



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



6-7 November 2023

18TH SENIOR OFFICIALS' MEETING

Country Report: **INDONESIA**

Hendra Yusran Siry

Focal Point NCC Indonesia



OUTLINE

1. Members (Agencies) of the National Coordination Committee
2. Progress/Accomplishments towards NPOA (*for each Working Group*)
3. Challenges/Constraints Affecting Implementation
4. National Roadmap 2024 (*for each Working Group*)
5. Potential Regional Program and Support Required
6. Coral Triangle Day Celebration
7. Communication and Publications
8. Story from the Field
9. ..



MEMBERS (AGENCY) OF NCC

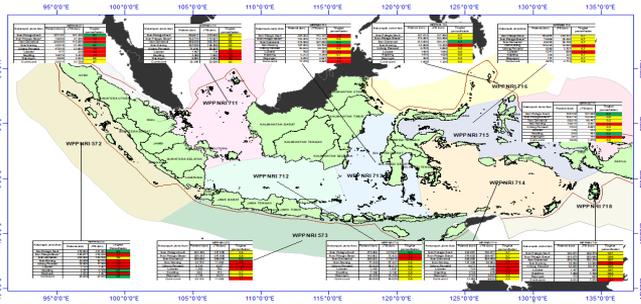
Working Group	Focal Point	Alternate
Seascope	Ir. Suharyanto, M.Sc , Director of Marine Spatial Planning, Directorate General Marine Spatial management, Ministry of Marine Affairs and Fisheries	Yogi Yanuar, ST, M.Si , Coordinator of Coastal and Marine Spatial Management, Coordinating Ministry for Maritime Affairs and Investment
EAFM	Dr. Ridwan Mulyana, Director of Fish Resources Management, MMAF	<ol style="list-style-type: none"> 1. Dr. Fery Sutyanawan, S.Pi , MPP, M.T, Coordinator of Fisheries Resources Management on Territorial Sea and Archipelagic Waters, Directorate of Fish Resources Management , MMAF and 2. Aris Budiarto, Coordinator of Fisheries Resources Management Analyst, MMAF
MPA	Dr. Firdaus Agung, Director for Marine Conservation and Biodiversity, MMAF	Mr. Amehr Hakim, Coordinator for Marine Protected Areas Designation
TSWG	Dr. Firdaus Agung, Director for Marine Conservation and Biodiversity, MMAF	Mr. Arif Edy Handoyo, Senior Marine and Coastal Ecosystem Manager, MMAF
CCA	Focal Point: Ms. Yulia Suryanti, S.Si., M.Sc, Acting Director for Climate Change Adaptation, Ministry of Environment and Forestry	<ol style="list-style-type: none"> 1. Mr. Muhammad Yusuf, Director for Coastal and Small Islands Utilization, Ministry of Marine Affairs and Fisheries. 2. Ms. Nuraeni, Ministry of Environment and Forestry
FRWG	Mr. T.B.H. Witjaksono Adji Director for Asia-Pacific and Africa Intra-Regional and Inter-Regional Cooperation, Ministry of Foreign Affairs	Noor E. Syahlani Ministry of Foreign Affairs
IRC	Dr. Hendra Yusran Siry Acting Adviser to Minister of Marine Affairs and Fisheries for Economics, Socio and Cultural Affairs/ Director of Marine Research Centre	
WLF	Ms. Ishartini, Head of Planning Bureau, Ministry of Marine Affairs and Fisheries	



PROGRESS/ACCOMPLISHMENTS TOWARDS
NPOA



PROGRESS/ACCOMPLISHMENTS TOWARDS NPOA EAFM



Regulation to support EAFM implementation

- Indonesia Fisheries Management Area (FMA): **11 FMAs**
- Fish stock status (MSY, TAC and Utilization Level) **in each FMA**
- Protection and empowerment small scale fishers
- Fisheries Management Plan **in 11 FMAs and other species**
- Fisheries Management Council in **11 FMAs**
- Fishing Logbook (including innovation to digitalize fishing logbook implementation through electronic logbook/e-logbook)

Implementation of EAFM

1. Develop a standard of specific competency on EAFM (SKKK) for EAFM planner, and evaluator in Indonesia → Ministerial Decree no. 9/PERMEN-KP/2015
2. Develop training modules for EAFM planner, implementor and evaluator in Indonesia
3. Training for EAFM planner (20 participants, 5 days, hybrid, 2021)
4. Training for EAFM evaluator (30 participants, eastern Indonesia, Bali, 5 days, university/government) by GEF 6 - CFI
5. EAFM Assessment in Wakatobi-Kendari-Wawonii Island; Derawan Islands and surrounding islands; TPK Kei Kecil; Maluku Barat Daya; Alor-Manggarai Barat (2021-2022) by WWF Indonesia
6. Translate essential EAFM to Indonesia language by CTC (NGO), 2022
7. Training essential EAFM in Bali, 2022 by UNDP

PROGRESS/ACCOMPLISHMENTS TOWARDS NPOA

Sustainable Tuna Management

- Fisheries Management Plan for coastal tuna in FMA 713, 714 and 715
- Harvest Strategy (HS) Framework for Yellowfin Tuna, Bigeye Tuna and Skipjack in FMA 713, 714 and 715
- Adoption international and regional rules & regulation into national tuna management scheme



- Indonesia observer on-board program for tunas has been acknowledge by RFMOs;
- Increasing Indonesia compliance level on fulfilling RFMOs Resolution and Conservation & Management Measures (CMM) for last 2 years (77% of IOTC resolution & 80%> of WPCFC CMM have been fulfilled by Indonesia);
- The first time Marine Stewardship Council (MSC) certification for Indonesia has been awarded to an Indonesia Tuna Exporter company, PT. Citra Raja Ampat Canning
- FAIR TRADE certification for tuna product of small scale fishers in Maluku and North Maluku Provinces (Buru, Seram , Sanana, and Morotai Island).

Sustainable Reef Fish Management

- Fisheries Management Plan for Snapper and Grouper
- Initial draft of Harvest Strategy for Grouper and Snapper Fisheries in FMA 713 and 573

Coastfish Program

Fishers Insurance; Fishers land rights certificates; Fishers access to funding support; Fishers small scale enterprises development and diversification; Revamping of fishers village



PROGRESS/ACCOMPLISHMENTS TOWARDS NPOA TSWG

SHARKS AND RAYS



1. NPOA for Whale Sharks (2021-2025)
2. Minister of Marine Affairs and Fisheries Decree Number 30 Year 2023 regarding Fully Protected Status of Walking Sharks
3. Development of Technical Guideline for Handling Shark and Ray Bycatch and Handling Whale Shark Stranded and Bycatch
4. Review and Update Draft of Conservation NPOAs for Sharks and Rays, and Protected Rays for 5 upcoming years
5. Evaluation the Management Effectiveness of 2023 for Sharks listed in Appendix CITES, Rays listed in Appendix CITES, Whale shark, Walking shark, Fully protected Rays
6. Handling stranded and bycatch whale shark
7. Monitoring and data collection of sharks and rays catch landed in UPT working area
8. Development of Technical Guideline for Handling Whale Shark Stranded and Handling Whale Shark Bycatch
9. Development of NPOA for Walking Shark Conservation
10. Collecting data for shark and ray population and production status which will be integrated with SIDAKO
11. Evaluation the Management Effectiveness of 2023 for whale shark, walking shark, protected ray, shark and ray Appendix II
12. Socialization, technical training, and adoption whale shark tourism guidance in West Nusa Tenggara (Saleh Bay)
13. Valuation economic of whale shark tourism in Saleh Bay, West Nusa Tenggara
14. Whale shark tagging in Saleh Bay
15. Carrying capacity of whale shark tourism in Kaimana
16. StAR Project implementation: recover endangered zebra shark population through innovative approach translocation and restocking
 - a. Release four zebra shark in Raja Ampat (Wayag lagoon and Southeast Missol)
 - b. Two egg shipment from US in 2023

PROGRESS/ACCOMPLISHMENTS TOWARDS NPOA



SEA TURTLES

1. NPOA for sea turtle (period 2022-2024)
2. Development of Technical Guideline for Handling Turtle Stranded
3. Review the Technical Guidelines for Handling Turtle By-catch
4. Evaluation the Management Effectiveness of 2023 for sea turtle in Indonesia
5. Handling stranded and bycatch sea turtle
6. Monitoring and data collection of nest, egg, and sea turtle landing in UPT working area
7. Identification and campaign to reduce the use of illegal turtle products in Central Sulawesi in collaboration with several stakeholders including BPSPL Makassar



MARINE MAMMALS

1. Development of Technical Guideline for Handling Marine Mammals Stranded
2. Development of Technical Guideline for Handling Marine Mammals Bycatch
3. Handling stranded marine mammals
4. Review the Conservation NPOA of Cetacea and Dugong for developing the 5-upcoming-year NPOA of marine mammals
5. Training on Handling Marine Mammals Stranded
6. Evaluation the Management Effectiveness of 2023 for dugong and cetacea in Indonesia
7. Monitoring and data collection of marine mammals sightings in UPT working area

PROGRESS/ACCOMPLISHMENT

CTI-CFF National Programs	Activities Related to CTI-CFF Goals with Different Budget in 2023
Translation of the Local Early Action Plan (LEAP) book into Bahasa → still on going process (draft 0)	Indonesia Vulnerability mapping for Marine ecosystem in Indonesia (MOMAF 2023)
	Development of Resilient Coastal Areas in North Minahasa Regency, North Sulawesi Province (MOMAF, 2023)
	Indonesian Beach School in Manado City (MOMAF, 2023)
Preparing for the formulation of NPOA 2023-2025 (Q4)→ Initial Discussion	Climate friendly Village Programme (known as PROKLIM in Indonesia. In 2023 , Indonesia has developed PROKLIM location with characteristic as coastal areas in East Kalimantan, South Kalimantan, Central Sulawesi, West Sulawesi, South Sulawesi, Maluku, East Nusa Tenggara, DKI Jakarta and Papua (MoEF, 2023).
	Facilitated the Preparation of Adaptation Plan for Pangkajene Islands Regency (MoEF)
	Capacity building on vulnerability of climate change for local governments in North Kalimantan Province, South Kalimantan and Papua Province (MoEF, 2023)
	Awareness of disaster mitigation and climate change adaptation in Morotai (MOMAF 2023)

CHALLENGES/CONSTRAINTS AFFECTING
IMPLEMENTATION



CHALLENGES/CONSTRAINTS AFFECTING IMPLEMENTATION (EAFM)

1. Regular communication and coordination among NWG EAFM members
2. Synergize program/activities between thematic WG
3. Training EAFM for leader
4. Subsidy for fisher “change minded” not funding overfishing
5. Census/fishing vessel data collection
6. Blue economy concept correlation with EAFM
7. Update on EAFM domains and indicators?
8. Regular update on EAFM website is available at www.eafm-Indonesia.net
9. Learning centers roles need refreshment and encouragement from national government



MPA Challenges



Strong Political Encouragement



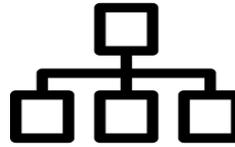
Manage the conflict among stakeholders concerning expanding MPAs



Funding



Human Resources



Developing MPA organization body



Infrastructure



Developing Partnership



CHALLENGES/CONSTRAINTS AFFECTING IMPLEMENTATION (TSWG)

1. Still need improvement on :
 - Data and research.
 - Surveillance and law enforcement due to vastness and remote ocean areas.
 - Alternative livelihood development.
 - Public awareness
2. Marine mammals stranding events are beyond our estimates (when, where, how etc).



NATIONAL ROADMAP 2024

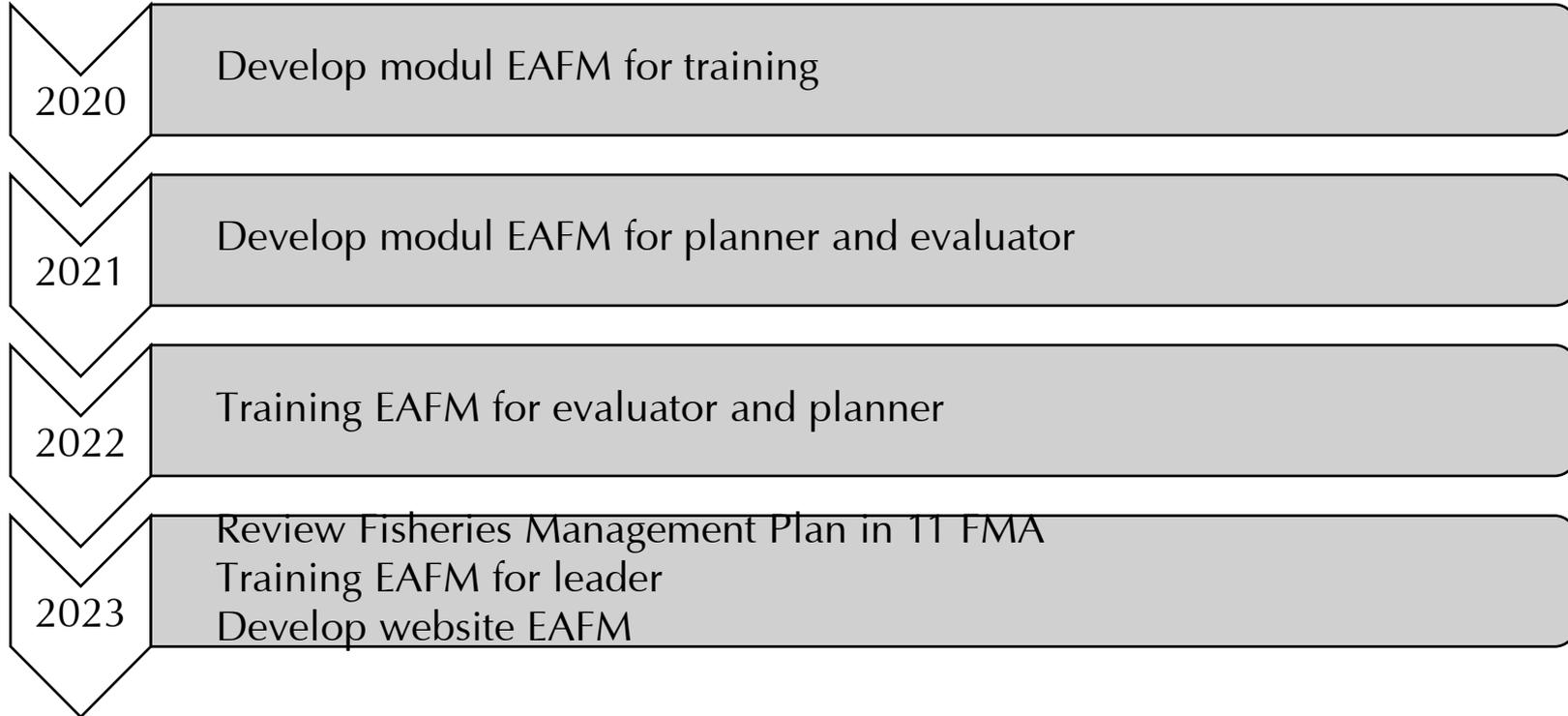


NATIONAL ROADMAP (EAFM)

20	Workshop on the Importance of EAFM and References Indicators
10	
20	Advanced development of EAFM Reference Indicators and Preliminary Assessment of FMA using the Indicators
11	
20	Capacity development of EAF assessment using the Indicators and Several tests conducted
12	
20	EAFM implementation tests and preparing the adoption of EAFM references indicators
13	
20	Adoption of EAFM Indicators
14	
20	Adoption of SK3 EAFM and EAFM Learning Centers
15	
20	Strengthening the concepts of Fisheries Management Councils (FMCs)
15	Testing Model Fisheries Management Councils (FMCs)
20	Strengthening EAFM Learning Centers as Scientific Committee in the Fisheries Management Councils (FMCs)
16	
20	Implementation of Fisheries Management Councils (FMCs) based on EAFM and Fisheries Co-Management (FCM)
17	
20	Fisheries Management Councils (FMCs) Evaluation
18	
20	Strengthening Fisheries Management Councils (FMCs) based on EAFM and Fisheries Co-Management (FCM)
19	



NATIONAL ROADMAP



NATIONAL ROADMAP 2024

1. Review Fisheries Management Plan in 11 FMA
2. Develop Harvest Strategy for **grouper and snapper** (FMA 713 and 573)
3. Develop Fisheries Management Plan based on commodity
4. Strengthening EAFM Learning Center
5. EAFM indicator Assessment for **blue swimming crab** (FMA 712), **grouper and snapper** (FMA 712 & 713), **Lobster** (FMA 713 & 573), and **mud crab** (FMA 713);
6. Fisheries Improvement Program for **blue swimming crab** (FMA 712), **grouper and snapper** (FMA 712 & 713), **Lobster** (FMA 713 & 573), and **mud crab** (FMA 713);
7. EAFM Training for Government Officer (Target: 30 participants from Provincial Fisheries Office in **FMA 715, 717, and 718**);
8. Implementation of e-Logbook for small scale fisheries (target: small scale fishing fleets in **FMA 715, 717, and 718**);
9. Coastfish implementation: Fisherman protection program through Insurance for fisherman; Facilitation of land rights certificates; facilitation of access on funding support; small scale enterprises development and diversification for fisherman/fisherman family; Revamping/Developed of fisherman villag



NATIONAL ROADMAP-2023 (TSWG)

Sharks and Rays	Sea Turtles	Marine Mammals – Dugongs and Cetaceans
<ul style="list-style-type: none"> • To develop traceability mechanism in trade monitoring • To Improve law enforcement on catch/trade • To foster shark and ray research and data • To protect critical shark and ray habitat • To develop shark and ray bycatch mitigation • To improve public awareness through communication and campaigns • To develop alternative livelihoods and access to capital/livelihood diversification 	<ul style="list-style-type: none"> • To improve sea turtle study and research data • To protect Nesting Habitat/Turtle Migration Corridor • To improve community Participation in Turtle Conservation • To increase survival rate of sick/ stranded/ entangled turtles 	<ul style="list-style-type: none"> • To integrate and to update marine mammals database/ information • To protect marine mammals critical habitat • To foster marine mammals tourism • To improve public awareness • To strengthen regulation and law enforcement • To reduce cetacean mortality/accidents caused by fishing activities • To develop better guidance, human resources and networks for handling stranded marine mammals



POTENTIAL REGIONAL PROGRAM AND
SUPPORT REQUIRED



POTENTIAL REGIONAL PROGRAM AND SUPPORT REQUIRED

- Implementation of COASTFISH Program in priority seascape
- Workshop on EAFM Evaluation Tools

OTHER REMARKS

- Indonesia and Timor Leste have developed TDA and SAP under GEF ISLME Project (FMA 573, 713, 714, 715) and GEF ATSEA-II Project (FMA 718)



POTENTIAL REGIONAL PROGRAM AND SUPPORT REQUIRED

1. To publish regular publication (each country progress/activity) on CTI CFF website
2. Development of annual status / report on threatened species status in CT region
3. Development of threatened species regional handbook/guideline on marine mammals stranding
4. Training on sea turtle/marine mammals/sharks and rays stranding/by-catch
5. Training on law enforcement to support the prevention and management of the use of endangered and protected marine species on transboundary in CT6
6. Conduct workshops/webinars on threatened species in CT6



PUBLICATIONS

TSWG



Technical guidance for Information Geospatial Thematic (IGT) for fully protected marine species



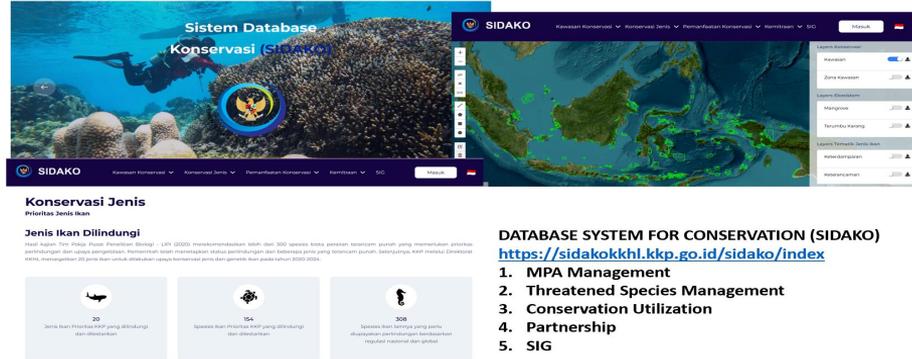
Minister of Marine Affairs and Fisheries Decree NO. 30 Year 2023 regarding Fully Protected Status of Walking Sharks



Mousepad: Whales and Dolphins are not a Fish but Marine Mammals



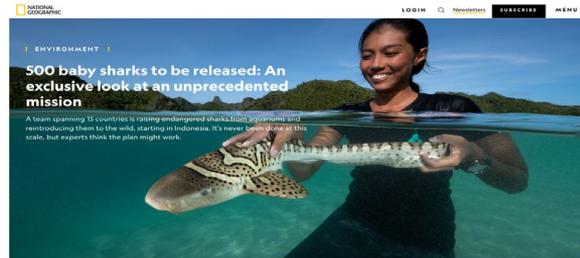
Mousepad: Six Species of Sea Turtles in Indonesia Waters



DATABASE SYSTEM FOR CONSERVATION (SIDAKO)

<https://sidakokkh.kkp.go.id/sidako/index>

1. MPA Management
2. Threatened Species Management
3. Conservation Utilization
4. Partnership
5. SIG



- <https://www.nationalgeographic.com/magazine/article/shark-rewilding-indonesia-oceans-conservation-zebra?seattleaquarium23>
- <https://www.reshark.org/videos>
- <https://www.reshark.org/in-the-news>



DOCUMENTATION / PUBLICATION





CORAL REEF TRANSPLANTATION IN COMMEMORATION OF THE AT DAY IN 2023

In order to carry out rehabilitation of the coral reef ecosystem and it is hoped that after it develops it can become a coral stock

LPSPL Sorong Since 2020 has been carrying out coral reef rehabilitation activities in the Malaumkarta Egek Zone, this is also intended to encourage the existence of locations within the Egek Zone which can be used as Coral Stock Centers. On June 13 2022, the KKP issued Confirmation of Marine Space Suitability (KKRL) Number: B.400/MEN-KP/VI/2022 where the suitability of marine space for the development of the Coral Stock Center was given as an area of 5 ha with predetermined location points. 24

Coral reef rehabilitation will be carried out on June 8 2023 with the media drop-off location at the Coral Stock Center (CSC) Egek Zone Malaumkarta. A total of 50 media made of iron are shaped like spider webs. The total number of fragments transplanted was 650 coral fragments, dominated by the coral type *Acropora* sp. 20XX

This transplant activity is also support for the Sorong PSPL Workshop in commemoration of the 12th Coral Triangel Day (CT Day) which will be celebrated on June 9 2023



WE, THE LEADERS ENTRUSTED WITH THE
MANAGEMENT OF THE WORLD'S MOST
PRISTINE CORAL REEFS, PLEDGE TO
CONSERVE THEIR BIODIVERSITY AND
PRODUCTIVITY FOR GENERATIONS TO
COME.

Leaders of the Coral Triangle

15th May 2009

Manado, North Sulawesi, Indonesia

Terima Kasih

