



# Climate Change Adaptation & Disaster Risk Management

## Partnership in Mainstreaming



Espen Ronneberg

*Lima, Peru*

*FCCC Workshop 2011*

# Outline

- 1. Regional and global policy frameworks for DRM and CCA**
- 2. National level mainstreaming through NAPs: Experiences to date**
- 3. Challenges for PICTs and partners/donors**
- 4. Future of mainstreaming CCA/DRM**
  - Integrated implementation - regional and national level mainstreaming
  - Improved coordination and collaboration between regional and national platforms for CCA and DRM
- 5. Recommendations**

## Climate Change Adaptation

## Disaster Risk Management

### Anticipatory

- Crop diversification
- Insurance
- House design
- Policy frameworks
- Rainwater harvesting

### Disaster Risk Reduction

- Building codes
- Irrigation
- Early warning systems
- Poverty reduction strategies

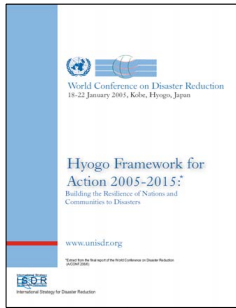
### Reactive

- Crop development
- Relocation
- Reconstruction

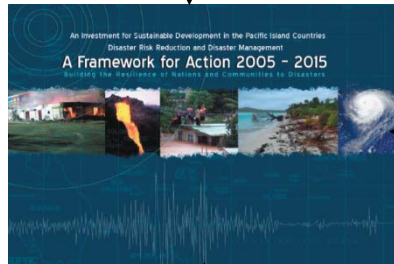
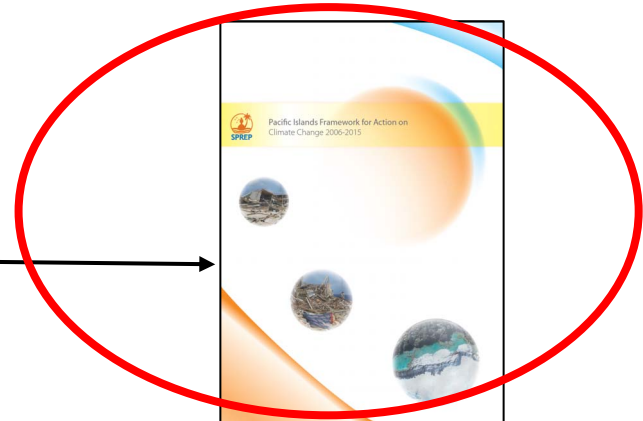
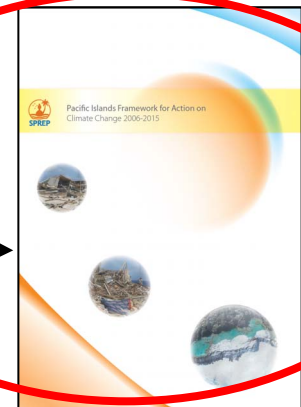
### Disaster Management

- Emergency coordination
- Search & rescue
- Initial damage assessment
- Rehabilitation/reconstruction
- Standard Operating Procedures/plans

# Regional & International Frameworks for DRM & CCA



Hyogo Framework for Action, 2005



Pacific DRR & DM Framework for Action, 2005

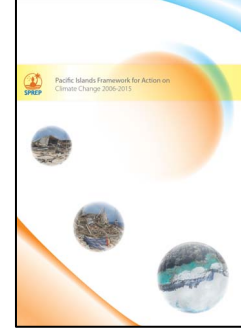
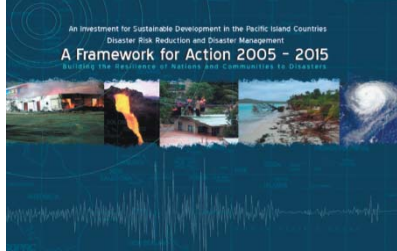


Pacific Plan, 2005



Pacific Islands Framework for Action on Climate Change, 2006





- Theme 1:  
Governance – organisational, institutional, policy and decision-making frameworks
- Theme 2:  
Knowledge, information, public awareness and education
- Theme 3:  
Analysis and evaluation of hazards, vulnerabilities and elements at risk
- Theme 4:  
Planning for effective preparedness, response and recovery
- Theme 5:  
Effective, integrated and people focused early warning systems
- Theme 6:  
Reduction of underlying risk factors

- Principle 1:  
Implementing adaptation measures
- Principle 2:  
Governance and decision making
- Principle 3:  
Improve understanding of climate change
- Principle 4:  
Education Training and Awareness
- Principle 5:  
Contributing to global greenhouse gas reduction
- Principle 6: Partnership and cooperation





# Pacific Disaster Risk Management Partnership Network



World Meteorological Organization  
Weather • Climate • Water

south-pacific.travel  
marketing and developing tourism in the south pacific



Australian Government  
Attorney-General's Department



## PACIFIC CLIMATE CHANGE Roundtable



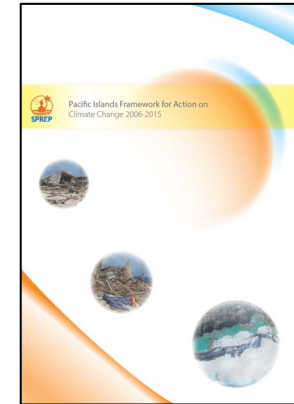
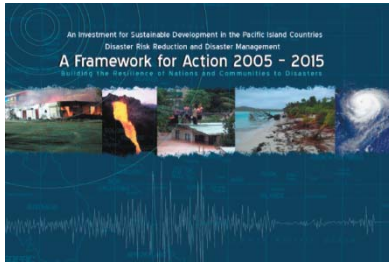
Maddocks



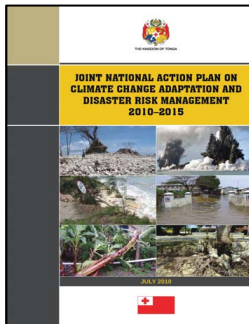
# Challenges for PICTs and partners

- Ownership and leadership of planning and implementation by PICs
  - NAPs are only as good as the people who are driving it
- Capacity at national and regional level
  - Time, human and other resources
- Donor/partner coordination – making sense of what's available to support NAP implementation
- 'Recognition' of NAP and other similar planning processes
- Country level coordination: DRM + CC + all stakeholders
- Sharing of information/information management

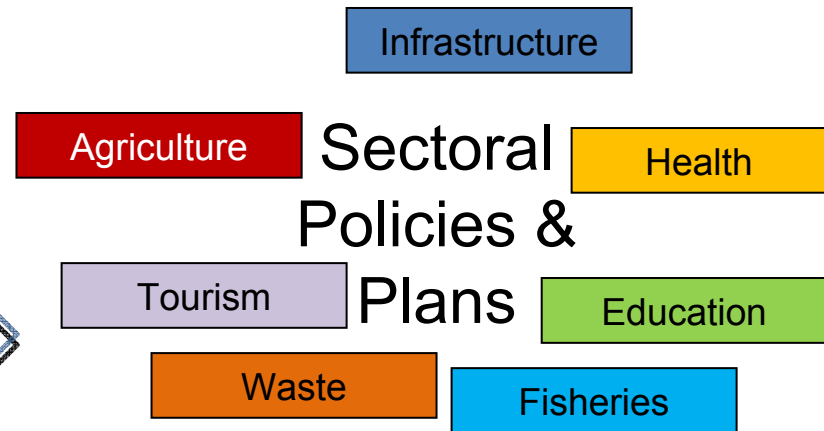
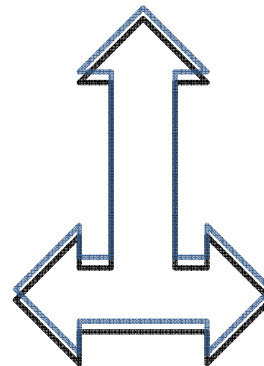
# Future of mainstreaming DRM & CCA – Formal Integrated Implementation of Frameworks (1/3)



Formal Integrated Implementation and not formal integration of frameworks



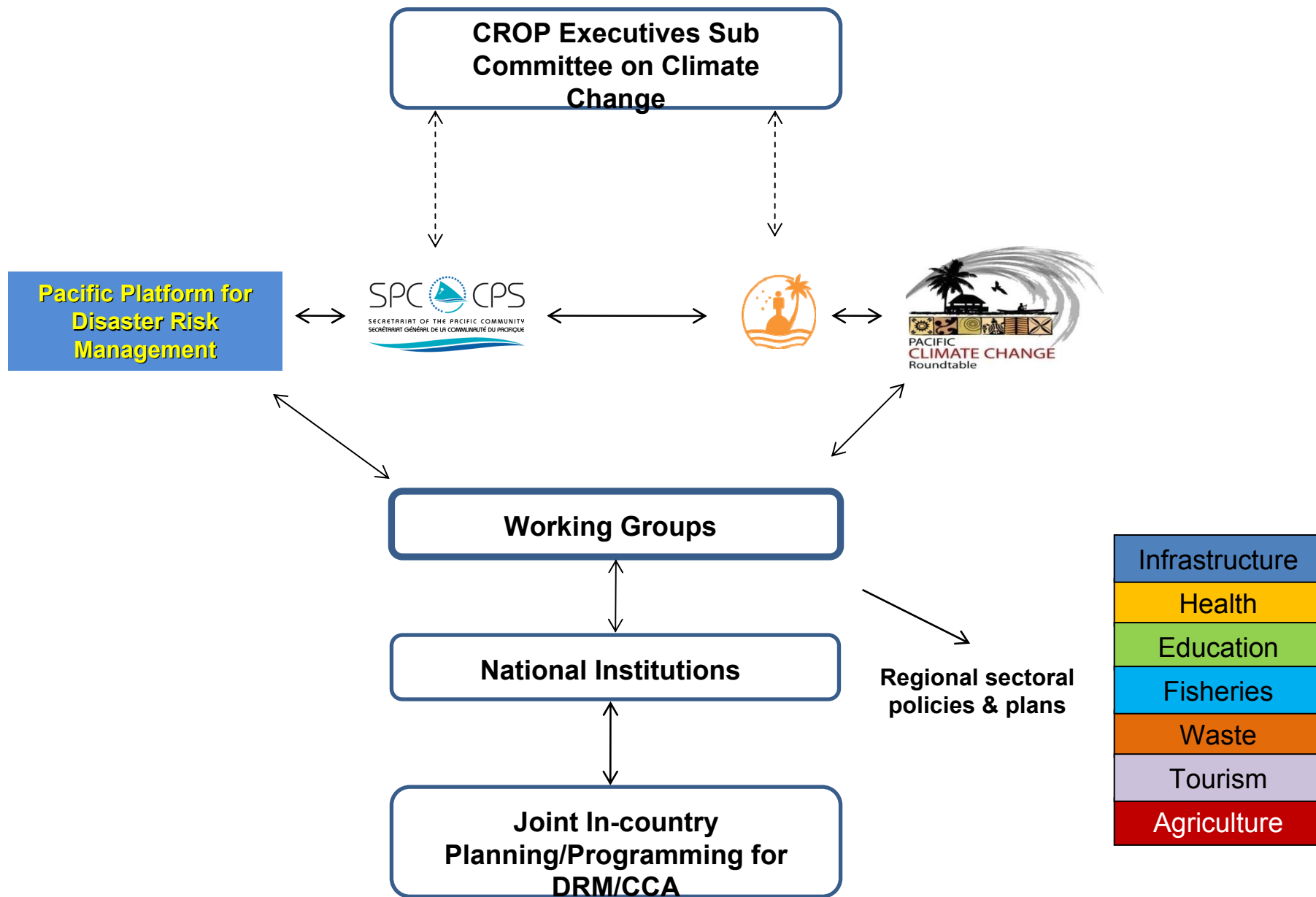
NATIONAL



REGIONAL



# Institutional arrangement for integrated implementation of DRM/CCA (2/3)



# Future of mainstreaming – Joint Meetings of CC and DRM Stakeholders (3/3)

## Pacific Platform for Disaster Risk Management



- Retain separate identity of the existing fora but....
- Conduct a joint meeting every 4 years commencing from 2013
- **2013 Pacific Exposition for Climate Change & Disaster Risk Management**
  - Met Services, Environment, Disaster Managers, Finance/Planning and other sectors, civil society, private sector, local government etc

# Recommendations

1. Consider endorsing formal integrated implementation of the regional frameworks for climate change adaptation and DRM
2. Consider endorsing joint meetings of the regional climate change and DRM community every 4 years starting from 2013
3. Development partners and donors to be encouraged to support integrated implementation of CCA/DRM and recognise JNAPs as planning/programming mechanism endorsed at national level