



CORAL TRIANGLE
INITIATIVE
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY



CORAL TRIANGLE INITIATIVE:

Regional Approach for Food Security, Sustainable Livelihoods, Marine Biodiversity & Climate Change

SHARIFAH NORA SYED IBRAHIM, PhD (nora@cticff.org , noraibrahim808@gmail.com)

Deputy Executive Director for Program Services, CTI-CFF Regional Secretariat

International Conference on Regional Cooperation for the Protection of the Marine Environment, 15-16 January 2019| CIL NUS, Singapore



OUTLINE

- 1. Background History of CTI-CFF**
- 2. Institutional Arrangement & Membership**
- 3. Challenges**
- 4. Overall impacts of mechanism**
- 5. Identification of possible Best Practices**



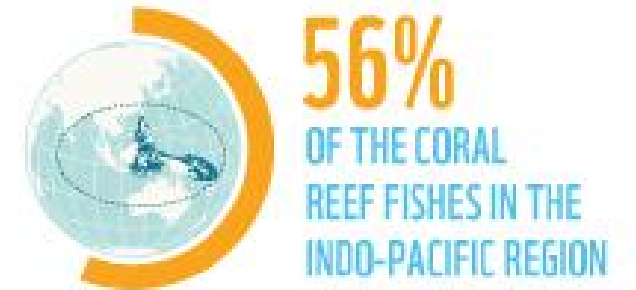
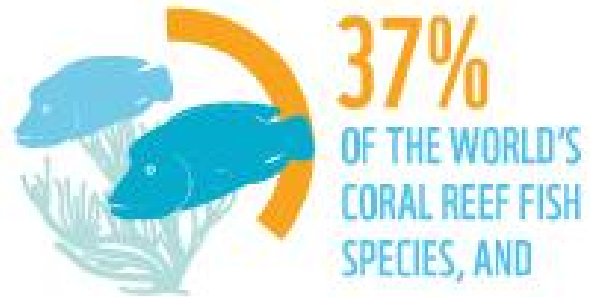
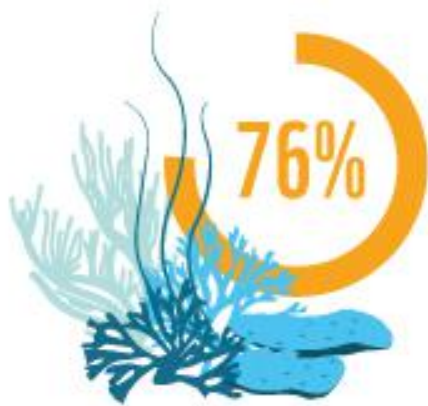
**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY

Background History of CTI-CFF

FACTS

**Coral Triangle is the
centre of global
marine biodiversity**

THE CORAL TRIANGLE HAS MORE CORAL REEF FISH DIVERSITY
THAN ANYWHERE ELSE IN THE WORLD:



6 of the world's 7

MARINE TURTLE SPECIES ARE FOUND IN THE CORAL TRIANGLE



LEATHERBACK



GREEN
TURTLE



HAWKSBILL



OLIVE
RIDLEY



LOGGERHEAD



FLATBACK



KEMP'S
RIDLEY



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

CTI HISTORY in a Nutshell/Seashell



- 2006: - SSME, etc
 - 2007: - President of Indonesia called on States adjacent to Coral Triangle to formally endorse the ***Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF)***
 - 2008 - Key NGOs and USAID etc launched Coral Triangle Support Project (CTSP), SINGAPORE hosted the Panda Ball raising awareness in CT
 - 2009 - CTI Leaders Summit in Bali. CTI Leaders Declaration on CTI-CFF signed: Indonesia, Malaysia, Papua New Guinea, Philippines, Solomon Islands and Timor Leste.
A 10-year Regional Plan of Action (RPOA) was adopted.
 - 2011 - 28th Oct. 2011, Jakarta: The 6 countries agreed on ***The Agreement on the Establishment of the Regional Secretariat of the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security.***
- (Interim Regional Secretariat based in Jakarta ran for a few years until 2015 as ED is appointed)
- 2015 – 1 April – The first Executive Director of the CTI-CFF Regional Secretariat was appointed.
 - 2015 - 1 Dec 2015 - *Host Country Agreement (HCA)* between RS CTI-CFF and The Government of Republic of Indonesia on Privileges and Immunities was signed in Manado.
 - 2016 – The Regional Secretariat moved to Manado.



The CTI-CFF is a multilateral partnership between the governments of Indonesia, Malaysia, Papua New Guinea, Philippines, Solomon Islands and Timor-Leste

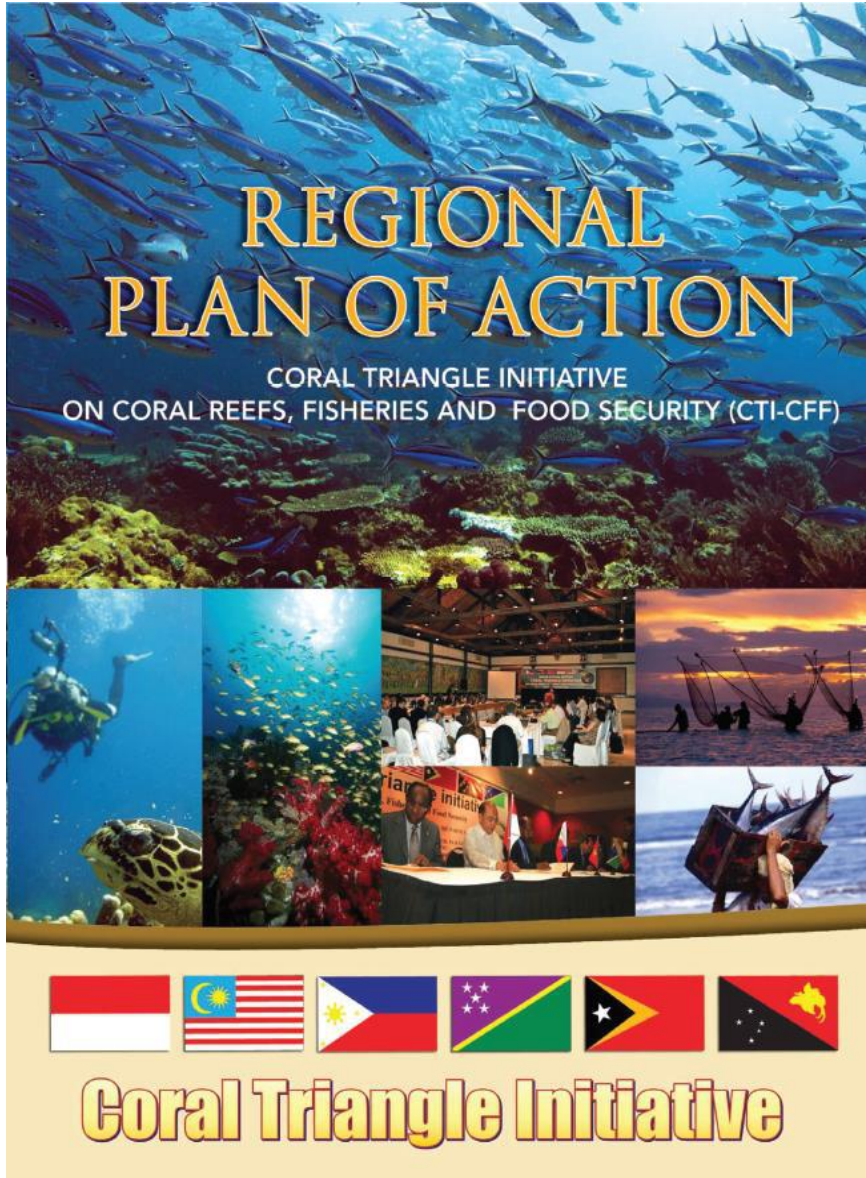
Arguably the first multilateral cooperation of its kind then, focuses on food security and sustainable livelihoods through sustainable management of marine natural resources taking into consideration climate change impacts.

People-centered biodiversity conservation, sustainable development

Poverty reduction – via economic development, food security, sustainable livelihoods for coastal communities and biodiversity conservation through the protection of species, habitats and ecosystems

In 2009, CT6 agreed on a 10-year CTI-CFF Regional Plan of Action (CTI RPOA)
In 2019, CT6 is currently performing a review of the CTI RPOA

2009 -2019



5 RPOA Goals/Technical WGs

GOAL 1: Priority Seascapes Designated and Effectively Managed

GOAL 2: EAFM and other marine resources fully applied

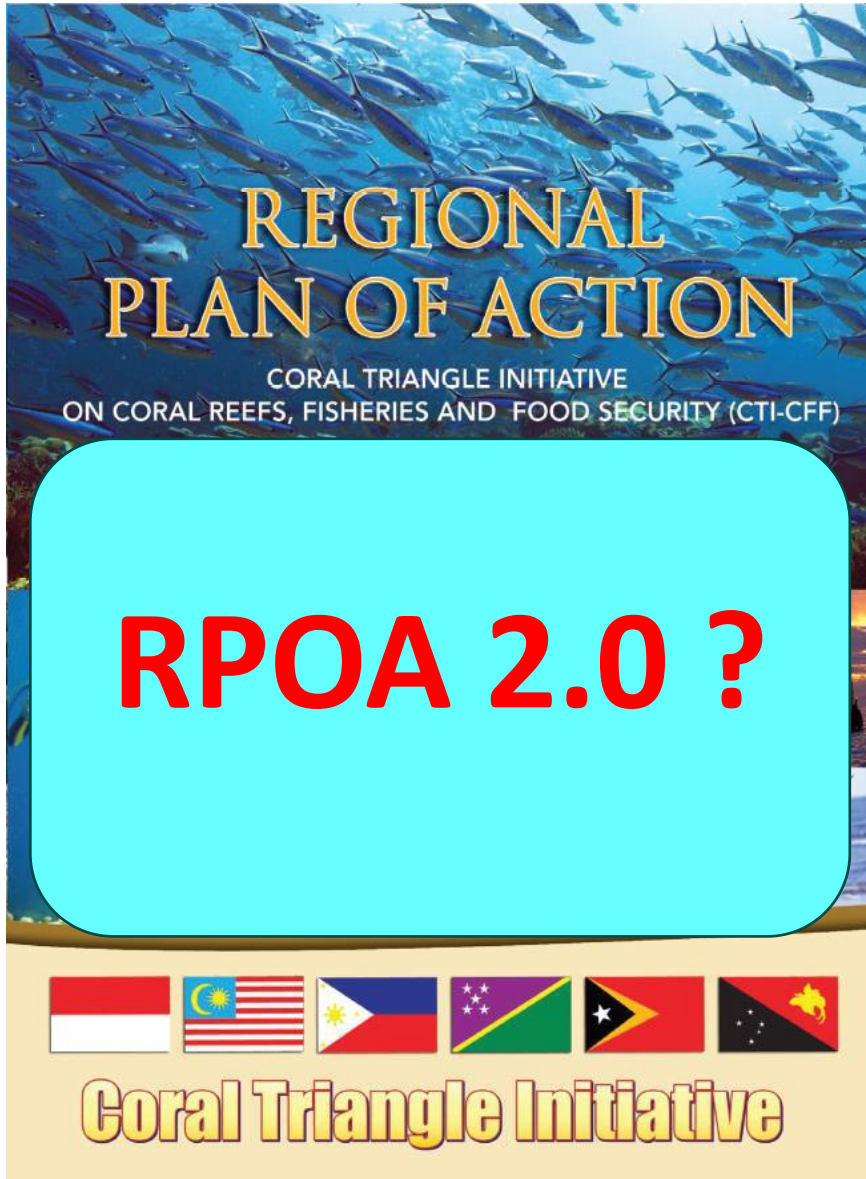
GOAL 3: MPAs established and effectively managed

GOAL 4: Climate Change Adaptation Measures Achieved

GOAL 5: Threatened Species Status Improving



Ver. 2.0 Goals/Technical WGs ?



GOALS 1 - 5: ?
MPA, GCA, TS?
Emerging Issues as
Plastics?

Seascape, EAFM,
Marine Litter?

NEW Goals?
Ridge to Reef

Waste Management?

Other NEW Goals? Maritime? Shipping?

?

?



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

Institutional Arrangement and Memberships

CTI-CFF REGIONAL SECRETARIAT

The permanent CTI-CFF Regional Secretariat(RS) officially established with the appointment of the first Executive Director in April 2015.

The RS is located in Manado, Indonesia.



Coral Reefs, Fisheries and Food Security (CTI-CFF) Implementation Area



CTI-CFF Implementation Area

This boundary is based on the Exclusive Economic Zones (EEZ) of the CTI countries. EEZ source data from Flanders Marine Institute (VLIZ) 2011. Note that internal boundaries are not shown, disputed boundaries exist in this geography, a boundary for Brunei is not known, and Singapore and Brunei are not members of the CTI-CFF. Boundaries are only for illustration and are not legally binding in any way.

Coral Triangle Scientific Boundary

Veron et al 2009

500

Kilometers

CTI-CFF Member States, Partners and Cooperation Arrangement

Member States

INDONESIA	MALAYSIA	PAPUA NEW GUINEA	PHILIPPINES	SOLOMON ISLANDS	TIMOR-LESTE
					
					
KEMENTERIAN KOORDINATOR BIDANG KEMARITIMAN	Ministry of Science Technology and Innovation	Conservation and Environment Protection Authority	Department of Environment and Natural Resources	Ministry of Environment, Climate, Disaster Management and Meteorology	Minister of Agriculture and Fisheries

National Coordinating Committee (NCC)

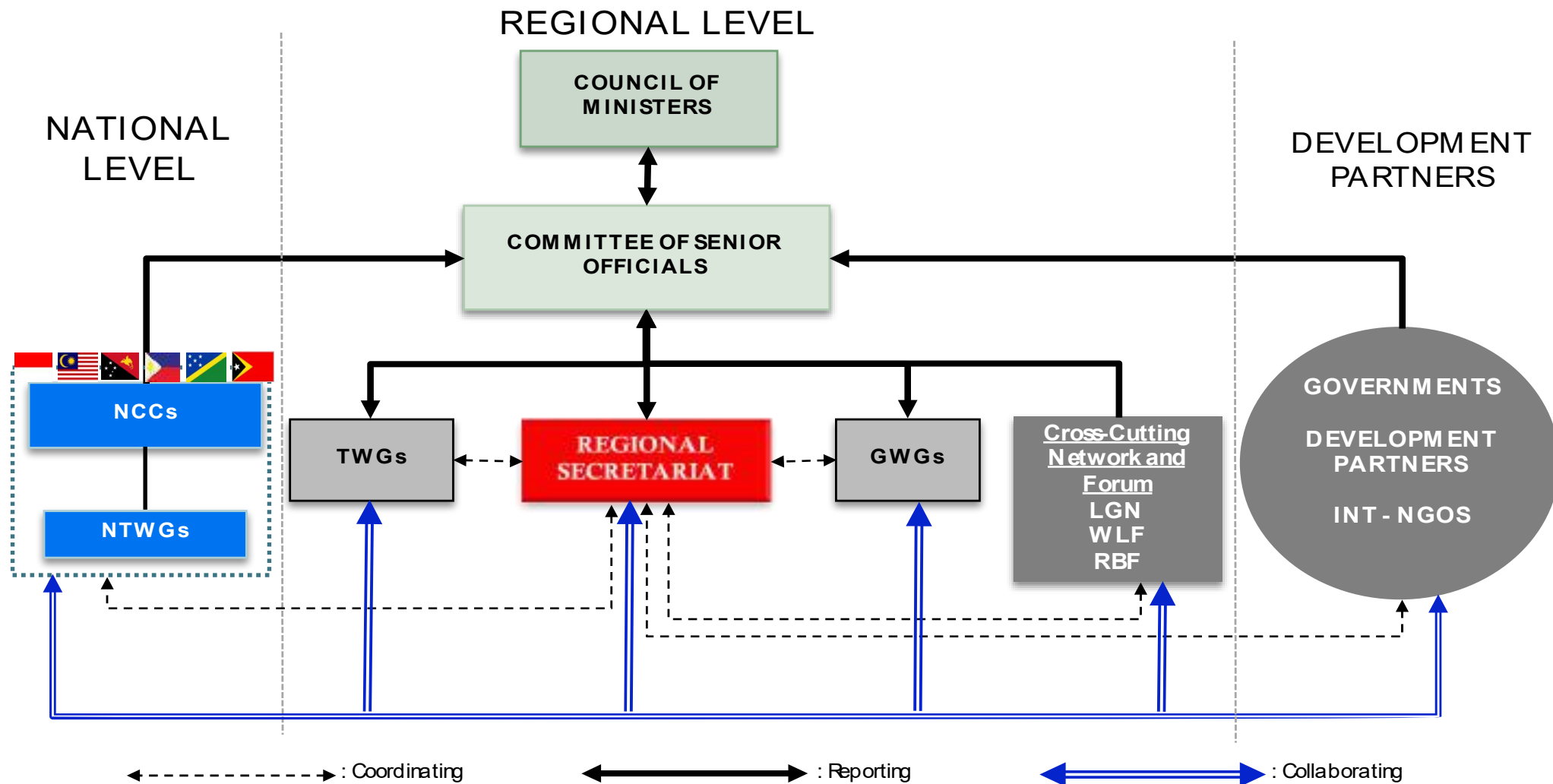
CTI Partners



Cooperation Arrangement (i.e. MoU)



INSTITUTIONAL ARRANGEMENTS



The CTI-CFF Management Operation

CTI COM

CTI-CFF Council of Ministers (COM)

- The highest formal decision-making body of the initiative
- Has the power to adopt and approve CTI-CFF resolutions at Ministerial Meetings

CTI CSOs

CTI-CFF Committee of Senior Officials (CSOs)

- Composed of designated senior government officers from CT6 govts
- Tasked to oversee and decide on the technical decisions of the CTI and provide direction to the Regional Secretariat

CTI RS

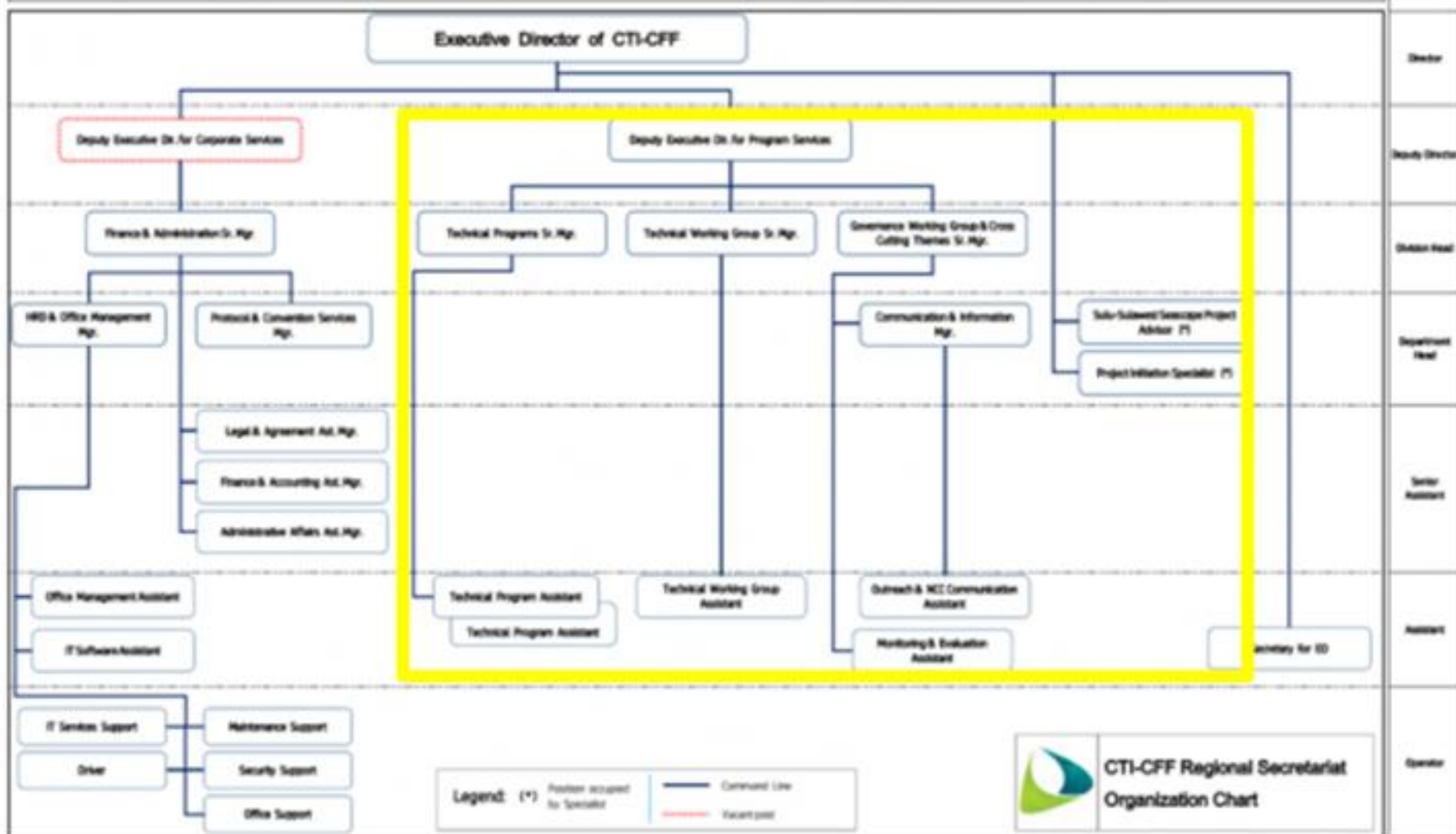
CTI-CFF Regional Secretariat

- Primary body that coordinates the implementation of the Regional Plan of Action (RPOA)
- Coordinates and supports official meetings and events being implemented under RPOA

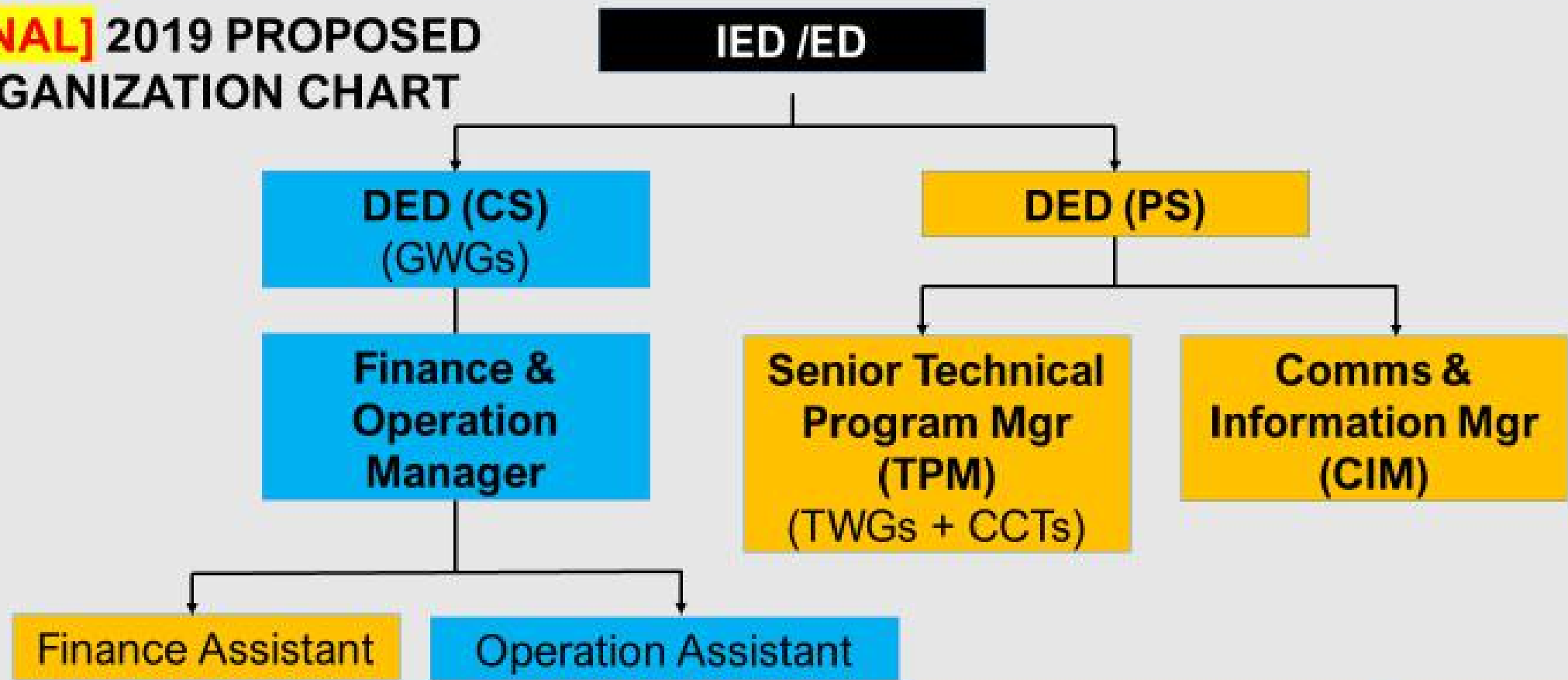
CTI NCCs

CTI-CFF National Coordinating Committees (NCCs)

- Responsible for guiding and ensuring implementation of the Regional and National plans of Action in their respective countries.
- Composed of officials from designated government agencies, representatives of NGOs and academic institutions



**[FINAL] 2019 PROPOSED
ORGANIZATION CHART**



PART TIME BASIS:

1. Executive Officer
2. Senior Technical Consultant (finance, operational, admin)
3. Graphic designers for knowledge products

CT6 Focal Points to be
assigned by NCCs to
liaise with RS

PROGRAMS SERVICES

GOVERNANCE WORKING GROUPS (GWGs)

TECHNICAL WORKING GROUPS (TWGS)

- SEASCAPE
- EAFM
- MPA
- Climate Change Adaptation (CCA)
- Threatened Species (TS)

CROSS-CUTTING THEMES (CCT)

- Capacity Building
- Women's Leaders Forum – WLF
- Local Governments' Network – LGN
- Regional Business Forum – RBF

Set up during the Interim period and still existing:

- **CMWG – Coordination Mechanism Working Group**
- **MEWG – Monitoring and Evaluation Working Group**
- **FRWG – Financial and Resources Working Group**
- **(expected to migrate to Corporate Services once the Deputy Executive Director of Corporate Services is hired)**

FUNDING SUPPORT

ED

DED Program Services

TWG

GWG & CCT

Funding Support

USAID

USAID RDMA, DOI, ITAP, SEA, Oceans, NOAA,

AUST AID

DOEE, DFAT

EU

Germany (GIZ)

ADB

ADB RETA - SEA & Pacific

WWF

WWF-Malaysia, WWF-Pacific, etc

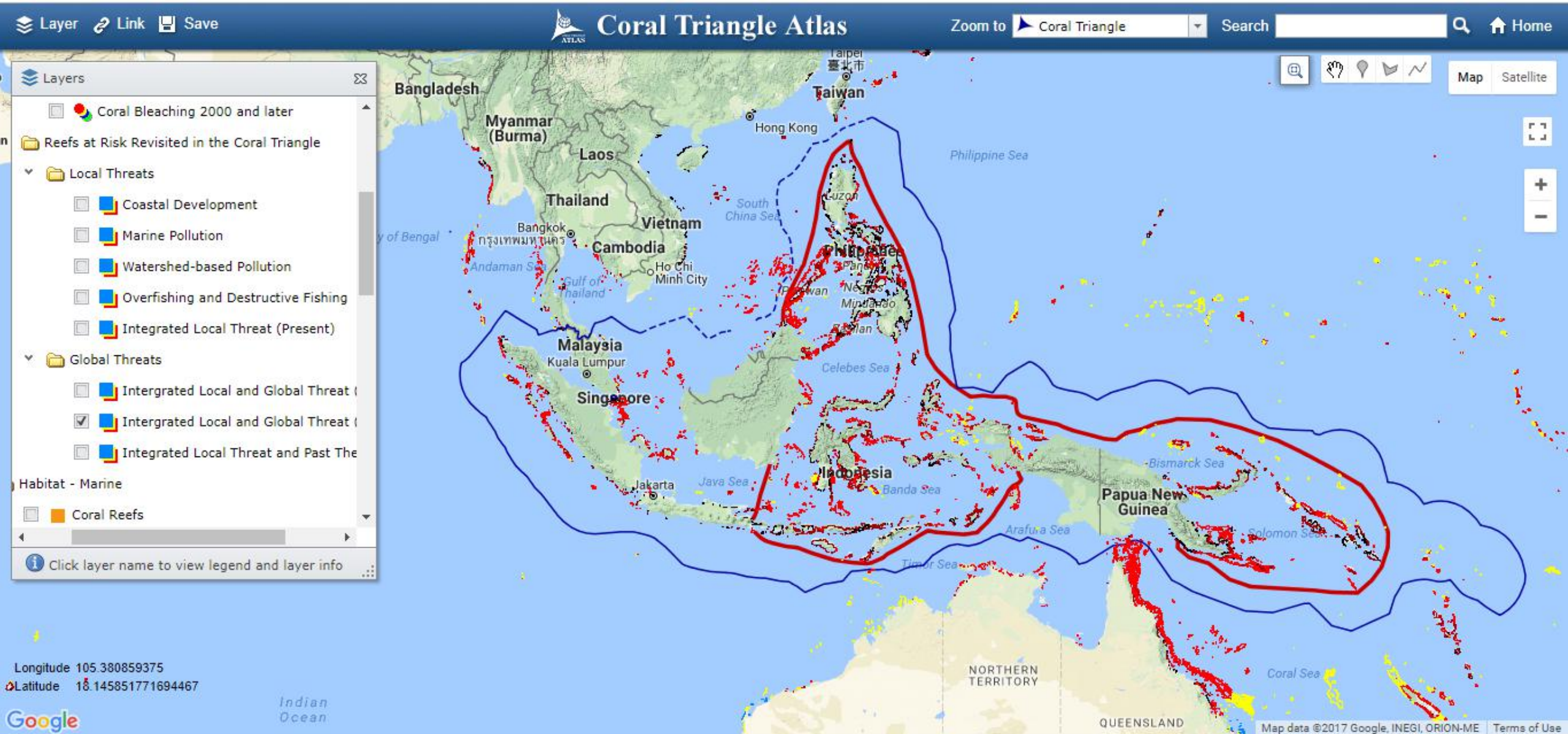
TNC

CI

WCS

SEAFDEC, WorldFish Center

etc



- Low Threat
- Medium Threat
- High Threat
- Very High Threat
- Critical

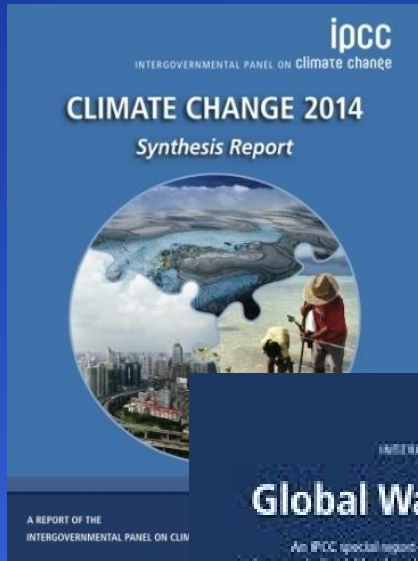
The data layers presented here represent indicators of pressure from local human activities and global climate change. The local threats evaluated are coastal development, watershed-based pollution, marine pollution, and overfishing and destructive fishing. The global threats evaluated include ocean warming and acidification.



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

Challenges

Climate Change Challenge



CLIMATE CHANGE

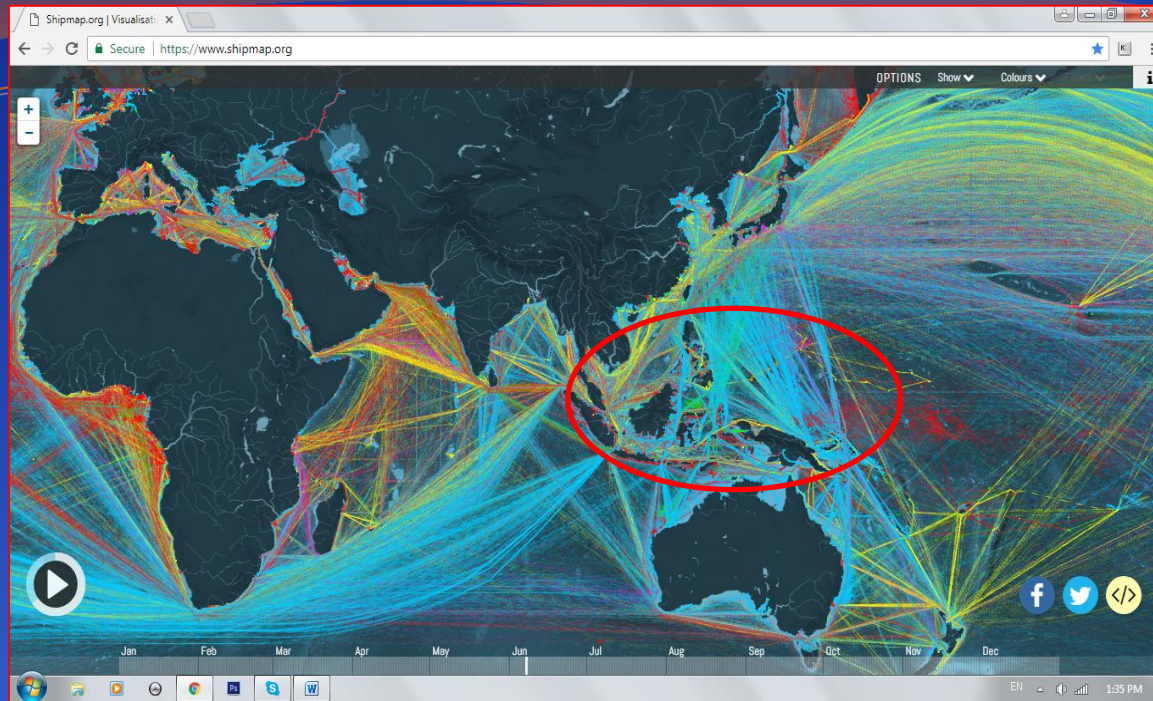
(e.g. high SST & coral bleachings, ocean acidification, damage from storms) **threatens marine ecosystems**

Fisheries in tropical ecosystems (SEA) is projected to significantly decline

Millions of people in tropical areas depend on coastal resources for livelihoods and nutrients

Resilience Challenges

- To increase coastal communities and ecosystem resilience, apart from reducing GHGs, other stressors must be reduced e.g.
 - - overfishing, destructive fishing
 - - LBSM Pollution – wastes management, Plastics, marine litter
 - - Shipping-based issues
 - * Pollution (operational and accidental discharges),
 - * *Physical damage (groundings)*
 - * Introduction of Invasive Species (ballast)



- Shipping

- **Busy shipping traffic, seaborne trade linking East and West, Indian and Pacific oceans**
- **in AW, TS, CZ, EEZ, HS**
- **including choke points: straits, SUINs, ASLs**
- **in SCS and Coral Triangle region**
- **SCS is semi enclosed sea (UNCLOS)**



* Ecotourism cruise ship MV Caledonia Sky grounded at Raja Ampat MP, Indonesia



* USS Guardian grounded at Tubbataha RNP, Philippines

LEGACY FOR CORAL TRIANGLE – PSSA & UNESCO Marine World Heritage Sites?



Challenges

- Limited **institutional capacity and resources**
- **Poor governance** (ineffective policies; insufficient implementation, enforcement)
- Lack **Sustainable Financing mechanism** to maintain activities/projects or to embark on new emerging issues
- Low engagement with the community, ownership issues
- Poor coordination among government agencies, NGOs , private and civic organizations, communities



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

Overall impacts of mechanism

TARGET 1: “Priority Seascapes” designated, with investment plans completed and sequenced;

TARGET 2: Marine and Coastal resources within all “Priority Seascapes” are being sustainably managed.

MAIN ACHIEVEMENTS / CURRENT STATUS

- Current Priority seascapes includes the **Sulu Sulawesi Marine Ecoregion (SSME)** and the **Bismarck Solomon Seas Ecoregion (BSSE)**, and the recently adopted **Lesser Sunda...**
- Seascape General Model and Framework finalized.
- *(PSSA mentioned in several original Seascapes targets)*

TARGET 1: Strong legislative, policy and regulatory frameworks in place for achieving EAFM;

TARGET 2: Improved income, livelihoods and food security in an increasingly significant number of coastal communities across the region through a new Sustainable Coastal Fisheries and Poverty Reduction Initiative ("COASTFISH"); and

TARGET 3: Effective measures in place to help exploitation of shared tuna stocks is sustainable, with tuna spawning areas and juvenile growth stages adequately protected.

MAIN ACHIEVEMENTS / CURRENT STATUS

- Completed TOR, EAFM Framework, M&E indicators;
- EAFM trainings at regional and local levels; countries adopted training modules; countries strengthen fisheries policies and legislations.
- E-CDT against IUU Fishing project ongoing

MPAs established and
effectively managed

03

Main Development Partners: **WWF**

TARGET 1: Region-wide Coral Triangle MPA System (CTMPAS) in place and fully functional

MAIN ACHIEVEMENTS / CURRENT STATUS

- Completed MPA System Framework
- Completed M&E indicators
- Generated MPA map via CT Atlas
- CTMPAS nomination and selection process implemented
- Design of Regional Recognition Awards for best managed MPAs, ongoing
- Undertake prioritization exercise on capacity building needs of each country



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

TARGET 1: Region-wide Early Action Plan for Climate Change Adaptation for the near-shore marine and coastal environment and small island ecosystems developed and implemented;

TARGET 2: Networked National Centers of Excellence on Climate Change Adaptation for marine and coastal environments are established and in full operation

MAIN ACHIEVEMENTS / CURRENT STATUS

- Publication of the Region-wide Early Action Plan (REAP) for CCA in the CT region and
- Local Early Action Plan (LEAP) for CCA
- M&E indicators incorporated into CT Atlas.

TARGET 1: Improved status of sharks, sea turtles, seabirds, marine mammals, corals, seagrass, mangroves and other identified threatened species

MAIN ACHIEVEMENTS / CURRENT STATUS

- Identified the need for development of Region-wide Conservation Plans for sea turtles, sharks & rays, marine mammals respectively; and
- Identified the need for the development of a Region-wide Assessment on Threatened Species in the CT region
- Workshop on Identification of Sharks and Rays in pipeline



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

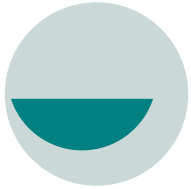
Identification of possible Best Practices

BEST PRACTICES

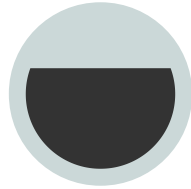
- Sustainable Financing would be crucial
- Partnerships/Collaborations critical and significant role to meet goals CTI-CFF
 - ✓ work closely with countries to **strengthen capabilities** of national and local institutions;
 - ✓ technical & scientific expertise;
 - ✓ support in conservation and sustainability projects;
 - ✓ recognizing the critical role of private institutions;
 - ✓ recognizing the value of women and youth (SDG 5);
 - ✓ enabling local / coastal communities apply best practices.
 - ✓ Local implementation, local governments
- **Improve international MEAs e.g. UNCLOS, UNFCCC, CDB Aichi Targets, SDGs**

RPOA 2.0 Directions

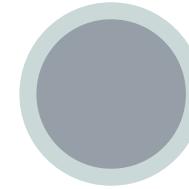
Initiate RPOA



Revision:
RPOA 2.0



Prioritise Goals
based on common
regional challenges



**NEW CT
ATLAS**

Assess NPOAs

Assess regional
priorities

Regional Priority
Workshops

Consider the delivery of
food security and
sustainable livelihoods as a
goal.

Strategically assess priority
regional actions that could
affect and strengthen
national policy with benefits
for the region and the
countries in a global
context.

Identify technical expertise

Implement new web-
based Geographical
Information System
that is linked to other
databases, as part of
data sharing and
access to the most up
to date regional and
national data.



TERIMA KASIH — MARAMING SALAMAT — TERIMA KASIH
TAGIO TUMAS — OBRIGADO — TANK IU



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

Headquarter:

CTI-CFF Secretariat Building
Jl. A.A. Maramis Kayuwatu, Kairagi II
Manado, North Sulawesi
95254, Indonesia

Website: www.coraltriangleinitiative.org



Email: regional.secretariat@cticff.org