analyst and Project Chief Technical Advisor. The Project Implementation Unit (PIU) with the Monitoring and Evaluation officer closely monitored progress in its fortnightly Administration and Staff meetings including the Technical Working Group meetings every monthly.

The current indicators in the project document remain the same for this quarter. However, the baselines for each component need to be updated in quarter 3 after the component teams identified these on sites this quarter. For instance, the Public Works Department team identified new baselines along the project sites at the area of South Malekula (Okai), South Santo, Erromango, Aniwa, Futuna and Aneitym which are not in the project document. These new baselines that the team were identified on project sites are: drift crossing, culvert or stabilization of area, cabin, and quarry site at boarder of Okai and Neranniew at Malekula, river and creek crossing, strip concrete pavement in Aniwa, footbridge in Aneitym, new staircase, railing and new footpath in Futuna.

### **• Risk management**

This quarter there were several risks encountered which have some impact on the project and these are as follows:

- i. Recruitment of Project Implementation Unit (PIU) staff and the component coordinators in quarter 1, which affected the starting of the implementation of output activities. Despite these late recruitment, the PIU has organized the training

- for the coordinators to bring them up to speed with the assistance of the project Chief Technical Advisor and UNDP Programme Analyst.
- ii. The Project Director, Mr Jotham Napat who is the former Director General of the Ministry of Climate Change has been replaced by Mr Jesse Benjiman in quarter 1. This also has an effect on the implementation of the project activities, but with the assistance of the Project Management Unit and the Department the logistics of works were carried on until the official appointment of Mr Jesse Benjiman as a new Director General for the Ministry of Climate Change and at the same time as VCAP new Project Director.
  - iii. Domestic airline flights for air Vanuatu in quarter 2 were not reliable, so the PIU had to charter several flights using private planes for the project teams to go and carried out their activities on sites.
  - iv. Remoteness of some project sites which required more time for travelling to these sites and carry out the activities. Project Implementation Unit for VCAP had to take other options by chartering private planes to drop off the teams on sites and arranged for picking up the teams after works were completed. Furthermore, some of the Site Coordinators are living in remote places such as East Pentecost where it was very difficult to reach by mobile phones. The project had to contact the local area council secretaries.
  - v. The labour cost for climate proof new facilities for DLA, provinces might not have the funds available and our recommendation is for project to meet the labour cost, so the construction will not be delay.

### • **Communication and Advocacy**

We have been recruited the communication officer on 07<sup>th</sup> June 2016 to carry out the output activities for communication. The reason why the recruitment for the communication has delayed because on the first quarter there is no implementation of the output activities has been done for each component.

### • **Focus on gender equity and equality**

During the site assessments, the community's consultation mainly focuses on gender. These focus groups enable women and young people to express their views openly with regards to assessment of the climate change issues. For instance, Vanuatu Meteorology and Geo-Hazard team engaged female teachers in the project sites for providing feed backs of what needs to be done in the communities and government as a whole. With that, same has been done for Fisheries, DLA and Upland teams who involved the women communities at various project sites during their consultations.

The involvement of women in the communities has great impacts since majority of works done in the gardens are from women. Women are more concern for food, water, shelter and other households' needs than men. Women often take the leading roles for passing on the climate change information to the children and take the initiatives for making some resilience plans.

### **3. Management Responses and Recommendations**

*(To be completed by project in coordination with UNDP)*

The Project Implementation Unit (PIU) has set up the Technical Working Group (TWG) with the assistance from the project Chief Technical Advisor, Mr Manfred Staab for guiding the

implementation of the project activities. This is to help resolve some technical issues which might affect the implementation of output activities. The Technical Working Group meets once a month for assessing and reviewing the implementing strategies for each component activities. The TWG consist of the Responsible Partners' Directors of the project and the Implementing Partner.

Furthermore, PIU has also set up the staff meeting for all the project component coordinators to assess, fast track the implementation of activities on ground and assist the coordinators with their progress reports including the quarterly work plans. The schedule for staff meeting is every fortnightly. PIU has also established the administration meeting every fortnightly prior to staff meeting for making sure the administration matters are being addressed according the project time frame.

With these management responses undertaken so far this quarter, Project Implementation Unit would like to make some recommendations for the beneficiary of the project. These include the following:

1. Admin and Finance officer needs an intensive financial training at UNDP Fiji base office so she can be able to thoroughly master the use of UNDP financial tools and get to know the financial staff at Fiji office.
2. Monitoring and Evaluation officer needs an intensive training for up skilling his capacity in the M&E area.
3. Need for Project Analyst, Mrs Loraini Sivo to pay a visit to PIU once a quarter for building up the confidence of the coordinators and staff with their responsibilities.

#### **4. Annexes**

Find attached are the following documents:

- 80% Acquittal for Quarter 2 of 2016
- Quarter 3 work plan
- Update Project Risk Log
- Lessons Learned
- Implementation Progress Summary

PREPARED BY PM

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Date: 20<sup>th</sup> July 2016

APPROVED BY NPD

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Date:

RECEIVED AND REVIEWED BY UNDP

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Date: