

Republic of the Union of Myanmar
Ministry of Natural Resources and Environmental Conservation
Forest Department



**“Training on Turmeric (local products) Value-added Products
Production”**

Completion Report

October 2022

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Integrated forest ecosystem management and demonstration project
In greater Mekong sub-region (Myanmar)
“Training on Turmeric (local products) Value-added Products Production”
Completion Report

Introduction

1. The Project title “Integrated Forest ecosystem management and demonstration project in greater Mekong sub-region (Myanmar), Myanmar Component is being implemented by the Forest Research Institute, Forest Department and the Asia-Pacific Network for sustainable forest management and rehabilitation (APFNet) with five-year plan. The three specific objectives are: (1) To conserve and improve forest germplasm resources through construction of Arboretum in FRI; (2) To demonstrate integrated watershed management practice in Paung Laung Watershed; and (3) To enhance the capacity and knowledge of local community, local government and staff through capacity building programs.
2. Pinlaung Township, there are (8) villages in the Tainpin group, including Lainli village, and mainly grow turmeric. There are 160 households in Leinli Village, and about 140 of them cultivate turmeric in the highlands by using shifting cultivation system, and most of them sell it as raw turmeric materials. As the market system expands, there is a need to promote the production and sale of local products from raw materials to finished products and market linkage activities.
3. As Mekong sub-region (Myanmar), APFNet, in order to improve the socio-economic development of Lainli Village and the local people in the surrounding area, the turmeric powder mill was supported during the 2021-2022 fiscal year. Now the turmeric powder mill can be operated properly for the benefit of the local people. This training was opened and delivered with the aim of improving the socio-economic development of the local people by finding and selling local raw materials to produce and sell them as the finished product level.

Objectives

4. The objectives are as follows-
 - (1) To understand the stages of production of finished products from raw turmeric powder.
 - (2) To know and understand the stages of packaging for sale in the market.
 - (3) To expand the business network and raise the living standard by selling in the market.

Training Period

5. Training was held during October 5, 2022 to October 57, 2022 for 3 days.

Training Place

6. Training was held at the Forest Research Institute, Yezin, Zayarthiri Township, Naypyitaw.

Opening/ Closing Ceremony

7. Opening/ closing ceremony will be attached in appendix (1) and (2).

Invited Persons

8. Invited persons will be attached in appendix 3.

Training Courses

9. Training time table will be attached in appendix (4) and training courses are as follows-
- (1) Introduction of the training.
 - (2) Clarifying the rules and regulations of the association.
 - (3) Types and uses of turmeric.
 - (4) Teaching the steps of grinding turmeric powder (lecture).
 - (5) Teaching the steps of grinding turmeric powder (practical).
 - (6) Steps of packaging for sale in the market.
 - (7) Market research; connecting Improving the production of finished goods according to market demand.
10. The trainers of the course that will be taught in lecture and practical are as listed below;
- (1) Dr. SanWin, Professor, External Expert
 - (2) Trainer from Small Industries Department.
 - (3) U Moe Zaw, Director of Forest Research Institute
 - (4) Dr. Ei Ei Swe Hlaing, Assistant Director of Forest Research Institute.

List of Trainees

11. 20 trainees: Local villagers from the project area where located at the Lainli village, Pinlaung Township, Shan State, attended in this training.

A summary of the topics

12. After the opening of the course, the project in charge gave an introduction to the course related to the project topics. After that, the project manager gave a lecture about the rules and regulations of the association. Follow that turmeric's constituent minerals, cultivation methods, excavation methods were introduced and taught.

13. The type of land required for turmeric cultivation, the climate to be planted, nursery practices, the conditions of planting, the right time to harvest, how to harvest, how to dry, how to peel, how to paint, useful areas (food, medicinal, beauty), keeping methods, methods of powder grinding, etc., were shown and taught through lectures and video files. The powder grinding was taught practically. 10 pounds of turmeric powder, grinded it into powder, and taught them how to pack it. Selling in the market availability of turmeric, I was made to study and packaging.

Practical study

14. During the course, the courses include how to operate a turmeric powder mill, installation, install equipment needed for grinding, electrical transmission, registration, the conditions that

must be kept for drying turmeric, practical grinding and in order to study the market situation, conducted a practical field study to Pinyinmana.

Feedback from Trainees

16. After the training, following feedback were received from the trainees –

- They plant Turmeric in their farm every year and they sold out the products to the middle man in the raw form. It is understood that selling value-added by grinding Turmeric can generate more income.
- This training arranged study visit to local Turmeric Factory in Pinyinmana city to learn the steps of processing Turmeric powder. They gained much knowledge.
- They also learn market conditions of Turmeric powder. It was very interesting to make Packaging by our self. Thank you very much this project and teachers from Department of Small and Medium Enterprise.
- The project support grinder machine and related materials to Leinli village. After the training, we will produce Turmeric powder using that machine.
- They learn not only selling Turmeric powder but also planting techniques of Turmeric in order to harvest high quality products, benefits of Turmeric and also institutional knowledge to run grinder machine in the long term with the participation of all household in the village.

Recording

17. The registration of the names of the participants by the recording committee and the distribution of programs and photos are listed in Appendix (6).

Cost for Training

18. Training cost was funded by the integrated forest ecosystem management and demonstration project in greater Mekong sub-region (Myanmar), APFNet.

Administration

19. Vehicle: During the course opening/graduation ceremony, the food for the participants and trainers and plans were made to use the funds of the project to purchase a car to travel to the training site.

20. Communication: If emergency safety and health issues arise during the course, the Forestry Research Department, to the heads of the organizations by telephone and communicated step by step in the right way.

Conclusion

21. By opening the “Training on Turmeric (local products) Value-added Products Production”, can support the socio-economic development of local people Pin Laung Township. This training will support the local socio-economic development of local people by being able to produce and sell turmeric powder (finished product) from turmeric (raw material), which is the main livelihood of local farmers in Lainli Village and surrounding villages

“Training on Turmeric (local products) Value-added Products Production”**Agenda for Opening Ceremony**

Date : 5.10.2022

Place : Auditorium, Forest Research Institute, Yezin

No.	Time	Agenda
1	09: 00- 10: 00	Agenda for Opening Ceremony (1) Announcement for opening ceremony (2) Opening speech delivered by Director General of Forest Department (3) Announcement of ending for opening ceremony (4) Photo Session (5) Refreshment

“Training on Turmeric (local products) Value-added Products Production”**Agenda for Closing Ceremony**

Date : 7.10.2022

Place : Auditorium, Forest Research Institute, Yezin

No.	Time	Agenda
1	13: 00- 13: 30	Agenda for Closing Ceremony (1) Announcement for opening ceremony (2) Closing Remarked by Director General of Forest Department (3) Awarding the certificates (4) Announcement of ending for closing ceremony (5) Refreshment

Appendix (3)**“Training on Turmeric (local products) Value-added Products Production”****Invitated Persons**

	Name	Department	Number
1	Director General, Deputy Director General, Director, Deputy Directors, Assistant Directors	Forest Department and Forest Research Institute	87
2	Trainees	Local villagers, Lainli village, Pinlaung Township, Shan State	20
Total			107

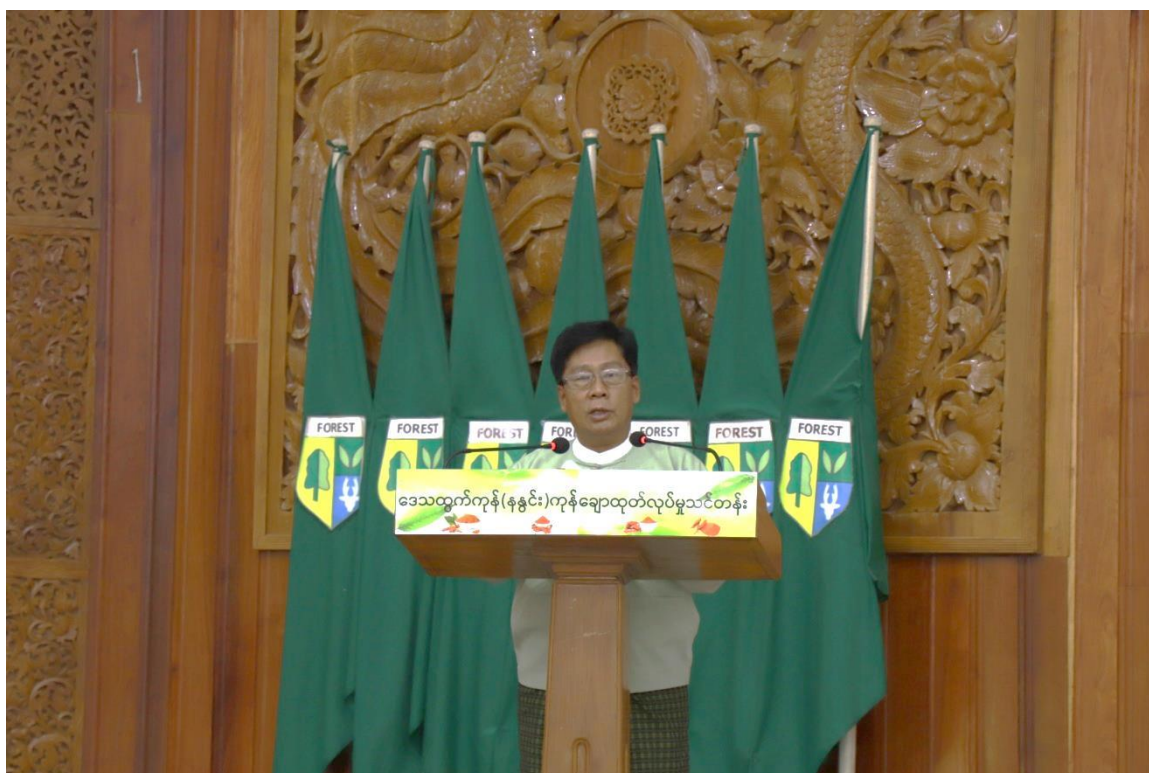
“Training on Turmeric (local products) Value-added Products Production”

Training Courses and Time Table (5.10.2022 to 7.10.2022)

day/ time	9:00-10:00	10:00 – 10:15	10:15-12:15		12:15 - 13:15	13:15-15:15		15:15 – 15:30	15:30-16:30
5-10-2022	Opening Ceremony	Tea Break	Introduction	Clarifying the rules and regulations of the association.	Lunch Break	Types and uses of turmeric.		Tea Break	Teaching the steps of grinding turmeric powder (lecture).
6-10-2022	Teaching the steps of grinding turmeric powder (practical).		Teaching the steps of grinding turmeric powder (practical).			Teaching the steps of grinding turmeric powder (practical).			Teaching the steps of grinding turmeric powder (practical).
7-10-2022	Steps of packaging for sale in the market.		Steps of packaging for sale in the market.	Market research; connecting Improving the production of finished goods according to market demand.		Market research; connecting Improving the production of finished goods according to market demand.	Discussions		Closing Ceremony

**“Training on Turmeric (local products) Value-added Products Production”
Trainees list**

No.	Trainees	Address	Note
1.	U Khin Maung Myint	Pinlaung Township, Lainli Village	
2.	U Tin Zaw Lin	Pinlaung Township, Lainli Village	
3.	U Soe Naing Oo	Pinlaung Township, Lainli Village	
4.	U Toe Lin Oo	Pinlaung Township, Lainli Village	
5.	U Aung Kyi	Pinlaung Township, Lainli Village	
6.	U Swe Hlaing Htun	Pinlaung Township, Lainli Village	
7.	U Nay Myo Hlaing Htun	Pinlaung Township, Lainli Village	
8.	U Kyaw San	Pinlaung Township, Lainli Village	
9.	U Aung Tin Phyo	Pinlaung Township, Lainli Village	
10.	U Maung Aye	Pinlaung Township, Lainli Village	
11.	Daw Mya Win Kyi	Pinlaung Township, Lainli Village	
12.	Daw Thuzar Win	Pinlaung Township, Lainli Village	
13.	Daw Swe Zin Nyein	Pinlaung Township, Lainli Village	
14.	Daw Kun Satt Naychi	Pinlaung Township, Lainli Village	
15.	Daw Thin Thin Swe	Pinlaung Township, Lainli Village	
16.	DAw Aye Thuzar Myint	Pinlaung Township, Lainli Village	
17.	Daw Khing Zarni Myo	Pinlaung Township, Lainli Village	
18.	Daw Moe Pyae Pyae Aung	Pinlaung Township, Lainli Village	
19.	Daw Khin Sabal Oo	Pinlaung Township, Lainli Village	
20.	Daw Nandar Win	Pinlaung Township, Lainli Village	
Total			20 persons



Opening speech delivered by U Htay Aung, Director General of Forest Department



Invited Persons, Trainers and Trainees at the Opening Ceremony



Lecture by Dr. Ei Ei Swe Hlaing



Clarifying the rules and regulations of the association, Lecture by U Moe Zaw



Types and uses of turmeric lecture by Dr. San Win



Teaching the steps of grinding turmeric powder (lecture)



Teaching the steps of grinding turmeric powder (practical)



Steps of packaging for sale in the market.



Steps of packaging for sale in the market.



Awarding Certificate



Display at Closing Ceremony



Documentary Photo