



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



KEMENTERIAN  
ALAM SEKITAR DAN AIR  
Ministry of Environment and Water

# MALAYSIA NCC

MINISTRY OF ENVIRONMENT AND  
WATER

**16<sup>TH</sup> SENIOR OFFICIAL MEETING**

**CORAL TRIANGLE INITIATIVE ON CORAL REEF  
FISHERIES**

**13-15 DECEMBER 2021**

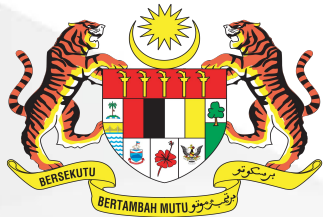


# Outline

- 1 Update on National Secretariat & Implementing Agencies
- 2 Overall Achievements of NPOA & Achievements of NPOA by Goals
- 3 2020-2021 implementation
- 4 Challenges
- 5 Way Forward



# AGENSI PELAKSANA CTI DI MALAYSIA



KEMENTERIAN  
ALAM SEKITAR DAN AIR  
Ministry of Environment and Water



**Priority  
Seascapes**



**Ecosystem  
Approach to  
Fisheries  
Management  
(EAFM)**



**Marine  
Protected  
Areas (MPA)**



**Climate  
Change  
Adaptation  
Measures  
(CCA)**



**Threatened  
Species**

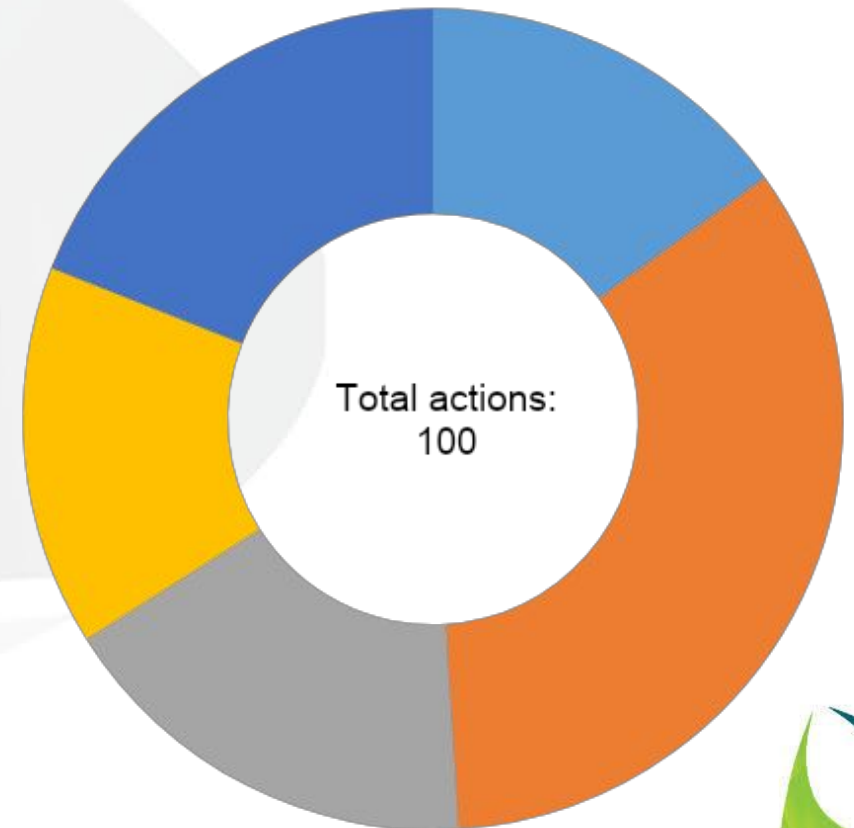
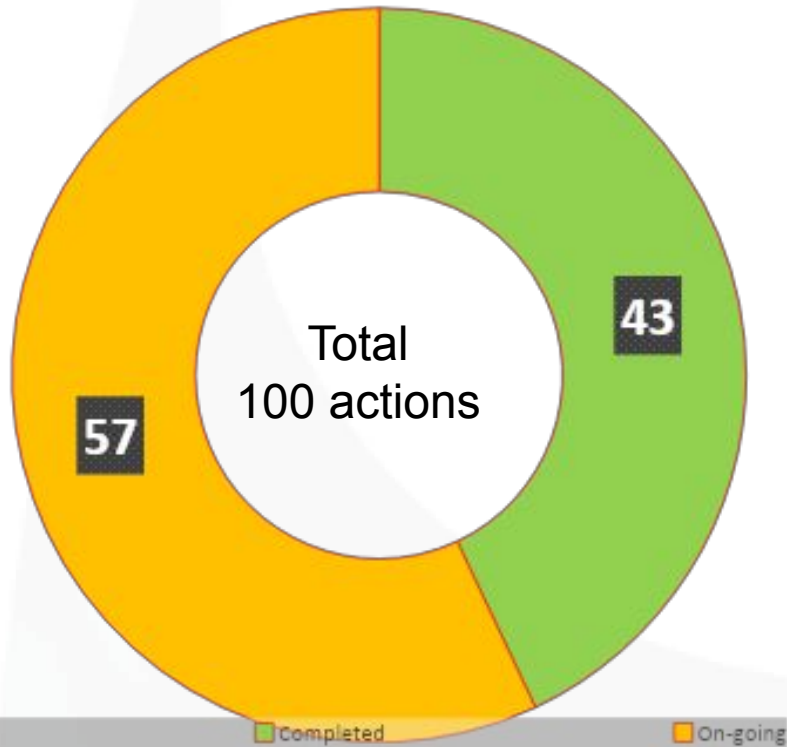


# I. Progress/Accomplishments in implementing National Plan of Action

	NO OF ACTIONS (ACTUAL)	NO. OF ACTIONS (ACTIVE)	COMPLETED
<b>Goal 1:</b> Priority Seascapes Designated and Effectively Managed	17	15	4
<b>Goal 2:</b> Ecosystem Approach to Management of Fisheries (EAFM) and Other Marine Resources Fully Applied	50	34	26
<b>Goal 3:</b> Marine Protected Areas (MPAs) Established and Effectively Managed	16	17	3
<b>Goal 4:</b> Climate Change Adaptation Measures Achieved	16	15	2
<b>Goal 5:</b> Threatened Species Status	22	19	8
<b>TOTAL</b>	<b>121</b>	<b>100</b>	<b>43</b>

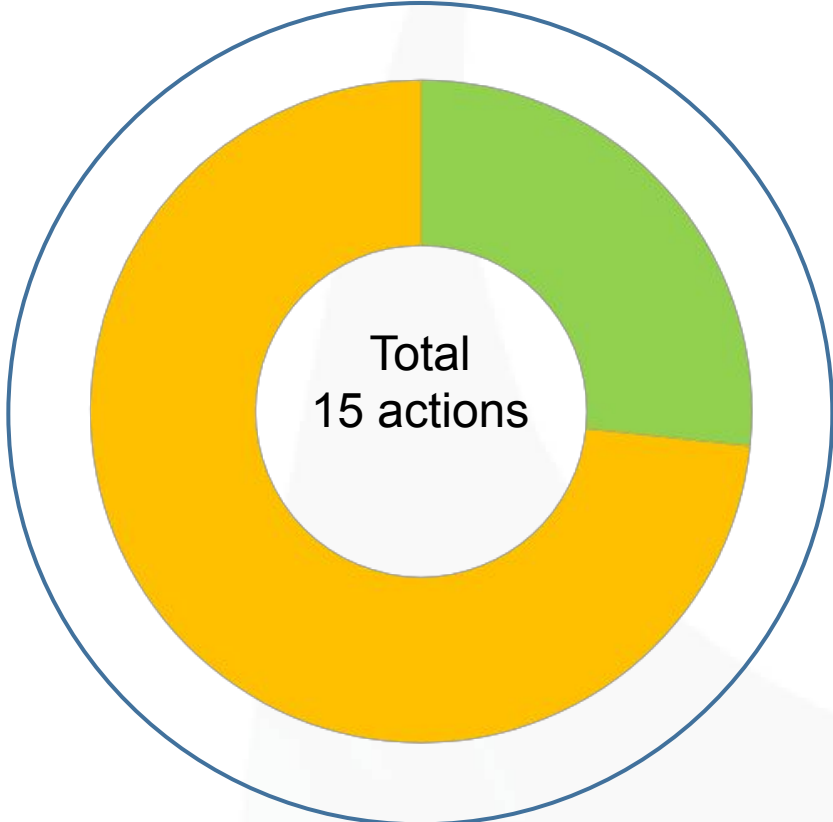
# I. Progress/Accomplishments towards National Plan of Action

NPOA  
2009 - 2021



# I. Progress/Accomplishments towards National Plan of Action

## GOAL 1: SEASCAPES



Total  
15 actions

A donut chart with a white center containing the text 'Total 15 actions'. The chart is divided into three segments: a large yellow segment (approximately 60%), a green segment (approximately 25%), and a smaller yellow segment (approximately 15%).

Action includes:

1. National Coastal Zone physical plan;
2. National Physical Plan 3 (NPP3),; and
3. Jointly develop investment plans with seascape partners for all identified Priority Seascapes (including the existing SSME- (Sulu Sulawesi Marine Ecoregion Seascape);
4. Delineation of Particularly Sensitive Sea Areas (PSSA) (ongoing)
5. Working closely with seascape partners, jointly adopt specific elements of sustainably managed Seascape Programme. (ongoing)
6. Periodic monitoring (ongoing)
7. CEPA- SEEN (ongoing)



Sabah Environmental Education Network (SEEN)



Priority Seascape National Workshop  
21 March 2019



# I. Progress/Accomplishments towards National Plan of Action

## GOAL 2: EAFM



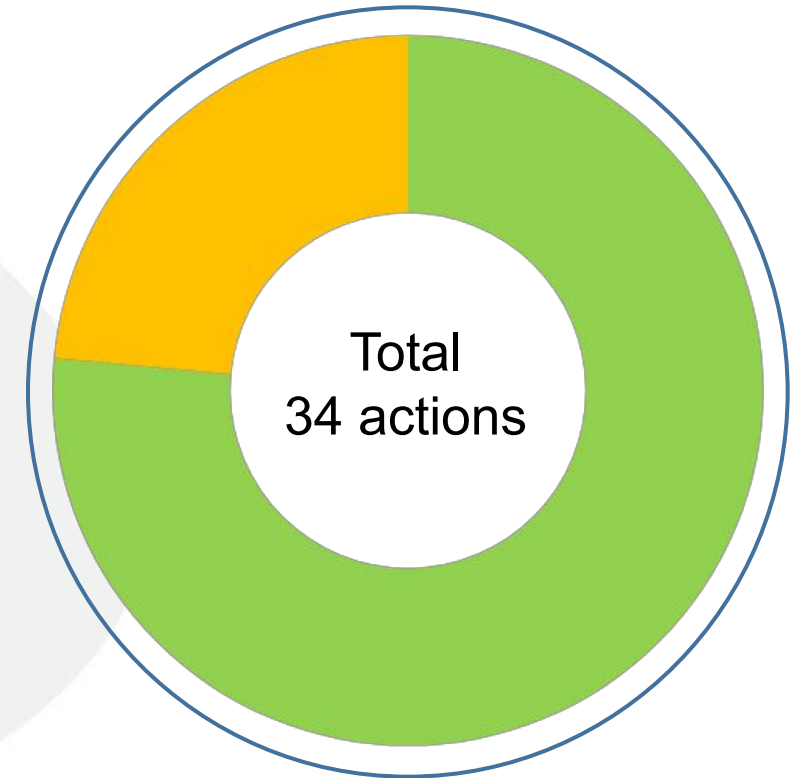
EAFM Replication Sites  
Semporna, Tawau, Mantanani, Pitas & Sandakan



EAFM Community Research Project  
EAFM Capacity Development

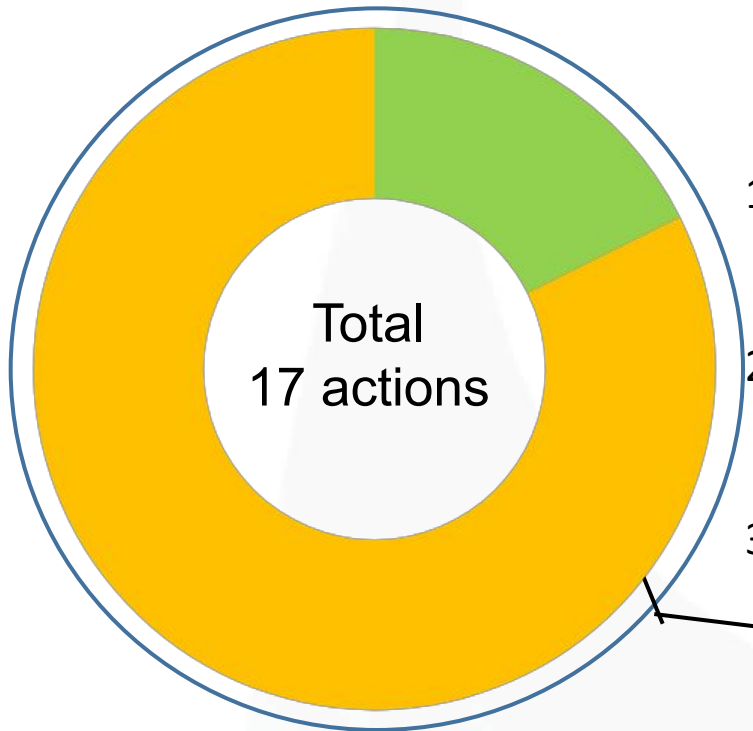
Action includes:

1. Development of Sabah EAFM management plan
2. Engage community in reporting illegal fishing
3. Maps produced showing the location of Malaysian COASTFISH sites, along with other spatially-referenced data
4. Assessment of fisheries stock for Sustainable Management; and
5. Tuna Fisheries Resources Survey in Sulu Sulawesi Seas
6. Zero export quota for humphead wrasse (complete) and continuous effort to revive population (ongoing)
7. Increase capacity of maritime enforcement, including assets (ongoing)
8. Mobilise funding to support Malaysian COATFISH (ongoing)



# I. Progress/Accomplishments towards National Plan of Action

## GOAL 3: MPAs



Action includes:

1. Strengthening MPA management human: resource capacity through recruitment and training
2. Implement a program on connectivity related research, such as larval dispersal, genetics, spawning aggregations
3. Management plan for Tun Mustapha Park and spatial zoning plan and gear-based management strategies within the TMP



Tun Sakaran Anti Fish-bombing Plan  
March – April 2019



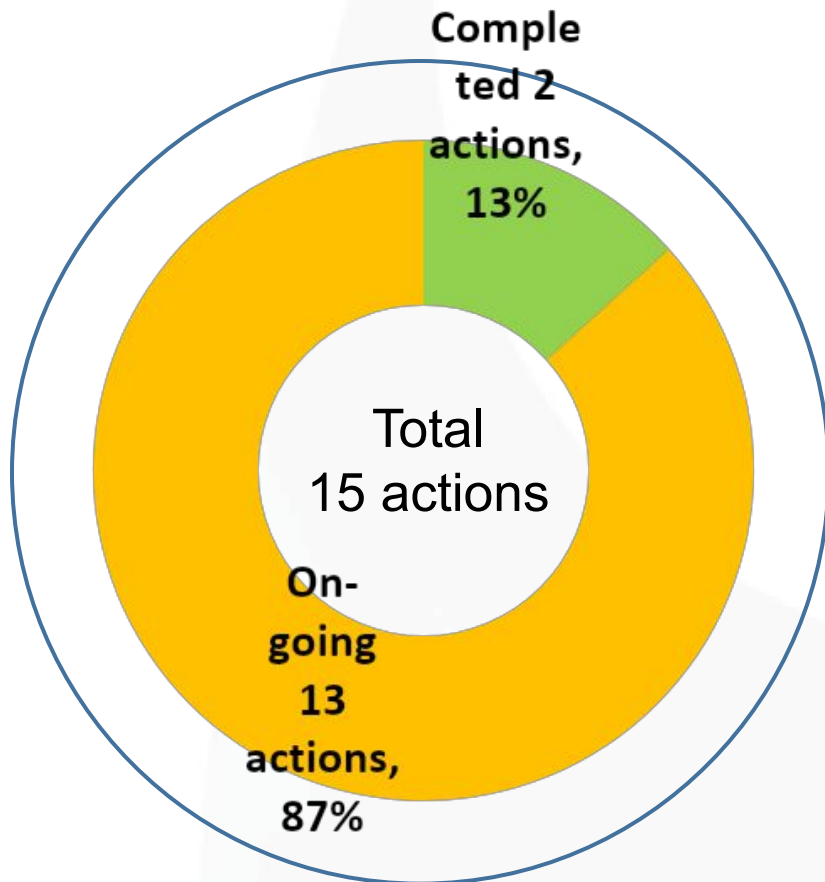
Darvel Bay Scientific Expedition  
11-16 February 2019





# I. Progress/Accomplishments towards National Plan of Action

## GOAL 4: CLIMATE CHANGE ADAPTATION



Action includes:

1. Establish an inter-agency committee for planning and management of the environmental data collection and archiving system;
2. Complete National Coastal Vulnerability Index (CVI) for Coastal strategic Assets and major Urban Centres in Peninsular Malaysia;
3. Complete National Coastal Vulnerability Index (CVI) for Coastal Strategic Assets and major Urban Centres in East Malaysia; and
4. Complete the Malaysian Climate Change Coastal Adaptation Plan, with a focus on sustainable management of fisheries and livelihood diversification (Salakan Semporna CCA)
5. On-going actions:
  - i. Scientific research
  - ii. CEPA



Coral Triangle Day Celebration 2019



# I. Progress/Accomplishments towards National Plan of Action

## GOAL 5: THREATENED SPECIES



Total  
19 actions

Action includes:

1. Established the National Marine Mammal Stranding Network (11 zones in Malaysia, including 3 in Sabah : KK/Labuan F.T., Kudat & Tawau);
2. Established 8 National Threatened Species Rescue Center;
3. Launched 'Say No To Shark Fin' Campaign, Kuala Lumpur; and
4. Produced field guides on sharks and rays



Malaysia Agriculture, Horticulture and Agro-tourism International Show (MAHA 2018)

# Malaysia CTI Activities in 2020

## Goal 1

1. SOMACORE (Solutions for Marine and Coastal Resilience in the Coral Triangle) - Malaysia country discussion/consultation

## Goal 2

1. Survey on the Effectiveness of EAFM trainings for stakeholders
2. State level EAFM training (Pitas Mud Crab fishers)

## Goal 3

1. Darvel Bay & Mantanani Scientific Seminar
2. Community Consultation process for Mantanani Park & Darvel Bay Park
3. Kalampunian Reef restoration

## Goal 4

1. E-Poster Competition – (theme: Seagrass At My Hometown)
2. Climate Change Adaptation Webinar, in conjunction with World Oceans Day and Coral Triangle Day
3. Beach Clean-up, Batu Burok, Kuala Terengganu
4. Virtual International Conference on Marine Science and Aquaculture (VICOMSA) 2020

## Goal 5

1. Turtle Excluder Device (TED) Inspection programme under Section 609 certification U.S. Department of State and National Marine Fisheries Service (NMFS)
2. Ghost net cleaning in Tioman Island
3. Consolidation and review of sea turtle enactment with all states in Peninsular Malaysia

# Malaysia CTI Activities in 2021

## Goal 1

1. Transboundary approach to securing coral reef fishery and biodiversity resources in Sulu Sulawesi Seascape

## Goal 2

1. Community level capacity building on sustainable use of fisheries resources

## Goal 3

1. ToT MPA for Sabah & Sharks and Rays by WWF and Sabah Parks

## Goal 4

1. Virtual Ocean Celebration 2021: - webinar, talks, marine species day & drawing competition
2. Webinar on “Climate Change Adaptation on Coastal Communities in CT Region & Sea Level Rise, Impact to Coastal Area & public awareness forum: climate change impact on seafood & growing contribution of seafood to global food security
3. Training Programme on Coastal and Marine Planning (CMSP)

## Goal 5

1. Review of NPOA Dugong & development of Nat. Action Plan on Dugong (Plan 2)
2. Coordination Meeting TWG of Sharks and Rays, Sea Turtles, Marine Mammals, Giant Clams, Sea Horse and Coral
3. Study of propose management of Kuala Pahang Estuary as sanctuary for shark & ray juvenile
4. Study of shark and ray landing in Perak, Pahang & Sabah
5. Published poster (shark & ray) & stamp book
6. Establish national sea turtle database

### III. Challenges/Constraints Affecting Implementation of Activities

1. Resources (financial, time, manpower, expertise)
2. Coordination, monitoring & evaluation of implementation
3. Synergizing efforts amongst all relevant stakeholders
4. Return of Investment (RoI) - Translating efforts into profits & social impact
5. Socialization of actions and plan

## IV. Way Forward

1. Review of NPOA – outcome based with clear indicators & effective monitoring
2. Strengthening strategic collaborations & cooperation among various relevant stakeholders
3. Co-design and co-management of CTI activities
4. Workshops, seminars & stakeholders' engagement



Thank you | Terima kasih | Maraming salamat  
Tagio tumas | Tank iu | Obrigado

