

Coping with Climate Change in the Pacific Island Region CCCPIR

September 2015

CCCPIR - quick facts

- **Funded by BMZ**
- **Implementing CC adaptation activities**
- **12 Pacific Island Countries**
- **6 components**
- **Time frame: 2011-2018**
- **19,2 Mio. Euro (plus additional co-fundings from USAID & EU)**
- **Implemented with SPC; in close collaboration with SPREP; others partners are USP, MSG**

Programme Structure

CCCPiR



1. Strengthening regional advisory and management capacity



2. Mainstreaming climate considerations and adaptation strategies



3. Implementing adaptation and mitigation measures



4. Sustainable tourism and climate change



5. Sustainable energy management



6. Climate change education

Overview


Highlights

- Regional
- Mainstreaming
- Implementation on the ground
- Energy
- Education

Regional

- Pacific Gender & Climate Change Toolkit (2013) & development of a training course & ToT for regional and national roll-out
- Cost-Benefit Analysis guideline & standardised training course
- Review of the Implementation Plan for Energy Security in the Pacific (IPESP) - joint activity conducted with SPC and UNDP
- Support to the Pacific Climate Change Portal & Pacific Disaster Net & harmonisation of metadata to be able to link national portals
- Support to the development of SPC's internal GHG reduction policy
- Funding of staff positions in LRD, FAME and SEPPF to progress SPC's Climate Change Engagement Strategy
- Support for the communication, consultation process and gender analysis for the (SRDP)





Regional







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Documents: Pacific Gender and Climate Change Toolkit

Cover	Title	Authors	Rating	Hits
	About this toolkit	Brigitte Leduc (SPC), Karen Bernard (UNDP), Katalaine Duaibe and Laura Cleary (UN Women), Marita Manley (GIZ), Peniamina Leavai (SPREP)	☆☆☆☆☆	270
	Module 1 : Introduction		☆☆☆☆☆	255
	Module 2.1: Food security, climate change and gender		☆☆☆☆☆	207
	Module 2.2: Water, climate change and gender		☆☆☆☆☆	

TOP 10 DOCUMENTS

- 
 1-2-3 of Disaster Education PNG Vision 2050: (2784)
- 
 National Strategic Plan Taskforce Climate Change in the Pacific : (1960)
- 
 Stepping Up Responses in the Face of Rising Impacts Fiji REDD-Plus Policy : (1084)
- 
 Reducing Emissions from deforestation (948)

Mainstreaming

FEDERATED STATES OF MICRONESIA:

Support for FSM DRM-CCA National Policy

NAURU:

Support in the development of the National Adaptation & Disaster Risk Management Framework (RONAdapt) (in partnership with SPC-GCCA)

TUVALU:

Support to strengthen information & knowledge management (IKM) processes & infrastructure for climate change information (on-going development of an events calendar, project database, document & report library)



Mainstreaming

FIJI:

- REDD+ issues and actions reflected in corporate plans of other sectors
- Incorporation of climate change adaptation planning into the National Land Use Planning Guideline & Relocation guideline
- Review of the National Climate Change Adaptation Strategy

Information & communication support

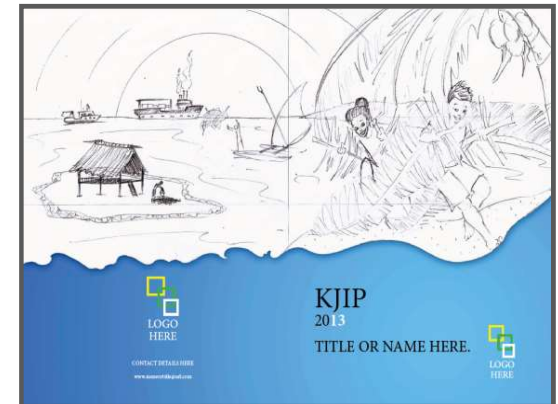
- National Climate Change Portal and REDD+ website
- The Fiji National Climate Change Newsletter



Mainstreaming

KIRIBATI:

- Finalization of the Kiribati Joint Implementation Plan on climate change & disaster risk management (KJIP)
- Incorporation of climate change impacts & adaptation options into the Kiribati National Fisheries Policy (KNPF)
- Development of a Kiribati Livestock Production Concept to support Climate Change Adaptation & Food Security, feasibility study on upgrading the Tannaea Livestock Facility; South-South-Exchange with Vanuatu



Mainstreaming

PALAU:

“Palau National Climate Change Policy Framework” (PNCCPF) 2013-2020,
jointly with EU-GCCA project

VANUATU:

- Strengthen the National Advisory Board on Climate Change & Disaster Risk Reduction, building the capacity of staff, volunteers & technical advisors within the NAB Secretariat.
- Support to the development of the CC and DRM Policy.



Mainstreaming

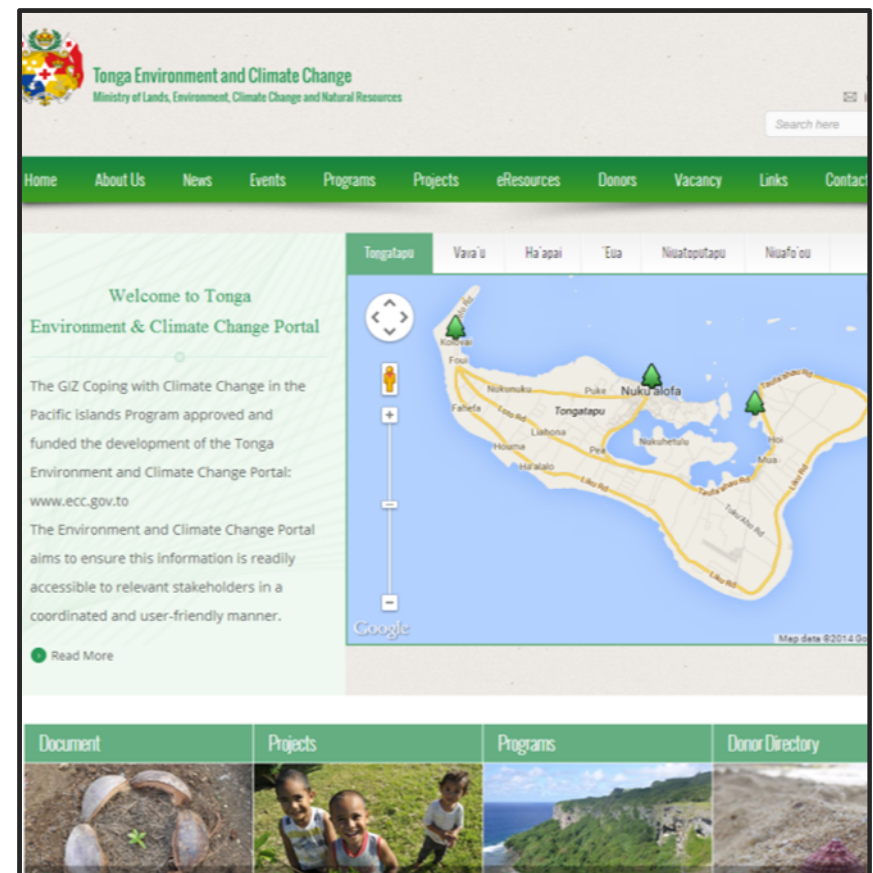
TONGA:

- Development of the National Land Use Policy (with climate change issues incorporated)

- National awareness events

Information & communication support

- Support to the National Climate Change Portal
- Development of local CC awareness materials



Implementation on the ground

FEDERATED STATES OF MICRONESIA:

- Yap State: Community-based Ecosystem Approach to Fisheries Management (CEAFM) and Climate change Adaptation (CCA) Project:
- Chuuk State: Expansion of CEAFM-CCA Project in 2014
- Pohnpei State: Ongoing support for celebration of International Day on Disaster Reduction (IDDR), World Food Day, Earth Day and World Environment Day since 2012
- Kosrae State: Developing of the Kosrae Shoreline Management Plan (KSMP)



Implementation on the ground

FIJI:

- Further development of national REDD+ pilot site; land use planning with villagers, documentation of technical and social approaches; drafting of REDD+ lease
- Narikoso relocation project – field assessments by various sectors, initial land use planning, food security activities (partnership with USAID)
- Extensive community awareness and training programmes on climate change and REDD+ including for women's and youth groups



Implementation on the ground



KIRIBATI – Whole of Island Approach (WoI) on Abaiang (approved August '13):

- Completion of a joint integrated vulnerability assessment (IVA) and action plan
- 12 partners confirmed their support (SPC, SPREP, USP, UNDP, UNICEF)
- 2 Fish Aggregating Devices are deployed and a Fisheries Invertebrate Assessment was undertaken (with SPC SciCOFish);
- 55 teachers trained & have access to climate change education materials and 3 low technology weather stations

Implementation on the ground

PALAU:

- *“Rapid Assessment of Shoreline Erosion on Rock Island Beaches”* published and handed to Koror State and OERC in late 2012
- *“Resilience of Rock Island Beaches in a Changing Environment” – Situation Analysis of Selected Rock Island Beaches*
- Development
„Coastal Change Toolkit“
- *Upcoming:*
Training for community
facilitators on use of toolkit



Implementation on the ground

PNG:

- Kivori pilot site – villagers using planting material and produce from resource centres; training on food processing
- Wamira pilot site, Milne Bay – training on food processing, assessment of traditional irrigation system
- Kiriwina Island, Trobriand Islands – baseline survey on community vulnerabilities conducted



Implementation on the ground

SAMOA:

- Implementation sites selected: 2 on Upolu (covering 10 communities) & 2 on Savaii (covering 8 communities) within the 'Community-based Ecosystem Approach to Fisheries Management (CEAFM)' programme
- 16 FADs established & handed over to communities
- Community Fisheries Management Plans reviewed (with assistance of the Fisheries Division) to ascertain their effectiveness; CC chapter incorporated
- Training of trainers & communities on FADs

Implementation on the ground (8/10)

SOLOMON ISLANDS:

Focus on infrastructure improvement, fisheries & mangrove planting:

- Completion of nurseries in 2 communities (Nuatabu & Malangono)
- Analysis of crop suitability by using soil samples, chemical, physical & climate data
- Setting-up of small-scale pig farm & biogas digester system (showcase project for interested farmers from surrounding communities)
- Conduction of participatory rural appraisal in 8 communities (Malangono, Nuatbu, Panggoe, Sasamunga, Sube-Sube, Voruvoru & Vuraqo)

Implementation on the ground (9/10)

TONGA:

- Nakolo pilot site – replication of farming systems by other farmers
- 'Eua island - watershed management through policy & technical interventions; more than 2000 indigenous tree species planted in degraded forest areas
- Petani women's food security project – 3 plots of idle land made productive; opening & running of Petani food & handicraft market



Implementation on the ground

VANUATU:

- Pilot site implementation on Pele Island, Teouma Bush and Teouma Futuna.
- Development of new best practice adaptation & lessons learned manuals covering: Citrus Grafting, Yam Vine Cutting, Taro Seed Collection, Yam Miniset, Alley Cropping, Honey Bee Husbandry, French/Samoan Banana Multiplication, Vetiver Grass, Marae Traditional Banana Preservation, Coastal Erosion, Backyard Tilapia.

All Manuals and Factsheets are freely available and downloadable on the NAB Portal www.nab.vu.

Energy

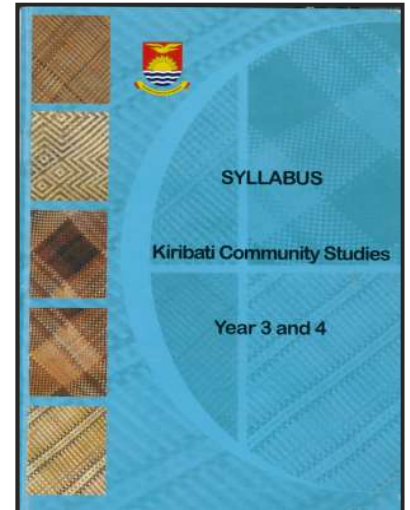
- Nauru - energy roadmap final draft
- Fiji - National energy policy final draft submitted to Cabinet & SE4ALL national gap analysis report endorsed by Cabinet
- Kiribati - Preparation of a sustainable energy project concept for Kiritimati Island (funding from EU/New Zealand confirmed)
- Tonga – Outer Island Solar Electrification Case Study
- Tuvalu - Development of an energy database
- Vanuatu - Report on household energy use in Port Vila and Luganville
- Vanuatu - Development of feasibility studies and a funding proposal for grid-connected solar PV (funding from UAE confirmed).

Note: Implementation ended on 31st January 2014.

Education (1/3)

1. Strengthening CC & DRM in School Curricula based on national consultations:

- Fiji and Vanuatu completed across all levels (Fiji including TVET);
- Kiribati is rolling out year 3 & 4 of Environmental Science & Kiribati Community Studies;
- Science Syllabus for Forms 3 & 4 in Tonga includes impacts and adaptation



2. Teacher & facilitator professional development:

- Training of Kiribati Teacher College lecturers & 15 South Tarawa and 55 Abaiang teachers on *Learning about Climate Change the Pacific Way*
- Development of a training of trainers approach for community based CC & DRM – Training of 32 female facilitators of the SPC Community Education Training Centre (with USP PACE SD)

Education (2/3)

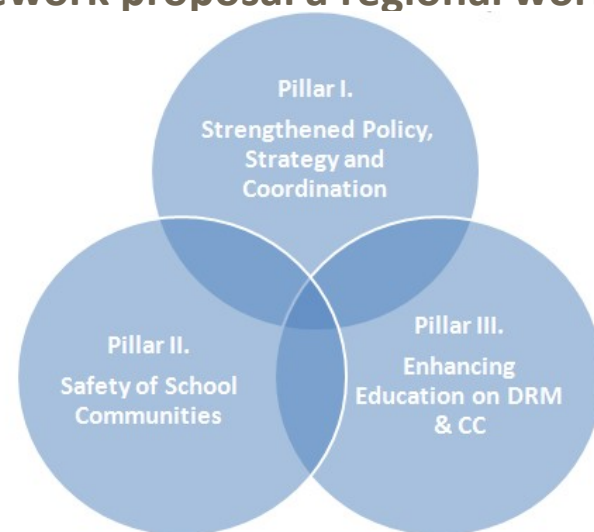


3. School-based CCA

- 17 Tongan secondary schools carried out climate change projects that were televised (Climate Change Warrior Project in Tonga with Australia's aid program)
- National Climate Zone Competition in Vanuatu, broadcasted in television

4. Regional Framework & Working Group on CC, DRM & Education

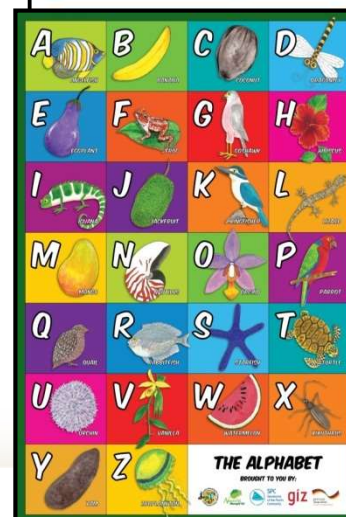
- Pacific Ministers of Education endorsed framework proposal a regional working group
- Three strategic pillars agreed at the joint meeting of the Pacific Platform for Disaster Risk Management & Pacific Climate Change Roundtable 2013 (Nadi)





Education (3/3)

1. Development and distribution of education resources:
 - Launch of the new education resource 'Learning about Climate Change the Pacific Way' – extensive consultations & testing;
 - French, Tongan & Vosa Vaka Viti translations of Pou & Miri & distribution to primary schools in Fiji and Vanuatu;
 - 600 posters on Coastal Marine Habitats for primary schools in Kiribati & 800 environmental alphabet posters for primary schools in Fiji & i-Taukei glossary for Fiji





THANK YOU FOR YOUR ATTENTION