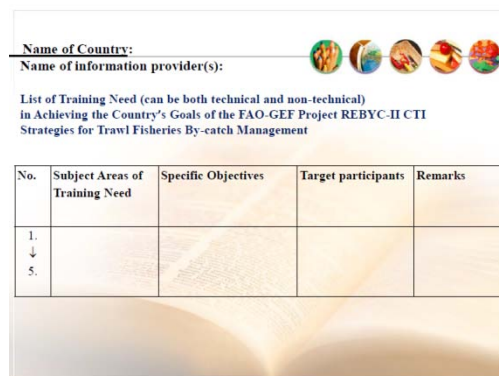


Annex 16 Presentation: Report on Preliminary Training Need Assessment.

By Panitnard Taradol



(1)



(2)

Indonesia:

No.	Subject Areas of Training Need	Specific Objectives	Target participants
1.	GIS	-Ability to plot thematic map on agreed basic map	-National Working Group Members
2.	Information Technology	-Ability to manage data base (data sharing management) -Ability to manage webpage	-Staff of secretary REBYC-II Indonesia
3.	Logbook Training	-Ability to fill the logbook	-Vessel Crews
4.	Fishing capacity assessment and calculation based on IPOA	-Ability to assess FC -Ability to calculate FC	-Government officers (Both central and local)

(3)

Papua New Guinea:

No.	Subject Areas of Training Need	Specific Objectives	Target participants
1.	Awareness Building Program	-to produce information materials such as poster, etc	REBYC-II CTI staff (Fishing industry)
2.	Develop of by-catch data-base	-to create and maintain by-catch data-base	National Technical Officer, National Project Coordinator
3.	By catch information collection and methodology	-to collect by catch data/information (how, where and when)	NTO, NPC
4.	Finding a suitable BRD for trawl industry	-to share and learn from experience of partner countries and donors and adapt the best suit	NTO, NPC, fishing industry and stakeholder
5.	Gear selectivity and adaption to new gear	-be more strengthen in gear selectivity and testing	NTO, NPC, Fishing industry, master fishermen and stakeholders
6.	GIS/Data analysis	-be able to produce mapping (habitats, resource)	NTO

(4)

Philippines:

No.	Subject Areas of Workshop Need	Specific Objectives	Target participants
1.	EAF and Co-management	-to capacitate countries in formulating management plans	NTO and technical project staff
2.	Project Monitoring and Evaluation	-to capacitate project staff in M&E	REBYC-II CTI staff
3.	Scientific report preparation	-to capacitate REBYC II -CTI staff in the preparation of scientific report	REBYC-II CTI staff
4.	GIS mapping	-to produce useful maps for management plans	REBYC-II CTI staff


(5)

Thailand:

No.	Subject Areas of Training Need	Specific Objectives	Target participants
1.	Socio-economic survey	-to conduct effective socio-economic survey	National Working Group Members
2.	Benthos survey	-to be able to collect, analyze and use of the benthic fauna data	National Working Group Members

(6)


Vietnam:



No.	Subject Areas of Training Need	Specific Objectives	Target participants
1.	Trawl data collection	-for better understanding on data collection especially in by-catch issues	NTO, local enumerators (Department of Agriculture and Rural Development, (DARD) officer)
2.	Mapping: GIS, priority information	-to produce mapping nursery, fishing ground area, etc	DECAFIREP staffs, other scientists.
3.	M&E issues	-to have more effective implementation and monitoring of the project	NTO and local authorities

(7)

List for All: Areas of Training/Workshop Need



<ul style="list-style-type: none"> ➤GIS mapping (ID, PNG, PH, VN) ➤Trawl and by catch information collection and methodology (PNG, VN) ➤Project monitoring and evaluation (PH, VN) ➤Logbook Training (ID) ➤Responsible Fishing and selective fishing gears (PNG) ➤Socio-economic survey (TH) ➤Benthos survey (TH) ➤EAF and Co-management approach (PH) ➤Fishing capacity assessment (ID) ➤Development of by-catch data-base (PNG) ➤Information technology (ID) ➤Scientific report preparation (PH) ➤Awareness building program (PNG)

(8)

Annex17.Report on Preliminary Training Need Assessment

By Panitnard Taradol and Isara Chanrakkij

Introduction

Training need assessment is one of RFU-SEAFDEC responsible provide for REBYC-II CTI executing countries in order to ensure the project will meet with objectives. Identification of the needs of executive countries, RFU-SEAFDEC carries out the training needs assessments for two (2) groups of NTEP staffs, i.e. 1) Fishers and other relevant stakeholders including government officials and 2) Private sector/fisher champions. The target for TNA no. 1 is a general training focusing on sustainability coupled institutional issues (i.e. why bycatch reduction is necessary and beneficial, and how it may be implemented). For TNA no. 2 the focus is on the technical options to achieve more sustainable trawl fisheries (i.e. how bycatch reduction can be achieved through technological change or other management measures, but will also include institutional issues). To institute change it is necessary to ensure that policy and decision makers are made aware of the benefits of, and approaches to bycatch reduction. SEAFDEC will actively look for opportunities to sensitize high-level officials to the outcomes of the project. This may be through the projects regular activities and in cooperation with partners, e.g. the fishing industry and NGO's and project partners.

Objective

Training need assessment is developed to investigate and assess the need of REBYC-II CTI member Countries in by-catch management and related issue: 1) The Policy, legal and institutional frameworks; 2) The Resource management and fishing operations; 3) The Information management and communication; and 4) The Awareness and knowledge.

Methodology

Methodology applied to obtain training need information from all member countries is Rapid Rural Appraisal (RRA) comprising two (2) methods i.e. 1) Primary information collection method through questionnaire; and 2) Review project document is able to indirect indicate the countries needs. However the different scheme to implement between countries, training need for each country has slightly different. Methodology to obtain training needs by using questionnaire could be supplemented the lacked information of training need. All participants (Two (2) from each country) will share their views and opinions. Format to obtain preliminary training need details is shown in table 1.

Table 1 Formatted table of preliminary training needs

No.	Subject Areas of Training Need	Specific Objectives	Target participants	Remarks
1.				
↓				
5.				

Result

Training need survey was conducted during the Regional Technical Workshop on Data Collection - Trawl Fisheries Management Information and Data Requirements organized by SEAFDEC-RFU on 9 May 2013. Target REBYC personnel is National Technical Officer (NTO) of REBYC counties.

Refer to the preliminary survey on training need, there are widely interested topics responded by NTO. So that the arrangement by category the needs into group of subjects is necessary for preliminary concluding. Obviously that there are twenty-one (21) subjects which can be categorized into four (4) main groups, i.e. 1) Database, GIS and mapping, 2) Data collection methodology on catch data, fishing efforts, fishing gear selectivity, fishing capacity, fish recruitment, plankton and fish larvae, benthic fauna included survey of the socio-economic studies, 3) Awareness building program including with the Co-management and Ecosystem Approach Fisheries Management, and 4) Project monitoring and evaluation including with the Information technology and scientific report preparation. Result of each individual country is display by table 2 to 6.

Table 2 Result of training need subject of Indonesia

No.	Subject Areas of Training Need	Specific Objectives	Target participants	Priority
1.	Mapping: GIS	Ability to plot thematic map on agreed basic map	National Working Group Members	H
2.	Information Technology	Ability to manage data base (data sharing management) Ability to manage webpage	Staff of secretary REBYC-II Indonesia	M
3.	Logbook Training	Ability to fill the logbook	Vessel Crews	M
4.	Fishing capacity (FC) assessment and calculation based on IPOA	Ability to assess FC Ability to calculate FC	Government officers (Both central and local)	H

Table 3 Result of training need subject of PNG

No.	Subject Areas of Training Need	Specific Objectives	Target participants	Priority
1.	Awareness Building Program	To produce information materials such as poster, etc	REBYC-II CTI staff (Fishing industry)	H
2.	Develop of bycatch database	To create and maintain by-catch database	National Technical Officer, National Project Coordinator	H
3.	By catch information collection and methodology	To collect by catch data/information (how, where and when)	NTO, NPC	L

4.	Finding a suitable BRD for trawl industry	To share and learn from experience of partner countries and donors and adapt the best suit	NTO, NPC, fishing industry and stakeholder	L
5.	Gear selectivity and adaption to new gear	Be more strengthen in gear Selectivity and testing	NTO, NPC, Fishing industry, master fishermen and stakeholders	L
6.	Mapping: GIS (including with Data analysis)	Be able to produce mapping (habitats, resource)	NTO	M

Table 4 Result of training need subject of Philippines

No.	Subject Areas of Training Need	Specific Objectives	Target participants	Priority
1.	EAF and Co-management	To capacitate countries in formulating management plans	NTO and technical project staff	H
2.	Project Monitoring and Evaluation	To capacitate project staff in M&E	REBYC-II CTI staff	M
3.	Scientific report preparation	-to capacitate REBYC II -CTI staff in the preparation of scientific report	REBYC-II CTI staff	L
4.	Mapping: GIS	-to produce useful maps for management plans	REBYC-II CTI staff	H

Table 5 Result of training need subject of Thailand

No.	Subject Areas of Training Need	Specific Objectives	Target participants	Priority
1.	Socio-economic survey	To conduct effective socio-economic survey, analysis and promote social economic welfare	National Working Group Members, fishers	H
2.	Benthos survey	To be able to collect, analyze and to protect of benthic fauna habitats	National Working Group Members	L
3.	Mapping: GIS	To produce applicable maps for fishery management plans	National Working Group Members, fishers	M
4.	Gear selectivity and adaption to new gear to reduce by-catch	To support and strengthen in gear Selectivity and program and promotion to fishers	National Working Group Members, fishers	H
5.	Plankton and fish larvae identification	Spatial distribution of important species to be used in area and season closure	National Working Group Members	M

Table 6 Result of training need subject of Vietnam

No.	Subject Areas of Training Need	Specific Objectives	Target participants	Priority
1.	Trawl data collection	For better understanding on data collection especially in by-catch issues	NTO, local enumerators (Department of Agriculture and Rural Development, (DARD) officer)	L
2.	Mapping: GIS including with priority information	To produce mapping nursery, fishing ground area, etc	DECAFIREP staffs, other scientists.	L
3.	M&E issues	To have more effective implementation and monitoring of the project	NTO and local authorities	M

Conclusion

Result by Review project document plan of each REBYC-II CTI member countries, subjects of interest is able to classified into 7 main categories 1) Stakeholder identification and assessment; 2) Appropriated approach to conduct trawl fisheries management including with appropriated incentive package; 3) Fishing technology and practices to reduce bycatch on trawl fisheries; 4) Identified criteria to demarcating fishing zone including with habitat mapping and priority for close season and close area; 5) Data collection methodologies; 6) Appropriated awareness building program for trawl fisheries management; and 7) Project monitoring and evaluation.

Result of the questionnaire is able to conclude that the habitat mapping subject by using the Geographical Information System (GIS) and Data based is meet with the request from major REBYC-II CTI members. Following topic is to concern on the survey what including with trawl and bycatch information collection methodology, selective fishing technologies, socio-economic survey. Awareness building program by using Information Technology and promotion on EAF and Co-management approach to stakeholders is also. Project management including with project monitoring and evaluation, scientific report preparation;

Table 7 Conclusion of Training Needs

Topic	IND	PNG	PHI	THA	VIE
Mapping (GIS)	H	M	H	M	L
Development of bycatch database		H			
Trawl and by catch information collection and methodology		L			H
Responsible Fishing and selective fishing + BRD program		L		H	
Socio-economic survey				H	
Benthos survey + Plankton and Larvae				M	
Logbook Training	M				
Fishing capacity assessment	H				
Awareness building program		L			
EAF and Co-management approach			H		
Information technology	M				
Scientific report preparation			L		
Project monitoring and evaluation			M		M

Preliminary training need survey is the first phase to indentified and assessment need of REBYC-II CTI participating countries. Regarding to the target participant of this survey is NTO, other National Technical Execution Partner (NTEP) is also need to obtain more information. RFU will continue to

pursuit the need of participating countries in different group of staff in order to obtain complete needs of participating countries in future occasions.

Reference

Report of the GEF/FAO/SEAFDEC Inception Workshop on Strategies for Trawl Fisheries Bycatch Management (REBYC II - CTI). Bangkok, Thailand, 1-4 May 2012 (including Industry Round Table meeting).

Report of the GEF/FAO Regional Workshop on Work Planning Year 1 for REBYC-II CTI. Bangkok, Thailand, 6-9 November 2012.

Annex18.Process to Elaborate Regional Guidance For Trawl Fishery Management

A process to elaborate regional guidance for trawl fishery management

Simon Funge-Smith

Secretary

Asia-Pacific Fishery Commission

(1)

Proposed process 1

- Convene a steering group
- Proposed membership:
 - APFIC
 - REBYC II/SEAFDEC
 - SFP
 - BOBLME
- Development of an outline guidance document
 - Consultant May-August 2013
 - Outline advised by steering group

(3)

What would the guidance look like (1)

- Preamble
 - Nature of tropical trawling, benefits and impacts in the region
- Purpose
 - To provide guidance to local fishery managers on options for addressing the problems created by trawling
- Scope & application
 - Aimed to assist the improvement of a trawl fishery in a province or sub-national jurisdiction
 - Application to tropical trawl fisheries (and/or push net fisheries), particularly in developing countries,

(5)

Management options (3)

- Management approaches
 - Looks at a range of options
 - Increasingly specific/rigorous
 - Recognizes that in most cases trade-offs require choosing less rigorous measures, but used in combination
- What will be covered?
 - Spatial measures (zoning, critical habitats, trawl exclusion obstacles)
 - Temporal measures (seasonal closures/resting, avoid spawning season)
 - Catch measures – limits on bycatch (% of total catch for species groups)
 - Gear measures (types of gear, gear modifications, mesh size, BRD)
 - Governance/compliance measures (wheelhouse markings, MCS approaches, catch certification/reporting, logbooks)
 - Policy measures (fuel subsidies, capacity reduction, licensing, focus on MEY not MSY, allocation of turf/user-rights)

(7)

Regional need for advice on trawl management

- Trawling and its impacts identified as an important sub-sector of fishing that requires more effective management
 - Conflicts
 - Habitat impacts, benthic community impacts
 - Ecosystem effects
 - Juvenile overfishing
 - ETP/other bycatch issues
 - Trash/low value fish
 - IUU, non-compliance with measures
- Regional advice requested by Asia-Pacific Fishery Commission at its 32nd session
- By-catch guidance - planned output of REBYC II based on the work of the project

(2)

Proposed process 2

- Convene APFIC Expert Workshop
 - Expert Group - by invitation – not by nomination
 - Phuket September 2013
- Jointly convened?
 - APFIC, REBYC II/SEAFDEC, SFP, BOBLME?
- Regional experts mobilized by the respective partners
 - Working groups develop sections of the guidance
 - Provide input of regional experience of efforts to manage trawl fishing

(4)

Principles & scoping issues(2)

- General principles
 - The international/regional best practice guidance
 - E.g. CCRF, FAO by-catch guidelines, other responsible practice
- How to scope out the issues
 - Issues, impacts, drivers in the fishery
 - Draws on EAF scoping method
 - Stakeholder engagement/dialogue
 - Science/information needs & tools
 - Prioritization methods, use of risk-assessment

(6)

Monitoring & information (4)

- What sort of data needs to be collected to understand the impact or effectiveness of measures
 - Catch composition monitoring on-board
 - Catch composition landed
 - Discards
 - Habitat/benthos monitoring
 - Logbooks
 - PSA
 - IUU events
 - Reporting by fishers

(8)