

**GLOBAL ENVIRONMENT FACILITY**

**UNITED NATIONS DEVELOPMENT PROGRAMME**

**SOUTH PACIFIC REGIONAL ENVIRONMENT PROGRAMME**

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

**THIRD MULTIPARTITE REVIEW (MPR-3)**

**5-9 July, 2004**

**[Apia, Samoa]**

**Fourth National Coordinator's Meeting (NCM-4)**

**5-7 July 2004**

**[Kiribati]**

**NARRATIVE REPORT**

## **Summary of key outputs (June 2003 to June 2004)**

- PEC report under publishing process
- Baseline study completed and report under publishing process
- National PLA workshop conducted
- Web site established
- PPA workshops completed and report yet to be distributed
- Scholarship recipient selected

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

To identify and address root causes of wastes, potential pollutants to fresh and marine water quality. The work program anticipated for the period include; engagement of pilot host community, baseline and waste stream analysis survey, training PPA facilitators, PPA workshops with the host community, planning of IWPK scholarship, establishment of website and capacity building in the lead agency and other Government agencies.

## **Work Program Outputs and Support Activities for June 2003 – June 2004**

Several activities have been carried out to support the above work programs including, communications strategy planning, recruitment of consultants, preparation and conduction of national PLA workshop, PPA workshops with host community, selection of IWPK scholarship recipient and adhoc capacity building trainings.

## **Specific activities and achievements 2003/2004**

### *Communications*

#### Website Established

The website address is [www.tskl.net.ki](http://www.tskl.net.ki). The contents include (or intended to include);

- IWP-K objectives and programs,
- PEC report, Baseline Survey and Waste Analysis of the host community,
- Staff,
- Committees,
- Major Events,
- National PLA workshop and
- Community PPA workshops

This will be updated every month.

#### Radio programs

- Two radio programs produced for initial awareness on IWPK objectives and plans for the next 3 years –
- One radio program produced on feedback on baseline survey and waste stream analysis results
- Radio spot – awareness raising to host community about the PPA workshops that are to be conducted in their village with religious or church groups

- Five days continuous radio announcement inviting interested applicants for IWP scholarship

#### Banners

- Hoisted at both ends of the host community area announcing the PPA workshop in motion

#### Billboard

- Two billboards hoisted at both ends of the host community to raise awareness about the IWP-K pilot site, its objectives and agencies involved in the project initialization and to demarcate the Project pilot area.

#### Publications:

- Two newsletters (November 2003 and June 2004) produced and distributed to all government agencies, church and religious leaders of the host community, and all IWP-K stakeholders
- Summary of Baseline Survey Report translated and distributed to all host community households
- Announcements of IWP scholarship and the PPA workshops

#### Meetings

- Six NTF meetings
- Two community church or religious leaders meetings – update on IWP-K activities and plans
- Six initial awareness consultations with six different religious or church groups with host community

#### PPA workshops

- Five PPA workshops with five different religious/church groups

#### Resources used:

- Resources used are both the government and one private press Medias.
- Public Relations Personnel and Pollution Officer from Environment assisted the Project staff with the radio programs and the initial consultations with the host community

#### Results achieved:

- Scholarship applications increased from one (last year) to four
- Increased awareness of the project existence its objectives, activities, future plans and how the host community will be involved and their potential benefits from the project activities.
- Increased awareness particularly at the pilot site about waste and it's adverse consequences to natural resources such as marine, terrestrial, and fresh water resources; the risks it poses to people, and its entanglement in the urban flux.
- Increased expectations of the host community on the Project to assist with the chronic waste (both liquid and solid) problems.

#### *Stakeholder analysis and participation*

Stakeholder analysis for the project was long been developed in the early years of the Project and updated about every quarter. The host community was initially developed by the NC and elaborated during the National PLA workshop and again during the Community PPA workshops.

## *Root cause analysis/PPA*

### Root Cause Analysis with host community

The PPA workshops commenced with the host community on the 22 May to 23 June using the stakeholders analysis prepared for the host community. Out of 8 different religious or church groups that were approached, 5 groups {including, a Bahai group, 2 groups from KPC, a Catholic group (3 subgroups visited during the initial awareness joined together), and a Mormon group} willingly took part in the PPA workshops. The PPA workshops were conducted separately to each religious or church group which normally last for 3 days with hours ranging from 12 – 15. A total of about 5% of the host community participated in the PPA workshops. 10 facilitators, (graduates from the National PLA workshop organized by IWP-K in liaison with PCU and Partners for Community Development Fiji) in groups varying between three to five assisted to conduct PPA workshops using PLA tools. The logistics of the workshops is as follows; Problem Identification, Root Cause Analysis, Stakeholder Problem Analysis, Solution Identification, Stakeholder Solution Analysis, and Solution Feasibility Analysis. Each PPA findings were again synthesized, problems, and root causes validated and solutions assessed in relation to their likely success at the community and national level. All of these findings will be taken back to the community for feedback prior to Mini Project Management Planning.

### Resources used include:

- facilitators trained in the National PLA workshop organized by IWP-K in April
- Baseline Survey and Waste Stream Analysis Report produced in March by IWP-K
- Stakeholder Analysis developed in the early phase of the project, from the Baseline Survey early in the year and during the national PLA workshop.

### Results:

The problems identified as consequences of waste by the community include;

- Depletion of Terrestrial Resources
- Depletion of Marine Resources,
- Degrading Aesthetic Nature of Our Islands,
- Degrading Fresh Water Resources,
- Poor Fresh Water Quality, and
- Increased Health Risk from Waste.

Root causes to these problems identified are mainly due to;

- Dawdling human behavioral changes to accommodate rapid developmental influx. Some common examples indicated in the findings are; weak enforcement of legislations or byelaws against waste, poor systems in place (i.e. waste collection), lack of legislation on differing aspects of wastes, scanty institutional support or poor community capacity building on waste management.

Scores of negative behaviors or social problems such as, *‘people unconcerned of the adverse effects to marine resources from dumping waste at sea or people unconcerned about water sealed toilets consequences, or fishers greed for fish during easy catch i.e. spawning seasons,* were frequently expressed and appear to be increasingly common.

In terms of social and economic development, it appears that most people are anxious for an economic and social uplift yet their core activities ironically focus heavily on fundraising purposely for supporting church administrative operations and less for their own economic well being, or correcting collective social behaviours. On the other hand, minor church groups appear to be more accommodative to the need or importance of correcting social behaviours through their church or religious groups such as IWP-K initiatives and took the lead in implementing some corrective measures they identified to be the best solutions to waste problems. Such examples are, *cleaning lessons* to be incorporated in the preschool curriculum or activities by the Bahai's and inclusion of indiscriminating toileting problems in Ward Council Meetings with the Mormons. However, how effective these church or religious initiatives would be, need to be evaluated and assessed as any other implemented activities in the near future.

#### Root Cause Analysis with national stakeholders

Root cause analysis has not been undertaken with national level stakeholders however the waste root cause findings from the community PPA workshops identified to be a national issue rather than the community such as *weak byelaws on collective wastes or absence of legislations on wastes* will be taken up at national levels for validating and possible steps for counteractive measures.

#### *Baseline work*

A local socio economic expert was identified and recruited to conduct the baseline study at the pilot site. The entire population of the host community was involved in the socio-economic survey. Both quantitative and qualitative survey methodology was undertaken for information gathering. Data obtained were from consultations and interviews with community stakeholders, from household questionnaires and participatory observation during the survey. A sample of twenty households was randomly selected for the purposes of conducting a waste stream analysis of the area. Resources used include competent staff from Community Development & Sustainable Project, Environment & Conservation Division from Betio Women's group who helped to do the survey. FSPK Waste GIS expert assisted with waste stream analysis. Government ministries and agencies such as the Ministry of Health and Medical Services, the Lands and Survey Division, the Ministry of Education, Youth and Sport, the Teinainano Urban Council and the Public Utilities Board were consulted and provided relevant information for the baseline survey. The report on the Baseline and Preliminary Socio-Economic Baseline Survey and Waste Stream Analysis for Bikenibeu West on South Tarawa was produced and sent to PCU for editing and publication. The report was also summarized, translated to I-Kiribati and translated copies distributed to every household and offices within the host community area. The whole document is currently translated to the local language.

Socio-economic baseline work has not been arranged for the national level.

#### *Economic assessments*

It is anticipated that economic assessments from the host community PPA findings will be carried out in the third quarter and to involve the PDT including the Kiribati

participant attended the Socio -Economics course organized by PCU in Fiji in February 2004.

### *Action/management plans*

Formulation of management plans or action plans by PDT in consultation with host community and interested NGO bodies or government agencies are anticipated to be carried out in July to August after all PPA workshop findings synthesizing process completed

### *Lessons learned*

#### Community Level:

- PLA and PPA
  - Groups involved in the initial awareness consultations with the project appear to be more interested than those not involved as indicated by the show up number between groups never visited before and those who have during the PPA workshops. The highest shows up number during the PPA workshops are the Bahai's and Atakibe – KPC group. The lowest shows up number are the Mormon and the Ununiki group.
  - One of the main barriers to merge in with the church groups such as KPC and Catholics is their fundraising activities which are priority over any other particularly external activities i.e. IWP-K PPA workshops.
  - Understanding or knowing PLA tools is a separate field from facilitating. To be an effective PLA facilitator, one has to be properly trained both on facilitation skills and the use of PLA tools, not just or more on the PLA tools.
  - PPA workshops are very brain draining to the community and therefore they need to be kept alive and fun.
  - Dwelling long on issue/s of the exercise also easily tire out (adult) participants.
- Communications strategy
  - Public announcements are not enough to effectively engage or task host community for certain outputs required by the project. The host community leaders need to be visited or conversed with on the phone before positive responses are expected.
- Host Community
  - The minor religious or church groups such as Bahai, or Mormon are accommodative within their religious or church structural organization to the Project's waste initiatives.

#### National level:

- Meetings
  - Pre-briefing to the National Task Force Chair is essential to achieve objectives of the meetings.
- Lead Agency
  - Pre-briefing and correspondences to the GEF focal point or Permanent Secretary should always be done on hard copy for official processing and timely responses.
- Local Consultancies

- Compared to young local consultants, retired local consultants tend to be slow and need to be constantly followed-up to hasten the developments.

*Monitoring activities to be developed:*

- Water Quality testing by Health Inspectors at the pilot project area
- Comparisons of vegetation mapping at beginning and end of the project phase in the pilot area by Agriculture GIS. Presently, the total land area of the host community is 37 hectares. Using the 1998 images, palm vegetation coverage is about 10.1 hectare (100965.61 meter squared), other vegetation is about 9.4 hectares (94149.55 meter squared).
- A Local Community Committee to assist in the planning, design and implementation of the projects and the pilot area.

*Partnerships arrangements*

Financial Management Training:

This is a co-financing arrangement between five Environment & Conservation Division Projects (ECD) namely; IWP-K, National Biodiversity (NBSAP), National Biosafety Framework (NBF), Persistent Organic Pollutants (POPs) and the National Adaptation Program of Actions (NAPA) project. Through this co financial sharing arrangement, IWP-K including all of the involved projects were able to cut training costs up to 80%. Other benefits gained include training on the use of MYOB, installing of the MYOB software plus specific training on Basic Accounting Systems, Internal Control, Budget Monitoring, and assistance on technical financial matters identified as crucial by individual participants not only to the projects themselves but also to the Ministry of Environment, Lands and Agriculture main accounting section .

Review of Environment Legislation:

This is also a co-financing arrangement between the five ECD projects; IWP-K, Biodiversity (NBSAP), Biosafety (NBF), Persistent Organic Pollutants (POPs) and the National Adaptation Program of Actions (NAPA). All of these projects have agreed that one or two consultants will be identified to review and draft the Environmental Act.

Rubbish GIS (Kaoki Mange) Project (FSPK):

The Rubbish GIS expert is a PDT member (and supposedly) to assist the National Coordinator and host community in the planning, design, implementation and monitoring of the pilot project. In addition to this partnership arrangement, the Rubbish GIS is on the NC's distribution list to keep the Rubbish GIS project informed of the project other initiatives and developments.

One of the loca staff attended the PCU sponsored training in Socio-Marketing and the other staff is a PPA Facilitator Team member.

Health Inspector Section of the Ministry of Health and Medical Services:

One of the Senior Health Inspectors sits on the National Task Force and assists in the administrative planning of the project, a PPA Facilitator team member and also responsible for the monitoring of waster quality at the pilot project area.

Agriculture GIS:

The Agriculture GIS section assists the project with the GIS Vegetation Mapping of the host community. They are also the PPA Facilitators team members.

Tarawa Urban Council (TUC):

This is a major stakeholder to IWP-K. Bikenibeu West or the host community is one of TUC ward areas and also responsible for collecting rubbish in the area. In addition, one of TUC staff is also a PPA Facilitator team member.

Community Development and Sustainable Project:

This is an ADB project and deals particularly with awareness raising on the issues relating to waste and water sanitation. They are members of the National Task Force and the PPA Facilitation team. Both projects have been working closely particularly on waste and water issues and co-shared responsibilities during the International Waters Day. CDSP was a major sponsor while the Project provided and delivered a speech on the National Theme which was, "Shortage of Water is a Disaster". The statement is kept in the National Office, and PCU.

AMAK (NGO for women):

AMAK also sits on the National Task Force and one of its staff (co-shared with Rubbish GIS) is also a member of the PPA Facilitation team.

Environment and Conservation Division:

This is a leading agency for IWP –K and both benefit from each other's support and resource sharing for the smooth running of both the Project and the Division programs.

Community groups of the Pilot Area:

The Project has been able to secure partnerships with the five community groups namely, Bahai, Kaibangaki – Catholic group, Ununiki and Atakibe – KPC groups and the Mormons. The communities are responsible to assist in the community reduction campaign jointly designed by themselves and the Project. The Project in return will give support both at the community and national level to improve the likelihood success of the community projects.

*Capacity building initiatives*

Involving Project Resources:

- 5 PPA workshops with different religious groups at the host community
- One and a half days on Evaluation of first two PPA workshops and Quick Fix on Facilitation skills to PPA facilitators.
- PLA training to representatives from organizations with immediate responsibilities to waste such as TUC, Health, Environment, Agriculture and FSPK, organized mainly by PCU, in conjunction with PCDF.
- Ms Danfung Binoka has been selected as a recipient for the IWP-K scholarship to do a Masters Degree on a Environment related course and to start in 2005. Her project will focus on "The role of women in waste and waste sustainability in an atoll environment".

Arranged by others but which had an impact on the Project

- 7 days training on Financial Management and MYOB Accounting Plus (software) training arranged by other projects, financially co shared with the IWP-K and considered very beneficial for improved budgeting control and management for IWP-K.
- Mr Betarim Rimon formerly the Senior Economist from the (Ministry of Fisheries and Mineral Resources Development but currently has shifted to the Lead Agency Ministry) attended the Economics course conducted by PCU in February at the USP, Fiji
- Mr Uarai Koneteti, from FSPK Recycling Project local staff attended the Socio-Marketing Course in March, by PCU 2004 in Fiji.

*Challenges/Issues:*

PPA Workshops

- The formation of the PPA facilitators group during the National PLA workshop by the PCDF consultants worked against the Project, particularly in terms of budgeting. All of the PLA workshop graduates were hired to do the community PPA workshops and because most are inexperienced particularly in facilitation, there were more facilitators hired than need to be.

Budget

- The present activities i.e. communications strategy, are absent in the present budget line yet the project has been quite active in this area. Proper backstopping or consultations for corrective measures and assistance on budgeting planning and or reallocations is very much required. As the NC is new and the Project Assistant is not quite familiar with the budget guidelines, assistance was requested early in the year but overtaken with other urgent project events.

Engagement of the host community

- As indicated from the PPA workshops show-up figure, only 5% of the host community participated in the PPA workshops. The project is posed with a challenge to improve the host community participation in the near future activities particularly the Management Planning and the Implementation of the Mini Pilot Projects.
- The PPA workshop undertakings were expensive than anticipated due to fragmented social structure of the community. The project is challenged to find a cheaper or easier approach/s to unite the pilot community with the IWP-K activities in the next 2 or so years.

PDT

- The project has not convened a PDT meeting as yet. Hopefully the NC's concerns and doubts can be further shared with other NCs during the NCM 2004.

Project Label

- The Project like all other projects in the Ministry is labeled "a project" in other words, "an outsider" to the rest of the ministry and division and it is not quite uncommon for the Project to be left out on a National consultation that the Project could benefit from it particularly those related to waste management. The Project is posed with a challenge to pull down this label and merge well with the ministry in order to get more benefits to the Project particularly at a National Level on Waste related matters i.e. Beautification Committee.

## Appendix A

### Updated Summary Table

June 2003	<ul style="list-style-type: none"> <li>• Key activities, outputs and reports –</li> <li>• NC and Deputy Director, ECD attend NCM3/MPR-2 meeting in Nukualofa, Tonga</li> <li>• NTF meeting No. 4</li> </ul>
July 2003	<ul style="list-style-type: none"> <li>• MTE No 3 and NCM No 4 in Tonga</li> </ul>
August 2003	<ul style="list-style-type: none"> <li>• First Community meeting with the group leaders of Kaibangaki</li> <li>• Banana circle concept introduced to a subgroup of Kaibangaki (Karemrem) by IWPK expert from FSPK</li> <li>•</li> </ul>
September 2003	<ul style="list-style-type: none"> <li>•</li> </ul>
October 2003	<ul style="list-style-type: none"> <li>• NTF meeting No. 5</li> <li>• NC resigned</li> <li>• Community recycling initiative for South Tarawa report from consultant submitted to NTF for endorsement</li> </ul>
November 2003	<ul style="list-style-type: none"> <li>• New NC recruited</li> <li>• Backstopping NC and Assistant by PCU Project Manager and Accountant</li> <li>• IWP scholarship due date extended</li> <li>• IWPK Newsletter 1 distributed</li> <li>• NTF meeting No. 6</li> </ul>
December 2003	<ul style="list-style-type: none"> <li>• 2 radio programs broadcasted – awareness raising about IWPK initiatives</li> <li>• Pilot project area extended and name changed from Kaibangaki to Ununiki community</li> <li>• First meeting with religious leaders of Ununiki community</li> <li>• Accounts Jan – October 2003 audited</li> <li>• NTF meeting No. 7</li> </ul>
January 2004	<ul style="list-style-type: none"> <li>• NTF meeting No.8</li> <li>• Local consultant hired for social and economic baseline study</li> <li>• NC on maternity leave</li> <li>• Community meetings in small groups of church sects started</li> </ul>
February 2004	<ul style="list-style-type: none"> <li>• Community meetings in small groups continued</li> <li>• Accounts last qtr 203 continued</li> </ul>
March 2004	<ul style="list-style-type: none"> <li>• NC resumed duty</li> <li>• Continue auditing last qtr 2003</li> <li>• Project transport purchased</li> <li>• Social &amp; economic baseline study submitted to NC and PCU</li> <li>• NTF meeting No. 9</li> <li>• Project vehicle purchased</li> </ul>
April 2004	<ul style="list-style-type: none"> <li>• National PLA workshop</li> </ul>
May 2004	<ul style="list-style-type: none"> <li>• Baseline summarized translated and distributed to all</li> </ul>

	<p>households at the host community area</p> <ul style="list-style-type: none"> <li>• Community PPA workshop commenced</li> </ul>
June 2004	<ul style="list-style-type: none"> <li>• Audit's Management report for 2003 received and sent to PCU</li> <li>• Evaluation of first two PPA workshops</li> <li>• Quick fix to PPA Facilitators on facilitation skills</li> <li>• Community PPA workshops completed</li> <li>• Identification of PDT members</li> <li>• 2<sup>nd</sup> quarter disbursement received</li> <li>• Website construction commenced</li> <li>• Translation of baseline report commenced</li> <li>• Scholarship recipient selected for Masters training</li> </ul>

## Appendix B

### Meetings

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

<b>Date</b>	<b>Meeting</b>	<b>Report available</b>
<i>2004</i>		
February	Socio-Economics Training	At National Office and PCU
March	Socio-Marketing Training	At National Office and PCU
22 March	International Waters Day – NC delivered speech on the National Theme, “Water Shortage is a Disaster”	At the National Office and PCU
7 April	First Consultation (Workshop) for a national review of the Barbados Programme of Action +10	At the National Office and Environment & Conservation Division – Kiribati

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

<b>Date</b>	<b>Meeting</b>	<b>Report available?</b>
<i>2003</i>		
13 <sup>th</sup> June	National Task Force No. 4	Yes - National Office and PCU
2 <sup>nd</sup> October	National Task Force No. 5	Yes – National Office and PCU
13 <sup>th</sup> November	National Task Force No. 6	Yes – National Office and PCU
4 <sup>th</sup> December	National Task Force No.7	Yes – National Office and PCU
<i>2004</i>		
January	National task Force No. 8	Yes – National Office
1 <sup>st</sup> February	Initial awareness on IWP-K existence, objectives and plans to community commenced with Catholic subgroup	Yes – National Office and PCU
8 <sup>th</sup> February	Initial awareness consultation with Baha’i group	Yes – National Office and PCU
15 February	Initial awareness consultation with Matangare – Catholic subgroup	Yes – National Office and PCU
27 <sup>th</sup> March	Initial awareness consultation with Atakibe, KPC subgroup	Yes – National Office and PCU
	9 <sup>th</sup> National Task Force meeting	
3 <sup>rd</sup> April	Initial awareness consultation with Kekeiaki, Catholic subgroup	Yes – National Office and PCU
21 <sup>st</sup> April	National PLA workshop conducted	
10 May	PPA Facilitators Meeting No. 1	Yes – National Office
15 May	Church/Religious Leaders from Host Community meeting – No. 2	Yes – National Office and PCU

17 May	PPA Facilitators Meeting No. 2	Yes – National Office and PCU
21 May	First PPA workshop commenced with Kaibangaki, Catholic group	
22 May	PPA workshop commenced with Bahai group	
2 <sup>nd</sup> June	PPA Evaluation and Quick fix on facilitation skills	Yes – National Office
5 <sup>th</sup> June	PPA workshop with Atakibe, KPC group	
11 <sup>th</sup> June	PPA workshop with Ununiki, KPC group	
23 <sup>rd</sup> June	Last PPA workshop with Mormon group	

## Appendix C

### Reports

- Kiribati-IWP (2002). A review of priority environmental concerns. 53 pages. Location: Kiribati IWP Office and PCU
- Kiribati-IWP (2004). Preliminary Socio-Economic Baseline Survey and Waste Stream Analysis for Bikenibeu West. 82 pages. Location: Kiribati IWP Office, Kiribati IWP website, and PCU
- Kiribati-IWP (2004). Summary of Socio-Economic Baseline Survey and Waste Stream Analysis for Bikenibeu West. 5 pages. Location: Kiribati IWP Office, Kiribati IWP website
- Kiribati-IWP (2003) Stakeholder Analysis for IWP Pilot Project, 3 pages. Location: Kiribati IWP Office
- Minutes from NTF meetings. Location: Kiribati IWP Office and PCU