

## Indonesia Bali Strait sardinella lemuru - purse seine and gillnet

### Overview

#### FIP Description

The Lemuru Fishery Improvement Project (FIP) is a sustainability initiative focused on the responsible management of the lemuru fishery in the Bali Strait. Initiated by the Local Fishery Government (DKP) Province of East Java, this project involves collaboration with multiple stakeholders and is now spearheaded by two Muncar-based companies, PT. Sumber Yala Samudra and PT. Sarana Tani Pratama.

The improvement project aims to promote responsible fishing practices using purse seine and gill net gear types in the Bali Strait (Selat Bali), focusing on the Lemuru stock within Indonesia's Fishery Management Area (FMA) 573. These two gear types are the primary methods used by local fishers to target Lemuru—purse seines are commonly operated by larger vessels in coordinated fleets (pairs), enabling efficient capture of schooling fish, while gill nets are more widely used by smaller-scale, artisanal fishers due to their simplicity and lower operational cost. In local terms, purse seines operated in pairs are also called 'husband and wife' because they cannot operate as a single unit.

The project supports efforts to improve catch selectivity, reduce bycatch, and manage fishing capacity to ensure the long-term health of Lemuru stocks. It also seeks to align with broader environmental sustainability objectives while strengthening the economic resilience of coastal fishing communities and promoting sustainable business practices throughout the value chain. Ultimately, the project aims to balance ecological conservation with the socio-economic needs of those who depend on the fishery.

### How is this FIP Doing?

#### Current Status:

25%

61%

14%

**Actions Progress** This shows the proportion of actions in the workplan that the FIP has completed.

0%

**Actions Overview** This shows the proportion of actions that are behind schedule, on track, completed, or not yet started.

Behind	On Track	Complete	Future
0%	86%	0%	14%

**Red Indicator Progress** This shows the proportion of actions specifically addressing red indicators that are behind schedule, on track, completed, or not yet started. This helps users understand the progress the FIP is making on the biggest challenges in the fishery.

Behind	On Track	Complete	Future
0%	100%	0%	0%

### FIP Objective(s)

The main goal of this FIP is to enter MSC full assessment by September 2029 or sooner. To achieve this goal, several objectives have been outlined as follows:

#### 1. Maintain Stock Status Around MSY by January 2028

The FIP aims to maintain the stock status of Lemuru around the Maximum Sustainable Yield (MSY) by developing and implementing a robust and precautionary Harvest Strategy and Harvest Control Rules (HCRs). These measures will help reduce the level of exploitation as the stock approaches the point of recruitment impairment.

#### 2. Reduce Bycatch of Non-Target Species by 2026

The FIP aims to reduce bycatch of non-target species, including **endangered, threatened, and protected (ETP)** species, within the fishery. Additionally, the FIP will develop and implement mitigation measures to ensure that serious or irreversible damage to these species does not occur. By 2026, the FIP aims to reduce bycatch of non-target species, including endangered, threatened, and protected (ETP) species in the fishery and develop mitigation measures to ensure that serious or irreversible damage does not occur.

#### 3. Increase Fishery Compliance and Stakeholder Participation by February 2027

The FIP aims to enhance fishery compliance and foster greater stakeholder participation in the decision-making process to ensure effective and inclusive governance.

### FIP Type

Comprehensive

FIP Stage

Stage 2: FIP Launch

Start and Projected End Dates

October, 2024 -

September, 2029

Species

Common Name

Pacific Sardine

Scientific Name

Sardinella lemuru

Gear Type

[Gillnet](#)

[Purse Seine](#)

Location

FAO Major Fishing Area

[Area 57 \(Indian Ocean, Eastern\)](#)

Exclusive Economic Zones

Country

Indonesia

Geographic Scope

Bali Strait, FMA 573

Regional Fisheries Management Organization (RFMO)

High Seas Name

Indian Ocean

Estimated Total FIP Landings

5000 metric tons

## FIP Leads

**Organization Name**

Independent Consultant

**Organization Type**

Consultant

**Primary Contact**

Heri

**Email**

[heri.heri.0780@gmail.com](mailto:heri.heri.0780@gmail.com)

**Phone**

08129545598

**Website Name**

[Kolektif](#)

---

**Organization Name**

DKP East Java Province

**Organization Type**

Other

**Primary Contact**

Titin Lutfiana

**Email**

[diskanla@jatimprov.go.id](mailto:diskanla@jatimprov.go.id)

**Website Name**

[DKP Jawa Timur](#)