

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

An interactive review meeting for assessing the progress of the Fishery Improvement Project on Indian oil sardine & Indian mackerel was held at Hotel Viva Executive Ratnagiri on 5th April 2023.

List of participants is attached at Appendix 1.

The agenda of the workshop is attached as Appendix 2.

Welcome address:

Mr. Ashish Salvi, General Manager, Omega Fishmeal And Oil Private Limited welcomed the guests.



Mr. Ashish Salvi welcoming the participants

In his introductory speech, Mr. Ashish gave an overview of the FIP which commenced in the year 2017. The project has made remarkable progress during the last 5 years, though the pace of the project was hampered by the epidemic Covid 19 during the period 2020-22. A total ban on domestic & international travel combined

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

with lockdown in the country made it difficult for the company to implement the project as envisaged in the approved fishery action plan. This necessitated to revise the action plan several times. The Central Institute of Fisheries Technology (CIFT) Kochi, The Directorate of Fisheries Goa, Dept. of Fisheries Ratnagiri, College of Fisheries Ratnagiri and stakeholders from Goa & Maharashtra contributed significantly to move the project forward.



Lighting of Ceremonial Lamp

After welcoming the august gathering, he requested Mr. Duncan Leadbitter Project Manager to make the power point presentation on the topic.

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

Presentation of the FIP

Mr. Duncan started the presentation with history of the FIP and its importance in the global seafood trade. He briefed the major events right from the beginning of the FIP since 2017.



Mr. Duncan Leadbitter giving presentation

India is a major exporter of farmed shrimp and a growing number of international markets are demanding evidence of responsible production practices. Certification standards such as those owned by the Aquaculture Stewardship Council (ASC) and the Best Aquaculture Program (BAP) require evidence that the fishmeal in feed is sourced from well managed fisheries. The Indian oil sardine and Indian mackerel fishery, we are working with the tool used to demonstrate responsible management is based on the standards developed by Marin Trust, an international organisation that focuses on fishmeal and oil.

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

He explained what a FIP is. Where a fishery may not meet the required standard a Fishery Improvement Project (FIP) can be created and steps taken to improve the fishery over an agreed period of time. A FIP is a plan to address gaps in fisheries management identified by an analysis of the fishery against the Marin Trust standard. The plan has to be approved by Marin Trust and progress is checked every year. If suitable progress is being made the fishmeal can be used in approved feed (ASC and BAP).



As on date we have:

- Formed a steering committee and signed a Memorandum of Understanding with the stakeholders.

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

- Held a number of meetings and workshops, both in person and online at Goa & Ratnagiri
- Conducted a gap analysis and prepared a Fishery Action Plan.
- Implemented a number of the agreed elements in the Plan.
- Reported on our results and met annual audits.
- The COVID pandemic has made for some challenges.



Some of the things that we have done are:

Research project on catch composition in nets used for oil sardine and mackerels undertaken by the Ratnagiri College of Fisheries (2020-2022). The types of species taken and the volumes taken are a key part of the fishery assessment process and for management. The biological data are important for the management plan, as is the

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

information about the types and volumes of species taken. Estimates of stock status also important for determining health of the fishery.

Workshop (2019) on data collection and stock assessment for Indian oil sardine. Understanding how many fish are available is important for user groups and is central to good fisheries management. This work will feed into the proposed fishery management plan.

Workshop (2022) on reference points in fisheries management. Reference points are agreed targets for the desired and minimum stocks of fish. This information important for inclusion in the proposed management plan.

Updated information from government on compliance and enforcement. An important part of the Marin Trust assessment system to ensure that the fishery is not supplying IUU fish into the supply chain. Satisfies requirements of the Marin Trust standard in regards to Illegal, Unregulated and Unreported (IUU) fishing activities.

Sourced available information on endangered species interactions. An important part of the Marin Trust assessment system to ensure that the fishery is not putting species in danger of extinction. Satisfies requirements of the Marin Trust standard in regards to Illegal, Unregulated and Unreported (IUU) fishing activities. Marin Trust has identified some gaps that need to be addressed

In addition to that we have:

Provided annual updates to Marin Trust on progress required by the FIP process.

Commissioned independent reviews of progress and submitted these to an independent peer reviewer.

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

Where ever needed we have supplied additional information as required by the FIP process.



Sought the development of an EwE (Ecopath with Ecosim) model for the waters adjacent to Goa and Maharashtra states to test the impacts of the fishery on the marine ecosystem. Part of the Fishery Action Plan – ensuring that the wider ecosystem is not excessively altered by fishing is part of the Marin Trust standard.

Written to government seeking the preparation of a management plan for the purse seine fisheries in Maharashtra and Goa. Having a plan is good practice and will help both Govt. and stakeholders. Fisheries management plans are increasingly being prepared by fisheries management agencies. This will enable government and stakeholders to have a unified and clear view of what is needed from the fishery –

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

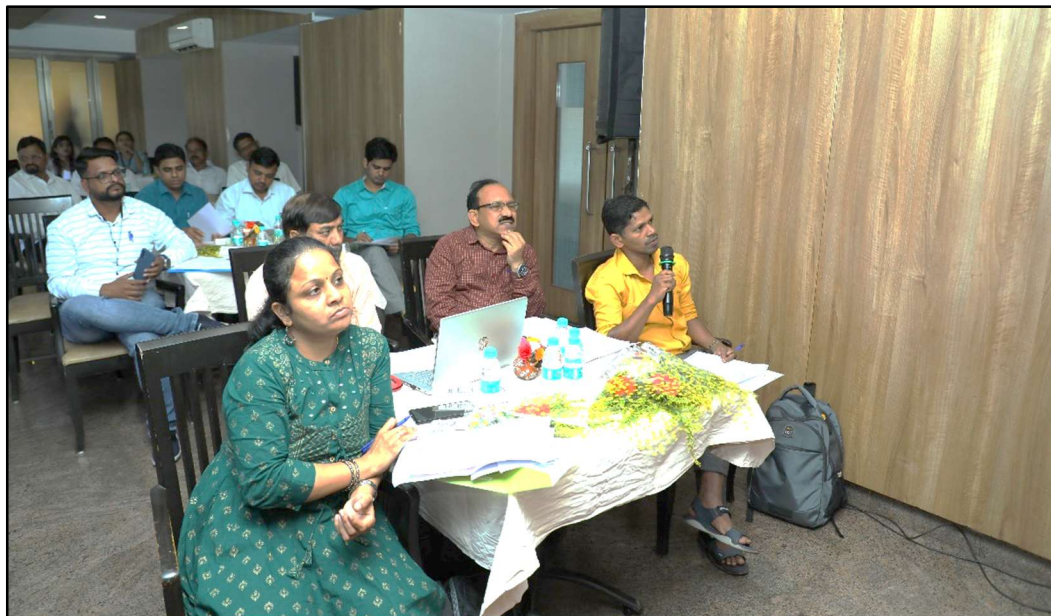
(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

clear objectives can be based on a consultative model. Can agree on priorities for and what needs to be done (research, management etc). No State Govt. has adopted as far as we know in India as yet but CFMRI has prepared management advisory documents.

The aim of the FIP is to get the fishery to a stage where it can be formally approved as a source of fishmeal under the Marin Trust standard. As previously stated, this is beneficial to India's export oriented seafood sector and thus aids government commitments to export development for fishermen and companies, having a well-managed fishery makes good business sense – overfishing is not good for business.

After the presentation, Mr. Duncan answered the questions of audience and all were happy with the interactive session.



MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023



MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

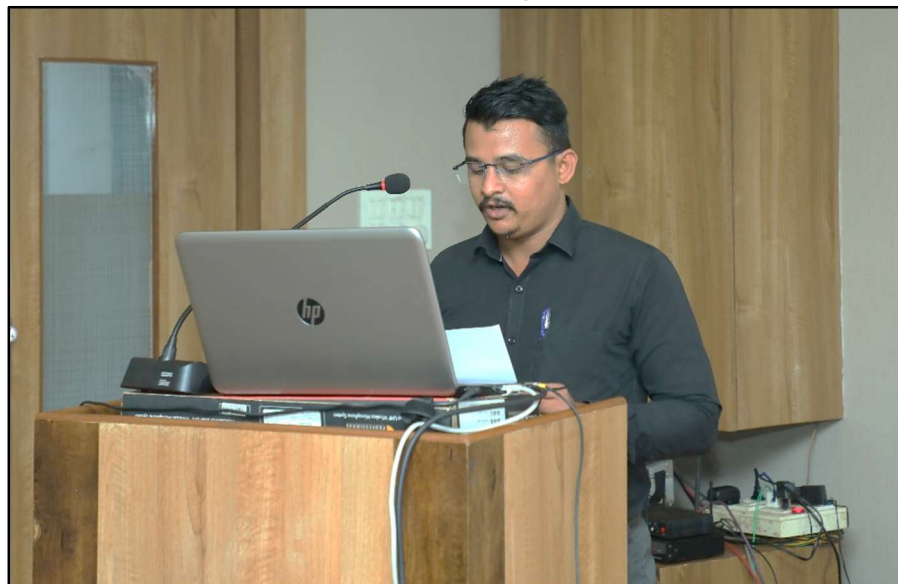
(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023



Vote of Thanks

The meeting was concluded by the vote of thanks delivered by Mr. Akshay Joshi, Executive, T J Marine Products Pvt. Ltd Ratnagiri.



Mr. Akshay Joshi giving vote of thanks

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023



Group photo of participants

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

APPENDIX 1

LIST OF PARTICIPANTS

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

Sr. No.	Name of The Participant	Organisation Name
1.	Dr. Prakash Shingare	Associate Dean, College of Fisheries, Ratnagri, Maharashtra
2.	Mr. Chandrakant Velip	Dy. Directorate of Fisheries, Goa
3.	Mrs. Megha Kerkar	Supdt. Directorate of Fisheries, Goa
4.	Dr. K J Chaudhary	College of Fisheries, Ratnagiri, Maharashtra
5.	Dr. Rakesh Jadhav	Diploma in Fisheries Engineering, Ratnagri, Maharashtra
6.	Mr. Sushil Kamble	Diploma in Fisheries Engineering, Ratnagri, Maharashtra
7.	Er. Nilesh Mirajkar	Diploma in Fisheries Engineering, Ratnagri, Maharashtra
8.	Dr. Ravindra Pawar	College of Fisheries, Ratnagiri, Maharashtra
9.	Dr. Vivek Nirmale	College of Fisheries, Ratnagiri, Maharashtra
10.	Mr. Duncan Leadbitter	Director Fish Matter, Australia
11.	Mr. Amol Patil	Omega Fishmeal And Oil Private Limited, Ratnagri, Maharashtra
12.	Mr. Manoj Kushe	Omega Fishmeal And Oil Private Limited , Ratnagri, Maharashtra

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

13.	N. A. Badruddin	TJ Marine Products Pvt. Ltd. , Ratnagri, Maharashtra
14.	Mr. K. J. Antony	Omega Fishmeal And Oil Private Limited , Ratnagri, Maharashtra
15.	Mr. Imran Mukadam	Mirkarwada Aadarsh Machchimar Sahakari Sanstha, Ratnagri, Maharashtra
16.	Mr. Sudhakar Mondkar	Bhagavati Macchimar Sahakari Sanstha Limited, Ratnagri, Maharashtra
17.	Mr. Dilawar Godad	Bhagavati Macchimar Sahakari Sanstha Limited, Ratnagri, Maharashtra
18.	Mr. Pravin Dalawi	Bhagavati Macchimar Sahakari Sanstha Limited, Ratnagri, Maharashtra
19.	Mr. Kamlesh Parab	Agrisprut Biotech Private Limited, Ratnagri, Maharashtra
20.	Mr. Ashish Salvi	Omega Fishmeal And Oil Private Limited , Ratnagri, Maharashtra
21.	Mr. Liladhar Joshi	Omega Fishmeal And Oil Private Limited , Ratnagri, Maharashtra
22.	Mr. Akshay Chougule	Omega Fishmeal And Oil Private Limited, Ratnagri, Maharashtra
23.	Mr. Arun Kumar	TJ Marine Products Pvt. Ltd, Ratnagri, Maharashtra
24.	Mr. Mohammed Umersaheb	TJ Marine Products Pvt. Ltd, Ratnagri, Maharashtra

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

25.	Mr. Akshay Joshi	TJ Marine Products Pvt. Ltd, Ratnagri, Maharashtra
26.	Mr. Sushant Jaitapkar	TJ Marine Products Pvt. Ltd, Ratnagri, Maharashtra
27.	Mr. Dattatray Supal	TJ Marine Products Pvt. Ltd, Ratnagri, Maharashtra
28.	Utkarsha A. Keer	Department of Fisheries Ratnagiri, Maharashtra
29.	Bhakti S. Peje	Department of Fisheries Ratnagiri, Maharashtra
30.	Dr. S. Y. Matal	MBRS, Ratnagiri, Maharashtra
31.	Mr. Kailash Kubal	Bhagvati Machhimar Sahakari Sanstha Ltd. , Ratnagri, Maharashtra
32.	Mr. Daniel HSU	Omega Fishmeal And Oil Private Limited, Ratnagri, Maharashtra
33.	Mr. Vijay Nakhava	Omega Fishmeal And Oil Private Limited , Ratnagri, Maharashtra
34.	Mr. Abhijit More	Omega Fishmeal And Oil Private Limited , Ratnagri, Maharashtra
35.	Mr. Shantaram Vandarkar	Trawling Launch Malak Sanghatana Mirkarwada , Ratnagri, Maharashtra
36.	Mr. Swapnil D. Amberkar	Shree Chandika Machhimar Society, Waravade, Ratnagiri, Maharashtra
37.	Mr. Santosh K. Lakade	Ratnadurg Machhimar Society, Pethkilla, Ratnagiri, Maharashtra

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

APPENDIX 2

AGENDA

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

PROGRESS REVIEW WORKSHOP REPORT - APRIL 2023

✦ PROGRAMME ✦

9.30 To 10.00	:	Registration
10.00 To 10.15	:	Welcome Mr. Ashish Salvi, General Manager, Omega Fishmeal And Oil Private Limited
10.15 To 11.15	:	FIP Status Review Mr. Duncan Leadbitter, FIP Manager And Director, Fish Matter, Australia
11.15 To 12.15	:	Open Discussion All Participants
12.15 To 12.20	:	Vote of Thanks Mr. Akshay Joshi, Asst. Manager, TJ Marine Products Pvt Ltd