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Reduction of Environmental Impact from Tropical Shrimp Trawling, through the introduction of By-catch
Reduction Technologies and Change of Management
(EP/GLO/201/GEF)

Indonesia

Progress report to the project coordinator

EP/GLO/201/GEF

July-December 2005



Attachment1: Progress Report to the Project Coordinator EP/GLO/201/GEF

Country:

Reporting period (6-months from July to December, 2005).

Reporting Officer = National Coordinator (name /title):

Tyas Budiman (National Project Coordinator, Indonesia)

1. List the meetings of the National Steering Committee held: (gives dates, places):

- a. On Tuesday, July 26th, 2005 in Ministry of Marine Affairs and Fisheries (MOMAF) Building 11th Floor, Jakarta
- b. On Friday, August 26th, 2005 in Ministry of Marine Affairs and Fisheries (MOMAF) Building 12th Floor, Jakarta
- c. On Monday, September 5th, 2005 in Ministry of Marine Affairs and Fisheries (MOMAF) Building 12th Floor, Jakarta

summarize the main points from these meeting, and please provide separately a copy of the minutes including names/titles of the participants:

- a) July, 26th, 2005 (Progress of the FAO-GEF Project Internationally/ Mexico meeting, Work Plan of the Merauke Activity, Method of the Merauke Activity)
 - Progress of the FAO-GEF Project Internationally:
 1. Other countries have developed to the find alternative by-catch reduction devices;
 2. In Indonesia, the obligation to install by-catch reduction devices for the industry scale fisheries has been regulated. Therefore, the next priority will be focused on small scale fisheries;
 3. The 2005 year demonstration activity is considered to be the last one, the next activity will be focused on technology modification, TED/JTEDs construction, mesh figure (diamond or square), etc;
 4. For the successful of the FAO-GEF Project until the implementation phase, it is necessary to determine a certain area for the pilot project;
 5. The future activity (2006 – 2007) will be focused on small scale fisheries in Makassar Strait with East Kalimantan as based area.
 - Work Plan of the Merauke Activity
 1. The Merauke workshop is designed to be held in September 5th – 10th, 2005;
 2. The Merauke Fisheries Services Office have committed to support the workshop during in Merauke;
 3. There are 3 (three) fisheries companies have committed to facilitate the workshop during in Merauke;
 4. The Roma FAO-GEF Project officer will attend the workshop and the SEAFDEC team also will be invited for the technical assistance.
 - Methods of the Merauke Activity
 1. The demonstration training is considered to use the double rigged shrimp trawl fishing vessels, with the installment practice both in-land and on-board;
 2. During the workshop, the new TEDs regulation issued by USA will be disseminated (double flaps). Meanwhile, the JTEDs construction will be demonstrated is semi-curve rigid sorting with 1cm; 1,5cm; and 2 cm distance;
 3. For the data collecting, it's hoped to involve the student doing some researches;
 4. The data analyzing is hoped to be improved.
- b) August 26th, 2005 (The workshop preparation)
 - Regarding to the reorganization in DGCF, Ir. Tyas Budiman, MM was assigned be the new National Project Coordinator of the FAO-GEF Project (FAO symbol EP/GLO/201/GEF). The replacement had been reported to FAO Rep in Indonesia through letter No: 3911/DPT.2/KL.520.D2/VIII/05, subject: The Substitution of National Project Coordinator for FAO-GEF "Reduction of Environmental Impact from Shrimp Trawling, through The Introduction of By-catch Reduction Devices and Change of Management (FAO symbol EP/GLO/201/GEF)".
 - Regarding to the closed-time left, the workshop in Merauke previously planned to held in September 5th – 10th, 2005 was suggested to be rescheduled by FAO Rep in Indonesia by the next 2 – 3 weeks later;

- Referring to the above suggestion and for much better preparation, the workshop would be postponed by September 26th – 30th, 2005. Therefore, the postponed letter should be informed to the Merauke Fisheries Services Office, Trainers and Trainees as soon as possible.
 - For the better correspondences with FAO (via e-mail), it is necessary to have a new e-mail address.
- c) September 5th, 2005 (The workshop's curriculum and method)
- General preview of the FAO-GEF Project in Indonesia were pronounced by Mr. Agustinus Anung W (Marine Fisheries Research Institute-BRPL, Jakarta). The briefing was based on the result of previous meeting between Mr. Benni H. Sormin, Director of Fishing Vessels and Fishing Gears, National Project Coordinator, Fishing Technology Development Center-BPPI, Semarang and Marine Fisheries Research Institute-BRPL, Jakarta;
 - Regarding to the activity in BRPL at the same time, both Steering Committees from BRPL (Mr. Agustinus Anung W and Mr. Mahisworo) couldn't join the workshop in Merauke;
 - To replace both SC from BRPL, it was suggested to involve 2 (two) persons from BPPI Semarang (Mr. Agus Suryadi and Mr. Salatun) as trainers;
 - TED/ JTEDs will be installed during the workshop, were:
 - a. Semi curve rigid sorting grid JTED with with 1cm; 1,5cm; and 2 cm distance;
 - b. TED as new regulation issued by US.
 - Both the TED and JTEDs will be prepared by BPPI Semarang (Mr. Suhariyanto);

2. Describe the progress of each activity
(as listed in the project document, section 4.5 General Workplan and Timetable)

Work Plans Project FAO-GEF (FAO Symbol EP/GLO/201/GEF)
Developing of Environmental Friendly Trawl net in Indonesia

No.	Activities	2005												Note			
		1	2	3	4	5	6	7	8	9	10	11	12	activity	Proposal budget (US \$)	Realization Budget (US \$)	
1	Problem identification concerning by-catch																
	- introduction for TED / JTED in Merauke, Papua Province														Nov 28 th – Dec 5 th 2005	39,226.74	39,186.05
2	Stakeholder meetings														April 4 th and 21 st 2005		
3	Field surveys																
	- base line study of BRD														25-27 April at Jakarta	76,080.00	26,708.77
	- fishing gear and method of existing trawl in Indonesia														Postpone 2006	14,134.19	
	- training course on audio visual production														Postpone 2006	10,740.58	
4	Development / adaptation of BRD technologies (optimalisation and experimental trial)																
	- experimental stage																150,850.00
	- training/workshop																1,000.00
4	Development / adaptation of BRD technologies (optimalisation and experimental trial)																
	- experimental stage																139,650.00
	- training/workshop																1,000.00
5	Field demonstration of new technologies																
	- comparative stage trial																59,930.00
	- Disc																10,000.00

3. Describe briefly any workshops, training, or demonstration activities undertaken. Indicate location, and number of participants and days.

Demonstration and Training on By-catch Reduction Devices

By the year 2005, we have conducted 1 (one) workshop. It was the Demonstration and Training on By-catch Reduction Devices in Merauke.

3.1. Time and Place

The Demonstration And Training On By-Catch Reduction Devices “Reduction of Environmental Impact From Tropical Shrimp Trawling, Through The Introduction of By-catch Reduction Technologies and Change of Management” was held either in-land and on-board training from November 28th – December 5th, 2005 in Asmat hotel Merauke, Papua Province. Meanwhile, the on-board demonstration and training had been in the adjacent of Komoran waters, Arafura Sea.

3.2. Trainers and Trainees

The trainers of this workshop are:

- a. Fishing Technology Development Centre, Semarang : 2 persons
- b. Directorate General of Capture Fisheries, Jakarta : 3 persons
- c. SEAFDEC, Thailand : 3 persons
- d. FAO – Rome : 2 persons

The trainees of these workshops are *(detail as attached)*:

- a. Trainees from Merauke : 13 persons
- b. Trainees from Jayapura : 12 persons
- c. Trainees from Jakarta : 15 persons

3.3. Recommendations

- 1) To reduce the environmental impact from trawl net, a better collaboration and coordination between stake holders; government, researchers, fisheries trawl industry, fishermen, NGOs need to be improved;
- 2) To prepare The Minister Decree on TEDs/JTEDs installation both on shrimp trawl net and fish trawl net for the sustainable fisheries management;
- 3) To improve the dissemination and compliance on TEDs/JTEDs installation on trawl net to enlarge the export market.

5. Give other general comments on the current status of the shrimp-trawling industry.

Almost all of the shrimp trawl vessels have installed the TED on their trawl net. Nevertheless, it isn't perfect yet, so more extension to get a better performance is needed.

6. List (for this reporting period) the financial inputs (in-kind)

by government:

- e.g. professional staff (m/m):
- support staff (m/m):
- travel expenses:
- operating expenses:
- equipment:
- etc

by industry:

- e.g. professional staff (m/m):
- support staff (m/m):
- travel expenses:
- operating expenses:
- equipment: fishing vessels and fishing gear
- etc

6. List (for this reporting period) the financial inputs (in-kind)

Demonstration and Training on By-catch Reduction Devices

by government:

a. The professional and support staff:

No	Name	Remarks	
		Time	Value (Rp)
1	Ir. Dedy H. Sutisna, MS	Pra, during and post-activity	Rp. 7.500.000
2	Ir. Tyas Budiman, MM	Pra, during and post-activity	Rp. 5.000.000
3	Dr. Ari Purbayanto, M.Sc	Pra-activity	Rp. 2.000.000
4	Ir. Endroyono, SE, MM	Pra-activity	Rp. 2.000.000
5	Agustinus Anung W, M.Si	Pra-activity	Rp. 2.000.000
6	Ir. Mahiswara, M.Sc	Pra-activity	Rp. 2.000.000
7	Ir. Jainur Manurung, MM	Pra and post-activity	Rp. 3.000.000
8	Ir. Izak Y Siamiloy	Pra, during and post-activity	Rp. 4.000.000
9	Imron Rosyidi, S.Pi	Pra, during and post-activity	Rp. 4.000.000
10	Arif Usman, S.Pi	Pra and post-activity	Rp. 3.000.000
11	Agoestinneke R, S.Sos	Pra and post-activity	Rp. 3.000.000
12	Poltak Manalu	Pra, during and post-activity	Rp. 4.000.000
13	Novia Tri R, S.Pi	Pra, during and post-activity	Rp. 4.000.000
14	Ratna Sofiana L, S.Pi	Pra and post-activity	Rp. 3.000.000
15	Amari (head of local officer)	Pra and during-activity	Rp. 3.000.000
16	Handoyo (local officer)	Pra and during-activity	Rp. 3.000.000
17	Suparman (local officer)	Pra and during-activity	Rp. 3.000.000
	TOTAL		Rp. 57.500.000

b. Travel expenses and operating expenses:

No	Items	Value	
		Price/unit	Total value (Rp)
1	Tickets for Steering committees joining the activity in Merauke	4 persons x Rp. 5.446.000	Rp. 21.784.000
2	Tickets for Organizing committees joining the activity in Merauke	4 persons x Rp. 5.446.000	Rp. 21.784.000
3	Food and Accommodation for Steering committees joining the activity in Merauke	4 persons x Rp. 500.000	Rp. 2.000.000
4	Food and Accommodation for Organizing committees joining the activity in Merauke	4 persons x Rp. 500.000	Rp. 2.000.000
5	TED construction	1 unit x Rp. 2.500.000	Rp. 2.500.000
6	JTED construction	3 units x Rp. 2.500.000	Rp. 7.500.000
7	Jackets	60 pc x Rp. 100.000	Rp. 6.000.000
8	Food consumption for the preparation meeting (SC + OC)	7 times x Rp. 100.000	Rp. 700.000
9	Telephones during in Merauke	8 persons x Rp. 100.000	Rp. 800.000
10	Telephones/ faxes in Jakarta	1 package	Rp. 1.500.000
11	Opening ceremony	1 package	Rp. 3.500.000
12	Closing ceremony	1 package	Rp. 3.000.000
13	Final report	1 package	Rp. 1.000.000
	TOTAL		Rp. 74.068.000

6. List (for this reporting period) the financial inputs (in-kind)

by industry:

c. The equipment (fishing vessels and fishing gears)

The commercial fishing vessels were supported by our colleagues (stake holders), we just pay for the fuel consummated during the fishing trial and pocket money for the crews (also, the estimation of the food consumption and rent for the boats as in-kind contribution, if we pay them), as follows:

No	Items	Value	
		Price/unit	Total value (Rp)
I	Double Rigged Shrimp Trawler		
	a. Fuel	3 kl x 2 days x Rp. 6.000	Rp. 36.000.000
	b. Pocket money for crews	9 persons x 2 days x Rp. 80.000	Rp. 1.440.000
	c. Food consumption	1 package	Rp. 2.000.000
	d. Rent for the boat	2 days x Rp. 20.000.000	Rp. 40.000.000
II	Fish Netter		
	a. Fuel	3 kl x 2 days x Rp. 6.000	Rp. 36.000.000
	b. Pocket money for crews	20 persons x 2 days x Rp. 80.000	Rp. 3.200.000
	c. Food consumption	1 package	Rp. 4.000.000
	d. Rent for the boat	2 days x Rp. 20.000.000	Rp. 40.000.000
	T O T A L		Rp. 162.640.000
	TOTAL GENERAL (a+b+c)		Rp. 294.208.000

7. Estimation of by-catch reduction:

Number of shrimp trawlers:

Number of shrimp-trawlers currently using BRDs: (expand by major-type of shrimp-trawler (if possible)):

Number of shrimp trawlers: Approximately 200 units and they are obligated to install the TED as being regulated by the Indonesian government.

8. List any equipment purchased, with indication of price and present location of the item(s).

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