



Ministry of Natural Resources and Environmental Conservation  
Forest Department



“Capacity Building for Strengthening Transboundary Biodiversity Conservation of the Tanintharyi Range in Myanmar (Phase I – Stage I)

(PD 723/13 REV.2 (F))

## Training on Agroforestry and Income Generation for Local Community Completion Report



September, 2018

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## **1. Introduction**

By the collaboration between Forest Department, Ministry of Natural Resources and Environmental Conservation of Myanmar and International Tropical Timber Organization (ITTO), a new project is currently implementing entitled “**Capacity Building for Strengthening Transboundary Biodiversity Conservation of the Tanintharyi Range in Myanmar (Phase I – Stage I) (PD 723/13 REV.2 (F))**”. Capacity building and awareness raising of both local staff and local community involved as the main activities of the project. Therefore, capacity building trainings for relevant stakeholders, education talks and extension programmes for awareness raising and active participation of the local communities in the sector of Biodiversity conservation will be conducted throughout the duration of the project. With the objective of fulfilling the targeted activities of the project, a training has been organized to support the livelihood of local communities; different agroforestry methods and income generation opportunities were the main subjects for this training.

## **2. Objectives of the training**

This training was organized with the following objectives;

- 1) To share the knowledge on the concept of transboundary biodiversity conservation, climate change, proximate and underlying causes of habitat losses and ecosystem deterioration;
- 2) To understand the livelihoods and income generation activities that are less dependent on the forest resources in order to support habitat restoration and biodiversity conservation; and
- 3) To understand the different agroforestry techniques; those play an important role to improve local livelihoods.

## **3. Duration of the training**

The duration of the training last for three days starting from 9<sup>th</sup> September through 11<sup>th</sup> September 2018.

## **4. Level of the trainees**

Local communities residing in the villages within the Tanintharyi Township, Myeik Township and Botepyin Township of the Tanintharyi Region were invited to attend at the training.

## **5. List of trainees**

The total number of trainees attended at the training was 25 as listed in the following table;

No.	Name	Address
1	Daw San Maw	Chaung Naut Pyan village, Tanintharyi Township
2	Daw Hlaing	Chaung Naut Pyan village, Tanintharyi Township
3	Daw Amy Htwe	Tone Byaw Lathar village, Myeik Township
4	Daw Myat Thingyan Oo	In-gmaw village, Myeik Township
5	U Myo Myint Thein	Chaung Naut Pyan Village, Tanintharyi Township
6	U Kyaw Thein	Chaung Naut Pyan Village, Tanintharyi Township
7	U Than Wai Phyo	Chaung Naut Pyan Village, Tanintharyi Township
8	U Aung Kyaw Oo	Bote Pyin Township
9	U Zin Chit Swe	Chaung Naut Pyan Village, Tanintharyi Township
10	U Thein Zaw	Chaung Naut Pyan Village, Tanintharyi Township
11	Daw Hay Mar	Aye Thar Yar village, Tanintharyi Township
12	Daw San San Maw	Chaung Naut Pyan Village, Tanintharyi Township
13	U Kaung Wai Yan Oo	Chaung Naut Pyan Village, Tanintharyi Township
14	U San Htun Aung	Chaung Naut Pyan Village, Tanintharyi Township
15	U Myo Htoo Naung	Chaung Naut Pyan Village, Tanintharyi Township
16	Daw Moe Moe San	Yayphyu Village, Tanintharyi Township
17	Daw Khin Khin Ei	Chaung Naut Pyan Village, Tanintharyi Township
18	Daw Wai Zin Ei	Tamote Chon Village, Tanintharyi Township
19	Daw Zin Mar Oo	Shan Indaw Village, Tanintharyi Township
20	Daw Khine Hnin Wai	Tamote Chon Village, Tanintharyi Township
21	Daw Zin Thu Phyo	Yayphyu Village, Tanintharyi Township
22	U Min Myat	Pe Yar Village, Kyun-su Township
23	U Kyaw Moe Aye	Tanintharyi Town
24	Daw Phyu Zar Hlaing	La-thar Village, Tanintharyi Township
25	Daw Moh Moh Swe	La-thar Village, Tanintharyi Township

## 6. Venue of the training

The training was held the Forest camp of Tanintharyi Township Forest Department located near Chaung Naut Pyan Village, Tanintharyi Township, Myeik District, Tanintharyi Region.

## 7. Opening session of the training

During the opening session of the training, Dr. Thaug Naing Oo (Director, Forest Research Institute) delivered the welcoming remarks for the training. Then, the introduction session of both trainers and trainees were followed. The agenda of the opening session of the training was attached as Annex (1).

## 8. List of trainers

The list of trainers and their respective subjects are listed as follows;

No.	Subjects	Trainers
1	Introduction on Agroforestry	Dr. Thaug Naing Oo, Director, Forest Research Institute
2	Deforestation and Forest Degradation, Climate Change	Dr. Thaug Naing Oo, Director, Forest Research Institute
3	Soil conservation	Dr. Thaug Naing Oo, Director, Forest Research Institute
4	Community Forestry	U Aung Kyaw Soe Staff Officer Tanintharyi Township Forest Department
5	Agroforestry Techniques (Orchard)	Dr. Phyu Phyu Lwin Staff Officer Forest Research Institute
6	Agroforestry Techniques (Home garden)	Dr. Phyu Phyu Lwin Staff Officer Forest Research Institute
7	Agroforestry Techniques (Taungya and Shifting cultivation)	Dr. Phyu Phyu Lwin Staff Officer Forest Research Institute
8	Agroforestry Techniques (Alley cropping)	Daw Tin Hnaung Aye Range Officer Forest Research Institute
9	Income generation activities for livelihood improvement of local communities	Dr. Zar Chi Hlaing Staff Officer Forest Research Institute
10	Value-added forest products	Dr. Zar Chi Hlaing Staff Officer Forest Research Institute

## 9. Schedule of the training

The schedule of the training was attached as Annex (2).

## **10.Type of the training**

Trainers applied participatory approach for lecturing by making all participants actively participated and enjoyed the training. During the lecture, different teaching methods such as role playing, group discussions, games and presentations of the trainees were involved.

## **11.Logistic arrangements**

- a) Lecture notes for different subjects were prepared by each respective lecturer and managed to distribute by the financial support of the project.
- b) Other logistic arrangements such as venue of the training, preparation for the training, accommodation and travels of both trainers and trainees were organized by the project secretariat in collaboration with the local forest department.
- c) Local Forest Department which is Tanintharyi Township Forest Department supported other logistic matters such as invitation of the trainees, meals, accommodation, etc.

## **12.Closing session of the training**

The closing session of the training was held at the training venue which is Forest camp located at Chaung Naut Pyan Village, Tanintharyi Township at 3:00 PM on 11<sup>th</sup> September 2018. U Ba Khin, Deputy Director of Forest Research Institute gave the training certificates to all the trainees and mentioned his thanks for their active participations throughout the training.

## **13.Reviews on the training**

- a) Trainees were actively participated throughout the training. They were found showing respects and interests on the lectures of the trainers.
- b) Apart from the lecture time, group discussions were also involved to seek the traditional knowledge of local communities regarding the farming practices, utilization and processing non-timber forest products. Through those activities, we could have identified the traditional systems of agroforestry, utilization pattern of NTFP and their markets so that it will be beneficial for future preparation of community-based natural resource management plan.
- c) Some trainees suggested to extend the duration of the training and to be involved the field practice as part of the training curriculum.

## **14.Outputs of the training**

By this training, the following outputs have been achieved;

- a) Traditional agroforestry pattern of the villages in Tanintharyi Township including the species composition, horizontal and vertical structure, crop products and crop calendar;
- b) The existing knowledge of local community could have been enhanced by sharing systematic agroforestry techniques, that they can apply to upgrade their current home gardens and agroforestry systems;

- c) Income generation activities other than traditional farming practices such as producing value-added products from Non-timber Forest Products (NTFPs), SMART patrolling in collaboration with local NGOs and INGOs, cultivation of medicinal plants, livestock rearing, etc., have been shared with the local people to enlighten their mindset.

## **15. Conclusion**

By organizing agroforestry techniques and income-generation training, we could have enhanced the experience and knowledge of the local communities in terms of potential for compiling advanced and systematic techniques to their traditional ways. By this mean, the local communities got insights and knowledge to improve their livelihood options. As the economy of Myanmar is based on natural resources and major livelihoods of local communities are farming and production of forest products, this kind of training is critically important for local people not only to support community based natural resources management but also to ensure livelihood security of the local community.

## **Annex (1): Agenda of the opening session**

“Capacity Building for Strengthening Transboundary Biodiversity Conservation of the Tanintharyi Range in Myanmar (Phase I – Stage I)

(PD 723/13 REV.2 (F))

**“Training on Agroforestry and Income Generation for Local Community”**

### **Agenda of the opening session 09:00 – 09:30 AM, 9<sup>th</sup> September 2018**

<b>No.</b>	<b>Time</b>	<b>Items</b>
1	9:00 – 9:20	<ol style="list-style-type: none"><li>1. Opening announcement of the ceremony</li><li>2. Opening speech by Dr. Thaung Naing Oo, Director, Forest Research Institute</li><li>3. Closing Announcement of the ceremony</li><li>4. Group photo</li></ol>
2	9:20 – 9:30	Refreshment



## Annex (2): Training Schedule

“Capacity Building for Strengthening Transboundary Biodiversity Conservation of the Tanintharyi Range in Myanmar (Phase I – Stage I)

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“Training on Agroforestry and Income Generation for Local Community”

9<sup>th</sup> – 11<sup>th</sup> September 2018

Date/Time	9:00 – 9:30	9:30 - 10:30	10:30 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 14:30	14:30 – 16:30
9 <sup>th</sup> Sep, 2018	Opening session and introduction by participants	Deforestation, Forest Degradation, Climate Change (Dr. Thaung Naing Oo, Director, FRI)	Introduction to Agroforestry (Dr. Thaung Naing Oo, Director, FRI)	Lunch break	Forest Soil Conservation (Dr. Thaung Naing Oo, Director, FRI)	Tea break	Community Forestry (U Aung Kyaw Soe, Staff Officer, Tanintharyi Township Forest Department)
10 <sup>th</sup> Sep, 2018	Agroforestry Techniques –Home garden (Dr. Phyu Phyu Lwin, Staff Officer, FRI)	Agroforestry Techniques –Orchard (Dr. Phyu Phyu Lwin, Staff Officer, FRI)	Agroforestry Techniques –Taungya system and shifting cultivation (Dr. Phyu Phyu Lwin, Staff Officer, FRI)		Agroforestry Techniques –Alley cropping (Daw Tin Hnaung Aye, Range Officer, FRI)		Group Discussion on traditional practice of orchard and taungya system (Dr. Phyu Phyu Lwin, Daw Tin Hnaung Aye)
11 <sup>th</sup> Sep, 2018	Value added products of non-timber forest products (Dr. Zaw Chi Hlaing, Staff Officer, FRI)		Income generation activities for livelihood improvement (Dr. Zar Chi Hlaing, Staff Officer, FRI)		Income generation activities for livelihood improvement (Dr. Zar Chi Hlaing, Staff Officer, FRI)		Closing ceremony

**Annex (3): Photos of the training**



Group photo at the opening session



Introduction by the participants





Lecture by Dr. Thaug Naing Oo, Director, FRI



Lecture by U Aung Kyaw Soe, Staff Officer, Tanintharyi Township Forest Department





Lecture by Dr. Phyu Phyu Lwin, Staff Officer, FRI



Lecture by Daw Tin Hnaung Aye, Range Officer, FRI





Lecture by Dr. Zarchi Hlaing, Staff Officer, FRI



Group Discussion for traditional orchard and taungya system





Group Discussion for traditional orchard and taungya system



Presentation by the representative participant for the result of the group discussion





Presentation by the representative participant for the result of the group discussion



Closing remarks of the training by U Ba Khin, Deputy Director, FRI





Providing training completion certificate to the participants



Group photo at the closing ceremony of the training