



SEAFDEC/UNEP/GEF Project
on Establishment and
Operation of A Regional
System of Fisheries Refugia in
SCS & GoT

Restoring Fisheries through Refugia Systems in the South China Sea and Gulf of Thailand



CAMBODIA



INDONESIA



MALAYSIA



PHILIPPINES



THAILAND



VIET NAM

14 LIFE BELOW
WATER



Fisheries refugia: a novel approach to integrating fisheries and management in the context of small-scale fishing pressure

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ABSTRACT

Fisheries of the South China Sea are under increasing pressure from small-scale fishing effort. This study examines the impact of small-scale fishing on the quality of coastal habitats and the long-term sustainability of Southeast Asia. The GEF South China Sea Project initiative to address coastal and habitat management.

Regional Guidelines for Responsible Fisheries in Southeast Asia

Association of Southeast Asian Nations Southeast Asian Fisheries Development Center

SUPPLEMENTARY GUIDELINES ON CO-MANAGEMENT USING GROUP USER RIGHTS, FISHERY STATISTICS, INDICATORS AND FISHERIES REFUGIA



ASEAN-SEAFDEC COOPERATION



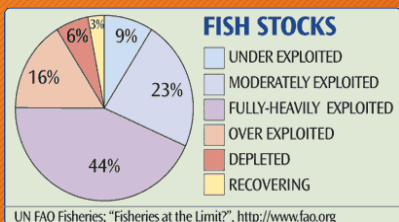
UN 

environment

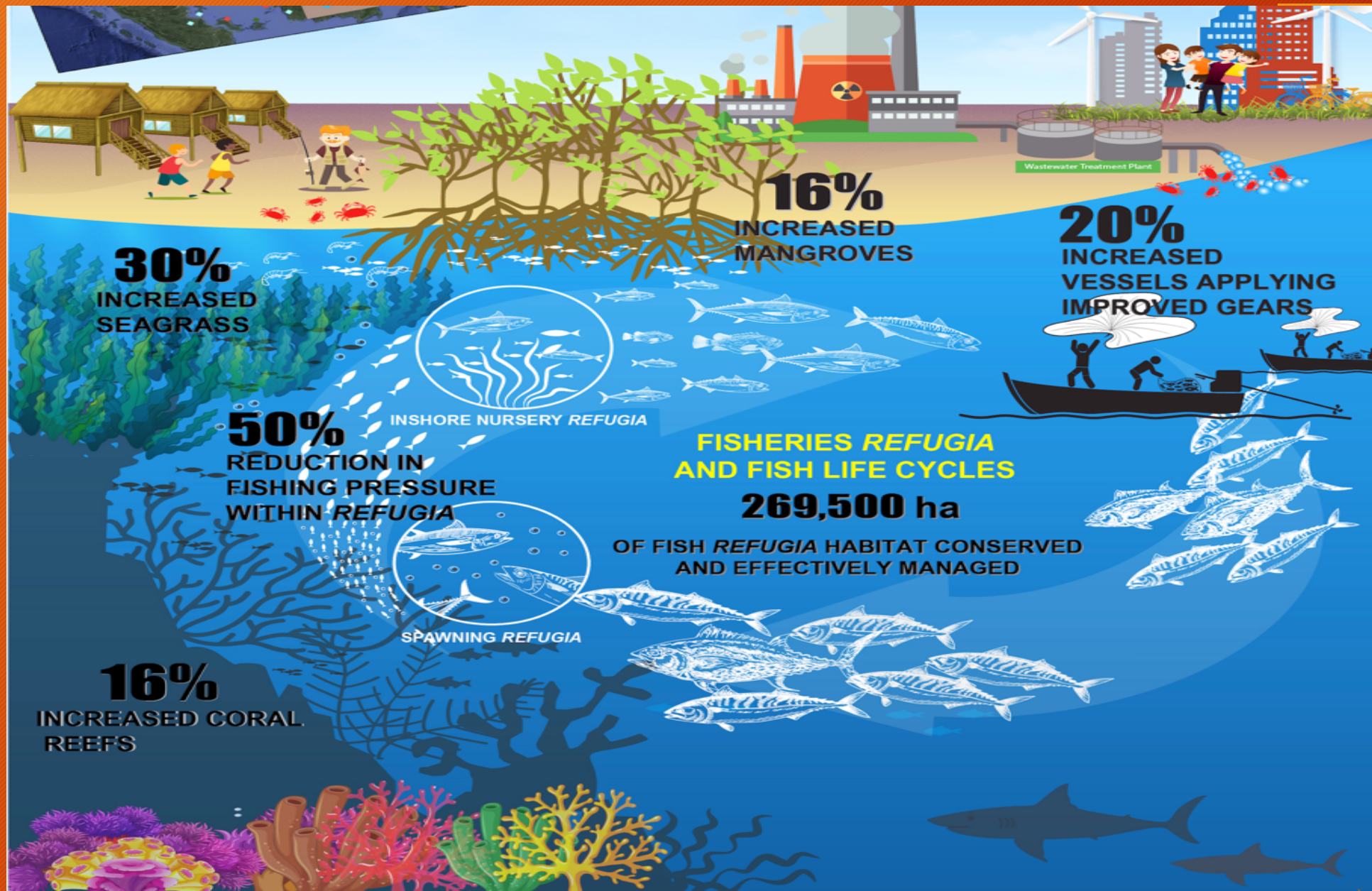
SAP FOR THE SCS

Improved integration of fisheries management and habitat conservation

HEALTHY ECOSYSTEM



Present



Progress of SEAFDEC/UNEP/GEF Project on Establishment and Operation of a Regional System of Fisheries Refugia in the SCS and GoT (since 2017)

1) Signed Letter of Agreement (LOA) :

- ✓ Cambodia (in January 2017);
- ✓ Philippines (in March 2017);
- ✓ Thailand (in March 2017);
- ✓ Malaysia (in June 2017);
- ✓ Viet Nam (on 3rd May 2019)
- ✓ Indonesia (on 13th June 2019)



2) Agreed TORs for Establishment of Nat' & Reg' Institutions

- ✓ National Fisheries Refugia Committee (NFRC) + Regional PSC
- ✓ National Scientific and Technical Committee (NSTC) + Regional STC
- ✓ Site-based Management Boards (SBMB)

3). intensive series of consultations on the boundaries of fisheries *refugia* to identify key threats to fisheries *refugia* sites and initiate discussion about possible management;

4). improvement of the management of critical habitats for fish stocks of transboundary significance:

- ❖ compile and update information and data on the distribution of habitats, known spawning areas, locations of refugia, MPAs, fisheries management areas, and critical habitats for endangered species;
- ❖ Develop the national and regional datasets,

5). information management and dissemination in support of national and regional-level implementation of the fisheries *refugia* concept

6). national cooperation and coordination for integrated fish stock and critical habitat management were enhanced



Meeting with TWG chaired by the Governor of Kep



7) Selected 15 Priority Fisheries Refugia Sites in 6 Countries

15 Priority Fisheries Refugia Sites

Short Mackerel

Cambodia: Koh Kong
Thailand: Trat
Viet Nam: Phu Quoc



Juvenile Grouper

Cambodia: Kampot



Anchovy

Viet Nam: Phu Quoc



Blue Swimming Crab

Cambodia: Kep
Thailand: Surat Thani



Spiny Lobster

Malaysia: Tanjung Leman



Small Pelagic Fish

Indonesia: Bangka Belitung



Rabbit Fish

Philippines: Bolinao



Frigate Tuna

Philippines: Masinloc
Viet Nam: Binh Thuan



Fusilier Fish

Philippines: Coron



Mud Crab

Philippines: Coron



Tiger Prawn

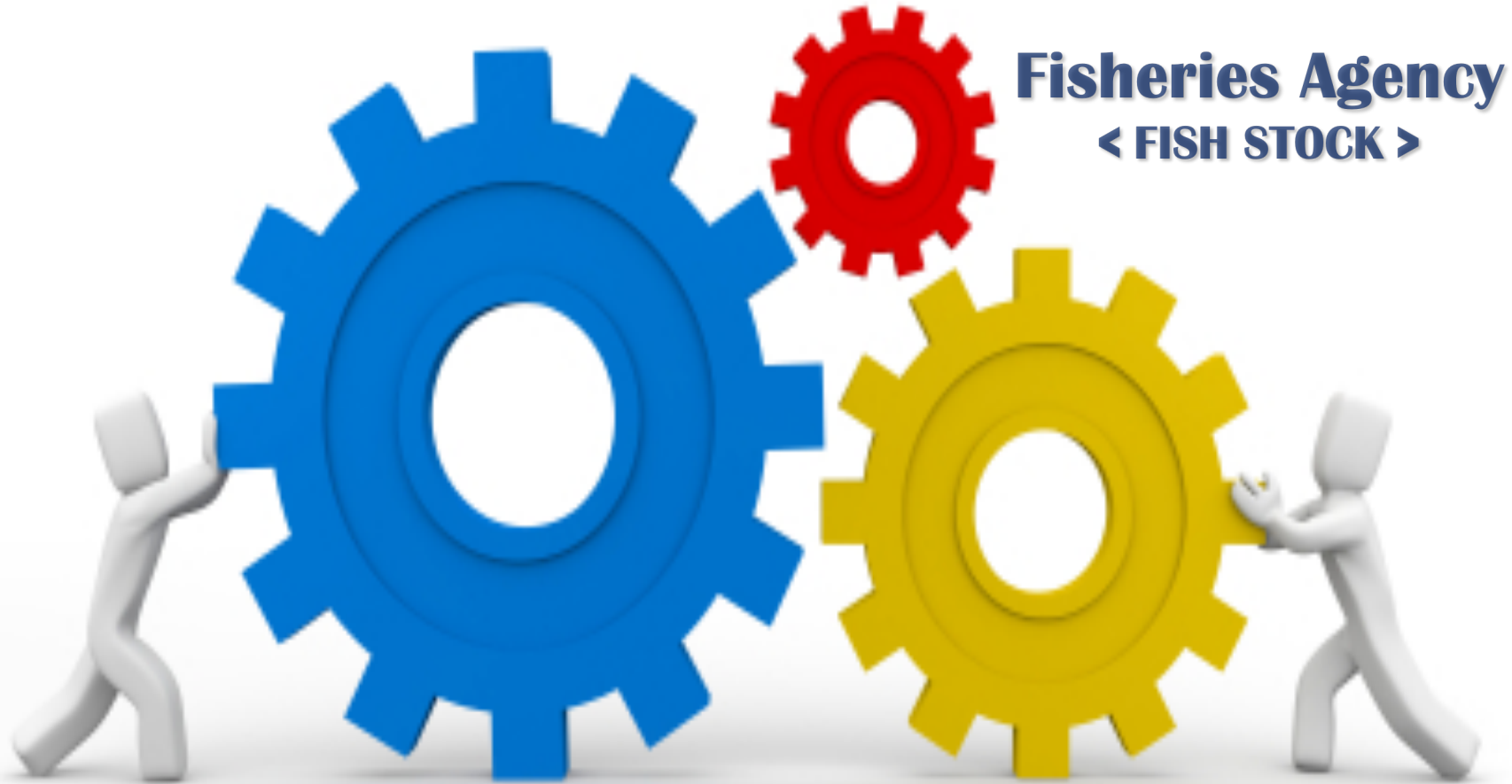
Malaysia: Miri

Penaeid Shrimps

Indonesia: Bengkayang



Establishment of Fisheries Refugia



Fisheries Agency

< FISH STOCK >

Stakeholders & Private Sectors **Environment Agency**
COOPERATION **< HABITATS/POLLUTION >**

