

MAHARASHTRA AND GOA TRAWL BY-CATCH FISHERY IMPROVEMENT PROJECT

(UNDER THE MARIN TRUST IMPROVER PROGRAMME)

1ST STEERING COMMITTEE MEETING REPORT

The first steering committee meeting of the “MAHARASHTRA AND GOA TRAWL BY-CATCH FIP” was held at Bombay Presidency Radio Club Mumbai on 6th April 2023.

The list of participants is attached at Appendix 1.

The agenda of the workshop is attached at Appendix 2.

Welcome address:

Mr. Amol Patil, Director, Omega Fishmeal And Oil Private Limited, Ratnagiri welcomed the august gathering, which included officials from the Departments of Fisheries of Maharashtra and Goa, officials from the College of Fisheries Ratnagiri, Scientists from CMFRI, CIFT and CIFE, Mumbai, officers from TMBRS Mumbai and office bearers of Fishermen Societies etc. Before welcoming the participants, he gave an introduction to the topic by highlighting the importance of developing a new FIP for trawl by-catches and its relevance to the fishmeal industry. He said trawl is the most common gear contributing to the majority of the marine catch and it accounted for nearly 40% of the total production from the country. It also contribute more than 75% of the marine products exported from India from the capture fisheries sector. Trawling has been considered as the most detrimental fishing method responsible for a high percentage of by catch and it has been evaluated from a sustainability perspective. In India, the practice of bottom trawling was introduced for shrimp fishing and the species caught by trawlers other than shrimps were treated

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as by-catch. It is generally considered that in trawling the percentage of by catch is more than 80% of the targeted catch.



Mr. Amol Patil welcoming the participants

By catch includes both incidental catch and discards. The non-targeted catch is generally considered as the incidental catch. The incidental catch and discards were earlier thrown back into the sea due to preservation issues and poor economic viability. Judicious exploitation of by catch for fishmeal production will definitely improve the revenue earning of fishermen and subsequent reflection on their better livelihood. Hence it is felt that proper management of trawl fisheries can go a long way in the management of marine fisheries and subsequent development of sustainable fisheries.

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Lighting of Ceremonial Lamp

Presidential address:

Dr. Bhavesh Sawant, Associate Research Officer, TMBRS, Mumbai delivered the Presidential address. In his opening address, Dr. Bhavesh Sawant, congratulated Omega Fishmeal And Oil Private Limited and TJ Marine Products Pvt Ltd , Ratnagiri for their effort in developing the 2nd FIP for ensuring the sustainability of resources for responsibly managed fisheries. He expressed happiness over the ongoing FIP for Indian oil sardine and Indian mackerel along the coast of Maharashtra and Goa and requested the Govt. of Maharashtra to extend full support in the implementation of both projects.

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Mr. Bhavesh Sawant giving presidential address

Felicitation:

Dr. S Ramkumar, Scientist In charge CMFRI Mumbai delivered the felicitation address. In his speech Dr. Ramkumar stressed the importance of sustainable fisheries and stated that a FIP for the trawl fishery is the 'need of the hour'. This will help to increase the price of by catches. According to him 85% of the fish stock is healthy and sustainable for harvest. Due to the advancement of technology, 95% of the harvested fish is used in most economical way and only 5% is going as post-harvest loss. Moreover nowadays the by catch itself has been categorized as high value by catch and low value by catch.

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Dr. S. Ramkumar giving felicitation address

Mr. Ramdas P Sandhe, Director Maharashtra Rajya Machhimar Sahakari Sangh Ltd. appreciated the initiative taken by both Omega Fishmeal And Oil Private Limited and TJ Marine products Pvt Ltd. Ratnagiri in going for the 2nd FIP for the trawl by catch. In his felicitation address, he said during the early years, by catches were treated as mere wastes or taken for drying and fishermen getting nothing for their hard work. But since then efforts have been made by the industry to produce value added products from the by catches and fishermen started getting decent

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remuneration for the same. He requested the Fisheries Dept. Maharashtra to support Omega and TJ for the successful implementation of the Project.



Mr. Ramdas P Sandhe giving felicitation address

Presentation of the FIP

Mr. Duncan Leadbitter, Project Manager, Fish Matter, Australia made power point presentation on the topic “A Trawl FIP for Goa and Maharashtra”. Before starting the presentation, he said he was privileged to see the Govt. officials from Departments of Fisheries Maharashtra and Goa, Scientists from Scientific institutions like CMFRI, CIFT, CIFE, Professors from College of Fisheries Ratnagiri, officers of TMBRS, office bearers of fishermen associations and the team

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members of Omega Fishmeal And Oil Private Limited and TJ Marine Products Pvt Ltd. He made self-introduction and said that he has been working with the Omega and TJ team for the ongoing FIP for Indian oil sardine and Indian mackerel along the waters of Maharashtra and Goa. He said India is a major player in the world seafood trade and aquaculture products are major items of export in terms of value. India has a well-defined policy for encouraging aquaculture and export from the country. Best Aquaculture Practice (BAP) and Aquaculture Stewardship Council (ASC) are the major certifying agencies worldwide for aquaculture products and consumers are very selective in purchasing seafood harvested from well managed sustainable sources.



Mr. Duncan Leadbitter giving presentation

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Marin Trust established the standard for the certification of fishmeal production factories about 15 years ago and the norms for certification include a requirement that the fishes used for fishmeal production are harvested from sustainable sources based on FAO's Code of Conduct for Responsible Fisheries (CCRF) to which India is a signatory.



Government officials from Fisheries Department of Maharashtra and Goa attending programme

He explained in detail what FIP is and said that the main objectives of a FIP are to ensure that fisheries products should come from responsible fisheries sources and can be traceable throughout the supply chain. The supply chain must be transparent. Related information shall be clearly communicated among international buyers and

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all stakeholders. The implementation of effective fisheries management that prevent, deter and eliminate IUU fishing and overfishing as well as the protection of wider marine ecosystem are very essential elements of FIP. Apart from this, the FIP will help to ensure that the concerned fishery is well managed and meeting the Rules and Regulations of the country.

Mr. Duncan dealt in detail about the steps to be followed while applying for Marin Trust certification

Once the assessment of candidate species is made against the Marin Trust standards we need to submit Fishery Action Plan to Marin Trust and fill the gaps.



Scientist from research institutes, fishermen society representative and feed industries representative attending programme

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The Gap analysis based on an independent fishery assessment against the Marin Trust standard is very important in FIP

Mr. Duncan requested all stakeholders to work together to achieve the goal and said that a FIP is more of a journey than a project.

We need to report the progress of the FIP every year to Marin Trust. We have to ensure that we will be sourcing the fishes from licensed fishing vessels operated from the coasts of Maharashtra and Goa and will confirm that species not used for direct human consumption only will be taken for fishmeal production.



Open Discussion

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Tropical trawl fisheries are extremely complicated and managing them on a species by species wise is very difficult. Managing large numbers of species is a really challenging task. Excessive fishing capacity and fishing pressure are the major concerns to be addressed. A well-managed fishery assessment system, in compliance with the National policy, legislation, MCS, Regulation on IUU Fishing etc. are very crucial in the FIP. A lot of information including policy documents need to be collected from Govt. agencies, scientific institutions and other concerned for moving ahead with the project and he solicited the cooperation from all stakeholders in this regard.

MoU signing ceremony

The stakeholders signed the MoU indicating their strong intention to support and develop the project (FIP) for the overall benefit of the fishing industry. The fishermen societies that signed the MoU are Shri Bhagavati Macchimar Society, Ratnagiri, Ratnadurga Macchimar Sahakari Society Ratnagiri, Adarsh Macchimar Sahakari Society, Ratnagiri, Mazgaon Macchimar Vividh Karyakari Sahakari Society Ltd. Mumbai, Shree Martand Prasanna Colaba Matsyodyog Karyakari Sanstha, Maharashtra Rajya Macchimar Sahakari Sangh Ltd., Vaishnavi Mata Matsya Vyavasay Vividh Karyakari Sahakari Sanstha Maryadit, and Sagari koli society Vasai.

Vote of Thanks

Mr. Akshay Joshi , T J Marine Products Pvt Ltd delivered the vote of thanks

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Mr. Akshay Joshi giving vote of thanks



Group photo of participants

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LIST OF PARTICIPANTS

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Sr. No.	Name of The Participant	Organisation Name
1.	Mr. Chandrakant Velip	Dy. Directorate of Fisheries, Goa
2.	Dr. Prakash Shingare	Collage of Fisheries , Ratnagiri
3.	Mrs. Megha Kerkar	Supdt. Directorate of Fisheries, Goa
4.	Mr. N.V. Bhadule	Dept. of Fisheries, Maharashtra
5.	Dr. Karankumar Ramteke	ICAR-Central Institute of Fisheries Education
6.	Dr. K.K. Asha	Mumbai Research Center of CIFT
7.	Dr. S. Ramkumar	ICAR-Central Marine Fisheries Research Institute
8.	Mr. Sunil Kumar	ICAR-Central Marine Fisheries Research Institute
9.	Dr. Bhavesh Sawant	Taraporevala Marine Biological Research Station
10.	Dr. Pravin Sapkale	Taraporevala Marine Biological Research Station
11.	Dr. Rakesh Jadhav	Diploma in Fisheries Engineering
12.	Dr. K J Chaudhary	Collage of Fisheries

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13.	Latha S	CP Aquaculture (India) Private limited.
14.	Mr. Chanintorn Jaichon	CP Aquaculture (India) Private limited.
15.	Mr. Duncan Leadbitter	Fish Matter, Australia
16.	Mr. K. J. Antony	Omega Fishmeal And Oil Private Limited
17.	Mr. Amol Patil	Omega Fishmeal And Oil Private Limited
18.	Mr. Manoj Kushe	Omega Fishmeal And Oil Private Limited
19.	N .A. Badruddin	TJ Marine Products Pvt Ltd
20.	Mr. Sudhakar Mondkar	Bhagavati Macchimar Sahakari Sanstha Limited
21.	Mr. Dilawar Godad	Bhagavati Macchimar Sahakari Sanstha Limited
22.	Mr. Pravin Dalawi	Bhagavati Macchimar Sahakari Sanstha Limited
23.	Mr. Siraj Dosani	Mazgaon Machhimar Vividh Karyakari Sahakari Society Ltd
24.	Mr. Amol Roge	Shree Martand Prasanna Colaba Matsyodyog Karyakari Sahakari Sanstha
25.	Mr. Ramdas Sandhe	Maharashtra Rajya Machhimar Sahakari Sangh Limited

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26.	Mr. Martand Nakhawa	Vaishnavi Mata Matsyavyavsay Vividha Karyakari Sahakari Society Ltd
27.	Mr. Lakade	Saisagar Macchimar Vividha Karyakari Sahakari Sanstha Maryadit
28.	Mr. Kamlesh Parab	Omega Fishmeal And Oil Private Limited
29.	Mr. Ashish Salvi	Omega Fishmeal And Oil Private Limited
30.	Mr. Akshay Choughule	Omega Fishmeal And Oil Private Limited
31.	Mr. Liladhar Joshi	Omega Fishmeal And Oil Private Limited
32.	Mr. Arun Kumar	TJ Marine Products Pvt Ltd
33.	Mr. Mohammed Umer Saheb	TJ Marine Products Pvt Ltd
34.	Mr. Akshay Joshi	TJ Marine Products Pvt Ltd
35.	Mr. Sushant Jaitapkar	TJ Marine Products Pvt Ltd
36.	Mr. Dattatray Supal	TJ Marine Products Pvt Ltd
37.	Mr. Jagan Gora	Sagari Koli Society Vasai
38.	Mr. Hsq Ta Yon	Omega Fishmeal And Oil Private Limited
39.	Mr. N.B. Patil	Sonia Marine Exports Pvt Ltd

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40.	Mr. Vijay Vaily	Mumbai Dist. Fishermen Society
41.	Mr. Ramesh K. Naik	Mumabi Dist. Fishermen Society
42.	Mr. Faraaz Dosani	Rizwan Ice and Cold Storage
43.	Mr. Abhyasinh Shinde- Inamdar	Assistant Commissioner of Fisheries, Mumbai City.
44.	Mr. Shravan Sharma	Scientist ICAR CIFT Vashi
45.	Mr. Y. A. Chougule	Jt. Commissioner Fisheries , Mumbai
46.	Mr. Jaideep Dalvi	Maharashtra State Federation

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AGENDA

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✦ PROGRAMME ✦

11.00 To 11.15	:	Registration
11.15 To 11.30	:	Welcome Mr. Amol Patil, Director, Omega Fishmeal And Oil Private Limited
11.30 To 11.40	:	Presidential address Dr. Bhavesh Sawant, Associate Research Officer TMBRS Mumbai
11.40 To 11.45	:	Felicitation from Scientist from CMFRI Dr. S Ramkumar, Scientist In charge CMFRI Mumbai
11.45 To 11.50	:	Felicitation from Fishermen Societies Mr. Ramdas Sandhe, Chairman, Maharashtra Rajya Machhimar Sahakari Sangh Limited
11.50 To 12.50	:	Introduction to Trawl By-catch FIP Mr. Duncan Leadbitter, FIP Manager And Director, Fish Matter, Australia
12.50 To 13.30	:	Open Discussion All Participants
13.30 To 13.45	:	MOU Signing Stakeholders
13.45 To 14.00	:	Vote of Thanks Mr. Akshay Joshi, Asst. Manager, TJ Marine Products Pvt Ltd