

## Peru anchovy - industrial purse-seine

### Overview

#### FIP Description

Among the coastal pelagic species of the Northern Humboldt Current System (NHCS), Peruvian anchovy (*Engraulis ringens*) is predominant and it supports one of the most important single species fisheries worldwide. Peruvian anchovy landings by the industrial sector are used for indirect human consumption. The NHCS is an important sector of one of the most productive world marine ecosystems: the Humboldt Current Large Marine Ecosystem. The Humboldt Current extends along the coasts of Chile and Peru; the NHCS corresponds to Peru.

In 1955, the first management measures for the Peruvian anchovy fishery were implemented, when a minimum catch size of 12 cm and a minimum mesh size were established. In the 1970s, new measures were drafted related to catch control by means of establishing annual global fishing quotas.

There are three fishing fleets targeting the Northern-Central stock of Peruvian anchovy: there is an artisanal fishing fleet of vessels of less than 10 m<sup>3</sup> GRT; a small-scale fishing fleet of vessels of more than 10 m<sup>3</sup> GRT and less than 32.6 m<sup>3</sup> GRT; and an industrial fishing fleet of vessels larger than 32.6 m<sup>3</sup>. Only industrial landings are to be used to produce fishmeal.

Currently, the most important fishery management measures are:

- Total allowable catches
- Maximum Allowable Catch per Vessel (industrial fleet)
- Minimum catch size of 12 cm
- Minimum mesh size 13 mm – ½”
- Regulation of the fishing capacity or effort of fishing vessels
- Time and space closures for the protection of juveniles and the reproductive process
- Exclusion zone for industrial fishing up to 5 marine miles from the coast
- Establishing a maximum percentage of bycatch of other species, maximum 5% of the catch.
- Establishing a Surveillance and Control Program of Marine Fishing and Landing, as well as Satellite Follow Up.

Regarding research, the Peruvian fishery research institute (Instituto del Mar del Perú, IMARPE) dedicates significant financial and human resources to the follow-up and research of this fishery. It benefits from a large data flow, both regarding the Peruvian anchovy stock as well as the group of variables and impacts related to it. Also, during the last fifty years, industrial vessels have participated from activities related to fishing data collection.

At the start of this FIP, the main issues regarding the sustainability of the fishery were:

1. It is necessary to demonstrate that the fishery complies with the requirement of attending the needs of the ecosystem.
2. It is required that harvest control rules in a low biomass scenario are more explicit, as well as the management objectives related to the ecosystem.
3. It is necessary to address unreported fishing and illegal vessels, which represent a potential danger for the sustainability of the fishery.
4. It is necessary to achieve a better understanding of the direct impacts of the Unit of Assessment on ETP species and habitats.

[Perfil de FIP en Español](#)

## How is this FIP Doing?

### Current Status:



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

67%

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

Behind	On Track	Complete	Future
33%	0%	67%	0%

#### FIP Progress Rating

A - Advanced Progress

#### FIP Objective(s)

- [COMPLETE] To demonstrate that the management system considers the ecosystem needs by August 2020.
- [COMPLETE] To make improvements in the management system that would allow for explicit harvest control rules in the case of low biomass, by January 2021.
- [COMPLETE] To organize the available data gathered by the industrial fishing vessels and encourage further technological innovation and development in order to allow for the assessment and monitoring of the ecosystem by March 2020.
- [ON TRACK] To make management improvements and actions to maximize the respect of management rules by the artisanal and small-scale fleet and to improve traceability, while contemplating any selectivity and technological innovation limitations by December 2028.
- [ON TRACK] Determining the direct impacts of the fleet on ETP species and other ecosystem components and, if necessary, devise proposals to mitigate them by December 2028.
- [ON TRACK] To achieve a certifiable status by December 2028.

#### FIP Type

Comprehensive

#### FIP Stage

Stage 5: Improvements on the Water

#### Start and Projected End Dates

January, 2017 -  
December, 2028

#### Species

**Common Name**

Anchoveta

**Scientific Name**

Engraulis ringens

**Gear Type**

[Purse Seine](#)

**Location****FAO Major Fishing Area**

[Area 87 \(Pacific, Southeast\)](#)

**Exclusive Economic Zones****Country**

Peru

**Regional Fisheries Management Organization (RFMO)****High Seas Name**

Pacific Ocean

**Estimated Total FIP Landings**

4086699 metric tons

## FIP Leads

**Organization Name**

CeDePesca

**Organization Type**

NGO

**Primary Contact**

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**Website Name**

[CeDePesca's Peru anchovy - industrial purse-seine FIP Site](#)

**Organization Name**

Sociedad Nacional de Pesquería

**Organization Type**

Industry

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