



**3rd Multipartite Review (MPR) Meeting and
Technical and Operational Support Workshop
Pacific Adaptation to Climate Change
(PACC)Project
Yaren District, Nauru, 6th – 14th August 2012**

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With support from UNITAR C3D+ Program

Outcome 1: Mainstreaming

- 2009 FSM climate Change Policy – Signed FSM President Mori (Food, water, agriculture, coastal, health)
 - 2011 – Kosrae (KSL) enacted first FSM CC legislation
 - Key steps followed and results
 - CC regulation now in draft
 - EIA guideline now in final draft mainstream climate proofing measures into the EIA process
 - Kosrae IDP mandated by CC law to be climate proofed
 - Housing programs will be using the new EIA guideline for housing loan process
 - Institutional capacity and coordination mechanisms strengthened.
- Compliance with CC Legislation
- USDA Housing programs
 - FSM Development Bank loan programs
 - PIDB (Pacific Island Development Bank) loans
 - EPA in (Ponhpei,Yap, Chuuk) now using Kosrae CC legislation, EIA guideline as a model.

- ❖ Links with overall national and other sectoral policy processes and frames:
 - ✓ MCES – Micronesia Chief Executive Summit passed a resolution supportive PACC initiatives in Micronesia
 - ✓ Final draft- 2nd National Communication
 - ✓ Review of Title 25, FSM Code (Environment) CC adaptation and Climate proofing. Now With the FSM congress for ratification.
- ❖ Some Backstopping assistance- GIZ funded a TA (SPC/SOPAC/NIWA)- collaboration with PACC –
 - To do revision and climate proofing of the existing “*Kosrae Shoreline Management Plan 2000*”
 - Meeting with stakeholders on how to attract funding for follow up implementation actions



A guiding document

The Kosrae Shoreline Management Plan

Summary of Recommendations



May 2000



Development Review Commission

- Update and revise strategy:
 - Coastal hazard risks and how they will be impacted by climate change:
 - Natural environment
 - Infrastructure
 - People, their property and their land
 - Inform where we may want to be in 1 or 2 generations time.
 - Options:
 - Government
 - Municipalities
 - People

❖ Some factors that contributed to the success of the mainstreaming exercise?

- ✓ Strong community support
- ✓ Policy makers now realizing the impacts of CC
- ✓ Gender (men/women) now have common understand of CC
- ✓ Backstopping support from (regional, international) CROP agencies
- ✓ Education/Awareness programs – ongoing
- ✓ CC in school Curriculum (SPREP, PREL,FSM DOE in collaboration with PACC). Committee organized to review.
- ✓ CC becoming an issue at the highest level in FSM/Micronesia (MCES,APIL,Presidential summit (RMI,FSM,Palau)...

❖ Loss and Damage in Vulnerable Countries Initiative

- This project is funded by the University of the United Nations
- The project will deliver 8 case studies looking at loss and damage in LDCs (and one SIDS) as a result of climate change.
- Will be used by LDCs and SIDS at the next Convention of Parties in December
- Kosrae is one of the eight cases chosen around the world (only one in the Pacific)

Aims of the project

1. To understand impacts of coastal erosion on infrastructure (housing, roads) conditions
2. To start understanding the developments for the coming decades
3. Develop policies to help decrease loss and damage, and increase resilience to the adverse impacts of climate change

Eight Case study sites

1. Bangladesh (salinization)
2. Kenya (floods)
3. Ethiopia (floods)
4. The Gambia (drought)
5. Burkina Faso (drought)
6. Mali (drought)
7. Bhutan (glacier melt)
8. Kosrae, Micronesia (coastal erosion/sea level rise)

Comp. 2 Demonstration

- ❖ Capacity built as a result of the technical implementation process
 - Engineers now using the ADB Climate proofing baseline and recommendations against the designing of projects
 - Lesson learnt from the ADB assessment report need to be strengthened
- ❖ Community benefits as a result of the implementation of on-the-ground measures
 - Easy access for people (relocate settlement, farm areas, other means of livelihoods)
- ❖ Number of communities that benefited (H/H, people etc.)
 - People of Kosrae most especially Tafunsak community

Information to underpin “climate proofing” infrastructure decision-making and design

ADB climate proofing project developed some infrastructure design information for Kosrae and based on existing climate data, e.g.:

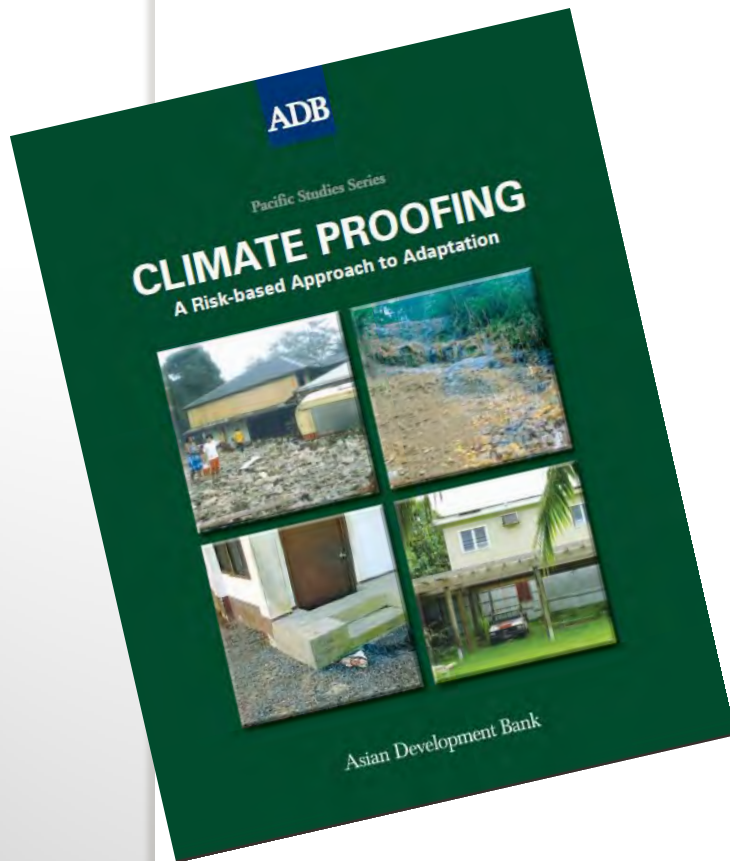
- Extreme rainfall amounts
- Sea levels
- Extreme winds

PACC project development identified information gaps in climate information to underpin robust adaptation planning and designing of infrastructure, e.g. roads.

For Kosrae this included:

- Lack of information on high intensity (e.g. short very heavy duration rainfall)
- No sea level information

Both extreme rainfall and sea levels will change significantly due to climate change.



Demo project status

- **Project Accomplishment:**

Listed below are the present project accomplishments at site;

- Hauling and stockpiling common fill materials between Sta. 38+00 to Sta. 52+00. Spreading and compaction to follow as soon as weather improves.
- Spreading and compaction on fill materials to elevate existing road sections between Sta. 118+00 to Sta. 119+00 and between Sta. 122+00 to Sta. 128+00 (Okat Br. approach).
- Installation of drainage pipe culverts 36"Ø x 36.0 ft. were completed at the following stations:



Outcome 3: KM, Awareness, Communications

- FSM PACC National communication Strategy (finalized)
- Awareness developed as a result of the above
 - Newsletters
 - Web site –fsmpacc.blogspot.com
 - Speech contest
 - Essay Contest
 - Stakeholders meetings
 - Consultation meeting w/Policy Makers –





Project Management

- Need support staff
- PACC steering committee very supportive but need know how on CC
- Finance – need coordination (RPMU/NPMU)
- Internal Financial procedures (pros/cons)
- Coordination with related CC initiatives with diff/programs/offices...



Few success factors...

Kosrae CC legislation – As FSM/Micronesian model Law
(Endorsed 2011 FSM Environment Conference as way forward)

Development of new EIA Guideline (climate proofing)

17th MCES support to PACC initiatives (resolution passed)

National Communication Strategy finalized...will be used by DOE
School Curriculum materials.



Summary of challenges

| Problems/issues | Solutions & Way Forward |
|--|----------------------------------|
| Coordination (4 FSM States) | Not sure |
| PMU (need support staff) | Blessing this week (UNDP,RPMU) |
| Need technical Expertise | If RPMU can assist |
| Funding delay and Internal Financial procedure in FSM etc... | We discuss this again this week. |

FURTHER CAPACTY AND TECHNICAL ASISSTANCE NEEDED

- Training for Engineers (Climate Proofing)
- CBA Training in country (FSM still waiting)
- RPMU in country follow training on reporting/finance
- Support staffs
- Etc...

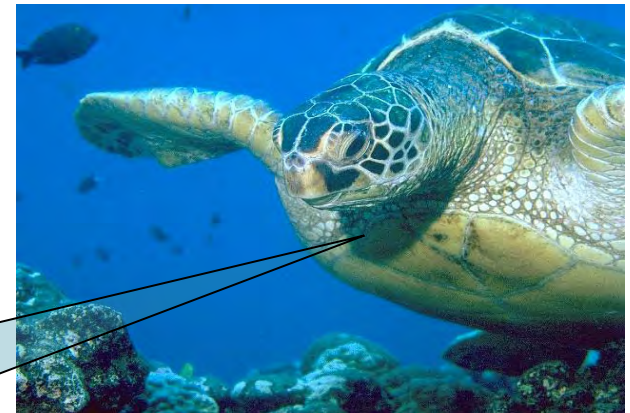


Plans & Actions: 2012-2014

- ❖ Main activities planned
 - Mainstream CC legislation to all FSM States
 - Final project guideline to be developed and ratified –and
 - To be replicated in FSM/Micronesia
 - As a leverage and pioneering up-scaling opportunities become available..
 - More backstopping technical/financial support..
 - Government to take ownership after 2014



PLEASE REFER TO QPR FOR DETAILS



**THANK
YOU**



SPREP
Secretariat of the Pacific regional
Environment Programme



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