

**GLOBAL ENVIRONMENT FACILITY
UNITED NATIONS DEVELOPMENT PROGRAMME
SOUTH PACIFIC REGIONAL ENVIRONMENT PROGRAMME**

**THE INTERNATIONAL WATERS PROJECT
IMPLEMENTING THE STRATEGIC ACTION PROGRAMME (SAP) FOR THE
INTERNATIONAL WATERS OF THE PACIFIC SMALL ISLAND DEVELOPING
STATES**

**THIRD MULTIPARTITE REVIEW (MPR-3)
5-9 July, 2004
Apia, Samoa**

**Fourth National Coordinator's Meeting (NCM-4)
5-7 July 2004**

**Papua New Guinea
NARRATIVE REPORT**

Summary of key outputs (June 2003 to June 2004)

- Intensive awareness on IWP and Invitation of Expressions of Interest (EoIs) from villages along the coastline of the Central Province
- Evaluation of Sixty EoIs
- Selection of Barakau village as pilot project site
- Launching of pilot project on site
- Awareness of project in the community
- Collection of baseline data
- Assistance with community water supply
- Development of assistance programmes with other agencies
- Formulation of national level initiatives that will complement activities at the local level
- Finalisation of Post Graduate Scholarship package with the University of PNG

General Overview of IWP Project, objectives, and activities for 2003/2004.

The main outputs planned for this period were selection of pilot project site, community-wide awareness on the project, collection of baseline data and completion of participatory problem analysis. So far the site has been selected, community entry has been made, initial awareness has been conducted and baseline data collection is in progress. PPA is expected to commence in early August and a draft implementation plan should be compiled by early October, 2004.

The main challenges that had to be dealt with were dispelling misconceptions about IWP as well as cultivating and maintaining community support. While it is appreciated that IWP is focusing on fostering positive and responsible behaviour towards the environment, the people are at the same time looking for tangible and obvious short-term development changes that can serve as indicators of IWP's commitment towards the well being of the community.

Specific activities and achievements 2003/2004

Communications

Extensive advertisement through the print and broadcast media was used to publicise the project and invite expressions of interest from villages along the Central Province coastline. In response sixty applications were received. It was found that newspaper advertisement was not as effective as radio. The advantages with the latter are wider coverage and relatively easy access to the information.

An updated pamphlet on IWP PNG was produced and distributed prior to launching of the pilot project. A newsletter template has been prepared and the first publication is planned for the end of the third quarter, 2004. An update on the programme will also be given on the Karai National Radio service on its environment awareness programme entitled Earth Watch, in mid-August, 2004. The village Councilor Mr. Kelly Madu will take part in the programme.

In addition copies of the quarterly reports were produced and distributed to all NTF members and other important stakeholders.

Stakeholder analysis and participation

As part of the baseline data collection a review of the stakeholders within the pilot project site and the surrounding area as well as the provincial and national level is being undertaken. The list of stakeholders may vary slightly depending on what focal area is being looked at. For example those having a bearing on waste management within Barakau village would not necessarily be relevant players when attention is shifted to inland freshwater quality protection. With regard to sustainable coastal fisheries other neighbouring coastal villages, a resort owner and a couple of dive boat operators may have to be involved.

Root cause analysis/PPA

This is expected to commence in early August as soon as the baseline data has been compiled. In preparation for detailed discussions during the PPA, the project team is preparing problem trees and log frames outlining areas of concern, probable root causes and possible solutions.

Baseline work

The first thing to do was to educate everyone in the village on IWP. It was crucial that everyone understood what the project is trying to achieve and how they can help realise these objectives. Since water supply is a critical issue, the first survey focused on assessing the water supply situation and how the project can assist. The information was gathered through a survey using a questionnaire. The survey was carried out by trained youth members who were taught how to approach people for information and record the responses. A second survey using the same approach was undertaken for waste management. Preparations are currently in progress for the third and final survey on socio-economic aspects.

In addition, a rapid reef assessment survey has been completed and the results are being compiled. Part two of the survey will be undertaken in the last two weeks of July. It will cover the mangrove areas and bay waters.

Economic assessments

A socio-economic survey questionnaire has been designed in consultation with the PCU and tested on a focus group. The revised questionnaire will be trailed on a sample population, and refined if necessary before the full survey on the entire village gets underway in mid-July.

Action/management plans

Work on this will commence after the PPA and a draft Remedial Action Plan should be produced by early October, 2004.

Lessons learned

Publicity tools

In comparison with newspaper publicity it was found that radio publicity was more effective. Within a week of airing the advertisement campaign on radio, the office was inundated with inquiries on IWP and requests for EoI application forms.

Overwhelming interest in sustainable development

There is widespread and genuine concern in most coastal communities on village cleanliness, pollution and sustainable coastal fisheries. What is required basically is technical and financial assistance to mobilise the people, broaden their understanding of the issues and provide the skills and tools required to ensure environment protection and biodiversity conservation.

Inadequate resources and ineffective local level governance mechanisms

Lack of funding and improper planning at the provincial, district and local level is hampering the delivery of basic services to rural communities. The provincial administration is supposed to be assisting Councilors strengthen village institutions, prioritise community concerns and formulate assistance requests for presentation to the National Planning and Finance Departments respectively as well as donor agencies for funding. This is one area that can be highlighted to relevant authorities and rectified through this pilot project.

Pre-occupation with basic services and income generation

It is evident that unless the people are provided basic services such as water supply and long-term means of earning some income, they will not fully participate in community wide environment and biodiversity initiatives. IWP PNG is therefore giving priority to assisting the people with their water supply situation and identifying alternative revenue generation activities.

National level policy considerations

The focal areas for IWP PNG are in order of priority; waste management, protection of freshwater quality and sustainable coastal fisheries. At the national level the main government agencies whose responsibilities relate to these are DEC, DoH and NFA. Discussions have already commenced with these organisations to determine policy changes or developments that will assist in addressing these focal areas particularly in rural PNG. Two areas on which work is likely to commence soon are the formulation of waste management and catchment management policies with the Environment Division of DEC. These policies will be designed under the framework of the 2000 Environment Act.

Discussions are also underway with DEC to determine how the legislative review should be conducted. The aim is to gain as much mileage as possible out of the review by building on what has already been done so far rather than to rework the same ground. The review is likely to commence by early September, 2004.

Monitoring activities

We have not reached this stage yet.

Partnerships/co-financing arrangements

NGOs have been invited to assist with the implementation of the project in the pilot site but so far none has come forward. A similar request has also been lodged with donor agencies to enlist their support. Already a number of them have indicated their willingness to assist in addressing the water supply situation in the village. Every effort will be made during the PPA process and development of the Remedial Action Plan to confirm such partnerships and collaborative arrangements.

In order to reduce dependency on the marine eco-system particularly for local market-based commercial fisheries, other revenue generation activities will have to be encouraged. At the national level, agencies who can make a contribution here, are DAL, NFS, DTI, DCD and DPLLGA. The NFS for instance, has already offered to assist with the establishment of a nursery for sandalwood and training of villagers on its cultivation using an agro-forestry type approach. Sandalwood has been proven to be ideal for growing in the area and is currently fetching excellent monetary returns on the Asian market. DAL has also indicated willingness to assist the people with small-scale poultry and piggery projects.

With respect to research work, IWP PNG is assisting with a UPNG study on traditional marine conservation practices along the Central Province coastline. It is also serving as a point of contact, with the Barakau village pilot project serving as a case study, for a Auckland University Environment Sciences Masters Studies student, Ms. Gwen Maru. She is looking at community based project dynamics in PNG and how such projects can be successfully implemented given past experiences.

Capacity building initiatives

Up to twenty youth members were taken through a training workshop highlighting the importance of the project and the need to collect baseline data and how this information can be gathered through surveys. During the survey their performance was monitored and corrected. Most of the participants considered their involvement as a useful and beneficial contribution to the project.

Other activities

Water supply

The last water supply system for the village broke down almost a decade ago and most of the village people without household tanks have been experiencing a great deal of difficulty obtaining water from wells and creeks especially in the annual seven months dry season. For these people, particularly women and young girls, a lot of time and energy are spent making sure there is sufficient water in the house for drinking, cooking, bathing and laundry. In order to maximize the people's participation in the project, it will be worth providing as much assistance as possible to improve access to a reliable and clean water source. This will be done through a user pays community water supply tank facility and completion of the village's borewater supply system.

Conflicts

Misinformation on the project has led to several arguments between groups and it has been necessary for meetings to be held with persons concerned to clarify matters. In all cases the people have been encouraged to set their differences aside and work together for the common good of the village.

Support for certain critical assets

While IWP's position with respect to acquisition of assets and establishment of infrastructure is well known, it must be prepared to co-finance such expenses if it can be shown that the success of certain remedial initiatives will require these items.

Alternative revenue generation activities

In order to reduce the over harvesting of marine resources for sale, alternative revenue generation activities are and will be encouraged with the involvement of relevant government agencies, NGOs and donors.

Finalisation of post graduate scholarship package with UPNG

A package consisting of one Masters and two Honours Degree scholarships at UPNG will be advertised within the next two weeks. The successful applicants must initially meet the university's entry requirements and present a study programme that will address some aspect of IWP either at the broader national level or within the pilot project site. The studies will commence in early 2005 and terminate before December, 2006.

Consultancies

A local firm, Makena Geno and Associates was engaged to carry out an audit of IWP PNG expenditure and performance in 2003 over a two week period. The audit report was submitted on the 18th of June, 2004 and copies for SPREP as well as UNDP Apia, have been hand delivered to Mr. Andrew Wright.

Dr. Billy Manoka, a lecturer in Resource Economics at UPNG, has been engaged to undertake the Barakau village socio-economic data compilation and evaluation. He is currently working on the data collection phase with the Project Facilitators.

Abbreviations Used

DAL	Department of Agriculture and Livestock
DCD	Department of Community Development
DEC	Department of Environment and Conservation
DoH	Department of Health
DPLLGA	Department of Provincial and Local Level Government Affairs
DTI	Department of Trade and Industry
EoI	Expression of Interest
LPMC	Local Project Management Committee
MEA	Multi-lateral Environmental Agreement
NFA	National Fisheries Authority
NFS	national Forest Service
PPA	Participatory Problem Analysis
TSC	Train-Sea-Coast
TTT	Train-the-Trainer
UPNG	University of Papua New Guinea

Updated Summary Table

June 2003	<ul style="list-style-type: none"> • Received sixty expressions of interest (EoIs) from Central Province coastline villages to host the pilot project. • Evaluated the EoIs. • Attended NCM-3 and MPR-4 in Nuku'alofa, Tonga.
July 2003	<ul style="list-style-type: none"> • Appointed two local resource persons as Pilot Project Facilitators • Together with the Project Facilitators attended the Train the Trainers Melanesian sub-regional workshop on Stakeholder Participation in Port Vila, Vanuatu.
August 2003	<ul style="list-style-type: none"> • Shortlisted five EoIs • NTF endorsed recommendation
September 2003	<ul style="list-style-type: none"> • Shortlisted EoI sites were visited • Site selection report compiled for NTF
October 2003	<ul style="list-style-type: none"> • NTF endorsed Barakau village as pilot project host site • Decision of NTF publicised.
November 2003	<ul style="list-style-type: none"> • Advised Barakau village Councilor of NTF Decision • Established LPMC • Held first LPMC and prepared for pilot project launching
December 2003	<ul style="list-style-type: none"> • Official launching of pilot project • Held community wide awareness meetings
January 2004	<ul style="list-style-type: none"> • Continued with awareness meetings
February 2004	<ul style="list-style-type: none"> • Attended Resource Economics course at USP , Suva • Designed water use survey
March 2004	<ul style="list-style-type: none"> • Trained selected village youth and conducted water use survey and • Erected project signboard and noticeboard
April 2004	<ul style="list-style-type: none"> • Designed waste management survey • Sought assistance from donors to complete village water supply system
May 2004	<ul style="list-style-type: none"> • Carried out reef survey
June 2004	<ul style="list-style-type: none"> • Carried out waste management survey • Designed and trailed Socio-economic survey

Meetings*Non Project sponsored meetings*

Date	Meeting	Report available
2003		
2004		
February	Three weeks TSC Resource Economics course, USP, Suva, Fiji	IWP PNG and PCU
March	Implementation of MEAs in PNG	DEC
March	PNG MarineNet	Minutes available

Project sponsored meetings [includes training sessions, conferences etc.]

Date	Meeting	Report available
2003		
June	NCM-3 and MPR-2, Nuku'alofa, Tonga	IWP PNG and PCU
June to July	Meetings held with all EoI applicants	IWP PNG
July to August	TTT Melanesia, Port Vila, Vanuatu	IWP PNG and PCU
September	NTF Meeting No: 3	IWP PNG
September	NTF Meeting No: 4	IWP PNG
October	NTF Meeting No: 5	IWP PNG
November	LPMC Meeting No: 1	IWP PNG
2004		
February	Training on Survey Techniques – Barakau Village Youth	IWP PNG

Reports

Title	No. of Pages	Location
IWP PNG (2003). A Review of Priority Environmental Concerns.	56	IWP PNG and PCU
IWP PNG (2003). Second Quarterly Narrative Report	2	IWP PNG and PCU
IWP PNG (2003). Third Quarterly Narrative Report	2	IWP PNG and PCU
IWP PNG (2003). Fourth Quarterly Narrative Report	2	IWP PNG and PCU
IWP PNG (2003) Pamphlet on IWP in PNG		
IWP PNG (2004). First Quarterly Narrative Report	2	IWP PNG and PCU
IWP PNG (2004). Second Quarterly Narrative Report	2	IWP PNG and PCU
IWP PNG (2004). Barakau Village Water Use Survey	Writing in progress	
IWP PNG (2004). Barakau Village Waste Management Survey	Writing in progress	