

## TRAINING AND STUDY TOUR

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### I. BACKGROUND

Training course and study tour formed part of Activity IV: Enhance Human Resource Capability and Participation of the project on Integrated Coastal Resource Management in Pathew District (ICRM-PD). The subjects and topics of the training courses focused mainly on Activity II: Establish and Extend LBCFM and Activity III: Encourage Local Business. Special topics such as local business management were occasionally included according to the people's demand. The training programs were arranged to suit the needs of the target groups of trainees, comprising the project staff, community leaders, fishers' group leaders, women's group leaders, and Ao.Bo.To council members.

### II. TRAINING COURSE RELATED TO ACTIVITY III: ENCOURAGE LOCAL BUSINESS

In 2002, the following six (6) courses and one study tour were conducted:

1. The training on 22 January was attended by seven ladies from Tambol Pakklong Observation processing group in Rayong Province. Encouraging the leaders of women's group to create alternative income sources through group activities was the expected outcome of this training.
2. The participants during the 23-25 January training were staff from TD and seven ladies from Tambol Pakklong who also attended the seminar on "Development of Cooperative Businesses", which was organized by ZENGYOREN (National Federation of Fisheries Cooperatives in Japan) and the Cooperative League in Thailand.
3. On 1 March, the women's group in Tambol Pakklong demonstrated to the other members of the women's group their experiences with the project. The women's group have since then been experimenting with different kinds of value added products to be sold in local markets.
4. The training on fish processing technology targeting women in fishing households from Moo 1, 3, 6 and 7 was conducted on 27-28 May. A training session was conducted on 29 May 2002 to focus on packaging and marketing aspects.
5. On 23-24 June, Phase II of the fish processing training course was conducted, according to the requests from the participants in Moo 1, 3, 6 and 7. The DOF staff demonstrated many different kinds of products and the participants also tried to make new products by themselves.
6. Conducted on 23 August was a training course on cooperatives and business opportunities.
7. On 17 November, the project staff took the new women's group in Moo 7 Tambon Pakklong to the Lang-Suan District women's group to observe the success of the latter's activities as well as in the latter group's administration. The visitors gained more information and learned how such an organization could flourish and succeed (LBCFM-PD No.39).

In 2003, the following training courses were conducted:

On 16-21 June 2003, Phase II of the fish processing training course was continued according to the requests from the participants in Moo 1, 3, 6 and 7. The DOF staff continued to demonstrate many different kinds of products and the participants also tried to produce new products. This training session was conducted three (3) times for 30 persons at a time. The objective was to attain improved taste of the products and develop their own packaging (LBCFM-PD No.40).

In 2004 two (2) courses were conducted as follows:



1. Since almost all members of the women's groups finished primary school level, they lack knowledge on accounting. So, a training course on administrative marketing, primary accounting and balance sheet was conducted for the women' groups.
2. On 25-27 June 2004, the training course focused on packing for improved packaging for participants from village No. 6 (LBCFM-PD No.40)

In 2005, only one training course conducted because the project supported the production cycle:

During this year, the women' group in village No 6 had problem about marketing channel. So on 18-19 August a training course on marketing to promote and develop their product by presentation technique and attraction in terms of product packaging was conducted. A trainer from Chumphon Technique Academy was invited as the Resource Person. The outcome of the training was positive since two (2) groups have their products distributed to the local markets and one of them get a 3 star from the government promotions in One Tumbol One Product contest, and their product has been accepted and distributed in supermarkets and shops.

### III. TRAINING COURSE RELATED TO ACTIVITY II: ESTABLISH AND EXTEND LBCFM

These training courses were for community leaders, fishers' group leaders, women's group leaders, and Ao.Bo.To council members.

#### Fishers

From 2002 to 2006, the following training courses were conducted:

1. On 22-26 April 2002, a mobile training course was arranged at five (5) sites. The purpose of the course was to disseminate the concept of the LBCRM-PD, and discuss the current situation and problems related to coastal fisheries, and steer a direction of the project activities. It was expected that an increase in people's participation in the project activities could be achieved after the training and that activities suggested by the participants could be incorporated in the project as applicable.
2. On 25-26 June 2002, a training course on fish cage culture was arranged in order to disseminate the modern, productive and environment-friendly technology on fish culture to fishers who are presently or will be in the near future engaged in fish cage culture. The number of participants in the training was 35 (LBCRM-PD No.19).
3. In 2003, a training course was arranged for 60 crab trap fishers for them to replace the bottom mesh size of their crab traps from 1.25 inch to 2.5 inch. The result of enlarged mesh size showed an increased trend in the carapace size of the crabs caught as well as increased in total catch. Enlarged mesh size brought higher benefits in terms of exploitation.
4. On 22-25 July 2003, a training course on coastal aquaculture focusing on "Babylonia shell culture" was conducted. Babylonia shell culture was considered an alternative livelihood for fish cage fishers. There were 15 fish cage culturist who attended the training, which had Mr. Luachai Darunchu, a Senior Biologist serving as the Resource Person and lectured on Babylonia shell culture. A study tour to Chon Buri Province was conducted to visit a Babylonia shell farm adopting both cage and pond culture systems.
5. On 1-3 April 2004, a study trip on aquaculture by ARs feed in Krabi, Trang and Song Khla provinces were conducted. The project intended to change their feeds from trash fish to ARs feed because they catch trash fish by push net that operate surrounding their cages near the shoreline.
6. In 2005, a training course on cooperative system was conducted by a Chumphon Province cooperative officer and study tour was conducted at Pangnga and Phuket provinces for observation on the successes of other fisheries groups.

7. In 2006, a study tour to Ban Prad, Trat Province was conducted to observe group management and mangrove management.

#### Community leaders

On 22-26 April 2004, a training course on coastal fisheries management was conducted for head of the village, fishers' group leaders, women's group leaders, teachers and Ao.Bo.To council members for two (2) days. On the third day, a study tour was conducted to exchange their experiences with the committee at Ban Kririwong in Nakhon-Srithumarat province which was successful in its local management.

#### Students

1. In 2002 and 2003, a total of 180 students in grades 5-6 coming from six primary schools in Pakklong Sub-district studied about the principles of coastal resource management and the ecosystem, and the status of fisheries resource through lectures and video presentations on coastal resource conservation.
2. On 5-6 August 2004, a study camp for 30 students in junior high school from Ban Bangvan School at Chumphon Marine Fisheries Research and Development Center (CMDEC) studied coastal resource management and ecosystem, mangroves, coral reefs, fisheries and sea grass. A field study trip was conducted to a mangrove forest near CMDEC to study about mangrove ecosystem (Figure 1) and to a fishing community to learn about fisheries code of conduct (Figure 2). The students were divided into groups for the brain storming and discussion about the coastal resource utilization and sustainability. The trainees received notebooks that campaigned to stop using destructive fishing gears (Figure 3) and t-shirts with the ICRM-PD project promotion design (Figure 4), supported by CMDEC and SEAFDEC.
3. On 19-23 July 2004, a total of 108 students in grades 5-6 from five (5) primary schools in Pakklong Sub-district studied the principles of coastal resource management and ecosystem, and the status of fisheries resource through lectures and video presentations on coastal resource conservation. The trainees received notebooks that campaign to stop using destructive fishing gears and t-shirts with ICRM-PD project promotion design, supported by CMDEC (Figure 5).
4. On 17-20 July 2005, a study camp was conducted in Pran Buri, Prachuab Khiri Khan Province, with 30 students in grades 5-6 from Ban Bonrai school and Ban Thamthong school. On the first day, a study tour to Prachuap Khiri Khan Coastal Fisheries Research and Development Center was conducted where a lecture on the importance of fisheries and aquaculture was given by a Fisheries Biologist. During the second day, the students were divided into six groups and each group learned about mangrove management habitat and ecosystem from the students of Paknam Pran Wittaya School who had experience in the maintenance of the mangrove forest near their school (Figure 6). The next day, the students studied the relationship of animals and wetland, and visited Pran Buri Nation Park (Figure 7). The trainees received hand bags which were product of ICRM-PD and t-shirts with the ICRM-PD project promotion design, supported by CMDEC.

On 10-11 June 2006, a training course was conducted for 30 students of the Ban Pakklong School. On the first day, they studied the principles of coastal resource management and the ecosystem, and the status of fisheries resource. On the second day, they planted 200 mangrove trees in the Thung Maha mangrove forest and learned about the activities of ICFM-PD, i.e. crab bank, aquaculture and the organization of the Pakklong fishermen's group especially on the management of coastal resources in sustainable ways (Figure 8-9). The trainees received t-shirts and notebooks supported by CMDEC. The notebooks given to the students campaigned for the stop of using destructive fishing gears and the t-shirts had ICRM-PD project promotion design, all supported by CMDEC (Figure 10).



**Fig. 1** Field study trip about mangrove ecosystem on August 2004



**Fig. 2** Making up fishing to learn about fisheries code of conduct



**Fig. 3** Notebooks that campaign to stop using destructive fishing gears



**Fig. 4** T-shirts with ICRM-PD project promotion design which supported by SEAFDEC



**Fig. 5** T-shirts with ICRM-PD project promotion design which supported by CMDEC



**Fig. 6** Learning about mangrove management habitat and ecosystem from experience student



**Fig. 7** Visited Pran Buri National Park



**Fig. 8** Study trip to learn about crab bank



**Fig. 9** Study trip to learn about aquaculture in ICFM-PD



**Fig. 10** T-shirts with ICRM-PD project promotion design supported by CMDEC



**Fig. 11** Student joined with CMDEC and Pakklong fishermen's group to release fingerling



**Fig. 12** Student joined with CMDEC and Pakklong fishermen's group to implement mangrove reforestation.