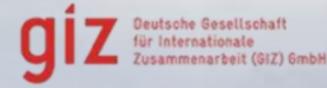




Implemented by



COUNTRY PRESENTATION

THAILAND

IMPLEMENTATION

OF MCS

TO COMBATING IUU FISHING



Regional Workshop on Information Exchange on Monitoring Control and Surveillance for Combating IUU Fishing in Southeast Asia, 24 – 26 February 2026 Bangkok, Thailand

CURRENT MCS IMPLEMENTATION



Policy

Fisheries management
↓
Management plan/ (FMP)

MCS Strategy

Scientific Research



Monitoring



MSY → TAC

Control



Surveillance



Fish stock assessment



Fleet management



Surveillance

MARINE FISHERIES MANAGEMENT PLAN: **FMP**

Thailand's Marine Fisheries Management Plan (FMP) serves as the policy and strategic framework guiding the implementation of MCS.

-  Implementation of MCS measures under the FMP
-  Application across fishing activities and related operations
-  Risk-based inspection and enforcement approach
-  Information sharing and operational coordination among competent authorities, supported by FMC



MONITORING

DATA COLLECTION AND ANALYSIS



Fisheries resources status

- Collection of catch data by species and fishing area
- Monitoring of stock status and reference points, including MSY
- Analysis of species composition and size structure
- Assessment of trends in key commercial species



Fishing activity and effort

- Monitoring of fishing effort, including fishing days and gear types
- Tracking of fishing locations and operational patterns
- Analysis of fishing behaviour to identify irregular or high-risk activities
- Cross-checking reported fishing activities with other information sources



Environmental conditions

- Collection of environmental data relevant to fisheries management
- Monitoring of habitat conditions and ecosystem indicators
- Analysis of environmental variability affecting fishing patterns
- Integration of environmental information into sustainable fisheries planning

Technology

- **VMS, ERS, EM, e-logbook, Fishing Info**

CONTROL

REGULATORY AND MANAGEMENT MEASURES

Fishing Effort Management

Control on fishing capacity

- Limitation of fishing licenses and vessel registration
- Control of fishing days and operational periods
- Regulation on type, size, and amount of fishing gear
- Measures to prevent overcapacity in specific fisheries

Regulatory Measures on Fishing Operations

- Mesh size limitation
- Seasonal area closure
- Ban of destructive gears
- Fishing zone demarcation
- Marine protected areas

Catch Control Measures

Control on catch

- Catch limits and management measures for selected fisheries
- Monitoring and control of catch composition and size
- Measures to prevent illegal landing and misreporting

Technology

e-PIPO, Risk-based assessment

SURVEILLANCE COMPLIANCE VERIFICATION AND ENFORCEMENT



Verification of compliance with fisheries laws and management measures



Risk-based inspection and monitoring at port and at sea



Detection, deterrence, and enforcement actions and sanctions under national law



Information sharing and coordination on IUU and suspected vessels through integrated platforms

Technology

• VMS, EM, PSMART, Onboard observer, e-PIPO, AN-IUU Interactive Platform

CHALLENGES IN MCS IMPLEMENTATION

1. Integration and consistency of fisheries-related data across multiple systems
2. Complexity of fishing operations, including distant-water activities
3. Capacity and resource constraints for monitoring and enforcement
4. Ensuring effective compliance across the fisheries value chain

CURRENT PSM IMPLEMENTATION

Law & Regulation



Agreement on Port State Measures (PSMA)



Royal Ordinance on Fisheries B.E.2558 (2015)
Royal Ordinance on Fisheries(No.2) B.E.2560 (2017)
- section 94 95

Before port entry

- AREP and required document
- Designated Ports
- AIS Analysis (Pre-arrival risk assessment)
- Issues Notification

Vessel inspection at port

- Inspects vessels following risk assessments
- Checks original documents, equipment and catches on board
- Checks external identification
- Issues Port Inspection Report (PIR)
- Reports PIR to Flag States via PPS , GIES

Offloading control

- Checks hatches
- Record weight, species and fishing vessel information
- Monitor sizing at the Processing plant
- Issues Imported Aquatic Animal Movement Document (IMD)



CHALLENGES IN PSM IMPLEMENTATION

1. Verification of documentation and catch information from foreign vessels

2. Timely information exchange with flag States and regional partners

3. Managing port inspection workload with risk-based prioritization

4. Harmonizing procedures across ports and agencies

LEGAL FRAMEWORK SUPPORTING MCS

National fisheries law and subsidiary regulations



Legal authority for licensing, inspection and enforcement



Implementation of international instruments, including UNCLOS, PSMA and relevant international obligations



Clear mandate and coordination mechanisms among competent authorities



WAY FORWARD AND REGIONAL COOPERATION



Strengthening data integration and analytical capacity at national level



Enhancing risk-based MCS and PSM implementation



Continuous capacity building and institutional coordination



Enhancing regional cooperation through information-sharing



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THANK YOU

“FISHERIES CONNECT FOR SUSTAINABILITY”

ขอบคุณครับ/ค่ะ