



Implementation and Capacity Building to Combat IUU Fishing in Southeast Asia

**By
SEAFDEC Training Department**



The Regional Workshop on Enhancing Policies and Countermeasures Against IUU Fishing in Southeast Asia
14–16 October 2026 Bangkok, Thailand

Key Aspects of Programs and Activities by **SEAFDEC** for Combating IUU Fishing in Southeast Asia



3

Key Aspects

of Programs and Activities by
SEAFDEC for Combating IUU Fishing
in Southeast Asia



1. Strengthening Coordination and Cooperation among AMSs and Other Agencies

2. Increase Capacity and Awareness on MCS to Combat IUU Fishing

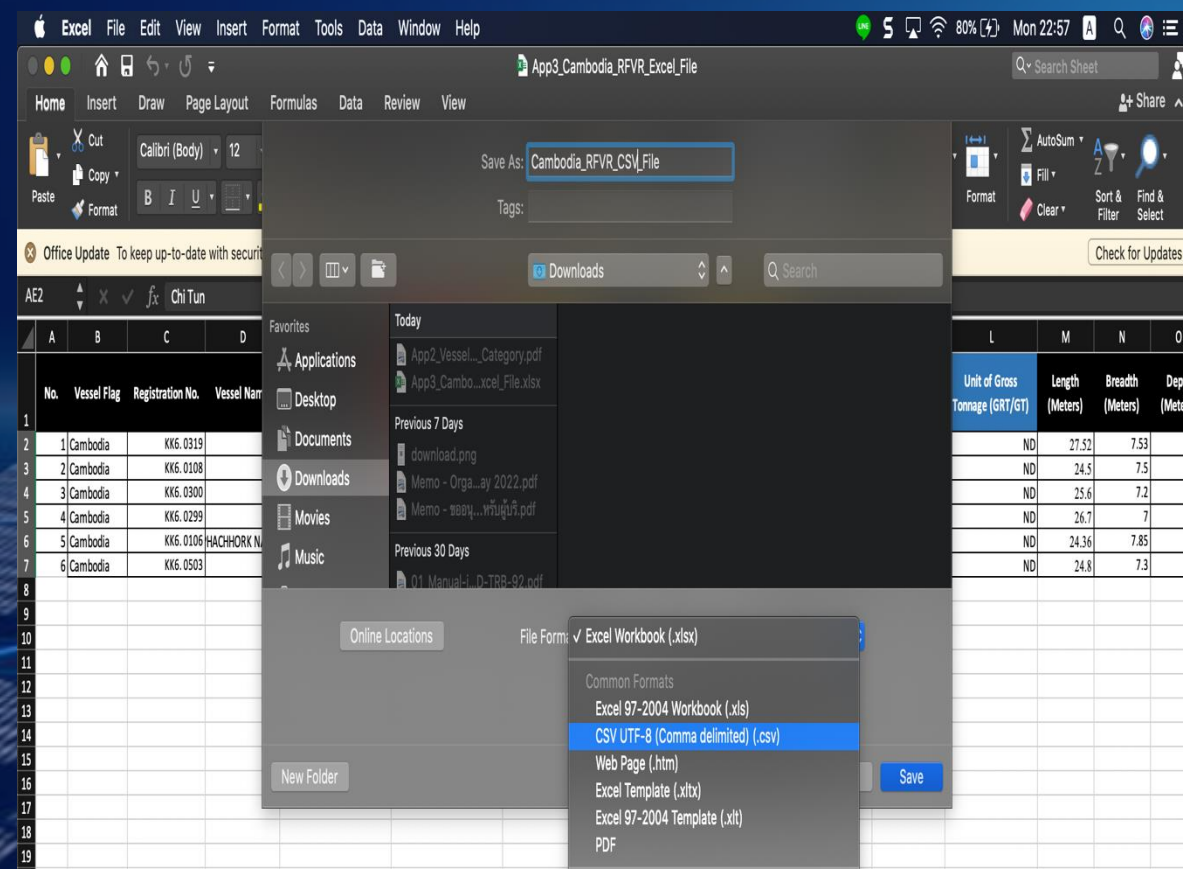
3. Support Implementation of Effective MCS Measures

1. Strengthening Coordination and Cooperation among AMSs and Other Agencies

Establishment of technical collaborative platforms for information sharing among AMSs



Regional Fishing Vessels Record (RFVR)

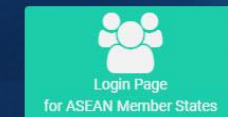


Regional Fishing Vessels Record (RFVR)

The Regional Fishing Vessels Record (RFVR) Database is an online system collaboratively established by the ASEAN Member States (AMSs) under the ASEAN-SEAFDEC Strategic Partnership (ASSP) mechanism.

The RFVR Database is a basic information required effective tools to support the fishing vessel inspection to reduce the Illegal, Unreported and Unregulated (IUU) fishing vessels. It is expected that RFVR will work as a practical tool for related authorities of the ASEAN Member States (AMSs) in checking and taking corrective actions against inappropriate behavior of its fishing vessels, thereby supporting the elimination of IUU fishing in the Southeast Asian Region.

For example, AMSs can take appropriate actions against "Stateless Vessels, IUU fishing vessels, poaching" by sharing information and identifying problematic vessels through the RFVR database. Moreover, the information in RFVR Database is planned to update time to time by AMSs that means AMSs emphasize to share information on fishing vessels for combat and eliminate IUU fishing in the region.



Related links to combating IUU fishing and IUU vessel list from other organizations



- CCAMLR - Commission for the Conservation of Antarctic Marine Living Resources
- CCSBT - Commission for the Conservation of Southern Bluefin Tuna
- GFCM - General Fisheries Commission for the Mediterranean
- IATTC - Inter-American Tropical Tuna Commission
- ICCAT - International Commission for the Conservation of Atlantic Tuna
- IOTC - Indian Ocean Tuna Commission
- NAFO - Northwest Atlantic Fisheries Organization
- NEAFC - North East Atlantic Fisheries Commission
- NPFC - North Pacific Fisheries Commission
- SEAFO - South East Atlantic Fisheries Organisation
- SIOFA - Southern Indian Ocean Fisheries Agreement
- SPRFMO - South Pacific Regional Fisheries Management Organisation
- WCPFC - Western and Central Pacific Fisheries Commission



Status of the Development of RFVR Database

- Basic information required for supporting the fishing vessel inspection to reduce IUU fishing vessels
- Enhancing transparency and traceability in supporting inspection in relation to PSM activities.
- Information in the RFVR database is available for the vessel 24 meters in length and over
- There were 28 Key Data Elements (KDEs)
- The AMSs can update information in RFVR Database by themselves since 1st November 2021
- Expansion information in the RFVR database to less than 24 meters in length



28 KDEs

IN THE RFVR DATABASE

Name of Vessel

Vessel Registration
Number

Owner Name

Type of Fishing
Method/Gear

Fishing License
Number

Expiration Date of
Fishing Licenses

Port of Registry

Gross Tonnage

Length

Breadth

Depth

Engine Power

Shipyard/
Ship Builder

Date of Launching/
Year of Built

International
Radio Call Sign

Engine Brand

Serial Number
of Engine

Hull Material

Date of Registration

Area of Fishing
Operation

Nationality of
Vessel

Previous Name

Previous Flag

Name of Captain

Nationality of
Captain

Number of Crew

Nationality of Crew

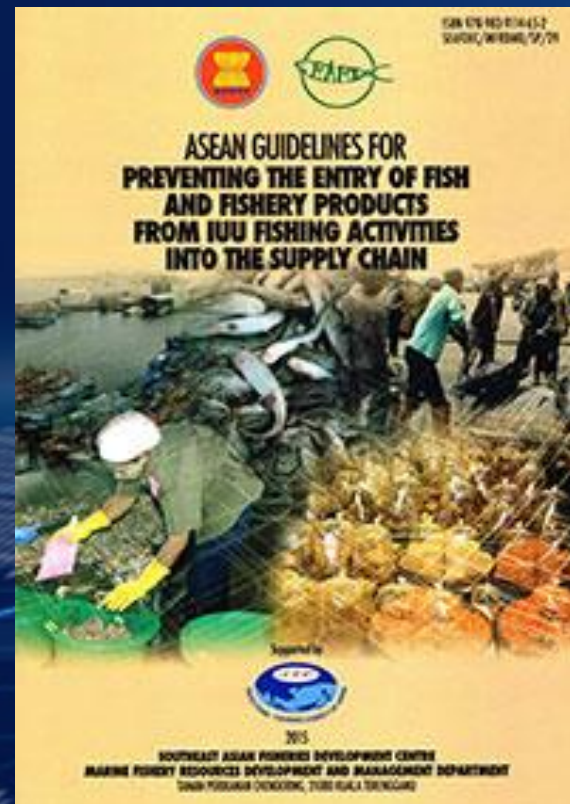
IMO Number



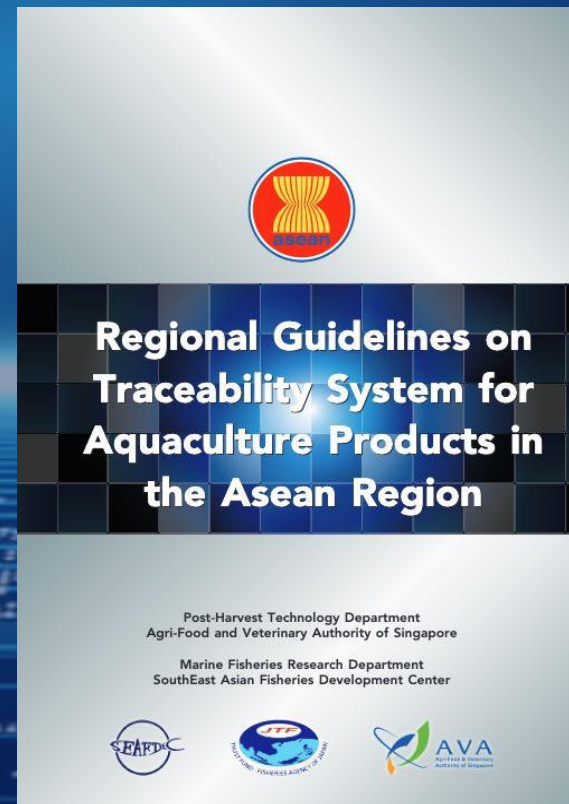
1. Strengthening Coordination and Cooperation among AMSS and Other Agencies (cont.)

► Providing regional instruments for developing a common approach to combating IUU fishing in the region such as

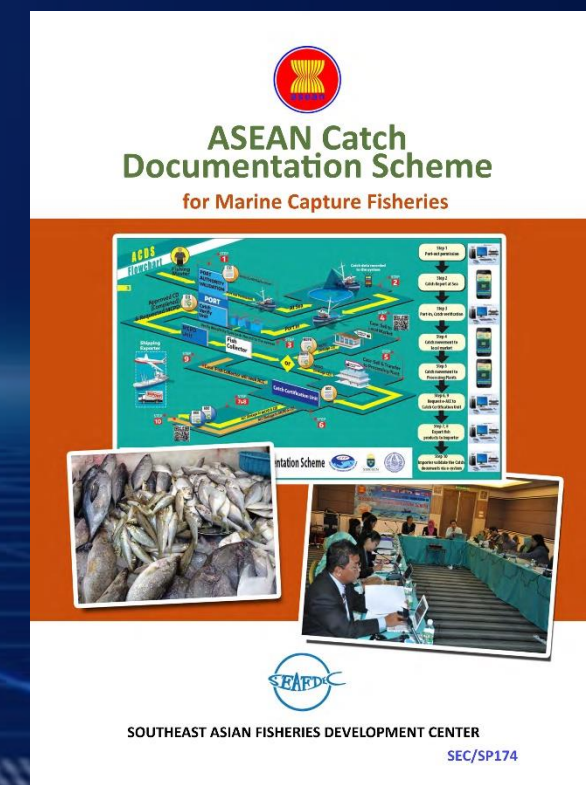
ASEAN Guidelines for Preventing the Entry of IUU Fish and Fishery Product into the Supply Chain



Regional Guidelines in Traceability System for Aquaculture Products in the ASEAN Region



ASEAN Catch Documentation Scheme for Marine Capture Fisheries

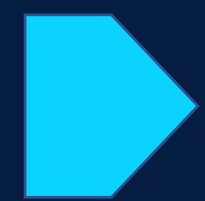


1. Strengthening Coordination and Cooperation among AMSs and Other Agencies (cont.)

► Coordination and cooperation with national/regional/international agencies as partners



2. Increase Capacity and Awareness on MCS to Combat IUU Fishing



A series of capacity-building programs for AMSs to enhance their ability on MCS to combat IUU fishing

MCS

PSM

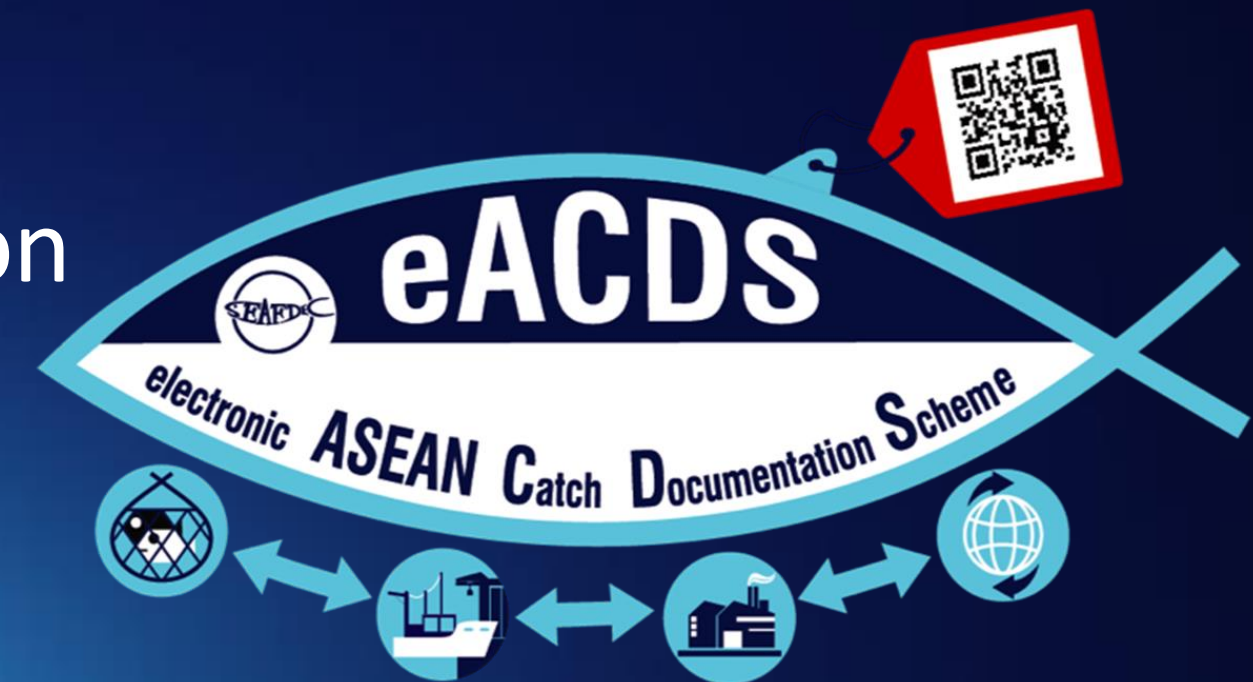
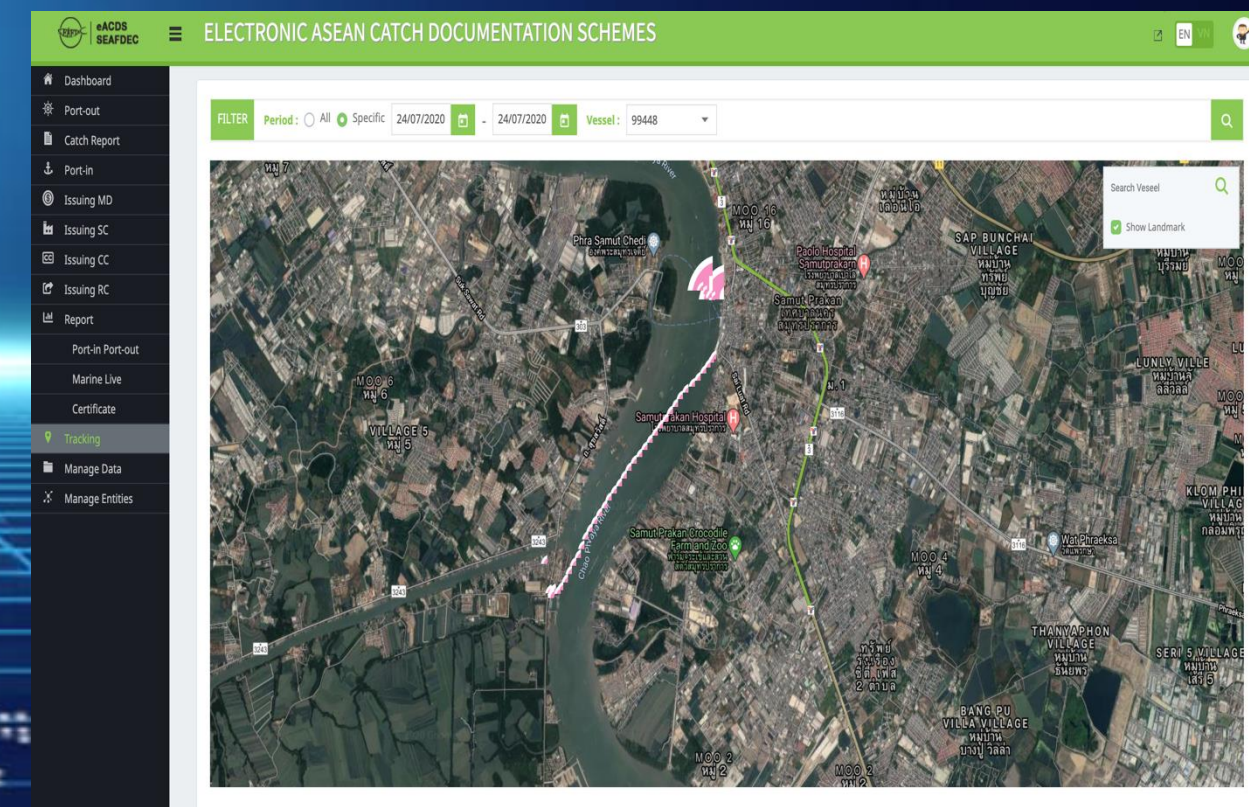
Traceability

Law and Regulation



3. Support Implementation of Effective MCS Measures

► Development and promotion of electronic ASEAN Catch Documentation Scheme (eACDS) application as prototype for traceability of fish and fishery products



What is eACDS ?

- ❖ A **prototype software** for enhancing a traceability of fish and fishery products from fishing to plate
- ❖ Implementing eACDS required good governance in fisheries management: port control, catch reporting, recording movement of fish in the supply chain, export-import, etc.



eACDS Applications



eACDS on Web-based Application



Vessel Owner/Fishing Master

Request Port-out and Port-in



Processor

- Request Statement of Catch
- Request Catch Certificate Document



Officer

- Approve Port-out / Port-in and Verify Weight
- Issuance Catch Declaration (CD)
- Issuance Movement Document (MD)
- Issuance Statement of Catch (SC)
- Issuance Catch Certificate Document (CC)
- View Reports and Manage KDEs

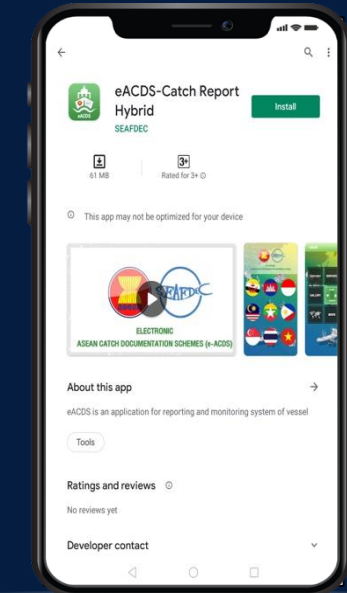


eACDS on Mobile Application



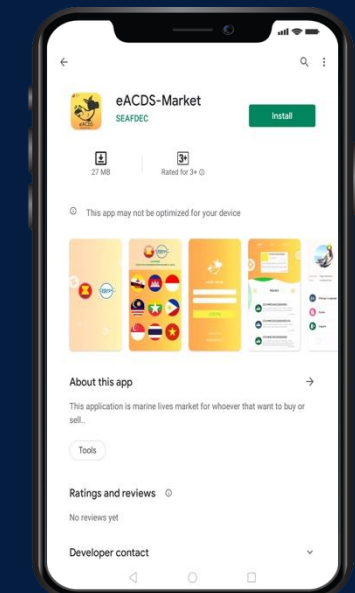
eACDS-Catch Report App.

Fishing Master/
Vessel Owner



eACDS-Market App.

Seller and Buyer



Countries Implementation of eACDS



2017



Brunei Darussalam

1 Fishing Port, 50 vessels

Muara Port

2018



Yangon, Myanmar

3 Fishing Ports, 100 vessels

- Aung Phyo Myat Jetty
- Ei Phyo Yadana Jetty
- Ngwe Pinle Jetty

2018



Binh Thuan, Viet Nam

4 Fishing Ports, 50 vessels

- Phan Thiet Fishing Port
- Lagi Fishing Port
- Phu Hai Fishing Port
- Phan Ri Cua Fishing Port

2019



Malaysia

2 Fishing Ports, 30 vessels

- Kelantan
- Kuantan

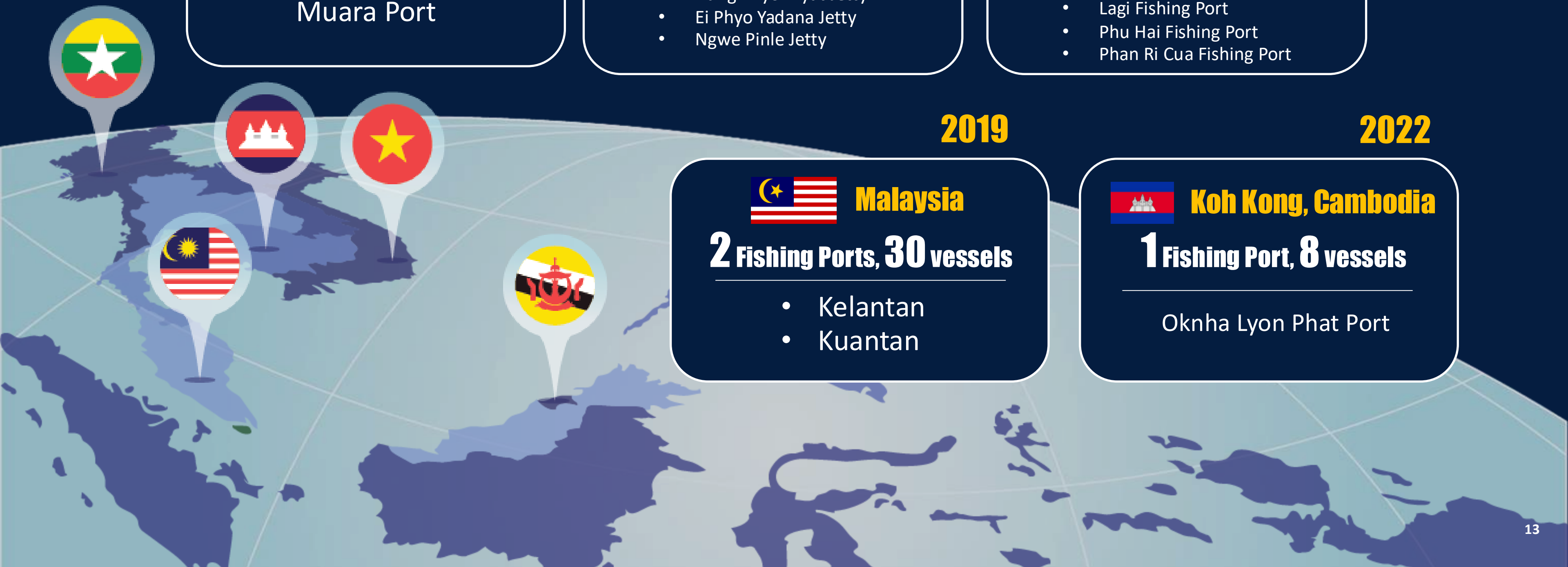
2022



Koh Kong, Cambodia

1 Fishing Port, 8 vessels

Oknha Lyon Phat Port





Achievement of eACDS Implementation

- Training and demonstration on the practical eACDS application for trainers to the effective implementation of eACDS and transfer their knowledge and understanding to relevant stakeholders.
- Participating countries trial on the use of eACDS application and successfully installed the application on its server.
- Viet Nam developed its electronic catch documentation and traceability (eCDT) based on the eACDS demonstration.

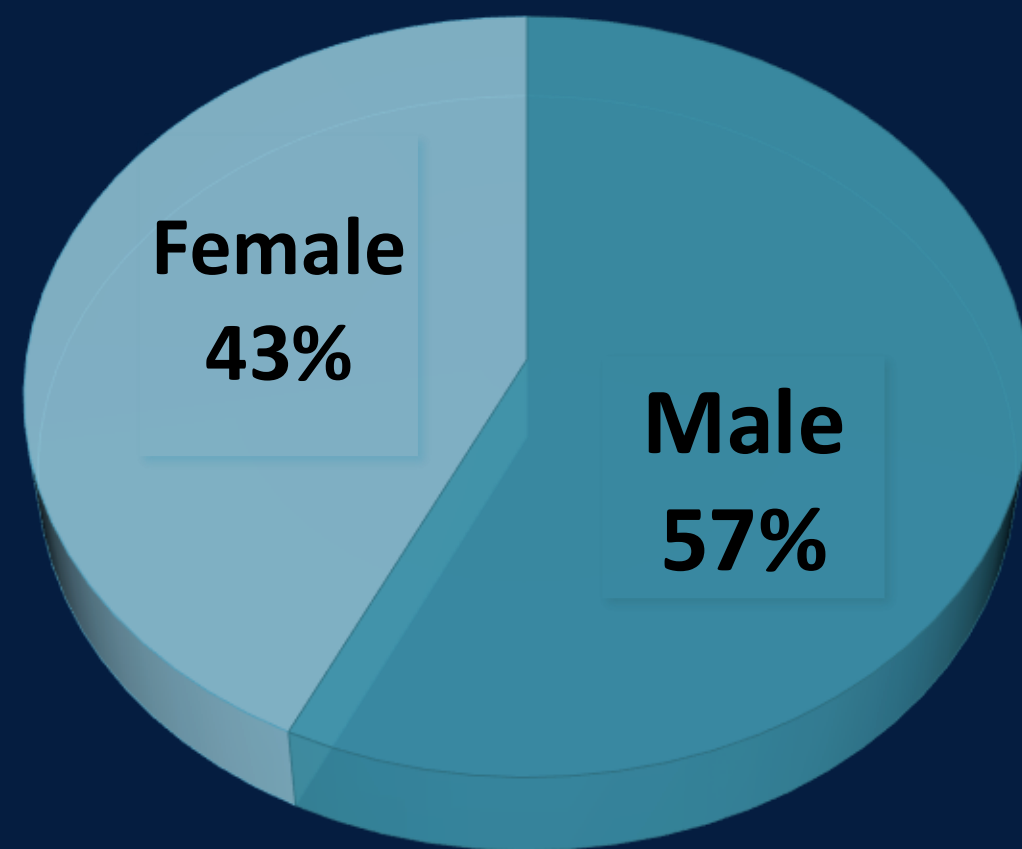


Number of Participants

(All activities under the combating IUU project)

2020–2026

Total = 1,827 participants
from
54 Activities



Remark:
Including SEAFDEC
and others organization



Priority Areas for Future Action to Combat IUU Fishing in Southeast Asia



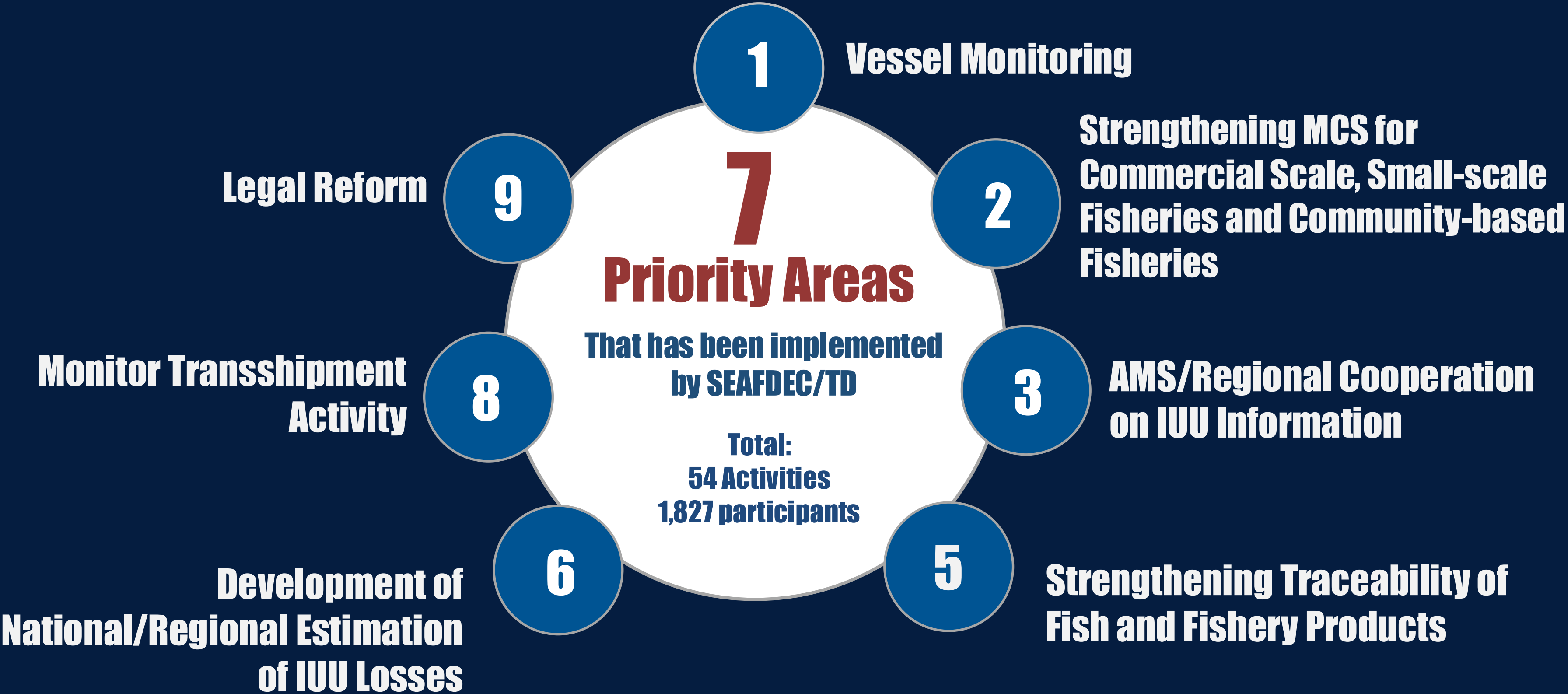
The Regional Workshop on the Project End of Strengthening Regional Cooperation and Enhancing National Capacities to Eliminate IUU Fishing in Southeast Asia

20–21 March 2024





Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)



Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)

1

Vessel Monitoring

VMS analysis to support
port inspection

5 Activities

169 Participants



Partners

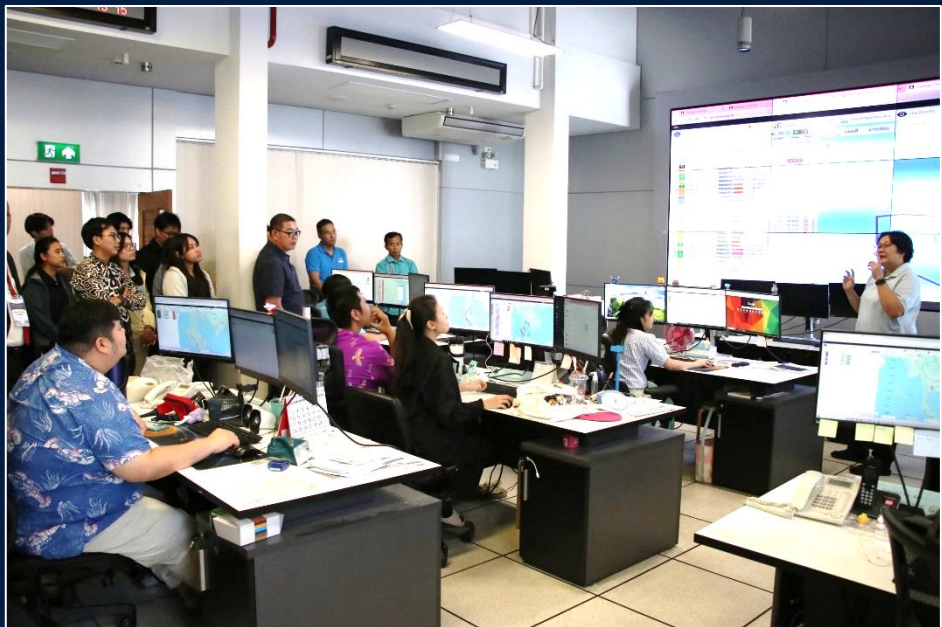


Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)

2

Strengthening MCS for Commercial-scale, Small-scale Fisheries and Community-based Fisheries

Strengthening MCS capacity, promoting MCS innovation, and responsible fishing technologies



11 Activities

343 Participants



Partners

Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)

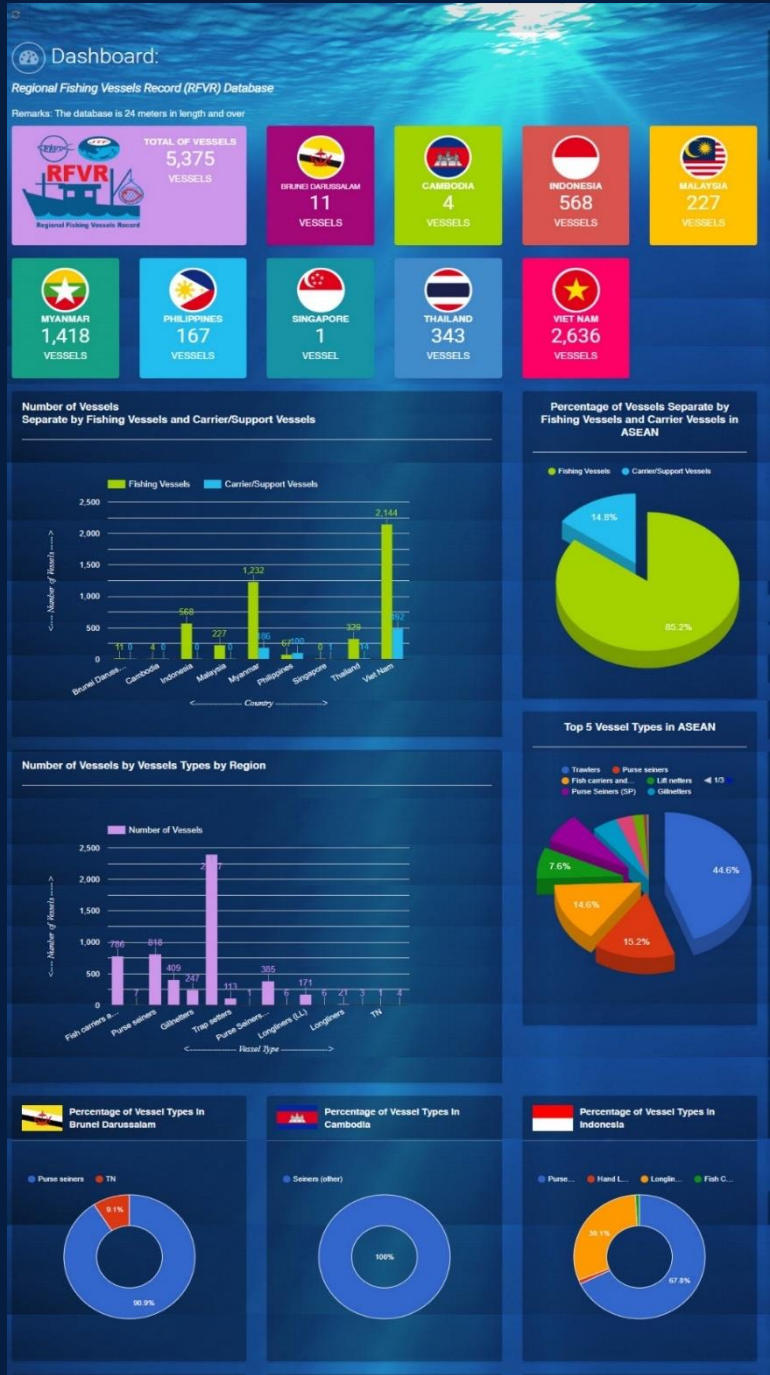
3

AMSS/Regional Cooperation on IUU Information

RFVR database development and promotion, regional information-sharing workshops, and technical consultations

9 Activities

516 Participants



Partners:



RPOA-IUU

Regional Plan Of Action To Combating Illegal, Unreported, and Unregulated Fishing

Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)

5

Strengthening Traceability of Fish and Fishery Products

Implementation of regional and national training for strengthening the traceability system

25 Activities

605 Participants



Partners:



Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)

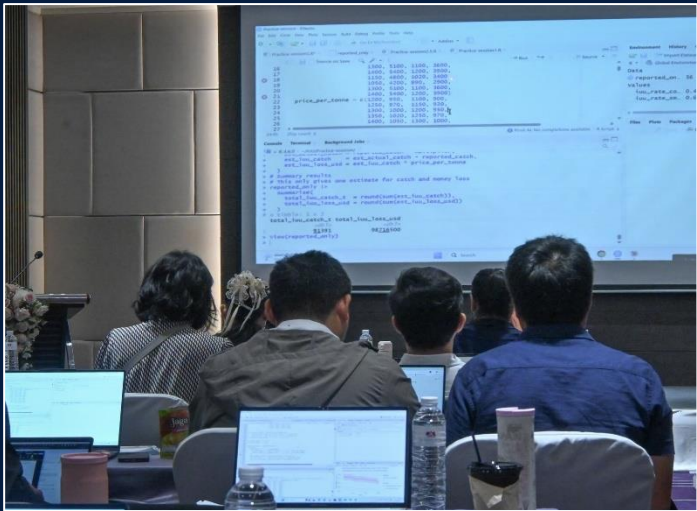
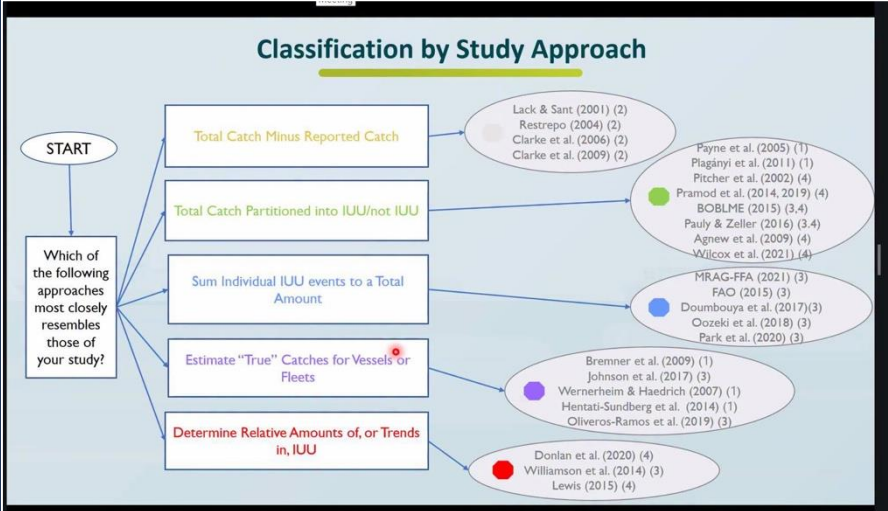
6

Development of National/Regional Estimation of IUU Losses

Provide knowledge on fishery intelligence as it is an effective tool to eliminate IUU fishing

1 Activity

37 Participants



Partners:



FFA
PACIFIC ISLANDS
FORUM FISHERIES
AGENCY

Capacity Building in the 9 Priority Areas to Combat IUU Fishing (2020-2026)

8

Monitor Transshipment Activity

Regional policy workshop on transshipment management

1 Activity

22 Participants

Partners:



9

Legal Reform

Capacity-building training on
NPOA-IUU implementation,
UNCLOS application

2 Activities

135 Participants

Partners:



Project Implementation Relevant to Combat IUU Fishing in Southeast Asia by SEAFDEC



2024 - 2027

ASEAN-JICA Capacity Building Project on IUU Fishing Countermeasures in Southeast Asia



2024 - 2028

Sustainable Management of Fisheries, Marine Living Resources and their Habitats in the Bay of Bengal Region for the Benefit of Coastal States and Communities



2025 - 2029

Enhancement of Regional Cooperation and Human Resource Development to eliminate IUU Fishing



2025 - 2027

Strengthening Regional Capacity to Combat IUU Fishing and Promote Safe, Fair and Sustainable Fisheries in Southeast Asia



2025 - 2028

Strengthening Regional Fisheries Governance to Combat IUU Fishing in the Indo-Pacific Through Capacity Building Support to the Southeast Asian Fisheries Development Center and ASEAN Member States

Thank You