







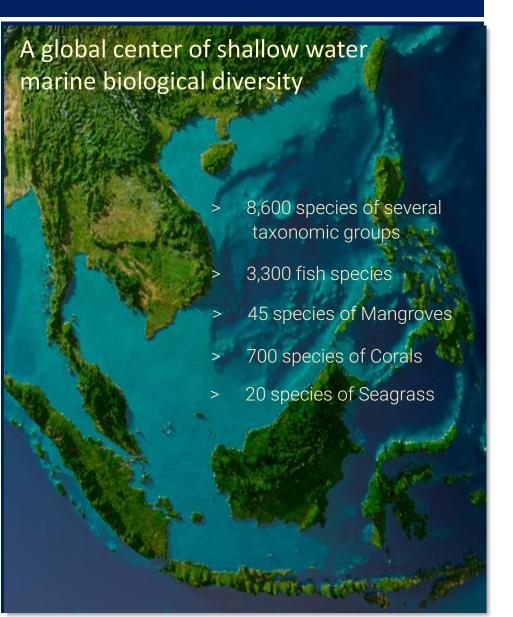


### LMEs Experiences, Success and Challenges Regarding Data and Information Management

## South China Sea LME SAP Implementation: Fisheries Refugia

SOMBOON SIRIRAKSOPHON PROJECT DIRECTOR

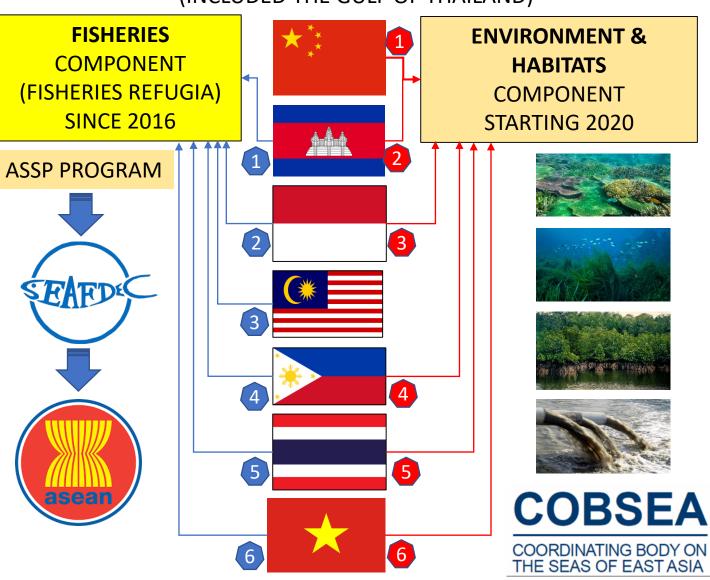
### INTRODUCTION



#### **SAP IMPLEMENTATION FOR**

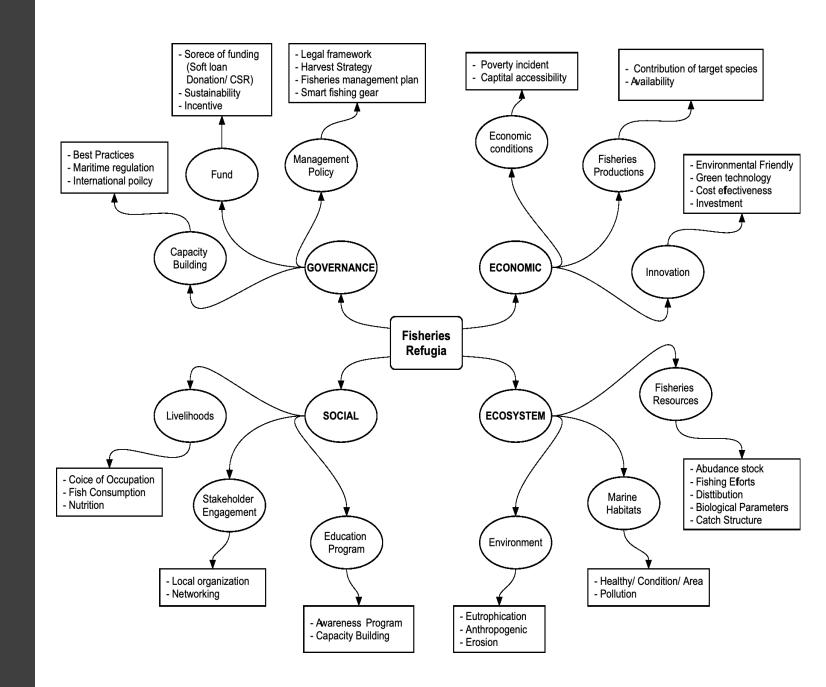
### THE SOUTH CHINA SEA LME

(INCLUDED THE GULF OF THAILAND)



# LONG TERM OBJECTIVES

- 1. Maintain the fish stock and critical habitat;
- 2. Satisfy fishing community, social needs now and futures; and
- 3. Put in place on effective management system



# TARGET END PROJECT, INDICATOR & DATA

- ➤ Effective management of key threats to 15 fisheries refugia sites
- National and regional policy, legal and planning frameworks for demarcating boundaries and managing fisheries refugia
- National and regional systems for knowledge management and sharing,
- Effective multi-lateral and intergovernmental communication and joint decision-making,

- Established 15 Area-based management coverages ~269,500 ha
- ~ 50 % reduction of fishing pressures within selected sites;
- National and regional policy, legal and planning frameworks;
- ~20 % increase in small scale fishing vessels using best practices;
- National and regional systems for knowledge management and sharing;
- scaling-up and mainstreaming of good practices
  - Effective multi-lateral and intergovernmental communication;
- o joint decision-making

- ✓ Fish Life cycle;
- ✓ Habitats links
- ✓ Fishery Statistics
- ✓ Fishing Efforts
- ✓ Status of policy
- ✓ Fish stock Status
- ✓ Datasets & GIS
- ✓ Best Practices
- ✓ Reg. Guidelines
- ✓ Reg. Website
- ✓ Education centre
- ✓ Awareness
- / program agoney



- ✓ Uptake of scientific and technical advice
  - People

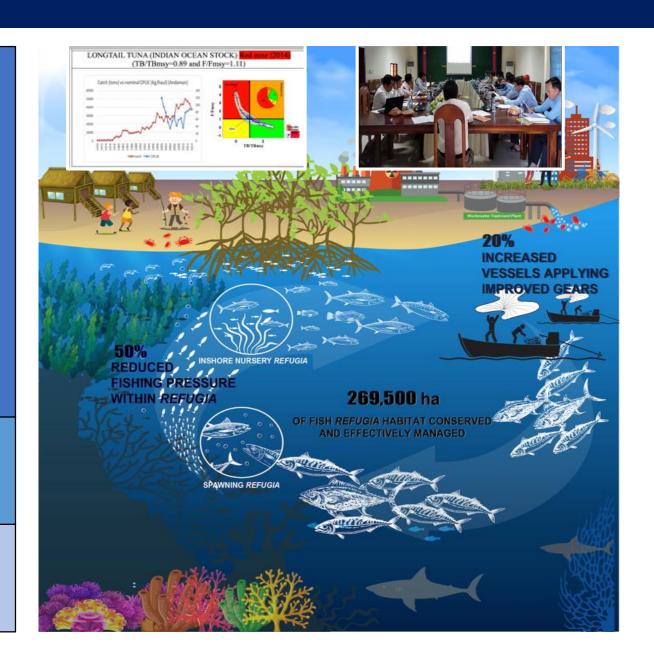
### FISHERIES REFUGIA SITES

#### **15 Priority Fisheries Refugia Sites**



### HOW DATA HAVE BEEN USED TO THE PROJECT?

- National Fisheries Statistic;
- Marine Habitat linkages;
- Baseline surveys:
  - Fish life cycle,
  - Larval fish identification, abundance and distribution
  - Socio-economic study
- Legal framework reviews;
- Capacity/Awareness Building;
- Stakeholder Consultations;
- Fishery Policy (at Nat' & Reg.)
- Management Strategy



### CONTRIBUTION TO SDG-14

UN SDG 14 TARGET	CONTRIBUTION FROM FISHERIES REFUGIA PROJECT
14.1: Marine Pollution	<ul> <li>Collection of wastes from the sea to port by trawler fishermen</li> </ul>
14.2: Marine Ecosystem	<ul> <li>Establishment of Refugia (Area-based) management to protect critical life cycle fishes</li> <li>Released blue swimming crab with eggs: social responsibility in Thai fishermen</li> </ul>
14.3: Ocean acidification	o Collaborative research survey of fisheries resources and fishery oceanography including pH
14.4: IUU fishing	<ul> <li>Adoption 15 Fisheries refugia as good management practices through collaboration with all relevant stakeholders and integration between fisheries and habitat agencies;</li> <li>Adoption of Regional guidelines for Responsible Fishing Practices</li> </ul>
14.5: MPAs	o Improvement of marine habitats (MPAs) linkage to Fisheries Refugia establishment.
14.6: Subsidies	o none
14.7: Development	<ul> <li>Engagement of private sector on eco-tourism programs at existing marine habitats in linkage with fisheries refugia sites including establishment of educational center;</li> </ul>
14.a) Science	<ul> <li>Fisheries technology development through the cooperation with Research institutions and private sectors;</li> </ul>
14.b) Access to market	<ul> <li>In collaboration with SEAFDEC to promote the electronic system of ASEAN Catch Documentation Scheme for both large-scale and small-scale artisanal fishers.</li> </ul>
14.c) Conservation and sustainable use	<ul> <li>Sustainable use of transboundary species such as short mackerel, neritic tunas (kawa kawa, longtail tuna, skipjack tuna, and etc.</li> </ul>

#### WEBSITE MANAGEMENT

- 1) Home: there are information appeared on this page such as a) Meet our stakeholders, b) Upcoming event, c) social media links, d) download of key documents, e) Links to films, etc.
- 2) About us: Introduce more details of the Project, and introduce the institutions developed for the project such as National Lead Agency, Project Steering Committee, Regional Scientific and Technical Committee, National Focal Point, Regional Experts, Project Coordinating Unit, and TORS of those institutions.
- 3) Events: Regional events including all working papers and presentation files for downloading
- 4) Country Activities: This is a country web-portal
- 5) GIS Map: This menu aims to share the GIS mapping for selecting of the Fisheries refugia and Mapping of environmental/habitats information. It is under improvement.
- **6) Publications**: This part make link to the SEAFDEC Repository, to ensure that all publications from the project will be shared to the Regions and global
- 7) News: This menu will highlight all regional and national activities in detail.
- 8) Partners: Provide link to the partners such as GEF, UNEP, IW Learn, etc.
- 9) Contact us

#### https://fisheries-refugia.org



#### Link to SEAFDEC repository

