

Regional Approaches to Climate
Change
Case Study
Samoa &
*Pacific Island Climate Change
Assistance Programme
(PICCAP)*

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PRESENTATION OVERVIEW

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- Samoa
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- PICCAP Phase I
- PICCAP TOP UP – Phase II
- Products from PICCAP
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- Samoa after PICCAP

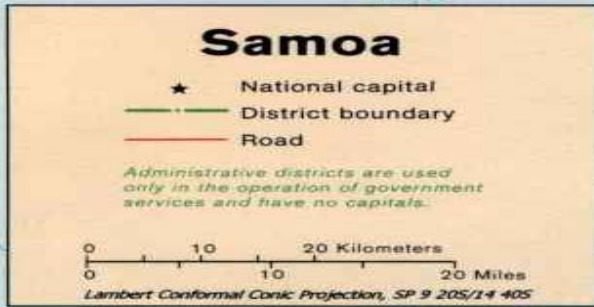


Pacific Island Climate Change Assistance Programme – an overview

- Regional Climate Change Enabling Activities project
- 10 PICs involved
 - Cooks Islands, FSM, Fiji, Kiribati, Marshalls, Nauru, Samoa, Solomon Islands, Tuvalu, Vanuatu
- Coordinator: SPREP
- To strengthen the capacities of the said countries to enable them to meet their reporting obligations under the UNFCCC

6 major capacity building activities for countries themselves to carry out:

1. GHG Inventory – sources & sinks
2. Mitigation Options – an evaluation
3. Vulnerability Assessments
4. Adaptation Options – an evaluation
5. NIS – national implementation strategy
6. First National Communication Reports – to the COPS to the UNFCCC



Became Independent: 1962

Pop (2001): 174,140

Real GDP (2002): \$689.2M

Real GDP/capita: \$3,875.00



Economy base: agriculture, fisheries, forestry, tourism

Total land area: 2,934 km²

EEZ: smallest

Highly vulnerable: El Nino events (dry), extreme events

Climate: tropical, wet & dry, uniform annual temp

Samoa before PICCAP

- 1993 – NEMS Report
 - Urgent priority issues:
 - Population growth (draft National Population Policy)
 - Climate Change (draft National CC Policy)
 - Loss of biodiversity (National Biodiversity Policy)
- 1994 – signed UN Framework Convention on Climate Change (UNFCCC)
- 1996 - 2001 – Economic Reform
 - 28 depts→14 ministries (e.g. DLSE→MNRE)
- 1997 – signed Kyoto Protocol
- 1997 – PICCAP initiated



Samoa with PICCAP

- Set up of the National Climate Change Country Team (NCCCT)
 - Appointed by Cabinet
 - MAFFM, DEC, Treasury, Statistics Department, MFA, MOT, TD, SWA, DLSE, NGOs, private businesses & communities
 - SPREP – technical support
- Objective of the Team: to carry out tasks set out for PICCAP at the national level and to compile Samoa's INC Report to the UNFCCC

PICCAP Phase I

1999

- Carried out the Objectives 1-4 of PICCAP
 1. GHG Inventory – sources & sinks
 2. Mitigation Options – an evaluation
 3. Vulnerability Assessments
 4. Adaptation Options – an evaluation
- Developed Samoa's INC Report, 1999
 - executing agency: MNRE
 - Technical assistance: SPREP
- Initiated Plans for Public & Community Awareness Programs on Climate Change



PICCAP Phase II – Top Up 2001

- Developed CC Policy – NEMS Committee review
- Further Personnel Training NCCCT
- Finalize Possible Project Proposals under UNFCCC
- Plans for Public & Community Awareness Program **Initiated**
 - MEDIA CAMPAIGNS (poster, pamphlets, tv program spots, documentary, radio programs, weekly features on *Sunday Samoan* newspaper, internet www.mnre.gov.ws)
- Launched FIRST CC Awareness Day, 6th July 2001

Childrens Corner



1. How much of the sun's rays are reflected back to space?

- [a]10%
- [b]20%
- [c]30%
- [d]40%

2. What traps the sun's energy on the earth's atmosphere?

- [a]trees
- [b]soil
- [c]gases
- [d]animals

3. The most practical way we can all do to reduce climate severe impacts is to:

- [a]reclaim the sea to increase land space for living
- [b]plant more trees as sink of greenhouse gases
- [d]build underground fortresses as refuge from hurricanes

9. Which of the following activity in Samoa is giving out great amounts of greenhouse gases?

- [a]vegetation
- [b]forest clearance
- [c]vehicles
- [d]inland lakes

10. Which of the following countries is contributing the highest amount of greenhouse gases?

- [a]Samoa
- [b]New Zealand
- [c]China
- [d]USA

Word Find

Find the following words

Global Warming
Atmosphere
Renewable
Climate Change
Impacts

Greenhouse
Humans
Energy
Ice Age
Reclaim

Gases
Industries
Weather
Human Induced
Seawall

L L A W A E S X E S U D A A C
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Existing view MNRE's Website Homepage

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MNRE - Home

Notices and Vacancies	Events for 2004	Images from MNRE
<p>Notices: Land prices publication Land prices for the first quarter of 2004 - January to March</p> <p>Vacancies: Position Code: MNREM04/02 Position Title: Assistant Chief Executive Officer - PUMA</p> <p>Position Code: MNREM04/02 Position Title: Assistant Chief Executive Officer - Technical</p> <p>Position Title: National Project Coordinator - National Capacity Self-Assessment Project (NCSA)</p> <p>Position Code: E19/2004 Position Title: Watershed Technical Assistant</p> <p>Position Code: PA16/2004 Position Title: Senior National Disaster Management Officer</p>	<p>February - Waste Awareness Day</p> <p>March - Chemical Awareness Day</p> <p>May - Biodiversity Awareness Day</p> <p>July - Climate Change Day</p> <p>September - Ozone Day</p> <p>November - Environment Week and Arbor Day</p> <p>November - National Environment Forum</p>	 <p>Turtle survey of Nuulua and Nuutele - 2004</p> <p>PAUSE</p>

Resources

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Local intranet

PICCCAP Phase II Top Up... 2001

- National Climate Change Policy
 - Cabinet Development Committee Review (2004)
- NIS –
 - Until the NCCP is endorsed by Cabinet
 - Appropriate Implementation Strategies be formulated
 - Continued Technical Assistance from SPREP

Products from PICCAP

- An est. NCCCT
- Increased capacity for CC programs
 - institutional, technical, training
- Enabled launching of FIRST Climate Change Awareness Day – 6th July, 2001
- Samoa's first GHG Inventory record
- Samoa's INC Report to the UNFCCC, 1999
- Extensive Public & Community Awareness Programs (national & grass roots level)
- Initiated National Climate Change Policy



Constraints in meeting PICCAP objectives

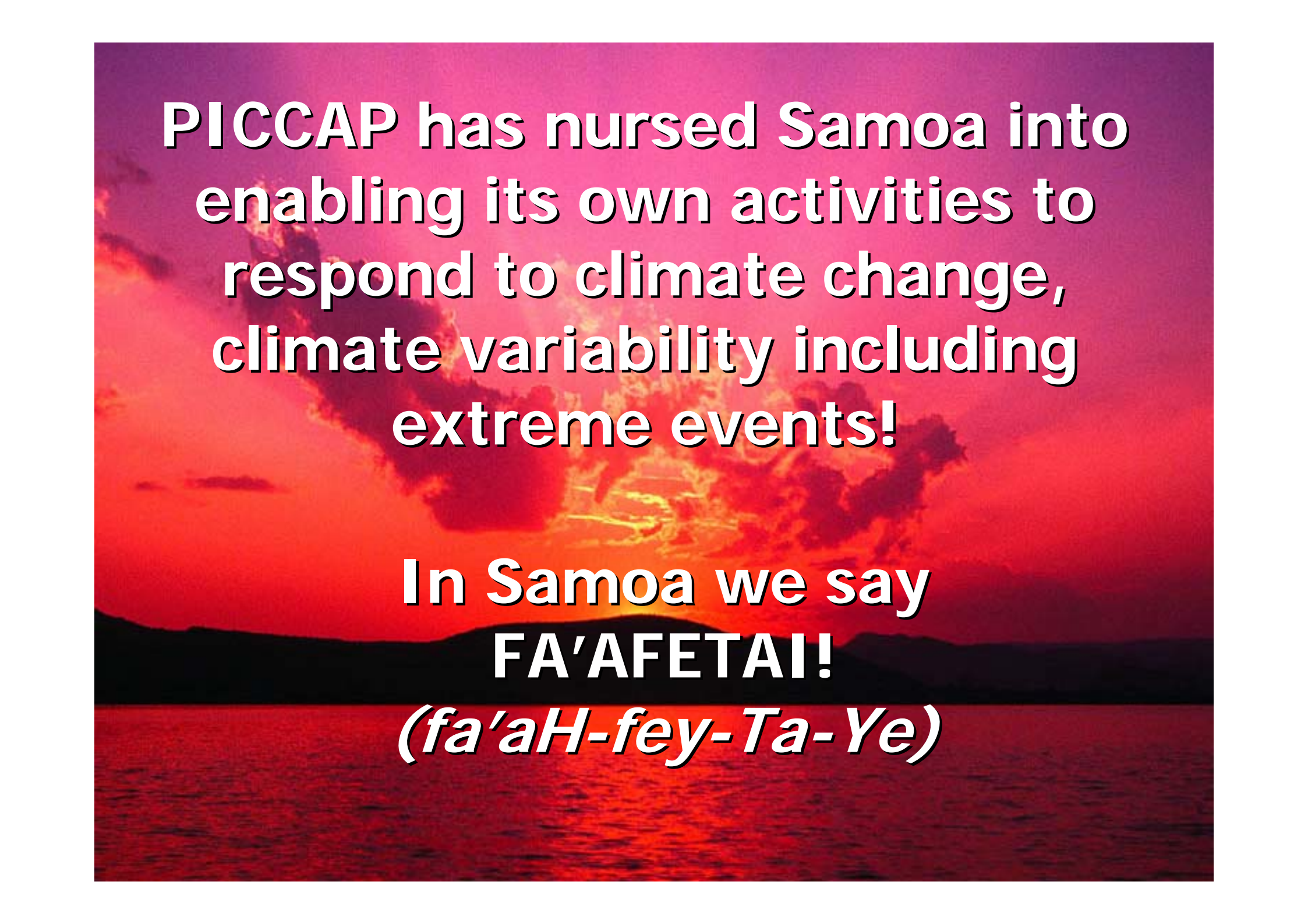
- Compiling the GHG inventory
 - Data collection – ‘most difficult phase’
 - GIS programs (software, etc) not available
 - Difficulty was worth the experience to ensure better quality data in the future
- Other
 - Conflict of interests of sectors with similar responsibilities, authorization and other existing differences in procedures, management resources (eg; Met Division under MAFFM vs Ministry of Natural Resources Environment MNRE)



Samoa after PICCAP

- NCCCT expanded:
 - MNRE, MOH, MOF, MAFFM, MFAT, AG's Office, MOR, MCIT, MWTI, SWA, NGOs (SUNGO, OLSSI); Academic Institutions (National University of Samoa, USP Alafua Campus); Observers (UNDP/GEF, MOF)
- Public Awareness / Media Campaign Programs continuing...
- CLIMATE CHANGE & OZONE AWARENESS DAY 2004
 - 29th September 2004 – this year, next week...
 - Theme: 'We are all responsible'
- Ability to implement Climate Change Proposals, Projects & Activities
 - NAPA (UNDP/GEF), CBDAMPIC (CIDA), PIREP (UNDP/GEF), 2nd National Communication Report to the UNFCCC (UNDP/GEF), SGP Project (UNDP/GEF)
 - Other





**PICCAP has nursed Samoa into
enabling its own activities to
respond to climate change,
climate variability including
extreme events!**

**In Samoa we say
FA'AFETAI!**

(fa'aH-fey-Ta-Ye)