

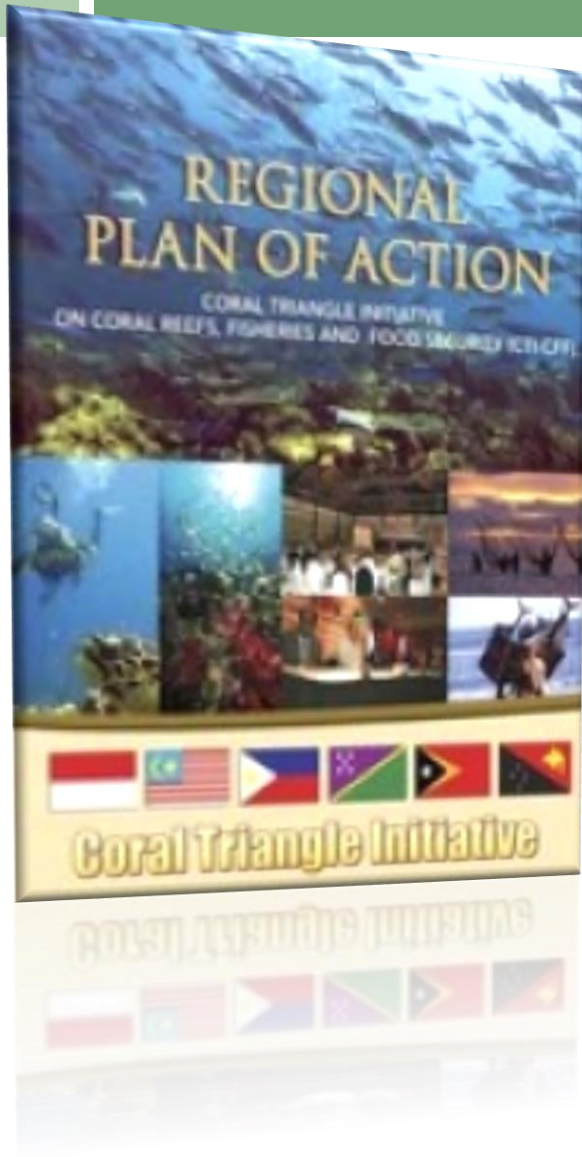


**ADB Presentation to the Senior Officials Meeting (SOM 13)
Coral Triangle Initiative on Coral Reefs, Fisheries and
Food Security (CTI-CFF), 30 November 2017**



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

Review of ADB Direct Participation in CTI-CFF



RETA 7813: Strengthening Coastal and Marine Resources Management in the Coral Triangle: Southeast Asia - (\$ 11.2 mil)
Countries: MAL-INO-PHI

RETA 7753: Strengthening Coastal and Marine Resources Management in the Coral Triangle of the Pacific - (\$ 13.1 mil)
Countries: PNG-SOL-TIM-FIJ-VAN

Loan /Grant: Philippines: Integrated Natural Resources and Environmental Management Project (INREMP) - (\$154.1 mil, with IFAD)

Loan / Grant: Indonesia: Coral Reef Rehabilitation and Management Program – Coral Triangle Initiative Project (COREMAP-CTI) (\$ 64.0 mil)



CORAL TRIANGLE INITIATIVE
ON CORAL REEFS, FISHERIES AND FOOD SECURITY

CTI- SEA Project Site Interventions

PHILIPPINES:

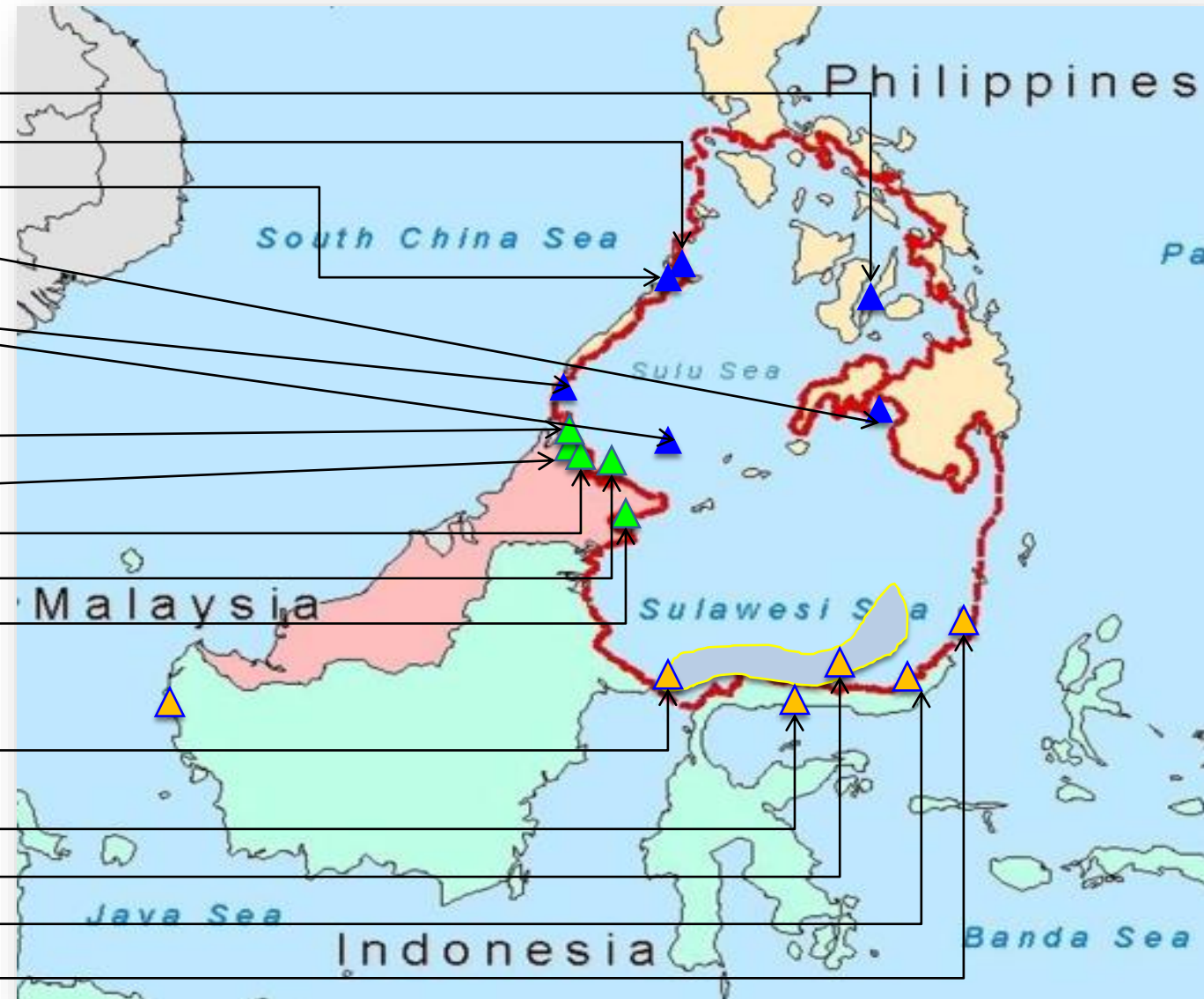
- General Management Plan in Tañon Strait
- CCA in Taytay, Palawan
- Payment for Ecosystem Services in Taytay, Palawan
- EAFM in Dumaquillas Bay, Zamboanga del Sur
- VA/CCA in Balabac, Palawan
- Network of MPA in Turtle Islands Wildlife Sanctuary

MALAYSIA:

- Sea Cucumber Farming in Pitas District
- Integrated Coastal Zone Planning in Marudu Bay
- Community-based Ecotourism in Kudat district
- CCA in Turtle Islands Park
- EAFM in Semporna

INDONESIA:

- Development of Alternative Gears to Reduce Turtle By Catch in Sebatik Strait, North Kalimantan
- Policy on Live Reef Food Fish Trade (National Application)
- EAFM in Kwandang Bay, Gorontalo Province
- CCA in RapRap, Arakan and Sondaken in South Minahasa
- MPA in Sangihe, North Sulawesi



CTI-Southeast Asia: Some key achievements



- NCCs strengthened with respect to policies and program implementation for effective integrated coastal and marine management
- Capacity building delivered in EAFM, CCA, MPAs and Seascape management at 16 sites in INO, MAL and PHI – around 4000 people (40% female) trained
- Successful community-based engagement and actions in environmental rehabilitation and climate change adaptation (CC
- Youth and schools mobilized for information campaigns and CCA activities
- NPOA costing completed; some investment opportunities identified
- Best practices and technology innovation disseminated: e.g. climate-smart, salt tolerant rice varieties developed by International Rice Research Institute introduced at project site. Potential scaling up



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

CTI-SEA: Indonesia

DISASTER RISK reduction management

Community members making a 3-D map of their village identifying escape routes in case of flooding and tsunami.



Students participating in emergency drills.



Community-based SOLID WASTE MANAGEMENT

Information on proper sorting and buying price of various plastic waste products.



A buyer from a city that is 2-hours from the village sends trucks to purchase waste plastics.



CTI-SEA: Malaysia

WOMEN in Action



One of the women beneficiaries in sea cucumber culture showing off her produce

NATURAL AND CULTURAL BEAUTY in community-based ecotourism

Cruising along the scenic river where one could watch locals catching crabs, shrimps and fish the traditional ways.



A young “Rungus Boy” in his colorful attire during a traditional dance



CORAL TRIANGLE INITIATIVE
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

CTI-SEA: Philippines

REGAINING FARMLANDS



Rice fields affected by salt-water intrusion regained their productivity with introduction of salt-tolerant rice varieties from IRRI.

SUSTAINABLE FINANCING



A coral and giant clam garden was established in front of a private resort. Visitors will pay fees for the experience in coral planting, and proceeds will be shared by the resort owner, the local dive guide, and the municipal government.



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

CTI-Pacific: Progress to date



- Ongoing support to CTI-CFF National Coordinating Committees on capability-building in effective coastal and marine management
- Strengthen monitoring and evaluation system to further improve implementation of project investments
- Develop and implement information, education and communications (IEC) country action plans
- Five sub-projects ongoing in 3CT countries plus VAN and FIJ



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

CTI-Pacific: Sub-project actions

- PNG: i) fisheries management options, stock assessments, clam farming; ii) resource appraisal / mapping (10 sites); iii) deployed fisheries aggregating device; iv) gillnet exchange program assessed, v) catch effort data protocol, etc [**WCS collaborating partner**]
- SOL: i) provincial fisheries profiles, ii) drafting of a provincial ordinance on PA network, iii) community-led protection of LMMAs (Paleohau, Ambitona and Surairo) iv) data collection and knowledge management etc [**WorldFish collaborating partner**]
- TIM: i) district-level co-management in 4 communities ii) training and development iii) deployed 4 FAD units in 4 communities (Usubemaco, Biqueli, Adara, Baroana) [**Conservation International collaborating partner**]



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

INREMP: Progress to date

- Watershed management and investment plans for 23 project sub-basin at 4 main project sites in the Philippines in early draft stages
- Pilot reforestation / afforestation, assisted natural regeneration, agro-forestry and commercial tree plantation activities are ongoing in some of the project areas
- GIS and spatial mapping work at project sites is ongoing
- Implementation has been slow due to a number of factors. Following recent joint review, discussions are ongoing with Government of Philippines to restructure the project



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

COREMAP-CTI: Progress to date

- Of 10 target MPAs, three national MPAs' operational management plans approved by MMAF. Management plans for two district MPAs (Nias Utara and Mentawai, now under the provincial authority) in process of approval and legalization by MMAF
- Five other MPAs have their draft management plans waiting for the Governor's endorsement. Three national MPAs have improved their scoring from red to yellow and green level, while the remaining 7 district MPAs are at various stages in green and yellow level.
- The outcome targets are 10 MPAs in blue or green level by 2018. Achievement of the outcome indicators requires MPA operational standard and management plan to be implemented, including the social, cultural, and economy aspects The national rating of MPA, starting from lowest to highest rating: red, yellow, green, blue, and gold
- Based on request from the EA, and agreed by Government of Indonesia, loan will be cancelled. Government proposed restructuring the grant portion of project

Main implementation challenges

- Need for continuous capacity building across national /sub-national and community-based institutions
- High costs of support, monitoring and coordination across large, diverse geographies – as CTI-CFF consists of 2 distinct sub-regions
- CTI-CFF viewed as fisheries conservation initiative – links to economic development less well understood
- CTI-CFF institutional framework is complex. RPOA /NPOAs need updating and costing to make investments relevant
- Project-based financing not the best solution to long term sustainability. Need to seriously advance financial architecture and resource mobilization



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

Updates From SOM 12



Acknowledged the status of the ADB / GEF concept on “Scaling Up Investments and Sustainable Financing Mechanisms in Coral Triangle” (Chairman Summary Decision 11.2.5)

- GEF Secretariat requested that the proposed project be linked to an ADB baseline investment
- In October 2016, GEF reported that due to exchange rate movements, there was a need to manage a shortfall of \$616.5 million. A decision was taken at the 51st GEF Council meeting to manage the shortfall by implementing a 16% ‘haircut’ across the entire portfolio. The GEF International Waters team asked if the proposed ADB/GEF concept could be placed in the pipeline under the GEF 7 cycle – which would start in July 2018.



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

Thank you

For additional information:

*Mr Hideki Matsuda
Water Resource Specialist
Environment, Natural Resources & Agriculture Division
Southeast Asia Department
Asian Development Bank
hmatsuda@adb.org*



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY