



Climate Change Adaptation TWG

Focal Points & Partners

<i>Member Country</i>	<i>Focal Points</i>
<i>Indonesia</i>	Sri Tantri Arundhati, M Sc. Assistant to Deputy of CCA <i>Supported by Tri Widayati, Head of Sub Directorate of CCA Tools</i>
<i>Malaysia (Vice-Chair)</i>	National Oceanography Directorate (NOD) Ministry of Science, Technology and Innovation (MOSTI)
<i>Papua New Guinea</i>	Kay Kalim Kumaras, Director, CEPA <i>Supported by Luanne Losi-Yawingu, Senior Policy Analyst, OCCD</i>
<i>Philippines</i>	Luz Baskinas, Vice President for Project Development and Grants, WWF
<i>Solomon Islands (Chair)</i>	Agnetha Vave-Karamui, Chief Conservation Officer, MECDM <i>Supported by Nelly Kere and Malachi Bate'e, CCD</i>
<i>Timor-Leste</i>	Rui do Reis Pires, Fisheries Resources Management Investigation and Aquatic Department
<i>Partners</i>	WWF

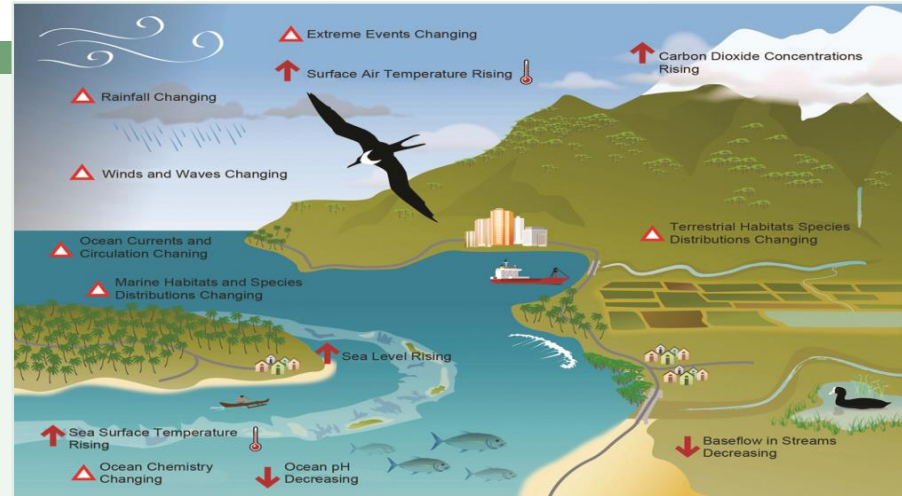
OUTLINE

- Why Climate Change?
- CCA Goals and Targets
- Brief Background of CCA WG
- Decisions endorsed by SOM 10
- Status of Accomplishment of Priority Activities
- Indicators
- Accomplishments for 2015
- Challenges
- Work Plan for 2016
- Recommendations for SOM Consideration



Climate Change impacts in the Coral Triangle

- Many coastal communities in the Coral Triangle are already experiencing the impacts of climate change. **Climate change issues include:**



- ***Health and safety concerns from severe storms and coastal inundation***
 - ***Damage to coastal infrastructure from flooding, coastal erosion, and severe storms***
- ***Changes in fish species composition and distribution from changing oceanographic conditions***
 - ***Habitat degradation associated coral bleaching from periods of increased sea surface temperature***

CCA GOALS AND TARGETS

Goal 4: Climate change adaptation measures achieved

Target 1: By 2015, full implementation of REAP for climate change adaptation for the near-shore marine and coastal environment and small island ecosystems developed and implemented (Priority Focus – 2010-2019)

RA 1: By 2011, identified the most important and immediate adaptation measures that should be taken across all CT countries, based primarily on analyses using existing models

RA 2: By 2011, identified the most important and immediate adaptation measures that could be taken in each CT country

RA 3: By 2015, completed and fully implemented the Region-wide Early Action Plan for CCA

RA 4: By 2011, conducted capacity needs assessment and developed capacity building programs on climate change adaptation measures

RA 5: By 2011, mobilized financial resources to implement Region-wide Early Action Plan for CCA

Target 2: By 2013, networked National Centers of Excellence on climate change adaptation for marine and coastal environments are established and in full operation (Priority Focus – 2013-2019)

RA 1: By 2014, collaborated around the design and implementation of a Pilot Phase for National Centers of Excellence

BRIEF BACKGROUND OF THE WG



- × Conducted 3 Regional CCA Exchanges (Indonesia, Solomon Islands, Timor-Leste)
- × Carried out 2 Regional CCA Training Courses (PNG, Philippines)
- × Conducted CCA TWG meetings and conference calls
- × Developed Regional plan and guidance (REAP and LEAP)
- × Pilot Projects for LEAP Implementation
- × Developed and integrated M&E System Indicators for CCA in CT Atlas
- × Conducted Blue Carbon Workshop at WCRC



DECISIONS ENDORSED BY SOM10 (2014)

- **Noted** the need for more coordinated and timely flow of reports on regional CCA-related activities from countries to CCA WG and to Regional Secretariat (or CT Atlas on behalf of the Regional Secretariat) as defined in the M&E Operations Manual
- **Acknowledged** support provided by WWF for the operation, maintenance and coordination of the WG i.e. hosting of conference calls
- **Requested** partners to clarify support for CCA actions and activities
- **Tasked** the Secretariat to assist the CCA WG in securing funding and technical support for CCA priority actions
- **Tasked** CCA WG to continue updating its database and provide deeper analysis on the status of CCA implementation in the next SOM.
- **Endorsed** the conduct of pending CCA activities e.g. Regional Exchange on Centers of Excellence and other CCA regional priorities

STATUS OF ACCOMPLISHMENTS OF PRIORITY ACTIVITIES

	Regional Activities/Actions	Status as of 2015
Target 1: RA3: Complete and implement a REAP for Climate Change Adaptation		
<ul style="list-style-type: none"> • Develop regional guidelines and gather baseline data for damage/loss accounting (e.g. from coral bleaching, typhoons) of marine ecosystems (MPA and fisheries) to access recovery funds 	<ul style="list-style-type: none"> • Compile and review existing guidelines and baseline assessment and rehabilitation methodologies 	Not started
	<ul style="list-style-type: none"> • Develop damage assessment and valuation monitoring guidelines 	Not started
	<ul style="list-style-type: none"> • Develop draft and final regional guidelines 	Not started
	<ul style="list-style-type: none"> • Assess feasibility of establishing a CT Rehabilitation Fund (CTRF) (as part of CTI development fund) check with FRWG 	Not started
Target 1, RA4: Conduct capacity needs assessments and develop capacity building programs on climate change adaptation measures		
<ul style="list-style-type: none"> • Share and continue to develop regional capacity to conduct vulnerability assessment using a variety of available methodologies and tools 	<ul style="list-style-type: none"> • Conduct annual regional training course on CCA vulnerability assessment and planning based on LEAP Guide and other methodologies and tools 	Ongoing
	<ul style="list-style-type: none"> • Conduct a Regional CCA Forum to share vulnerability assessment methodologies and results of CCA programs 	Ongoing (ADB RETA - CC Component)
<ul style="list-style-type: none"> • Acquire Global Mangrove Information System (GLOMIS) data from International Society for Mangrove Ecosystems 		Ongoing (CT Atlas)
<ul style="list-style-type: none"> • Post all VA methodologies and other tools for CCA used in the CT on CTI website, use filtering system/description to tag how tools are used 	<ul style="list-style-type: none"> a. Establish and maintain a CCA Virtual Forum for knowledge management on CCA learning, tools, products, and case studies developed in the Coral Triangle as part of CTI website with links to national CT country at centers and other CCA knowledge portals 	Ongoing

STATUS OF ACCOMPLISHMENTS OF PRIORITY ACTIVITIES

	Regional Activities/Actions	Status as of 2015
Target 1, RA5: Mobilize financial resources to implement REAP for Climate Change Adaptation		
<ul style="list-style-type: none"> • Access CCA Marketplace for project funding 	<ul style="list-style-type: none"> • Conduct regional training/workshop for CT6 on developing proposals for funding CCA Projects 	On going Conducted for 3 countries in 2013
	<ul style="list-style-type: none"> • Post CCA project proposals on the CCA Marketplace 	Ongoing (Low)
	<ul style="list-style-type: none"> • Identify other funding sources for CCA projects 	Ongoing (Low)
	<ul style="list-style-type: none"> • Conduct meeting with other Goals to evaluate funding status 	Ongoing (Low)
Target 2, RA1: Collaborate around the design and implementation of a Pilot Phase for National Centers of Excellence		
<ul style="list-style-type: none"> • Establish national institutions as Centers of Excellence (existing offices/agencies/research institutions) to address climate change adaptation 	<ul style="list-style-type: none"> • Conduct regional workshop to proposed /existing national institutions to share and define criteria/benchmarks/TOR for COE 	Started (Concept Note)
	<ul style="list-style-type: none"> • Develop common set of guidelines for strengthening COE and a regional networking action plan 	Not Started
	<ul style="list-style-type: none"> • Identify and establish a COE at national level in each country based on the guidelines 	Ongoing
	<ul style="list-style-type: none"> • Develop regional/national incentives for achieving COE standards 	Not Started
<ul style="list-style-type: none"> • Provide information on climate impacts and adaptation in the Coral Triangle region to the next IPCC report and process 	<ul style="list-style-type: none"> • Conduct a workshop of regional network of COE to develop a 5-year plan to compile and publish climate science and adaptation case studies as input to the next IPCC report 	Not started
	<ul style="list-style-type: none"> • Conduct annual workshop to share climate science and adaptation case studies and monitor progress against the 5-year plan 	Not started

CROSS-CUTTING THEMES/MECHANISMS

Activities/Actions	Status
<ul style="list-style-type: none">• Maintain regional information exchange and operation of CCA TWG with other thematic groups	Ongoing (low)
<ul style="list-style-type: none">• Organize periodic networking events to share CCA scientific advances and best practices	Ongoing (low)
<ul style="list-style-type: none">• Develop an Executive Course on CCA based on the LEAP Guide for local government	Not started

CCA INDICATORS

Indicator 4.1.1: Number of regional agreements/frameworks/strategies/plans (e.g. REAP) developed

2011:

- Joint Communiqué on Climate Change (*Submitted during UNFCCC COP19, Copenhagen. Denmark*)

2012:

- Region-wide Early Action Plan on Climate Change Adaptation (REAP)

2013:

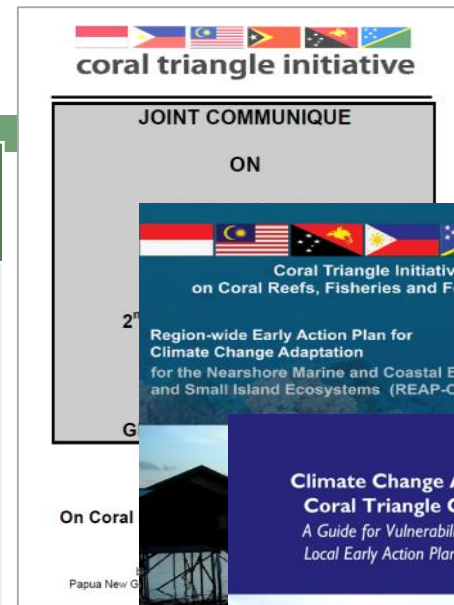
- Local Early Action Planning (LEAP) Guide
- CCA Regional Priorities
- Development of Adaptation Marketplace

2014

Statements on Climate Change in World Parks Congress 2014

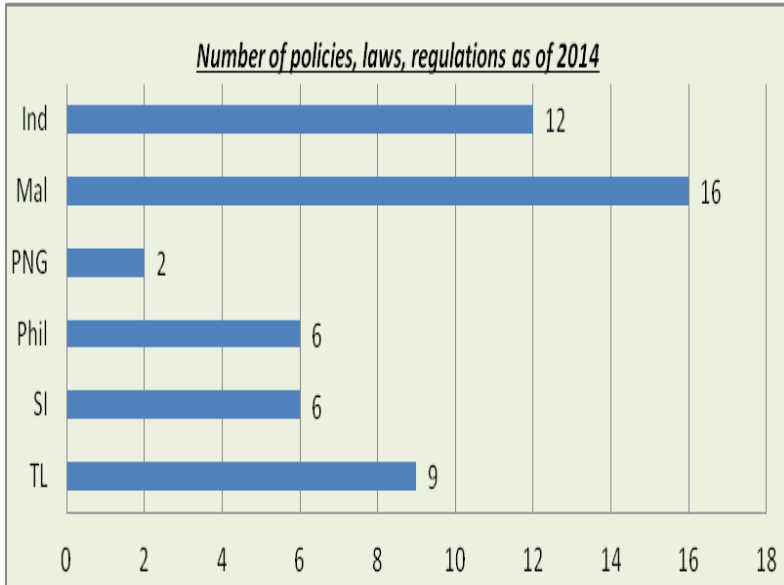
2015

Side event during UNFCCC "Pathways to Climate Change: Financing for Small Islands Developing States"
3 Dec 2015



Adaptation Marketplace
LINKING CLIMATE ADAPTATION PROJECTS & FUNDS

CCA INDICATORS



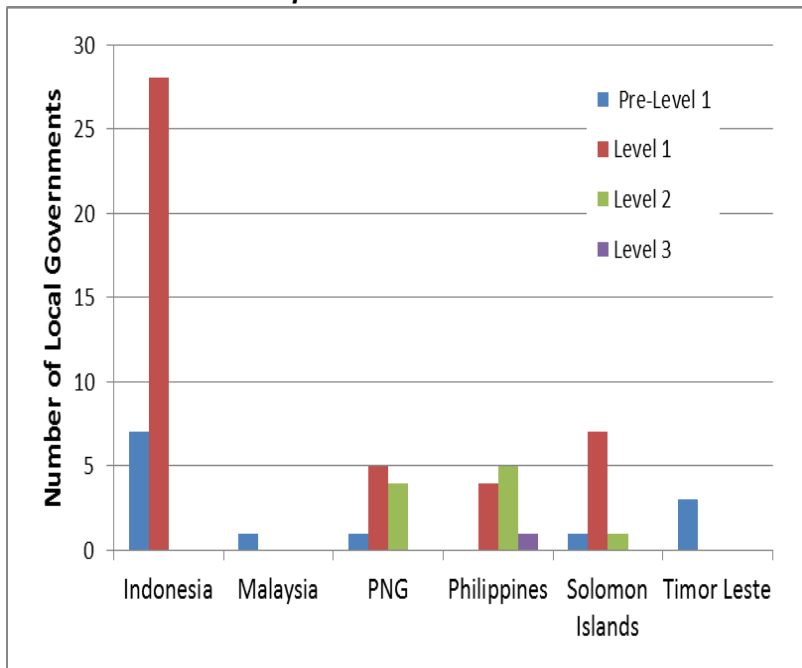
Indicator 4.1.2: Number of national policies (including national CCA plans and frameworks), laws and regulations on climate change adaptation proposed and adopted

2010- 2014 – 57 >>>> 2015 Target – 15

Achieved - 4

CCA INDICATORS

Number of local governments integration of climate adaption into local plans/actions as of 2014.



Indicator 4.1.3: Percentage of local governments that have integrated climate adaptation into local governance (plans and actions)

2014 – 6%

2015 Target – 39 %

Indonesia	30 Level 2
Malaysia	5 Level 1
Papua New Guinea	need data
Philippines	408 LGUs Level 3 About 817 LGUs Level 2 409 LGUs Level 1
Solomon Islands	2 Level 3 3 Level 2 4 Level 1
Timor-Leste	need data

CCA INDICATORS

CCA Indicators	Status as of 2013	Target for 2015	Status as of 2015
Indicator 4.1.4: Area of Mangroves (hectares)	-	-	
Indicator 4.2.1: A national institution within CT6 designated and networked to address climate change adaptation coordinated with national government support	0	6	Phil - 2 Mal - 1 SI - 1 Ind - 2 TL - need data PNG- need data

ACCOMPLISHMENTS FOR 2015

1. Revitalized regular CCA TWG calls
2. Drafted CCA Tracking Form and reporting template to track CCA activities and report progress
3. Drafted concept note on COE with focus on the role of COE in advancing CCA actions and programs within CTI
4. Drafted a PACAM concept note for the establishment of Help Desk in SI and PNG

CHALLENGES

- No funding for the implementation of regional priority actions as outlined in the RPOA and RPW-2
- Limited partners providing technical assistance to CCA and provide the facility for call meetings (no partner committed to support the program activities)
- Communication (regular calls, non-participation, network difficulties, delayed feedbacks from members on important decisions)
- Time/availability of focal points
- How to operationalise and sustain the CCA Market Place



WORK-PLAN FOR 2016

<i>Planned Activities</i>	<i>Timeframe</i>
Conduct regular WG call meetings to keep everyone updated and to encourage sharing of ideas and practices	Bimonthly
Finalize the reporting format to be used to track CCA activities and to report progress to SOM as well as the reporting frequency	By end of Mar 2016
Conduct workshop to finalize the COE	April 2016
Finalize the COE concept note, design, criteria and TOR which was drafted by WWF and initiate steps for the establishment of national COEs	By May 2016
Develop an Executive Course on CCA based on the LEAP Guide for local government in collaboration with LGN	By end of 2016
Pursue any opportunities for funding CCA program activities such as the pending CCA REX, operationalize the MP, conduct of trainings	Ongoing
Conduct CCA REXs, trainings, etc	Ongoing

RECOMMENDATIONS for SOM11 Consideration

1. **Acknowledge** the CCA Technical Working Group report.
2. **Note** the immense need for financial, technical support and strong engagement by TWG members in order to implement the regional priority actions as outlined in the RPOA and RPW-2.
3. **Task** the Regional Secretariat to assist the WG to secure funding support for all pending program activities.
4. **Endorse** WWF to work with TWG and Regional Secretariat in developing the concept notes to REX on Center of Excellence and for Pacific American Climate Fund (PACAM) for securing financing systems for Climate Change Adaptation Market Place.
5. **Endorse** CCA WG 2016 Work Plan.



Terima kasih – Maraming Salamat – Terima Kasih – Tangio Tumas – Obrigado – Tank iu



**CORAL TRIANGLE
INITIATIVE**

ON CORAL REEFS, FISHERIES AND FOOD SECURITY

