

FISHCODE MANAGEMENT

REPORT ON A WORKSHOP TO REFINE THE DRAFT MANAGEMENT PLAN
FOR THE BALI STRAIT SARDINE (LEMURU) FISHERY

BANYUWANGI (EAST JAVA), INDONESIA

15–17 MAY 2001



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**FISHCODE
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**FAO/NORWAY PROGRAMME OF ASSISTANCE TO DEVELOPING COUNTRIES FOR THE
IMPLEMENTATION OF THE CODE OF CONDUCT FOR RESPONSIBLE FISHERIES**

**SUB-PROGRAMME F: ASSISTANCE TO DEVELOPING COUNTRIES FOR IMPROVING
THE PROVISION OF SCIENTIFIC ADVICE FOR FISHERIES MANAGEMENT**

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PREPARATION OF THIS DOCUMENT

This report presents a summary of the proceedings and the main results of a consultation with stakeholders to refine a Fisheries Management Plan for Bali sardinella (*Sardinella lemuru*), locally called lemuru, that was originally drafted in April 1999 at a similar workshop in Bali. The first draft was published as FAO/FISHCODE Project GCP/INT/648/NOR: Field Report F-3 (En) Rome, FAO: 30p. The many background papers appeared in a supplement to that report.

This meeting was fully conducted in Indonesian (Bahasa Indonesia). This English version of the report is a translation of the report produced at the meeting in Indonesian. The translation and compilation of the texts was carried out by Mr Purwito Martosubroto. This report was put in its final form by Mr Siebren C. Venema.

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Report on a workshop to refine the draft management plan for the Bali Strait sardine (lemuru) fishery. Banyuwangi (East Java), Indonesia. 15–17 May 2001

FAO/FISHCODE GCP/INT/648/NOR Field Report F-18 (En). Rome, FAO, 2001. 33p.

SUMMARY

The report contains the proceedings and results of a consultation with fishery administrators and stakeholders to refine the Draft Fisheries Management Plan for the sardine (lemuru) fishery in Bali Strait. Guidelines for the preparation of such a plan are provided. The English version of the revised Management Plan is attached. The Workshop also considered the functions of the Management Committee, founded in 2000, that consists of members of the two Provinces bordering the Bali Strait.

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1. INTRODUCTION

This workshop was organized by the Directorate General for Capture Fisheries (DGCF) of the Ministry of Marine Affairs and Fisheries (Departemen Kelautan dan Perikanan) in close co-operation with the FAO/FISHCODE Project. The main objective of the workshop was to refine the Draft Management Plan of the sardine or lemuru (*Sardinella lemuru*) fishery of the Bali Strait that was developed during a workshop held Denpasar (Bali) in April 1999¹.

The present workshop also provided opportunities to review follow-up activities after the 1999 workshop. The governments of the two provinces bordering the Bali Strait, Bali and East Java, had established a Management Committee in 2000 and strongly felt the need to review the Draft Management Plan developed in 1999 and therefore asked FAO to assist in its refinement, taking into account recent developments in the fishery. At the same time a review of the structure of the Management Committee should be undertaken.

This second workshop had a higher attendance of representatives of fishermen associations, fishery co-operatives and the processing industry, who all participated actively. The ADB/Co-Fish Project that has been assisting in strengthening coastal community development in the Banyuwangi District, also sent some staff to participate in the workshop, thereby strengthening it. All participants were provided with copies of the Draft Management Plan before the workshop.

2. PROCEEDINGS OF THE WORKSHOP

2.1 Co-ordination and Workshop Programme

The workshop was funded by FAO/FISHCODE project and organized by a team of officers from the Directorate of Resources of the Directorate General of Capture Fisheries headed by its Director, Mr Suharyadi Salim, as the Project Co-ordinator. The workshop programme is given in Appendix 1. The workshop was conducted in the Indonesian language to facilitate frank and full participation of the full audience in the discussions.

2.2 Opening of the Workshop

The Workshop took place in Pinangsari Hotel, Banyuwangi (East Java) from 15 to 17 May 2001. It was attended by 50 participants representing various (government) institutions and stakeholder groups:

Management: Directorate General of Capture Fisheries, in particular the Directorate of Fisheries Resources, Provincial Fisheries Services of Bali and East Java, District Fisheries Offices of Banyuwangi and Jembrana;

Research: Coordinating Centre for Capture Fisheries Research (CCCFR), Research Institute for Marine Fisheries (RIMF), Universities (Brawijaya and Diponegoro);

Stakeholder groups: Fisheries Co-operatives; Fishermen's Association; Fishmeal Association;

Projects: ADB/Co-Fish Project and FAO/FISHCODE Project.

A list of participants is given in Appendix 2.

¹ See FISHCODE Field Report F-3 and its Supplement.

On behalf of FAO, Mr Purwito Martosubroto, Technical Co-ordinator for Southeast Asia of the FAO/FISHCODE Project, thanked the Government of Indonesia for the close cooperation in the preparation process and the excellent organization of the workshop (Appendix 3).

Mr Heryoto Marwoto, Secretary to the Director General of Capture Fisheries (DGCF), welcomed the participants on behalf of the Director General. He underlined the importance of the development of the Management Plan for the lemuru fishery as a basis for the DGCF to develop management plans for other fisheries (Appendix 4).

The Mayor of the Banyuwangi District, Mr Samsul Hadi, welcomed the participants, described the importance of the lemuru fishery in his District and stressed the need to ensure the well-being of the fisheries for present and future generations. He officially opened the workshop with the wish for successful deliberations (Appendix 5).

2.3 Summary of Presentations

Tuesday 15 May 2001

(a) Mr Martosubroto, highlighted the importance of a management plan for fisheries as a bench mark for measurement of management performance. He underlined the importance of understanding the concept of fisheries management and asked participants to always refer to the Guidelines on Fisheries Management² produced by FAO in support of Article 7 of the Code of Conduct for Responsible Fisheries. He further refreshed the memory of the audience through a power-point presentation with an introduction to fisheries management (Appendix 6).

(b) Mr Mark Elmer, FAO consultant, introduced the concept of a management plan, why it was needed, how the stakeholders played a role in the development process of the plan, etc. The full presentation is given in Appendix 7. He also brought with him 15 copies of management plans of various fisheries in Australia as reference material, although the situation of fisheries in Australia is different from that in the Bali Strait.

(c) Mr Sahri Muhamad of the Brawijaya University in Malang showed trends in the catches of the lemuru fishery in Bali Strait since 1950 during which fishers used only traditional fishing gears. Cyclical fluctuations in the catches were observed roughly every 11-12 years. The last highest catch was in 1998 with 78,000 t, while in 2000 the catch had dropped below 10,000 t.

(d) Dr Abdul Ghofar of the Diponegoro University in Semarang presented an assessment of the lemuru stock, where environmental parameters, in particular the Southern Oscillation Index (SOI), were taken into account. His assessment indicated a better fit in the relationship between catch and catch per unit of effort.

(e) Staff of the Fisheries Services of the Bali and East Java Provinces and of Fisheries Offices in the Districts Banyuwangi and Jembrana provided reports on the current status of the lemuru fishery. The catches had declined sharply in 2000 and many of the purse seiners stayed idle.

² Fisheries Management. FAO Technical Guidelines for Responsible Fisheries No.4. Rome, FAO. 1997. 82p.

Wednesday 16 May 2001

(f) Mr Mark Elmer highlighted the work to be done on the refinement of the Draft Management Plan. He provided guidance through questions addressed to each component of the Management Plan, as appears in Appendix 8.

He also stressed the importance of stakeholders' participation in all aspects of the plan. Therefore, representatives of fishermen's associations, fishery co-operatives and processing associations were distributed as much as possible over the various working groups that discussed individual components of the Draft Management Plan.

(g) All participants were distributed over four working groups to discuss the following components:

Group I: Jurisdiction; Stakeholder Consultation.

Group II: Objectives of Management; Operational Management.

Group III: Status of Stocks and their Environment; Research and Stock Assessment.

Group IV: Monitoring, Control and Surveillance (MCS); Post Harvest Sector; Review of the Plan.

(h) The working group discussions continued till mid afternoon, when a plenary session was arranged to facilitate presentations of the four working group reports. The discussion was aimed at reviewing the findings of the working groups. The conclusions drawn from these discussions formed the basis for the elaboration of the various components of the Management Plan (Appendix 9).

Thursday, 17 May 2001

(i) In the morning session the discussion focussed on the Management Committee that was established in 2000 through two joint meetings between the Fisheries Offices of the two provinces, Bali and East Java. Mr Budi Sasongko of the East Java Fisheries Province highlighted the structure of the Committee. To strengthen the Committee in terms of its structure it was proposed that its Steering Committee be upgraded to a higher level, where the post of Chairman should be assigned to a Director of Fisheries Service of the two Provinces, alternating each year. The proposed change will be further discussed by the Fisheries Services of the two Provinces. It was clear in the terms of reference of the Management Committee that the Committee would meet every six months.

(j) In the closing remark of the workshop at midday, Mr Suharyadi Salim, Director of Resources, extended his gratefulness to all participants who had actively contributed to the discussions and thus to the refinement of the Management Plan. Once again he conveyed gratitude to FAO/FISHCODE for its assistance in making the workshop come into reality.