

“Chile Patagonian Toothfish, Artisanal Long Line”

FIP ID: 25285



Alejandro Karstegl

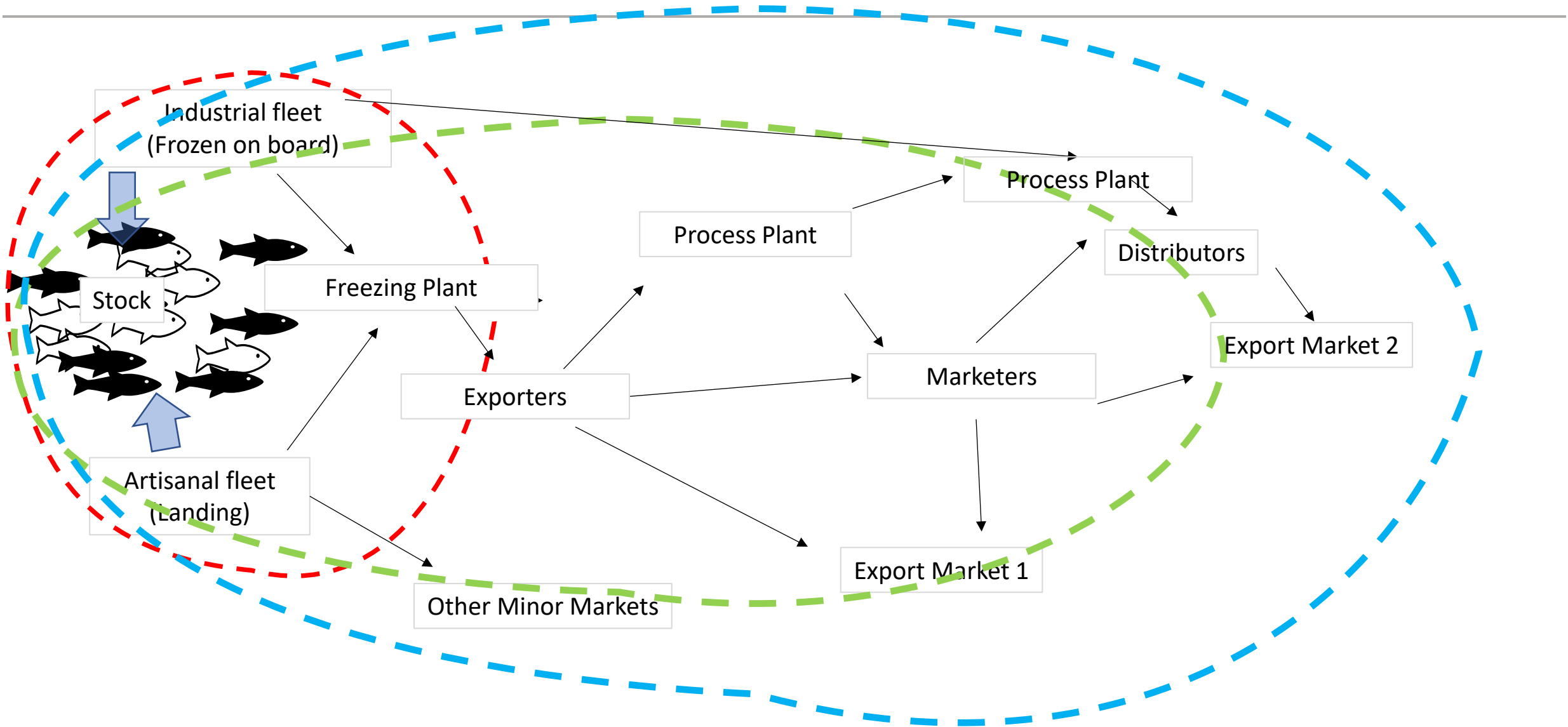
May 20th, 2025

History of the fishery.

In Chile, Chilean Sea Bass, Patagonian Toothfish, Bacalao de Profundidad (*Dissostichus eleginoides* Smitt, 1898) began to be commercially exploited in the 1970s by an artisanal fleet in the central zone. The fishing activity that is based on this resource developed rapidly, extending its operation to the north and mainly to the south, where yields were higher. Currently, the artisanal fleet operates with base ports in Iquique, Antofagasta, Caldera, San Antonio, Constitución, San Vicente, Lebu, Valdivia, and Quellón.



General Scheme of the Fishery



Chile Patagonian toothfish – bottom longline

Overview Details Improvement Progress Actions Progress Social Performance

Overview

Follow this FIP Print PDF

Please login to follow.

FIP at a Glance

ENVIRONMENTAL [View current status](#)

Starting Evaluation: April 01, 2025

32% 7% 81%

Progress Rating: NOT YET AVAILABLE

Actions Complete: 100%

Next Update Due: OCT 2025

Target End Date: DEC 2030

Additional Impacts: TRACEABILITY

SOCIAL

Risk Assessment: Not Required

Type: N/A

Due Date: -

FIP Leads

Organization Name
South Pacific Fish

Organization Type
Industry

Primary Contact
Soledad Morales

FIP Description
The artisanal fishery of Patagonian Toothfish (*Dissostichus eleginoides*) with bottom longlines, is developed specifically in the area located between the parallel 47° LS to the northern limit of Chile, it is a relevant activity within the nationa

FIP Objective(s)
The general objective is to promote improvements to the fishery that will allow the fishery to begin the path to MSC certification.

- Specific objective N1 aims to contribute to improving the quality and representativeness of the fishery information used as input for stock assessment and management measures. To this end, by the end of the 2027, a self-reporting logbook system is expected to be designed and operationally ready for use by at least 25% of the FIP participating fleet. By the end of 2030, the collected and validated information is expected to be available for consideration in the official monitoring program and stock assessment models, thereby reducing the uncertainty in the analysis unit estimates. It indirectly contributes to improving status definition and the implementation of stock recovery programs (if applicable), increases data quality, and generates better information to support established management measures (or new measures, if required).
- Specific objective N2 seeks to contribute to the development of management measures that reduce some of the gaps in the fishery so that it can advance towards MSC certification. This objective aims to generate information for primary and secondary species through self-reported logbooks. By 2028, a bycatch diagnosis is expected, along with possible action proposals if needed. By the end of 2030, the objective is to contribute with proposed protection measures for primary and secondary species. This objective also aims to contribute to the process of defining the fishery's specific objectives and make

Name: Chile Patagonian Toothfish, Bottom Long Line

ID number: 25285

Type: Basic

Species: *Dissostichus eleginoides*

Vernacular Name: Bacalao de profundidad (Patagonian Toothfish, Chilean Seabass)

Art: Bottom longline

Country: Chile

Geographical Scope: From the northern limit of Chile to 47°LS, within the EEZ

Ship's Flag Country: Chile

Actual number of vessels: 26

Description of the vessel: Artisanal boats, up to 18 meters in length, hold of up to 50 GRT, with formal authorization for Deep-Sea Cod, sanitary authorization to export. Bottom spinel fishing gear.

Publication Date: April 18, 2025

Principle	Component	PI #	Performance Indicator	Scoring category
1	Outcome	1.1.1	Stock status outcome	<60
		1.1.1A	Status of LTL stocks	N/A
		1.1.2	Stock rebuilding outcome	<60
	Management	1.2.1	Harvest Strategy	60-79
		1.2.2	Harvest control rules	<60
		1.2.3	Information and monitoring	<60
		1.2.4	Assessment of stock status	<60
2	Other species	2.1.1 / 2.2.1	Other species outcome	<60
		2.1.2 / 2.2.2	Other species management	<60
		2.1.3 / 2.2.3	Other species information	<60
	ETP species	2.3.1	ETP species outcome	<60
		2.3.2	ETP species management	60-79
		2.3.3	ETP species information	60-79
	Habitats	2.4.1	Habitats outcome	<60
		2.4.2	Habitats management	<60
		2.4.3	Habitats information	<60
	Ecosystem	2.5.1	Ecosystem outcome	60-79
		2.5.2	Ecosystem management	60-79
2.5.3		Ecosystem information	<60	
3	Governance & policy	3.1.1	Legal and customary framework	>80
		3.1.2	Consultation, roles and responsibilities	>80
		3.1.3	Long term objectives	>80
	Fishery specific management system	3.2.1	Fishery-specific objectives	<60
		3.2.2	Decision-making processes	60-79
		3.2.3	Compliance and enforcement	<60
		3.2.4	Management performance evaluation	60-79

FIP Environmental Rapid Assessment Tool results

Objectives of the FIP

The main objective is to promote improvements that will allow the fishery to start on the path to MSC certification.

Specific objective N1 aims to contribute to improving the quality and representativeness of fishery information used as an input for stock assessment and management measures.

To this end, by the end of 2027, it is expected that by the end of 2027 it will be designed and operationally ready for use by at least 25% of the fleet participating in the FIP.

By the end of 2030, the collected and validated information is expected to be available for consideration in the official monitoring program and stock assessment models, thereby reducing uncertainty in the estimates of the units of analysis.

It indirectly contributes to improving the definition of status and implementation of stock recovery programs (if applicable), increases data quality, and generates better information to support established management measures (or new measures, if necessary).

Objectives of the FIP

The main objective is to promote improvements that will allow the fishery to start on the path to MSC certification.

The specific objective N2 seeks to contribute to the development of management measures that reduce some of the gaps in the fishery so that it can move towards MSC certification.

This objective seeks to generate information on primary and secondary species through self-reported logbooks. By 2028, a bycatch diagnosis is expected, along with possible proposals for action if necessary. By the end of 2030, the goal is to contribute to the proposed protection measures for primary and secondary species.

This objective is also intended to contribute to the process of defining the specific objectives of the fishery and to make proposals for a recovery plan. This is achieved by attending at least 75% of the sessions of the Fisheries Management Committee from 2025 onwards. At the end of each second year, a progress report and contributions are expected for the development of the official fisheries management plan.

Initial FIP Participants

- **This FIP was developed to increase the international competitiveness of fishery products.**
- Costa del Mar SPA (Chile)
- The Big Blu Market (Spain)
- South Pacific Fish (Spain)
- Iceberg Foods (USA)
- Crescent City Seafoods Inc. (USA)

Initial FIP Participants

- **The FIP is developed from a need for cooperation between the parties.**

- **ACTS-FIP**

ACTS (Artisanal Caught Toothfish Sustainability)-FIP: organization of companies that promote cod sustainability and that in the FIP will be responsible for carrying out executive tasks, logistical and technical support.



ACTS
IMPROVEMENT
PROGRAM

ARTISANAL-CAUGHT
CHILEAN
TOOTHFISH
SUSTAINIBILITY

Initial FIP Participants

Artisanal Sector

Region Inscripción	N° Embarcaciones
Tarapacá	2
Antofagasta	1
Atacama	9
Valparaíso	3
Biobío	8
Los Rios	1
Los Lagos	2
TOTAL	26

Año	Embarcaciones Operativas	Cobertura FIP
2021	101	26%
2022	126	21%
2023	156	17%

Initial participation requirements:
Active and current vessels
RPA Patagonian Toothfish, Bottom Spinel
Sanitary Authorization
No non-compliance with regulations
Marketing history

The list of participating boats is progressive and dynamic, so new boats can be incorporated into the program, which meet the requirements to participate. Similarly, vessels that do not comply may be excluded.

Actions and Tasks of the FIP in the Short Term

Specific Objective 1:

Induction to participating artisanal vessels

Planning of activities and tasks.

Start of the process of joining the FIP of new artisanal vessels

Actions and Tasks of the FIP in the Short Term

Specific Objective 2:

Start of the MSC-funded project to support the process of improvements in Patagonian toothfish artisanal fishery unit.

Participation and support for the work of the Management Committee.

Upcoming FIP Actions (1st Semester)

- Initiate the management of the FIP, formation of the board of directors, definition of procedures
- Developing the social aspects of the fishery
- Develop the program for the participation of new members to the FIP
- Launch of the communication and dissemination programme (ACTS-FIP).

Recent opportunities for cooperation

- Undersecretariat for Fisheries: cooperation of the authority to develop improvement activities
- IFOP. Technical cooperation for the design and implementation of the improvement programme actions
- Management Committee. Interest in participation and support for the FIP is consolidated
- INPESCA. Entire fishery Stock Assessment Peer Review.
- MSC will cooperate with the management of a Pre-Evaluation project funded by the Rolex Foundation

Possibilities to improve the scope of the FIP with funding support

Estimated budget for the current FIP scope of the FIP US\$ 480,000.- (6 years)

-Gaps in financing: US\$ 150,000.- (6 years)

Features of the original budget:

- Designed for a limited number of vessels, restricting activities to vessels associated with the FIP. The boats would be a sample of the total number of artisanal vessels
- Costs are covered by the participating companies, based on the original design (only participating boats)
- The support of the FIP is covered by personnel of the companies.

In the current scenario, with high acceptance by the management committee, high interest of artisanal fishermen to participate in the program, it is necessary to review the scope of the project, budget, and new partners.

Thank you!!!

