

THE INDONESIAN GOVERNMENT'S COUNTERMEASURES TO COMBAT IUU FISHING

Delivered by:

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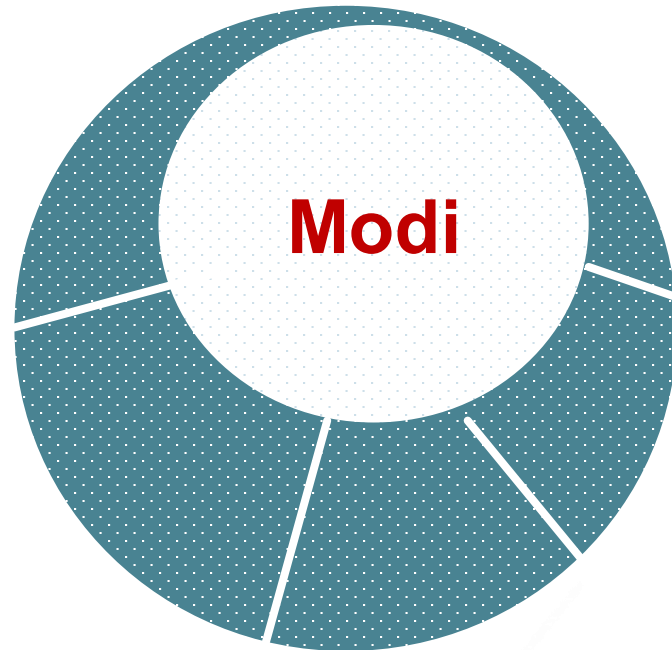
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**The Workshop on Strengthening Regional
Fisheries Governance and Technology Integration to Combat IUU Fishing in the Indo-Pacific
Bangkok, 17-19 March 2026**

Modi Operandi of IUU Fishing in Indonesia's Waters



Foreign Fishing Vessel

- Fishing without authorization (poaching)
- Blast Fishing



Domestic Fishing Vessel

- Fishing without license, expired fishing license, incomplete documents
- Fishing in unauthorized fishing zones
- Fishing in conservation areas/MPAs
- Fishing using restricted fishing gears
- Blast fishing
- Unauthorized transshipment
- Unloading catches at unauthorized port
- Detaching / Switching off VMS device

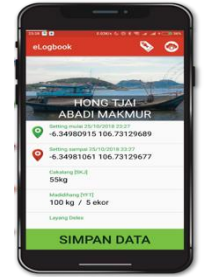
1. Indonesia's Legal and Regulatory Framework for Fisheries

- **Law No. 45 of 2009** on Amendment to Law No. 31 of 2004 regarding Fisheries.
- **Law No. 6 of 2023** on the Enactment of Government Regulation in Lieu of Law No. 2 of 2022 regarding Job Creation into Law (Omnibus Law).
- **MMAF Regulation No. 23 of 2021** on Operational Feasibility Standards and Fishing Vessel Monitoring System.
- **MMAF Regulation No. 33 of 2021** on Fishing Logbook, Monitoring on Board Vessels, Inspection, Testing, and Marking of Fishing Vessels, as well as Crewing Governance.
- **Government Regulation No. 11 of 2023** on Measured Fish Catching (*Penangkapan Ikan Terukur*).

2. Indonesia's Fisheries Management & MCS Measures

MONITORING

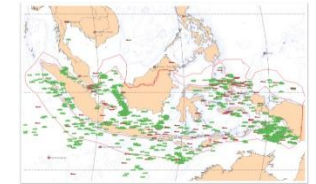
- **Observer Program:** record catch, collect biological data of fish, collect effort data, monitor transshipment
- **Electronic Fishing Log Book:** Catches are reported through smartphone
- **Fish landing record:** catches record by port officers



e-Log Book

CONTROL

- **National Fisheries Regulatory Framework**
- **Management measures:** input control, technical control, and output control
- **Fishing Vessel Registration:** Buying or Building Vessel Permit, Marking, Vessel Record
- **Licensing and Authorization to Fish:** online system of owner license and individual vessel license
- **Port State Measures**



VMS

SURVEILLANCE

- **Inspection before fishing and Port Clearance:** Inspection by fisheries inspectors (technical aspects) and Port Masters (safety and manning aspects)
- **Vessel Monitoring System (VMS):** for national-licensed fishing boats, in 2025 will be mandatory for provincial-licensed fishing boats
- **Air Surveillance:** monitor fishing activities and collect evidence through patrol aircraft
- **Fisheries Patrol:** conducted by Fisheries Inspectors onboard Fisheries Patrol Vessels
- **Landing Inspection:** verify the legality of catches by Fisheries Inspectors
- **Community-based Surveillance:** assist government in conducting fisheries surveillance and reporting violation
- **Fisheries Enforcement:** administrative sanctions and judicial proceedings

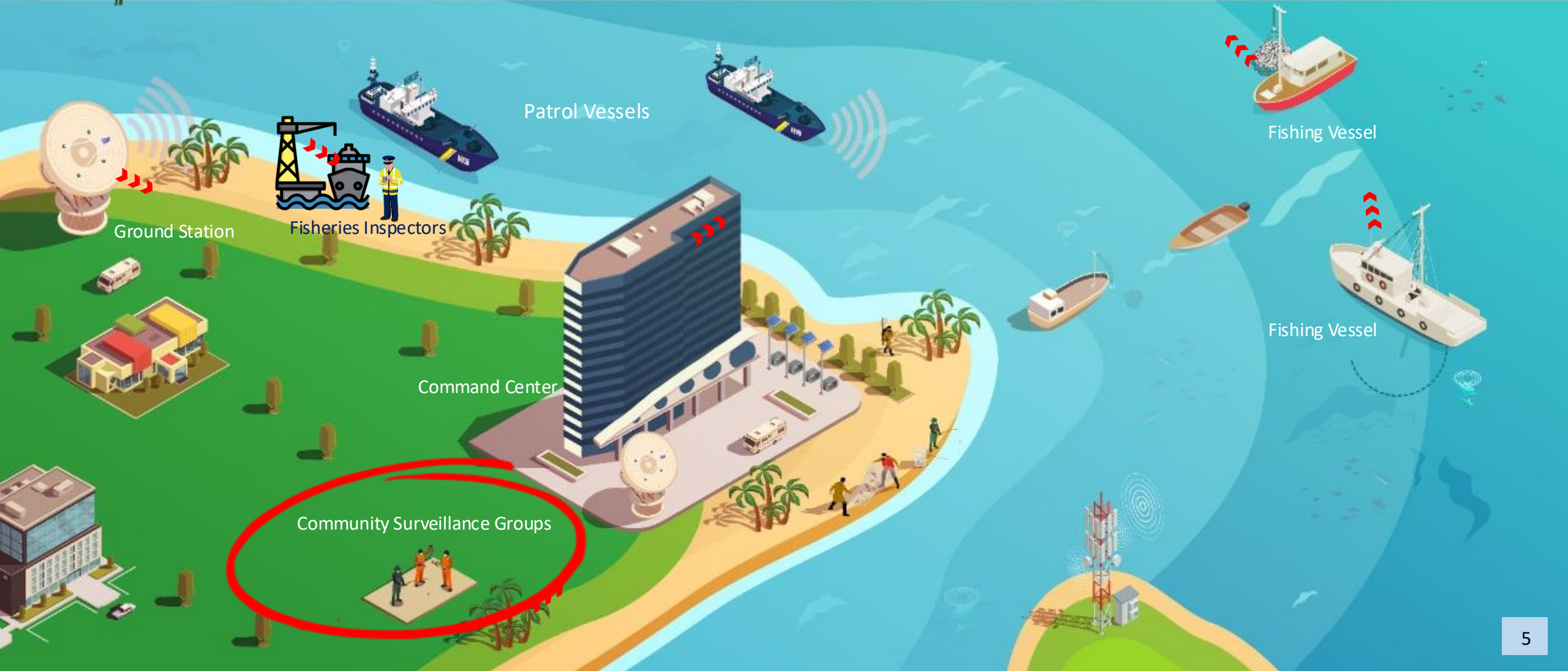


Patrol Aircraft

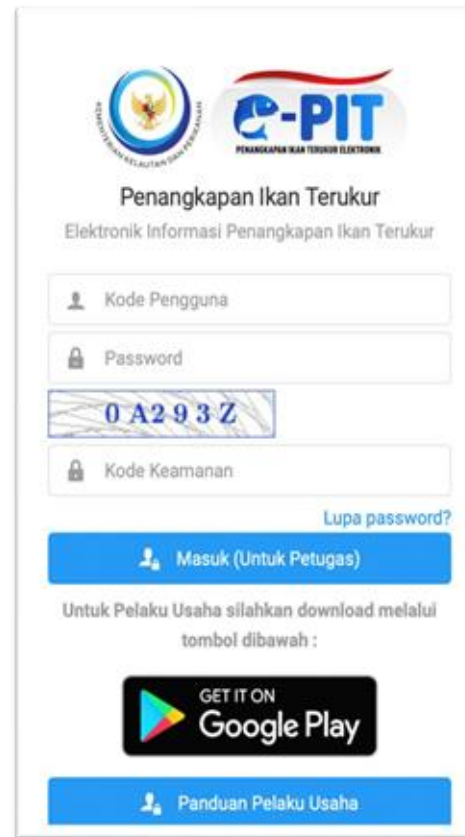


Fisheries Patrol Vessel

3. Integrated Surveillance System



5. The Development of the Integrated Fishing apps "e-PIT"



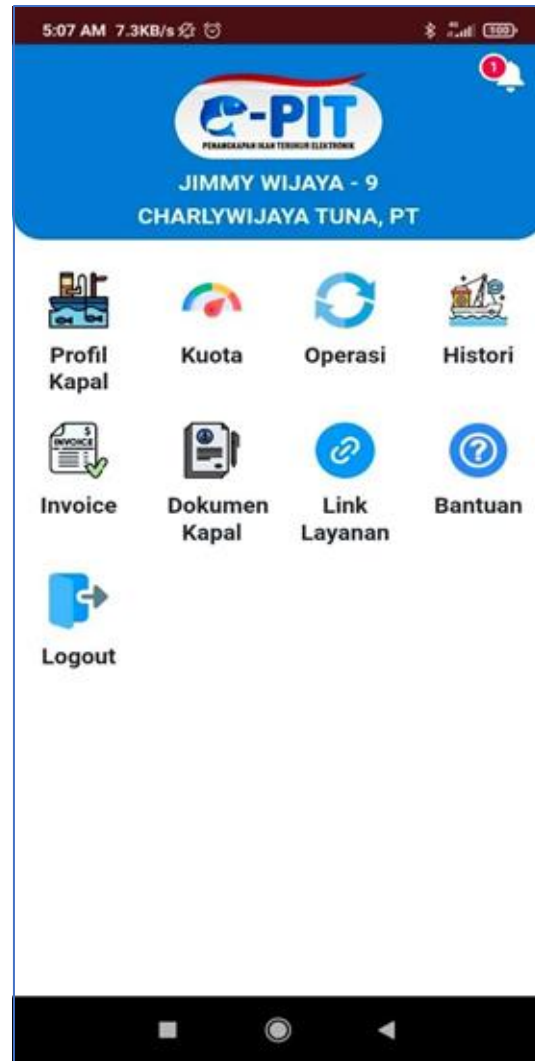
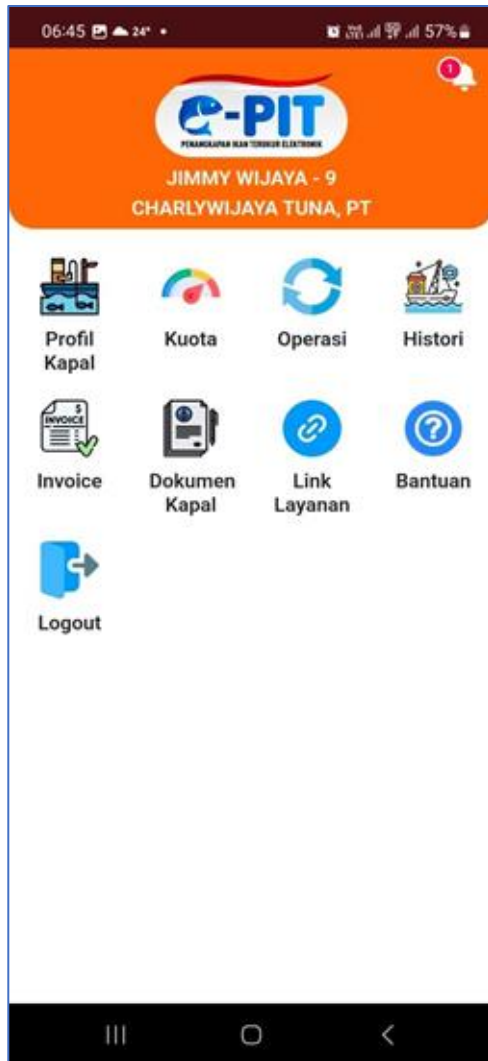
Integrated Services

- 1. SILAT : License Data
- 2. SIPALKA : Fishing Vessels Registration Data
- 3. TemanSPB : Sail Permit
- 4. eSLO : Legal Operation Standard of Fishing Vessels
- 5. Simphoni : Notification of billing payment of non-tax revenues
- 6. PIPP : Fish landing data
- 7. SILOPI : Electronic fishing log book

Platform

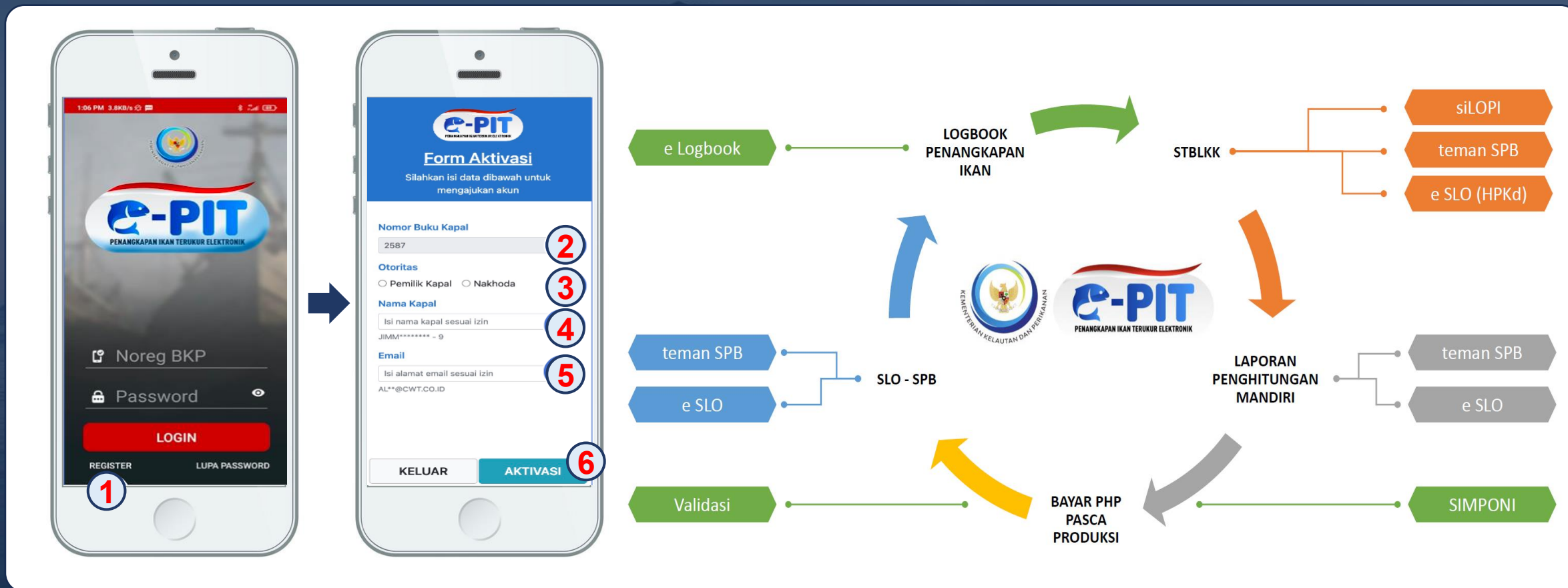
- 1. Web base : <https://integrasi.djpt.kkp.go.id/pit>
- 2. Android Base : <https://bit.ly/e-PIT>

The Development of the Integrated Fishing apps "e-PIT"

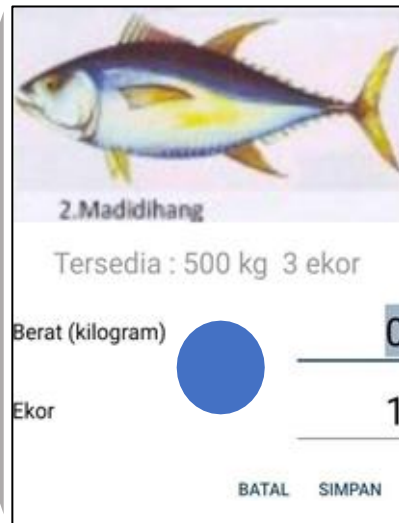




Integration of the Electronic Fishing *Logbook* into e-PIT



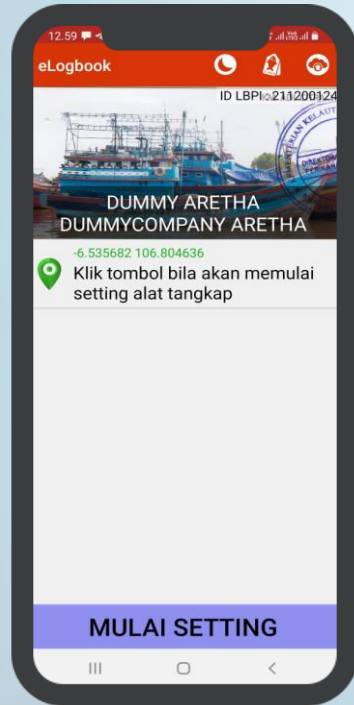
The Development of the Integrated Fishing apps "e-PIT"



Electronic Fishing Log Book

- ❖ Offline feature
- ❖ Position is generated automatically by the GPS

Source: DG of Capture Fisheries



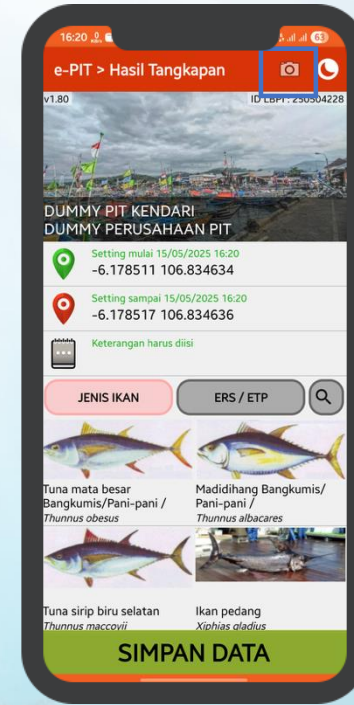
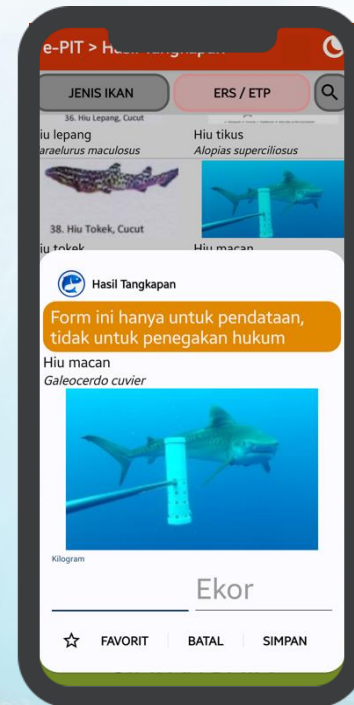
E-Logbook version 1.0 (2018)

- Digitalization of logbook submission from a paper-based system.
- Independent electronic submission of fishing catch logbooks.



E-Logbook version 2.0 (2019-2023)

- Addition of fish image feature for data entry
- Addition of fish sampling feature (ETP/ERS)
- Multi-trip submission for small-scale vessels
- Integration with e-PIT



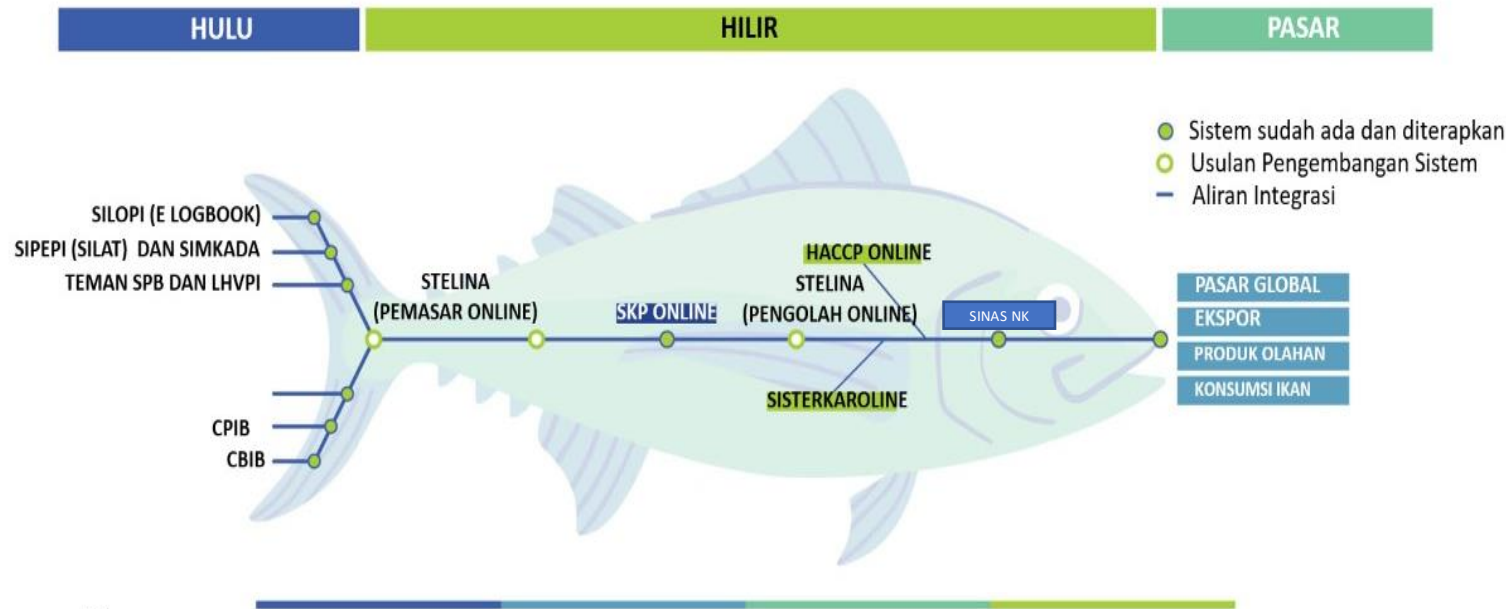
E-Logbook version 3.0 (2025)

- Identification fish species using camera (currently limited to certain species, e.g., tuna)
- Tracking of fishing locations through the application



6. The National Traceability System (STELINA) Indonesian Quarantine Agency

TRACEABILITY REQUIREMENTS FROM MAJOR IMPORTING STATES



1. EU Catch Certificate (EC Regulation No.1005/2008)
2. US Seafood Import Monitoring Program
3. Japan anti-IUU Act

<https://stelina.kkp.go.id/>



Possible development?
Data integration to e-ASEAN CDS?

Keterangan:

E-LOGBOOK	--	CBIB	-- Sistem Informasi Sertifikasi Cara Budidaya Ikan yang Baik
SILAT	-- Sistem Informasi Izin Layanan Cepat	AQUA CARD	-- Sistem perizinan online untuk kegiatan usaha perikanan budidaya
SIMKADA	-- Sistem Informasi Kapal Izin Daerah	SISTERKAROLINE	-- Sistem Karantina Ikan
TEMAN SPB	-- Sistem Informasi Ijin Berlayar	HACCP ONLINE	-- Sistem Sertifikasi Keamanan Mutu
LHVPI	-- Sistem Informasi Verifikasi Hasil Tangkapan Ikan	SKP ONLINE	-- Sistem Informasi Sertifikasi Kelayakan Pengolahan Ikan
CPIB	-- Sistem Informasi Sertifikasi Cara Pembenihan Ikan yang Baik	IPHP ONLINE	-- Sistem Informasi Impor Hasil Perikanan

7. Strengthening Patrol Fleet



Strengthening the Patrol Fleet by Receiving two units of **Fisheries Patrol Vessels** granted by the Government of Japan and Build two units of Fisheries Patrol Vessels and The Government of **Spain** is providing a foreign loan (soft loan) to the Government of Indonesia for strengthening maritime and fisheries surveillance with the MFISS project (2025-2028)

8. Community-based Surveillance



- In 2025, MMAF has supervised 3000 community surveillance groups
- MMAF provides rewards for community surveillance groups' active participation annually

ROLES OF CSG

Reporting fisheries violation

Assist government in raising people's awareness to improve compliance

Assist government in conducting fisheries surveillance

Willing to give testimony for fisheries enforcement and judicial proceedings

9. Indonesia-Australia Fisheries Surveillance Forum

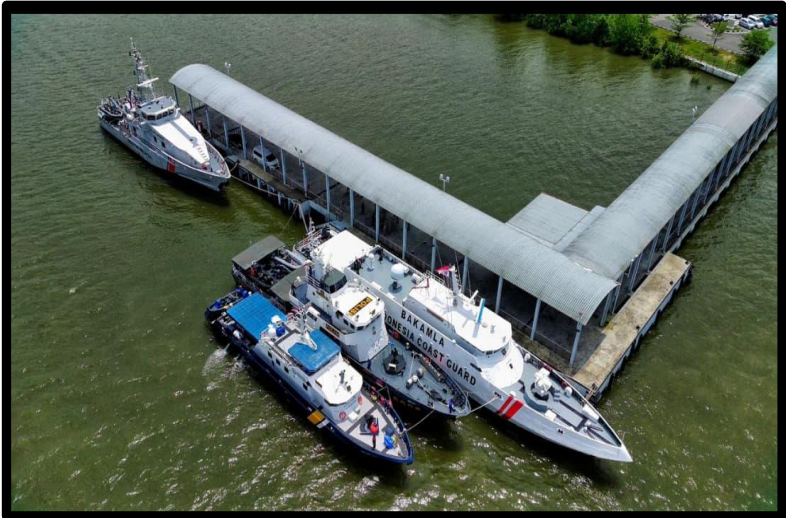


Regular meeting and information sharing with Australian Fisheries Management Authority (AFMA) and Australian Border Force (ABF)

Public Information Campaign

Coordinated Patrol GANNET & Jawline-Arafura

Malaysia-Indonesia Coordinated Patrol



Regular meeting, information sharing, and Coordinated Patrol

RPOA-IUU & AN-IUU



RPOA-IUU: 11 participating countries
Regular meeting, information sharing, capacity building

Indonesia active participation as RPOA-IUU Secretariat and member of Arafura and Timor Seas (ATS) & Southeast Asian Seas and Coastal States, Sulu-Sulawesi Seas (SSS) MCS Subregional Group



ASEAN Network for Combating IUU Fishing (AN-IUU)

Sharing information and strengthening regional collaboration against IUU fishing

Conclusion

- ❖ Indonesia has implemented various measures to combat IUU fishing.
- ❖ Indonesia continues to strengthen monitoring systems, law enforcement, and technological innovation.
- ❖ Stronger regional cooperation is key to combating IUU Fishing in the Indo-Pacific



Ministry of Maritime Affairs and Fisheries
Republic of Indonesia

THANK YOU