

TONGA PACIFIC ADAPTATION TO CLIMATE CHANGE PROJECT

WATER SECTOR

PACC ANNUAL MPR MEETING 2010, SAMOA



Summary of overall progress for 2009

- MOU signed
- The PMU is hosted by the Ministry of Environment and Climate Change
- Tonga attended all Technical Meetings
- All PACC funding deposited Government General Development Fund through Westpac Bank of Tonga
- Transferred funds deposited to a Vote created in the Ministry of Finance for Tonga PACC Project
- Advertisement of Project Coordinator Post and its support

Summary of overall progress for 1st Quarter 2010 (Accomplishment 1st Quarter)

- ▶ Recruitment of PACC Project Coordinator at it supportinate (19 January , 2010)
- ▶ Procurement of Equipment & furniture
- ▶ Briefing of MECC Staff regarding PACC Project (10th February)
- ▶ Inception Meeting (2nd March)
- ▶ Technical Meeting (Forming of PACC Technical Working Group) (3rd March)
- ▶ Hihifo Consultation Workshops (22nd March–30th March)
- ▶ Stock takings of all surveys and studies on the project siteApril
- ▶ Setting up of network and website April–May)

Project Outcome One: MAINSTREAMING

Policy Development

- ▶ There is an existing Climate Change Policy with in the Ministry of Environment and Climate Change and we are in the process on following it up to probably including PACC requirement for Water Sector in the existing policy.

Component 2: PILOT DEMONSTRATION

- ▶ The Tonga PACC Management Unit has organized and conducted 6 workshops at all villages at Hihifo. (*Refer workshops report*)
- ▶ The objectives of these workshops are as follows;
- ▶ to introduce PACC project and its outcomes and outputs to the community which should provide a good basis for detail assessment activities in preparation for implementation;
- ▶ to gather information to design a process for general community participation and for the development of appropriate awareness materials for the community; and to compile basic village data that would assist both problem analysis and project planning; identify and assess community perceptions of the causes of problems; explore possible solution
- ▶ To devise with the communities how they can be organized to take part in the project implementation assessment, design and implementation and identify key links between the community and the Government.

Surveys and Assessments for Project Demonstration Site (2nd Quarter)

- ▶ Term of References are in place for surveys and assessment
 1. Socio–Economic Survey
 2. Underground Water Survey
 3. Water Vulnerability Assessment
 4. Hihifo Existing Water System
- (For Tonga it is crucial to undertake these surveys and assessment for baseline information for the PACC Project)

Outcome 3: CAPACITY GAPS AND NEEDS, TECHNICAL SUPPORT


SETTING WEBSITE & INTERNET CONNECTION

- ▶ Tonga PACC is currently setting up website for MECC/PACC and other projects hosted by MECC
- ▶ SLM securing internet connection for other projects, MECC including PACC
- ▶ The MECC will ensure that all future projects and MECC will contribute to sustain the life of this Website

Technical Support

- ▶ The Ministry of Environment and Climate Change through PACC Management Unit has established a Project Technical Team and this team where formed from Key Stake holders.
- ▶ *This technical team comprise of the following members; 1) Ministry of Health 2) Tonga Water Board 3) Geology Section 4) Second National Communication Project 5) Australian High Commission 6) Ministry of Finance and Planning 7) Meteorological Services 8) PACC PMU. (Refer Technical Group #1 meeting Report).*


Tonga Water Board

- ▶ Salination from over-harvesting due to high demands and water leakage
 - ▶ Contamination of water lens from oil
 - ▶ Capacity to monitor water quality only to salinity and pollution test
 - ▶ Conflict with Ministry of Health on managing village water consumption as we all take from the same lens
 - ▶ Lack of regulation on controlling water consumption
 - ▶ Water wastage and quality in the village
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AusAid Tonga

- ▶ Link to other community-based project previously done in the Hihifo District
- ▶ Possible new water project for Hihifo


Ministry of Health

- ▶ Water quality
 - ▶ Water pollution and contaminated water supply
 - ▶ Ministry responsible village water supply
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Ministry of Lands, Survey and Natural Resources (Geology Division)

- ▶ Hydro-geological monitoring of water quality in Hihifo District
- ▶ Survey and leveling to determine accurate total depth to be drilled in relation to estimated thickness of water lens

Tonga Trust (NGO)

- ▶ Hihifo District water supply
 - ▶ Construction of rainwater catchment; the Tonga trust has been involved in rural water supply throughout the Kingdom.
 - ▶ Improve community/domestic water supply mainly water tanks and they also increase community involvement in self-reliance in rural water supply scheme
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Meteorological Services


- ▶ Climate change
- ▶ Estimated rainfall per year

Ministry of Finance and Planning

- ▶ **Coordinate all Government Projects**
- ▶ **Liaise with donors for project approval**

Awareness Program

Hihifo Workshop Output

- ▶ PACC to put up Bill Board on demonstration Site
 - ▶ Brochure to be distributed
 - ▶ Poster
 - ▶ Television Program (Video Clip)
 - ▶ Hihifo PACC Water Committee
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OUTCOME 4 :PROJECT MANAGEMENT AND INSTITUIONAL ARRANGEMENTS

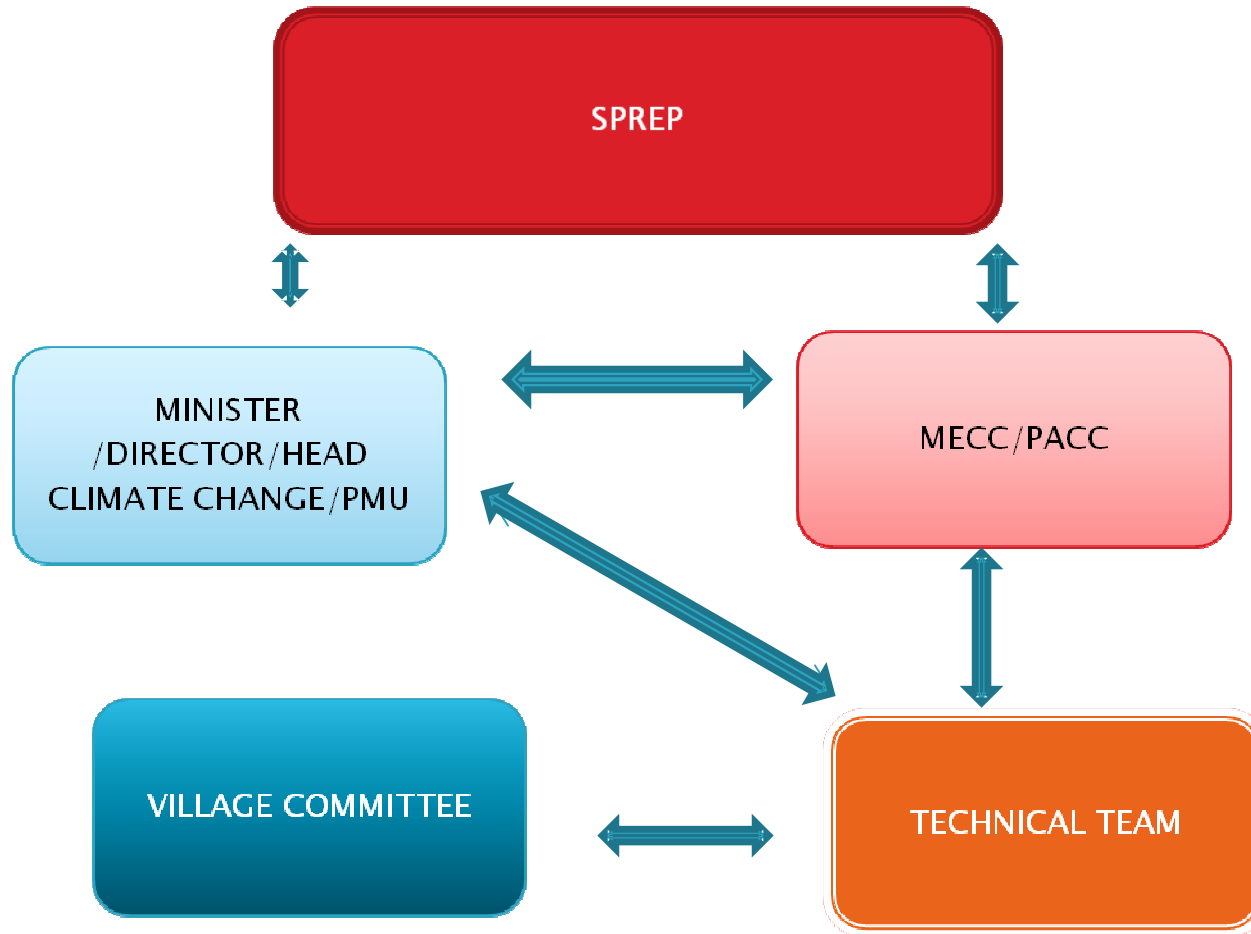
The Project Management

- ▶ Functions of Tonga Project Management Unit are documented in each officer contract agreement
- ▶ PACC activities have to be approved by the Acting Director of Ministry of Environment and Climate Change as the implementing agency in the national level.
- ▶ The PACC has adopted the existing Government channel of communication with local communities.
- ▶ The PACC Project has planned to form a Hihifo PACC Committee and the function of that committee to oversee and pass on to community, activities that approved to be carried out from the Technical Working Group.

Stakeholder Engagement

- Key Stakeholders were all invited as member in the Technical Working Group. (Refer 1 Technical Working Group Meeting)
- Tonga PACC PMU plan all activities and pass on to the Technical Working Group for discussion and later finalized by the Acting Director and the Minister for MECC.

TONGA PACC MANAGEMENT ARRANGEMENT



Monitoring and Evaluation

- ▶ No log frame yet developed

Co financing Confirmation

- ▶ A Water Project from the Japanese Government has recently implemented a new water supply system for Fo'ui Village.
- ▶ Australian Government has approved funding for water supply for Hihifo. The PACC project is currently negotiating with Ministry of Finance and Planning to utilize this fund for PACC activities.

Annual Work Plan for 2010


Component One – Mainstreaming

Activities for 2010

- ▶ Conduct Consultation at the national level
- ▶ TOR to review existing water sector management plans
- ▶ Procurement of Consultant and Carried out.


Component Two – Pilot Implementation

Activities for 2010;


- ▶ Socio–Economic Survey
 - ▶ Underground Water Survey
 - ▶ Water vulnerability assessment
 - ▶ Conduct a study of the Hihifo water distribution System
 - ▶ Develop a Guideline
 - ▶ Design a drought resilience system for Hihifo
 - ▶ Priority from the Hihifo drought resilience design demonstrated
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Component Three – Technical Backstopping and Lessons Learnt

Activities for 2010

- ▶ Design of Website and network
 - ▶ Procure of server
 - ▶ Operationalise website
 - ▶ Develop a community water and climate change awareness plan
 - ▶ Develop of material according to plan
 - ▶ Carryout community awareness.
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Component Four – Project Management

- ▶ Salary
 - ▶ Stationary
 - ▶ Communication
 - ▶ Hiring of vehicles
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Financial Reporting

- ▶ So far there is no problem in the process of accessing funding from SPREP to Tonga PACC nominated bank accounts;
- ▶ The disbursement of funds for the 2nd quarter is quite slow and it is understandable it is due for behind schedule of reporting of narrative and financial reports from participating countries.
- ▶ Tonga planned and designed for number of activities to be carried out at the first month of this quarter, unfortunately the behind schedule in disbursement of fund delays the PACC project set dates for these activities.