

KIRIBATI ADAPTATION PROGRAM (PHASE II)

AWARENESS RAISING AND CONSULTATION REPORT

(KAP II Component 1.2.2.& 1.2.3 IC4 & IC5)

FOR 19TH DECEMBER 2007 – 16TH OCTOBER, 2008

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Many people are affected by the impacts of climate change and sea level rise. Sea wall is constructed for protection by one community in Marakei. Photo by Dr Christine Hogan, 2008.

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EXECUTIVE SUMMARY

This report describes progress made in designing series of participatory events to disseminate Climate Change (CC) Climate Change Adaptation (CCA) and Sea Level Rise (SLR) messages.

Those included:

- The nature of CC in general
- Likely implications for various areas of Kiribati
- Available information for specific islands
- Kinds of strategies that can be implemented to adapt to those implications.

This report is matched against the National Consultant's Terms of Reference in KAP 11 ***Component 1.2.2 & 1.2.3 on Participatory Events and Media Strategies for CCA Information and Awareness.***

The objective of this assignment was to design a multi-faceted media strategy for utilizing a range of CCA-based participatory events, media productions and releases, dramatic presentations, newsletters and related mechanisms for information and dissemination and awareness raising.

The first part of this report describes numerous workshops that have been carried out with outer island communities at Tamana, North Tarawa, Makin, Butaritari, Maiana and Marakei where different communication strategies are described with illustrations in this report.

As the islands are so widely scattered, various practical media methods such as conveying messages by radio news, program production, posters, songs and short dramas.

The second part of the report describes activities carried out in South Tarawa on radio events and other media-related activities for promotional campaigns for KAP II.

ABBREVIATIONS

MELAD	Ministry of Environment, Lands & Agriculture Development
MISA	Ministry of Internal & Social Affairs
MFMRD	Ministry of Fisheries & Marine Resources Development
MPWU	Ministry of Public Works & Utilities

INTRODUCTION

Kiribati is one of the most vulnerable countries in the world to the effects of climate change and sea level rise. Most of the land in urban Tarawa is less than 3 meters above; the island has an average width of only 450 meters, rendering retreat adaptation options untenable. The situation is typical of most islands in the country. The islands are exposed to periodic storm surges and droughts, particularly during La Nina years, although they lie outside the cyclone path. Already, Kiribati is becoming increasingly vulnerable to climate events due to its high population concentration, accelerated coastal development, shoreline erosion, and rising environmental degradation. By 2050, if no adaptation measures are undertaken, Kiribati could face economic damages due to climate change and sea level rise of US\$8-\$16 million a year, equivalent to 17-34 percent of its 1998 GDP.

To address these risks, the Government of Kiribati is undertaking an Adaptation Program, supported by the World Bank, the Global Environment Facility, AusAID and NZAID. The key goal is to reduce Kiribati's vulnerability to climate change, climate variability and sea level rise. The Kiribati Adaptation Program (KAP) is planned to be implemented in three phases:

- **Phase 1: Preparation** (2003 – 2005, completed). This phase began the process of mainstreaming adaptation into national economic planning and identified priority pilot investments for Phase II. It also involved an extensive process of national consultation. The project was closely linked with the preparation of the 2004-07 National Development Strategy and Ministry Operational Plans.
- **Phase II: Pilot Implementation** (2006 -2009). This current phase is the focus of this TOR. Its objective is to implement pilot adaptation measures, and consolidate the mainstreaming of adaptation into national economic planning.
- **Phase III: Expansion** (2009-2015). This phase would gradually scale up the investments piloted under Phase II to cover all major islands and vulnerable sectors of Kiribati.

The key objective of the current Pilot Implementation Phase, KAP II, is to develop and -demonstrate the systematic diagnosis of climate-related problems and the design of cost-effective adaptation measures, while continuing the integration of climate risk awareness and responsiveness into economic and operational planning. Lessons learned from KAP II would be used to plan the long-term national response to climate change envisaged for 2009/10 onwards.

1. CCA WORKSHOPS ON OUTER ISLANDS

Goals

The goals of the workshops were to:

- Build awareness of impact of climate change.
- Change the behaviour.
- To gain feedback on what islanders have learned and understood.
- To check that terms “CC, CCA & SLR” are used consistently by different government departments and if NOT, to explain to them.
- To check any ideas/words that the villagers have misunderstood.

Key messages: Sea level effects on Kiribati.

- **Sea** – high sea level will rise and flooding more possible.
- **Drinking water** – fresh water affected by intrusion of salt water into the underground water lens thus turning brackish. As a result of this drinking water will be of poor quality. Additionally, dangers of overwash during storms which will make uncovered wells salty.
- **Food** – Staple foods such as giant taro, breadfruits, coconut trees, pandanus fruits including other vegetations will be affected and destroyed by high sea level through flooding, and intrusion.
- **Land** – There has been erosion in some places, and houses on berms have been relocated to safer ground.

CC Adaptation – behavioral change

- Communities are informed and taught ways to adapt or change from their former ways of life to mitigate the impacts of CC and SLR.

2. OUTER ISLAND WORKSHOPS

Figure 1 Summary of islands visited for consultation workshops.

Islands	Dates	No., of participants	VIP/GoK employee	Consultation team
1.Tamana	28.02-06.03.08	40	Chief Councilor (CC), Island Community Worker (ICW) and Island Project Officer	<i>KAP team</i> Dr Temakei Tebano Ms Rosalind Kiata <i>MELAD</i> Mr Riibeta Abeta

Islands	Dates	No., of participants	VIP/GoK employee	Consultation team
2. North Tarawa	10.05 - 17.05.08	130	CC, IPO and Social Welfare (SWO).	<i>KAP team</i> Dr Temakei Tebano Ms Rosalind Kiata Mr Temariti Maungatabu (Video Shooting)
3. Makin	22.07 – 29.07.08	60	CC, IPO, SWO and ICW	<i>KAP team</i> Dr Temakei Tebano Ms Rosalind Kiata <i>MISA</i> Ms Erimeta Barako <i>MPWU</i> Mr Ereata Kakau <i>MFMRD</i> Ms Titeem Auatabu
4. Butaritari	29.07 – 05.08.08	85	CC and IPO	Same team as above (No.3)
5. Maiana	31.08 – 01.09.08	80	CC, IPO, ICW and SWO	<i>KAP team</i> Dr Temakei Tebano Ms Rosalind Kiata <i>MFMRD</i> Mr Tion Uriam <i>MPWU</i> Onikannara
6. Marakei	28.09 – 05.10.08	80	CC, IPO & SWO	<i>KAP team</i> Dr Temakei Tebano Dr Christine Hogan Ms Rosalind Kiata <i>MISA</i> Mrs Marion Namina (Cultural translator for Dr Hogan Ms Erimeta Barako <i>MFMRD</i> Mr Tion Uriam <i>MWPU</i> Mr Martin Mataio (Water Engineer) Mr Tieraata Metio (Civil Engineer)

Islands	Dates	No., of participants	VIP/GoK employee	Consultation team
				<i>MELAD</i> Mrs Makin Binataake

On each island visited, media approaches identified as appropriate for awareness raising in Kiribati were discussed and applied during practical sessions described in working groups below.

Process

Participants were divided into 5 groups.

Group 1 Radio Group

Using radio to send news about CC, CCA, and SLR experienced on their islands.

The group compiled 2 news articles for news items, a 5-minutes radio program and commercial advertisements for sponsorships.

Group 2 Singing Group

The group composed a 3-minutes song on topics such as safe drinking water, coastal erosion and how to adapt to the problem. CC-related diseases were also covered.

The group brought their own guitars and ukuleles to liven up their songs.

Group 3 Posters Group

The group designed three kinds of posters on adaptation messages on topics below.

- a) Causes of *coastal erosion and ways of adaptations.*
- b) *Marine resources management.*
- c) *Safe drinking water* – storage of freshwater availability and increasing demands of water.

Group 4 Drama Group

The first group dramatized problems on issues related to *CC-health related diseases*, causes of the diseases and preventive measures for health protection.

Other issues dramatized were causes of *coastal erosion and drinking water.*

Group 5 Drama Group

Participants performed adaptation measures to the issues above (1st drama group).

Processes

A variety of processes were used by participants to raise awareness on CC, CCA and SLR.

Figure 2 Timetable of workshops

Day 1		Day 2
<i>AM</i> – Presentations by different ministries, DVD watching, listening & questions, field trip visiting	<i>AM</i> - Group work	

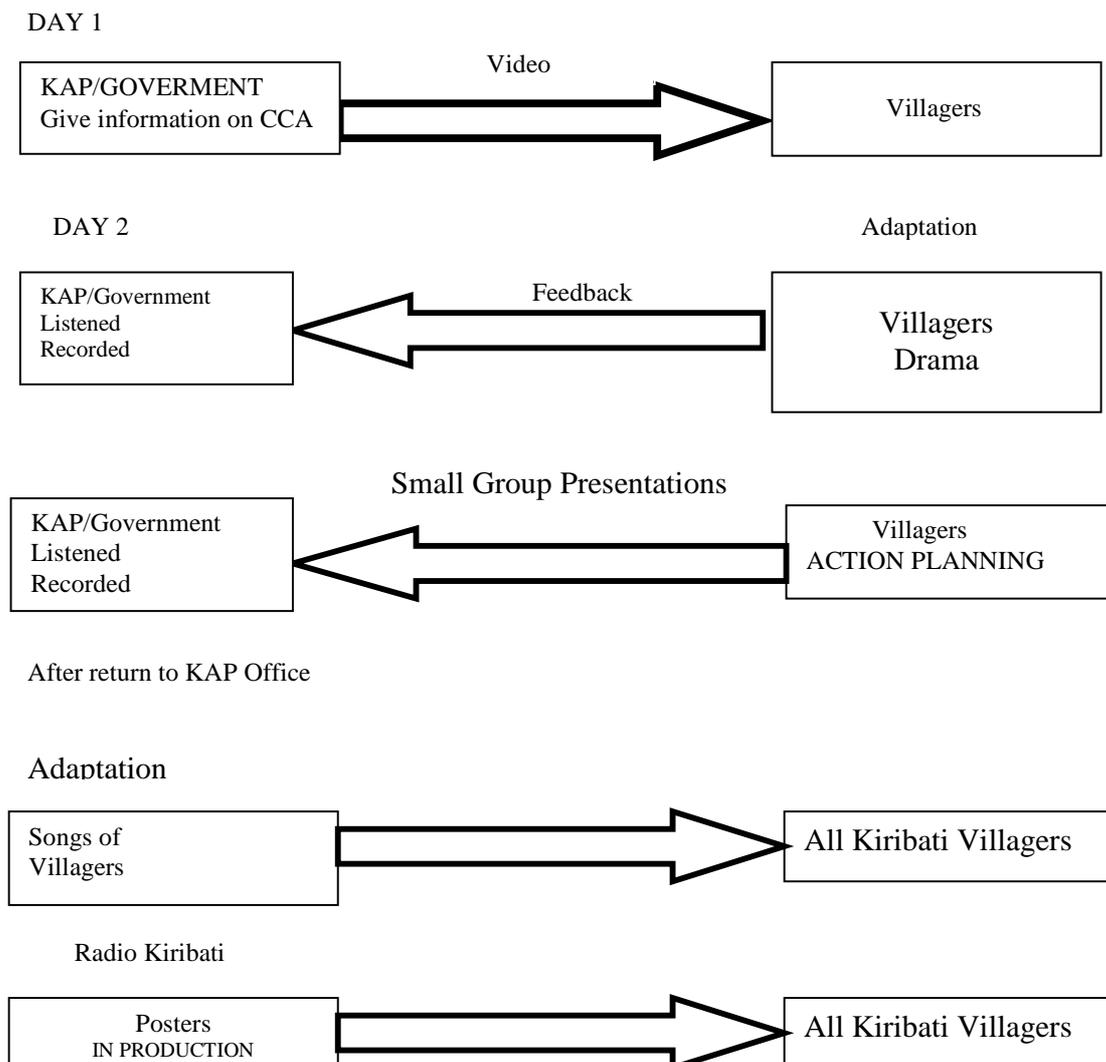
affected areas.	
PM – Discussion on awareness raising, and grouping participants into 5 groups.	PM - Group Presentation Wrap up of workshop & consultation

Goals of Day 2 Media presentations and small group work

- To gain feedback on what islanders learned and understand.
- To check that terms “CC, CCA & SLR” are used consistently used by different government departments and if NOT, to explain to them.
- To check any ideas/ words that the villagers have misunderstood.

A small group work was used on Day 2 to maximize participation of all villagers.

Figure 3 Summary of 2 way of flow of information between villages & KAP/GoK staff.



Day 1 Afternoon

A video was made of a drama on adaptation performed by the Climate Change Action Group (CCAG) of Teoraereke Parish. This video was shown on each island to illustrate the way drama may be used to convey a message.

Day 2 Feedback from villagers

The villagers were divided into small groups to produce drama, posters, songs, and radio news articles on effects of CC, CCA and SLR and mitigation process.

3. MEDIA ACTIVITIES IN SOUTH TARAWA

Media activities below are carried out in South Tarawa.

Drama and video production

A videoed 40-minutes drama designed on causes, effects and adaptation measures of CC, CCA, CCA- related diseases and SLR was performed by the CCAG of the Catholic Youth of Teoraereke.

Some of the actors were representing Kiribati at the CC Bali Conference at the beginning of the year.

Flyers

Over 2,000 flyers have been disseminated to outer islands within the Kiribati Group, including government ministries, businesses and corporations in South Tarawa.

See table below for records of dissemination.

Figure 4 Dissemination table.

<u>Who</u>	<u>English</u>	<u>I- Kiribati</u>	<u>Total</u>
Australian High Commission	✓	30	
New Zealand High Commission	✓	30	
Taiwan Embassy	✓	30	
Cuban Embassy	✓	30	
Eutan Tarawa Island Council		50	
Immaculate Heart College, North Tarawa	✓	100	
JSS, North Tarawa	✓	50	
KANGO		20	
KPHA		20	
BFA		60	
MELAD	✓	20	
MNRD	✓	20	
UNICEF		30	
MISA		30	

<u>Who</u>	<u>English</u>	<u>I- Kiribati</u>	<u>Total</u>
Ana Aobiti te Beretitenti		30	
Ministry of Labour		30	
Ministry of Commerce		30	
Ministry of Finance		20	
Meteorology		20	
Customs		20	
Airport		50	
Ministry of Works & Energy		30	
Ministry of Communications		30	
Telecom		20	
Ministry of Health		30	
“ “ Betio		30	
High Court		20	
Bank of Kiribati		30	
“ Betio		30	
KGV & EBS		30	
JSS TUC		30	
JSS Teoraereke		30	
JSS Betio		30	
BPA		10	
Birth, Death & Marriage		20	
KPC Antebuka		10	
Catholic Headquarters, Teoraereke		10	
SDA, Korobu		10	
Moroni High School		50	
William Coward		50	
St. Louis High School		50	
Police Headquarters		20	
Bairiki		10	
Bikenibeu		10	
Bonriki		10	
MTC		20	
FTC		20	
KTC		30	
Otintaai Hotel		50	
Mary's Motel		50	
Fema Lodge		20	
Lagoon Breeze		20	
Sweet Coconut Motel		30	
Nanotasi		30	
Inanoi		30	
MOEL		30	
Makin			50

<u>Who</u>	<u>English</u>	<u>I- Kiribati</u>	<u>Total</u>
Kiribati Institute of Technology		50	50
Butaritari			50
Marakei			50
Abaiang			50
Maiana			50
Kuria			50
Aranuka			50
Abemama			50
Nonouti			50
TabNorth			50
TabSouth			50
Onotoa			50
Beru			50
Nikunau			50
Tamana			50
Arorae			50
		1600	850
Grand total	2,450.		

Designing of the flyer was carried out in February, printed in mid April, and its dissemination in South Tarawa and outer islands was completed at the end of April.

Dissemination of the flyer did not include the Phoenix and Line Islands.

Appended below is the draft of the flyer without photographs.

Appendix 1 Flyer

KIRIBATI ADAPTATION PROJECT PHASE II

The Kiribati Adaptation Project (KAP II) comes under the sighting role of the Office of Te Beretitenti and is working alongside Government Ministries and NGOs to manage programs that enable the people to adapt to current and future impacts of climate change and sea level rise in the Republic of Kiribati.

Project's aims goals and components

The Government of Kiribati Climate Change Adaptation Strategy aims to implement the Government's policy on adaptation to climate change which states that:

- Kiribati should be mentally, physically and financially well prepared to deal with whatever climate trends and events the future may hold;

- This should be achieved through a co-ordinated, participation-based adaptation programme carried out by official and private agencies.
- External financial assistance should be obtained to meet the costs of the national adaptation programme.

Goal of the Project

The key goal is to reduce Kiribati's vulnerability to climate change, climate variability and sea level rise and support the Government's CCA strategy.

KAP is being implemented in three phases:

- **Phase I:**
- **Preparation** (2003-2005, completed). This phase began the process of mainstreaming adaptation into national economic planning and identified priority pilot investments for Phase II. It also involved an extensive process of national consultation. The project was closely linked with the preparation of the 2004-07 National Development Strategy and Ministry Operational Plans.
- **Phase 2:**
- **Pilot Implementation** (2006-2009). This current phase is the focus of this TOR. Its objective is to implement pilot adaptation measures, and consolidate the mainstreaming of adaptation into national economic planning.
- The current Phase 2 is co-funded by the Government of Kiribati, the Global Environmental Facility (GEF), AusAID and NZAID and administered by the World Bank.
- **Phase 3:**
- **Expansion** (2009-2015). This phase would gradually scale up the investments piloted under Phase II to cover all major islands and vulnerable sectors of Kiribati

Objective of the Project

The key objective of the current Pilot Implementation Phase, KAP II, is to diagnose systematically climate-change related problems and design cost-effective adaptation measures and has 5 components.

Component 1: Policy, planning, and information.

- Awareness raising and consultation.
- Policy coordination and planning, including support to the new National Strategic Risk Management Unit in the Office of Te Beretitenti; continued mainstreaming into Ministry Operational Plans; and integration of adaptation into population and resettlement programs.

- The generation of scientific climate risk information and refurbishment of Meteorological Office.

Component 2:

Land use, physical structures and ecosystems

- Reduce the vulnerability of the coastline and key public assets and ecosystems by shifting from approaches to a preventative and more technically varied risk mitigation strategy.
- The development and application of improved risk diagnosis and response methods.
- Improvements in planning and permitting processes to guide coastal zone activities, including regulatory adjustments, awareness raising and enforcement, and economic and environmental monitoring.
- The production of design and construction guidelines, and apply them to a sample of public assets that are at risk, including the national hospital and vulnerable coastal areas.
- Monitoring and piloting activities to protect and restore coastal ecosystems and biodiversity affected by climate change, climate variability and sea level rise including the detrimental effects of current adaptation practices.

Component 3

Freshwater resources

This component:

- Supports the development and management of freshwater resources to reduce their vulnerability to climate vulnerability and climate change.
- Provides assistance to update the national water policy, improve water resource management, and revise building codes to enhance opportunities for rainwater catchments and storage.
- Will support the preparation of a master plan for water resources on Tarawa; pilot projects to identify and increase water resources in freshwater lenses, and a public awareness and education campaign to change their attitudes.
- Will assist the outer islands, with water resource assessments and improvements in the water supply system in selected locations, including attention for non-polluting sanitation systems.

Component 4

Capacity at island and community level.

This component provides assistance to the Ministry of Internal and Social Affairs (MISA) and includes:

- Adaptation in the Outer Island Profiles
- Training on climate risk management for local governments.
- A program of small-scale adaptation investments in two selected outer islands, identified through participatory planning and implemented directly by communities.

Component 5 Program management.

This component provides:

- Support to the project including program management, accounting, procurement, and running costs of the Program Management Unit.
- Support for the evaluation of KAP 2 to inform the design of the next phase of the Government of Kiribati's adaptation efforts.

**KAP II Project Management Unit,
P.O Box 462,
Bairiki, Tarawa
Republic of Kiribati
Phones: (686) 21696 or
(686) 21660**

Posters

Poster design for the project is underway with messages and clips on coastal erosion, water management, increased in temperature leading to coral bleaching, destruction of vegetation and food crops.

Appended below are posters designed by workshop participants on one of the six islands visited.

Posters designed below convey CC, CCA and SLR messages on 3 different topics.

Appendix 2 The posters below were designed by workshop participants at Butaritari in August.



Topic 1 Coral reef pollution

The poster above conveyed messages on maintaining a healthy and clean lagoon with abundant marine lives.



Topic 2 Coastal management

“Plant trees along coastal area to prevent erosion” is the message on the second poster.



Topic 3 Freshwater management

. Identifying the best way to manage a safe and clean well-water with a lid (ticked drawing) is the last message conveyed in the poster for a healthy and safe water management.

Photos used in the poster designed below were taken on outer islands and South Tarawa.



Appendix 3 Poster designed above for KAP II awareness raising.

School Competition

Six best students were each selected from 3 Junior Secondary Schools in South Tarawa to participate in the Quiz Competition held at the Bairiki Square to commemorate the Teachers National Day on October 1st in Kiribati.

The Quiz Competition took place following a discussion between the Education Officer in charge of the Intermediate Schools in Kiribati and KAP's National TA for Participatory Events and Media Strategies for CCA Information and Awareness.

Questionnaires on CC, CCA, & SLR designed by the Media TA were used in the competition and witnessed by KAP officials.

The first prize for the winner went to Betio JSS, followed by Animarao (TUC 1) and lastly, CB (TUC 2).

Catholic CCA Youth Conference

Awareness raising by KAP II to youths in South Tarawa took place at the St Joseph's Maneaba, Teoraereke where the Project Coordinator and Manager gave talks about CC, CCA and SLR as a promotional campaign at the Youth Convention early September.

The last part of the promotion was done on media and public awareness followed by a video show of the drama performed by Teoraereke Parish Youth Group. All actors and actresses taking part in the drama were all present at the Youth Convention making the show more fun to watch.

About 500 youths attended the Convention throughout South Tarawa.

Attachment with MELAD

The attachment program for Media TA was organized between the Ministry of Environment, Lands & Agriculture Department and KAP Coordinator started in early August.

The aim of the attachment will be for the Media TA to train staff from MELAD's media division how to gather and write news articles for print and radio and to upgrade the news standard and content of their ongoing newsletter, *Te Katoumata*.

The Media TA spent 2 days a week, Tuesday and Wednesday working with MELAD free of charge.

The first week was dedicated to designing the ministry's flyer. The dummy (designed flyer) needs to be edited and sent to the Director, Permanent Secretary and Senior Officials for approval.

However, the continuous problem with computer breakdowns has made it impossible for the team to continue working on the dummy.

Meanwhile, the Media TA's attachment with MELAD is suspended till computers are available.

5. RADIO PROGRAMS

There have been 6 recordings of the Project programs produced at BPA for AM Wave Band. The station reaches all islands of Kiribati including the Line and Phoenix Group relayed by the FM Radio in Kiritimati.

People with radios have access to programs broadcasted on this frequency. More radio programs will be produced fortnightly as this is an ongoing activity.

Figure 4 List of programs already broadcasted

Date:	Program title	Description/Status
25 th May 2008	ANA KAONGORA TE KAP	Interview with Rev Baranite Kirata on CC, CCA, SLR and beliefs of the Church with the next flooding as an impact of CC.
8 th June	✓	Interview with Fr Michael McKenzie on Climate Change and beliefs of the church.
22 nd June	✓	Interview with Tatoa Kaiteie, about the results of the surveys he carried out on public attitudes awareness at Tamana, Kuria, North Tarawa and Makin.
6 th July	✓	Projects activities – 5 news items on workshop follow-up by Dr Robert Kay, outer island visit and workshops by the Consultation team.
20 th July	✓	Interview with MFRD & MISA officers about the consultation process conducted at Kuria with Dr Temakei Tebano;s team. What are their connetions(ministries) with CC, CCA, & SLR.

Date:	Program title	Description/Status
3 rd August	✓	Breakdown of transmitter and no programs due to technical faults.
17 th August	✓	
31 st August	✓	✓
7 th September	✓	More programs would be produced on the dates shown below also on a fortnightly basis.
14 th September	✓	Interview with Dr Temakei Tebano on outer island consultations, what did he talk about with outer island communities.
28 st September	✓	Program water issues from extracts of the interview with Sr Marella, Water Engineer Consultant with KAP.
12 th October	Program not broadcasted due to the transmission breakdown. The program will resume when the AM frequency is back. BPA is broadcasting now on an FM frequency with poor receptions in Kiribati, except the Line and Phoenix Group which is being targeted at this frequency.	Interview with Berenato Timon on coastal issues, Flooding, planned workshops for S. Tarawa etc, relating to CC, CCA, and sea level rise.

News releases for print and radio (FM & AM)

Press releases for print and radio were broadcasted on FM and AM radios.

News articles broadcasted included a survey on public attitudes and awareness, national and international workshops on Coastal Zone Management, visit of the survey team to outer islands, news articles compiled from Tamana about the workshop conducted there and outer island visits by the Consultation team led by KAP.

Below are copies of broadcasted news bulletins aired by the Broadcasting and Publications Authority of Radio Kiribati.

KAP 2 Promotion

1. (taiaoka ngkana iai riki am better translation ibukin te taeka ae i nano aei)

Te Integrated Climate Change Adaptation Based Risk Diagnosis and Response

Process bon aran te maroro ae e na wakinna te Kiribati Adaptation Project Phase 2 – iaon

Buabuatan ke te botakin ni iango iaon aananga ni kanganga ma aanga ni ka-angaraoi ake a irekereke ma bibitakin kanoan boong.

Te kauring nakoia botaki ni mwakuri aika a kakaokoro ma rabwata aika a inaomata ake a kaoaki nakon te maroro aei bwa a na kakaonimaki ni kakoroï bukinakiia ke tibwangaia aei.

Aio bon te maroro ae e rangi ni kakawaki ibukiia kain Kiribati ae bwanin ae e na kairaki iroun temanna te tia rabwakau mai tinaniku ae Dr Robert Kay.

Te maroro e na karaoaki n te Otintaai Hotel man 7 nakon 8 ni Beberuare.

Ends

2. Nakoia te koraki ake a tataneiai ni mwamwakuri ma KAP 2

E kukurei ni kaotia ikai te karikirake ae te Kiribati Adaptation Project Phase 2 bwa e nang mwaing aobitina mani nnena ni kawai nakon ana tabo ke ana aobiti ae e boou.

E nang aobiti ngkai n ana moan aobiti te British High Commissioner, are e aobiti naba iai te VSO, ao te EU (European Union) ni kaitara ma ana auti ni maeka Ana Ai Kamitina Aotiteria.

E na mwaing KAP 2 nakon ana aobiti ae e boou aei nakon tokin te namwakaina aei, Tianuare, 2008.

3 Nakon te Kiraka n te Kauntira i Tamana ao kain te abamwakoro ae bwanin,

E na iai kawaran ami abwamakoro man ana tiim ni mwakuri te Karikirake ae te Kiribati Adaptation Project Phase 2 n 7 bongin te namwakaina ae e na roko, Beberuare.

E na karaoaki te moani kakae/ukeuke n ami abamwakoro ni kaineti ma bibitakin kanoan boong.

Kam a butiaki ami ibuobuoki nakoia te koraki anne.

E na bon iai naba ruamwian te tiim anne irouia taani mwakuri naba n te Karikirake aei, iaon itera ni mwakuri aika a kakaokoro. A na kawara ami abamwakoro kain te kauoua ni mwananga ni Beberuare, 28.

Maania taani mwakuri aikanne bon kaka 1 te wiiki.

Kam a butiaki ami ibuobuoki n aron baoia ao aia tabo ni maeka.

Taiaoka kanakoa ni katoa bong n tain ara sponsorship.

Man te Kiribati Adaptation Project Phase 2.

4. For Radio Kiribati

The Kiribati Adaptation Project Phase 11(two) will conduct a one-day pilot survey in the villages of Nabeina and Kainaba, North Tarawa tomorrow.

The baseline survey will be on awareness and attitudes to climate change to test the current effectiveness and suitability of the content and design of the questionnaire.

The baseline survey in Nabeina will be a trial before the Kiribati Adaptation Project 2 embarks on the actual survey .

The five islands targeted for the survey are Tamana, Makin, Kuria, North & South Tarawa in the middle of February, next month.

The baseline pilot survey will be conducted by a Senior Advisor on Climate Change Awareness & Participation Processes, Ms Christine Hogan and Mr Tatoa Kaiteie, his local assistant.

The 2-man team will be assisted by the Council's representative of North Tarawa Council.

6. A survey will be conducted to measure awareness of and attitudes towards climate change issues and challenges and how these change over time.

In January 2008, pilot interviews (one to one) will be conducted in Nanikai, South Tarawa and Nabeina in North Tarawa.

This is to check the questions with people and make improvements before the real survey. Then a team of six people will be conducting one to one interviews between February and April. The survey will be conducted in the two KAP pilot study islands ie Tamana and North Tarawa. Additionally, the survey will be conducted in South Tarawa, Makin and Kuria.

Ends



*Iroan Tio Tiro Te
Tarakai reporter*

A tia ngkai ni karairaki
4 taani mwananga man
te aro ni Katorika are
araia te Kiribati Global
Warming and Climate
Change Action Group
are a mena iaan te

**Pacific Calling
Partnership.**

Te mwananga aei are e
riki man asa itoman te utu
n tina ae Good Samaritan
ma te Edmund Rise
Centre are i Sydney,
Aotiteeria.

Naakai akee a bon
karairaki man te boowi are

A karairaki Aman mai Indonesia, imwin irakin Te Bouwi

Indonesia, n asa boto ni
kazwa ae Bali.

Te boowii aei are
bon ana boowii te UN
ibukin bibitakin kanoan
boong, are nanooa bwa
te boowii aei bon tiaki te
manikangare bwa are A
bon aomata aika
kakaawaki man
Tautaeaka nako n te
aomnaaba, so ibukin aei
ao a bon rangi ni mwaiti
naba te naan botaki ni
kareka rongorongo aika
kakaokoro ni ikotaki ma
te TV.

E taekinna naba Sr
Clare Anterea bwa aron
te rinnako nakon taabo
akee ana anga iai aia
kabwarabwara e a bon
rangi ni matao te tutao iai,
aei are e riki ibukin ngkoa
te karebwe boom are e
karaoaki ao riki ibukina
bwa a rangi ni mwaiti
aomata aika a rangi ni
kakannato, n aron te PM
mai Aotiteeria ao a
mwaiti riki.

reitana n 1/B 15

E TIRITIRI TE KANGENGE MA E KAI TIRINGAKI AO MANI KATOKAKI

Tera te anga ae ti na karaola bwa e aonga n aarekeke mwaitiia ake aorakina te kangenge iaon abara ao taokarako ae
Kiribati?

Aikai anga tabeua ake ana koma ni buoka aron kauarekekan butin te aoraki aei ae ma riai ni kaiiti wiia ni
kaina wiim ni baim ke n te kawere ngkana ko bekobeko ke ko mwaiti ao ni baware n aki akaka bwa aia are e
carika iai otimakon manin te kangenge ao mani beibeiti n te eea inanon tabeua te aoa.



Tereimtia teitini, tihumi ao kain am utu nako aron buoka kauarekekan butin te aoraki aei ae na riai ni kaiiti wiia ni
reitini ke n te kawere ngkana a bekobeko ke a mwaiti ao ni katoka te katel are te baware n aki akaka. Te usia n
reitaki n ibucobeki so mauakinan te aua aei boni ngata te kawai n totoko ibukin kauarekekan butinakon te
aoraki ae te kangenge.

raiklin anse, te maeka ao te matu n aki ibetutu ma te ikelike raoi e na bon kauarekekan kaibutin manin te aoraki
nakoan temanna ma temanna. Te aoti e na bon riai ni uki nako n te aro are e na uki raoi te ang ae booo n iatimako.
Ngkana ti keraki ni karaoi bwaii aikai ao e na bon buoka aron kauarekekan butin te aoraki ae te kangenge.

National Education Week and Teachers Day , 2008

The Public is invited to witness Awareness Activities during National Education Week and Teachers Day as on Program below:

National Education Week & Teachers Day (29/09/08 – 6/10/08) Awareness Program:

Dates	Items	Participants	Venue
Mon: 29/09(9am-2pm)	Opening	Pre-school/Disabled	Bairiki square
Tues: 30/9 (9am-2pm)	Exhibitions	Primary schools (PS)	Primary sch
Wed: 1/10 (9am-2pm)	Exhibitions	JSS	JSS
PLUS	Climate Change Quiz Competition between TUC 1, TUC 2, & Betio JSS The live radio coverage will be on from 2pm to 3pm. Teachers/Students & Public, all invited to watch the competition while it's still in progress. (Funded by KAP 2 Project.)		Bairiki square
Thur: 2/10 (9am-2pm)	Exhibitions	SSS	SSS
Fri: 3/10 (9 am – 2pm)	Exhibitions	(KTC, CDRC, Library/ Archives)	Bairiki square
	Evening (Sponsored by ANZ Bank) (Variety shows: Rock challenge, Drama, Cultural/Modern shows, etc.)	Open to students/schools/Public Admission: Adult \$1/Std .50	Sports complex
Sat: 4/10 (9 – 2pm)	Games (Semi and grand final matches)	Teachers	Bairiki Stad
	Evening (Optional/school base activities, Fun raising activities, etc)	Teachers	Free space
Sun: 5/10/08	Sunday service as usual		Villages
Monday 6/10/08 (9am - midday)	Teachers Day Celebration		St. Joseph Mwaneaba

(Working Committee for 2008 National Education Week & Teachers Day, Ministry of Education.)

Education Week and Teachers Day Program

News articles for print published by the Fishermen newspaper, Te Tarakai were about the Climate Change Action Group (Tarakai pages 6 & 10 in the January 2008 issue).

The second newspaper extract is the program of National Teachers Day including a Quiz Competition on CCA sponsored by KAP on a Wednesday, 1st October.

Project Sponsorships

The project first started sponsoring radio programs at the start of the year promoting the projects' activities.

KAP II has successfully sponsored numerous radio programs with more future sponsorships to follow secured with BPA.

Figure 5 List of programs sponsored by KAP.

Date	Sponsored programs	Program duration
21/01 – 25/01/08	NIMAUA AKEA	1 hour – 5pm to 6pm
	The program or a CCA Quiz on general knowledge where listeners phoned in and answers questions prepared by the station or by the ministry or project sponsoring the program.	50 minutes From Monday to Friday.
22/09 – 26/09/08	The Project promoted it's activities a week before the CCA Quiz Competition on the 1 st October. The promotions will enable students participating in the competition to learn a few things about the Project's goals, activities and background information.	
	CURRENT AFFAIRS	1930 – 1945 hours
09/06 -13/06/08	From Monday to Friday Promotional messages by sponsors are read before highlights of the current affairs for the day is broadcasted following the news bulletin. A 1-minute summary of the Project activities is promoted in this slot.	15 minutes program From Monday - Sunday

Date	Sponsored programs	Program duration
	BUSINESS HOURS	
23/06-27/06/08	0830 -0900 hours Monday to Friday	30 minutes This slot is allocated to businessmen, ministries, corporations etc. Services and products are promoted at this hour by businessmen, ministries etc but that 30 minutes is sponsored by KAP or others.
07/07 – 11/07/08		
	NEWS HOUR	15 minutes for every news hour
21/07 – 25/07/08	1200 PM 1700 hours 1900 hours 2100 hours 0900 hours	Before the news bulletin is read, a 1-minute summary of KAP's activities is promoted which includes different adaptation messages. Promotional messages are read 5 times a day from Monday to Friday.
01/09 – 05/09/08	1200 PM 1700 hours 1900 hours 2100 hours 0900 hours	✓

6. FUTURE PLANNED ACTIVITIES

Activities	Expected timeframe	What needs to be done & how?
1. Posters	End of October 2008 English version completed and printed.	English version printed. Few more editing on Kiribati version.
Church Leaders workshop – South Tarawa	? ? ?	Waiting for the planned date.
3. Newsletter	1 st edition out in November.	5 more will follow on a monthly basis.

COMMUNICATION STRATEGY

Several reports following outer island consultations, workshop trainings and also mentioned in the Baseline Study Report (August 2008) reported the lack of awareness raising on climate change (CC), Climate Change Adaptation (CCA) and sea level rise (SLR) which are definitely correct.

KAP II National TA's term of contract expires at the end of January and recommends that awareness raising in the forms of newsletters, radio programs, radio promotional campaigns, poster designing, drama, flyers, press releases for radio news, video production, dramatic presentations, competitions among school children and outer island consultation and workshop trainings be continued.

Media promotional campaign is very expensive and this needs to be seriously considered if KAP II wishes to continue to disseminating information to outer islands especially.

From the Baseline Study Report's findings by Dr Christine Hogan, radio was revealed as the most efficient tool in Kiribati for information dissemination.

A similar report on Needs Analysis Report (Foundation for the People of the South Pacific 2004) doing a random household survey on 17 islands in the Kiribati Group it was also revealed that most people in Kiribati have radios with the exception of Marakei Island where most people did not have radios.

This also showed during the visit of KAP II Consultation team to the island at the end of September 2008 when a team of 9 resource officials were stranded at the airport because nobody knew of their arrival despite repeated announcements over the radio six times, even the Island Council Officers did not even hear the announcements. It was found at the time of the visit that there were not many radios still on the island.

This is area that needs to be looked into if KAP II could think of ways to support outer island communities with affordable radios.

Information dissemination will be worthwhile only if more money is invested in radio programs and affordable radios.

It has been found recently that the only radio station in Kiribati, a government-owned Radio Kiribati has been broadcasting on a short wave transmission FM 90 due to the breakdown of the Medium Wave Frequency (AM). Only Tarawa and 3 islands in the Line Group of Kiritimati, Fanning and Washington can tune in to this frequency while the rest of the Kiribati Islands have no access to the FM 90.

The old transmitter that broadcasts on the AM frequency is a write-off as it been there since the colonial era and a new transmitter is what the Government is looking for. This is another problem because a new transmitter is not something cheap. It is very expensive.

The Project (KAP II) will have to do something about this as radio is the only tool available for the people of Kiribati and radio is our only means of communication too to outer island communities.

Newspapers or newsletters followed radio though little penetration to outer islands as it is expensive by post compared to radio.

In order for awareness raising to continue, it is highly recommended too to have a Media Task Force comprising KAP, Government Departments, Climate Change Action Group, and NGOs to coordinate media messages about climate change.

The Media Task Force will also design a lexicon or bi-lingual terms for CC, SLR, and CCA and disseminate it to news agencies, different government departments, religious groups, NGOs, CBOs to ensure that these words are used consistently and if NOT to explain to them.

From the previous workshops and consultations conducted at Tamana, North Tarawa (KAP II piloted islands) Makin, Butaritari, Marakei and Maiana, it noted that the latter were regarded as the most efficient ways of bringing about adaptation in behavior (together with laws and their effective implementation).

To date there have not been many consultation/workshops on CC and related environmental issues on islands visited and this is another recommendation for KAP II to consider.

Of the 6 outer islands visited, more than 500 participants have participated in the workshop and have gone through collecting news articles for radio news, producing a radio program, poster designing, doing a research for staging a drama, composing a song for coastal erosion adaptation, water management, and coral reef management. Information on CC, SLR and CCA were conveyed by participants (Group Work) through a design of a multi-faceted strategy for utilizing a range of participatory events for information dissemination and awareness raising.

The designing of a multi-faceted plan for CCA-based participatory events should be continued with finance invested in this expensive communication plan as Kiribati is an extremely dispersed country with a very low level of awareness.

Kiribati consists of many islands far removed from one another and communications are poor and inconsistent, literacy levels are relatively low, and transportation links are relatively poor and slow.

This is a challenge but as I mentioned earlier, money should be invested in radio as this is the only cheaper way of information dissemination and awareness raising.

In order for KAP II to continue with Awareness Raising Campaign, a qualified Media personnel will continue on from Phase II.

Before looking any further, I recommend that KAP II solves the problem first with the breakdown of the transmitter and urge the Government to buy a new one in order for our messages to be conveyed and disseminated throughout the habited islands of Kiribati.

RECOMMENDATIONS

It is recommended that:

- Island Community Workers (ICWs) be specially-trained in radio reports with the financial support of the project. ICWs have had journalism trainings decades ago at the invitation of the Broadcasting & Publications Authority (BPA) News Section and since then, has been outer islands correspondents as part of their job.
- Future promotional campaign should be focused on obtaining the Project continuous sponsorships of radio programs to enable islands not visited to get the correct messages on climate change and adaptation issues.
- There should be a constant flow of information or press release from the project to the radio stations.
- There are lots of valuable information from KAP Project Consultants that needs to be broadcasted to the population of Kiribati.
- KAP Project Management Unit to encourage all national and international Consultants to issues that needs the attention of the media for print or broadcasting at least a fortnight or once a month.
- As KAP II National Media TA's contract expires at the end of January, 2009, and if KAP II wishes to continue with Media Campaigns, it is suggested that it contracted a qualified media personnel to carry on from where the former TA left off.
- Ensure that BPA through Government buy a new transmitter because information could not be disseminated to the rest of the Kiribati islands. As it is, only Tarawa, Kiritimati, Fanning and Washington have access only to the government-owned FM 90 while the rest of the scattered islands have no means of getting information. As radio has been identified by several reports as the most effective and efficient tool, this could not be achieved unless something is done on the only government-owned radio station to service all outer islands.

LESSONS LEARNED

During the course of the workshops it was found that:

1. There is a gap of information on ground water eg
 - How deep is it to dig the well to avoid salt water intrusion?
 - How far is the well water from the pigsty?
 - How far is the well water from the grave or graveyard?

The Ministry of Health and Medical Services and Ministry of Public Works and Utilities said that 30 metres is the standard distance used.

This is a dilemma because land blocks are small. The 30 metres needs to be addressed before any future trips to outer islands are made to ensure that facilitators give members of the community the appropriate answers.

2. Need to add time for action planning by each person, eg person asked individually or grouped and asked what do they plan to do after the workshop by changing their lifestyles, change of behaviours and what they say publicly are recorded.