



CESRA
ศูนย์ความเป็นเลิศด้านการวิจัยดินแห่งภูมิภาคเอเชีย
CENTER OF EXCELLENCE FOR SOIL RESEARCH IN ASIA

Periodic meetings for provincial governmental officers and NGOs to integrated their work plans related to Sustainable Land Management (SLM) in Pa Laew Luang Sub District, San Ti Sook District, Nan Province



Under Asian Forest Cooperation Organization: AFoCO

By

Land Development Department

Ministry of Agriculture and Cooperatives

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11-12 September 2023

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Introduction

I. Principles and reasons

The project of improving local community's livelihoods and engagement in sustainable forest and land management in Thailand through Forest Landscape Restoration (FLR) in Pa Laew Luang Sub District San Ti Sook District Nan Province is cooperated by Land Development Department (LDD), Center of Excellence for Soil Research in Asia (CESRA), The International Union for Conservation of Nature (IUCN) and Royal Forest Department (RFD). The arrangement of the meeting on 11-12 September 2023 at Nam Thong Nan Hotel, Mueng Nan District, Nan Province was provided for provincial governmental officers, NGOs and stakeholders in Pa Laew Luang Sub District. The main issue informed and explained the work plan of the project. This meeting also integrate their work plans related on sustainable forest and land management and ensured collaboration among different sectors. There explain on the benefit of the sustainable forest and land management through Forest Landscape Restoration (FLR) to enhance the livelihoods of the community under the support of Asian Forest Cooperation Organization (AFoCO). The achievement of the project need the collaboration from the local organization to keep balance between develop agricultural area and conserve the plenty community forest. Communities are able to create and increase their household income along with sustainable development and conservation of natural resource.

II. Objectives

1) to explain the work plan for enhancing community livelihood by sustainable forest and land management through Forest Landscape Restoration (FLR) under the local organization collaboration.

2) to find out the best practice model of sustainable forest and land management from the local level and response to National Land Degradation Neutrality (LDN) to reduce greenhouse gas from agriculture and forestry sector.

III. Methods of operations

1) The 33 of provincial organization and local organization participate with the meeting on 11-12 September 2023 at Nam Thong Nan Hotel, Mueng Nan District, Nan Province and receive the information and work plan from this project.

2) Provincial organization, and local organization attend focus group for integrating their work plans related on sustainable forest restoration and land management.

3) Community leader and stakeholders join the focus group to make decision on land use planning in the area of Land Allocation Policy Project (Kor Tor Chor) in Pa Laew Luang Sub District, San Ti Sook District, Nan Province

4) The participants join field trip to visit Agroforestry integrated farming and soil and water conservation measurement for sustainable forest and land management in Pa Laew Luang Sub District, San Ti Sook District, Nan Province

IV. Partners in charge of organizing the symposium

The project of improving local community's livelihoods and engagement in sustainable forest and land management in Thailand through Forest Landscape Restoration in Pa Laew Luang Sub District, San Ti Sook District, Nan Province is conducted by Land Development Department (LDD), Center of Excellence for Soil Research in Asia (CESRA), The International Union for Conservation of Nature (IUCN) and Royal Forest Department under the support of Asian Forest Cooperation Organization (AFoCO). All awareness enhancing part were organized by Land Development Regional office 7 and cooperated with Dr. Bunjirtluk Jintaridth, National Project Coordinator, LDD.

V. Symposium elements

The symposium consists of

- Keynote speaker from Mr. Kritpetch Petcharaburanin, Vice Governor of Nan Province
- Special lecture from Mr. Prateep Meekatitham, IUCN
- Special lecture from Mr. Pramote Yamklee, LDD
- Focus group from provincial officers and stakeholders
- Public hearing at Pa Laew Luang Sub District San Ti Sook District Nan Province
- Field Trip at Pa Laew Luang Sub District San Ti Sook District Nan Province
- Project exhibition of sustainable forest and land management

Preparing public relations media used in the symposium

- Symposium supporting documents
- Exhibition set (Roll up)
- Material and equipment necessary used for the symposium (document bag, notebooks, pens)
- Photographs of activities
- VDO recording of lectures and focus group

VI. Attendees

- Government officer 60 people consist of Land Development Department officer 33 people, provincial officer and local officer 27 people. All of them can separate to male 39 people and female 21 people.

- Farmers in land allocation policy project (Kor Tor Chor) in Pa Laew Luang Sub District San Ti Sook District Nan Province 30 people.

VII. Expected Benefits

1) Local organization, involved sector and stakeholders have guideline to enhance community livelihood based on sustainable forest and land management and participatory approach.

2) Community have best practices model for sustainable forest and land management at local level.

3) Area of forest and land degradation and greenhouse gas emission from agriculture and forest sector have trend to diminishing

“The project of improving local community's livelihoods and engagement in sustainable forest and land management in Thailand through Forest Landscape Restoration in Pa Laew Luang Sub District San Ti Sook District Nan Province”

(Asian Forest Cooperation Organization: AFoCO)

11-12 September 2023

Nam Thong Nan Hotel, Mueng Nan District, Nan Province

Opening Ceremony

Land Development Regional Office 7 invited Mr. Kritpetch Petcharaburanin, Vice Governor of Nan Province to open the event. Before the Vice Governor of Nan Province was invited, Mr. Nakarin Chompoo, Director of Land Development Regional Office 7 gave the introduction to the audience that the problems of land degradation and forest degradation which are occurring continuously and have become more severe. Land Development Department (LDD) and Center of Excellence for Soil Research in Asia (CESRA) cooperated with The international Union for conservation of Nature (IUCN) and Royal Forest Department to develop model of sustainable forest and land management for enhancing the local community's livelihoods, responding the goal of national land degradation neutrality (LDN), and reducing greenhouse gas emission from agriculture and forest sector. The objectives of this project are:

1. To increase forest coverage in the target areas through restoration and rehabilitation of degraded forest or degraded land by applying Restoration Opportunity Assessment Methodology and Forest Landscape Restoration.
2. To promote sustainable land management in agricultural sector and to develop a sustainable land use model to halt land degradation among beneficiaries in the target areas.
3. To enhance capacity and engagement of local people, local authorities and relevant stakeholders in sustainable agriculture, sustainable land management and sustainable forest management.

The symposium consists of Keynote speech from Vice Governor of Nan Province, special, focus group from provincial officers and stakeholders from various disciplines involving in the mechanism to integrate their work plans related on sustainable forest and land management and ensure collaboration among different sectors join to build up the model of sustainable agriculture, sustainable land management and sustainable forest management.

Expected Benefits

- 1) Local organization, involved sector and stakeholders have guideline to enhance community livelihood based on sustainable forest and land management and participatory approach.
- 2) Community have best practice model for sustainable forest and land management at local level.
- 3) Area of forest and land degradation and greenhouse gas emission from agriculture and forest sector have trend to diminishing

Results

The summary from the meeting and focus group among provincial organization, local organization and stakeholders under the project of improving local community's livelihoods and engagement in sustainable forest and land management through Forest Landscape Restoration (FLR) in Pa Laew Luang Sub District, San Ti Sook District, Nan Province on 11-12 September 2023.

Recommendations from Vice Governor of Nan province

Today, I am very appreciate the cooperation from Land Development Department (LDD), Center of Excellence for Soil Research in Asia (CESRA), The International Union for Conservation of Nature (IUCN) and Royal Forest Department that aim to raise the quality of life for Nan people by engagement in sustainable forest and land management. The government had carried out the land allocation project or Kor Tor Chor project as we known in “Nan Sand Box Model” for solving the mono-cropping in upstream area. Mono-cropping led to deforestation and environment degradation because there need large area and use a lot of chemical. This project allow Nan people had legal right tenure in upstream area under the promoting of sustainable land use condition activity. Nan province already provided the area of land allocation project about 270,000 rai (43,200 ha) and still in process about 600,000 rai (96,000 ha). Government sector start to change role from controller and captor to be consultant and promoter. The El Nino climate have severe effect in Nan. Normally average annual rainfall is 1,200 mm per year, but this year at nearly the end month of rainy season annual rainfall is less than 700 mm. This month a little rain caused runoff in 5 village, Khun Nan subdistrict, Chalerm Pra kiat district. The bridge and the main road was destroyed. Then we should have plan to encounter with severe natural disaster. Nan development plan during year 2023-2027 have 3 happiness goal consist of social happiness, economic happiness and environment

happiness based on local wisdom network and sustainable community development. I hope that the people under the land allocation project area will do self-sufficiency farming on legal land tenure. They can raise their well-being and able to cope with the risk of climate change or natural disaster. The achievement can be expand the rest 14 districts in Nan province that have same context and condition.

Recommendations from Presenters from the Moderated Session

The session was moderated by Mrs. Chatnapa Promlaaongwan, Agricultural Research Officer, Senior Professional Level, Land Development Regional Office 7.

The improving local community's livelihoods and engagement in sustainable forest and land management through Forest Landscape Restoration Project aimed to develop model of sustainable forest and land management based on community participation for enhancing the local community's livelihoods, responding the goal of national land degradation neutrality (LDN), and reducing greenhouse gas emission from agriculture and forest sector. This project had the pilot target in Pa Laew Luang Sub District, San Ti Sook District, Nan Province. Today we need to integrate plan from provincial involved sector to support sustainable forest and land management model. The output of this project need 30 willingness farmers to demonstrate best practices to improve soil degradation, restore forest ecosystems, relieve water shortage and added value agriculture product to raise household income. This discussion should be cover all dimension for spatial development systems consist of 4 issues I) sustainable land management (SLM) II) sustainable forest restoration (SFR) III) agriculture marketing negotiation IV) strengthen of farmer group.

Mr. Petch Chaipong, Head of Community Organization Council say that “present land use in Pa Laew Luang district is upland rice maize rubber and cassava. I think cassava is the main cause of erosion and sediment flow to the river and porn. The support from the government is not enough. I would like to see the sustainable development at farm level. The farmer develop small land to produce high value of agriculture product and get high household income. In fact the farmers planted in large area but they gained very low income. I would like the farmers reach niche market by growing unique local crop.”

Recommendations from Focus group and Field Trip

Summary issue from focus group

Guidelines for sustainable forest and land management through Forest Restoration with agroforestry.

Present situation: The topography of Pa Laew Luang Sub District, San Ti Sook District Nan Province have slope class more than 35%. Soil context is sandy loam, some area found shallow soil. This area risk for highly soil erosion. This area also difficult to bring the water in the stream for highland cropping. The most of land use is monocrop such as maize, upland rice, rotation crop etc. The intensive land use in this area lead to soil degradation.

Guidelines for sustainable land management.

1) Land Development Department must be assess land degradation and soil quality for farmers that make farmers know status of soil fertility. There also give suggestion of soil improvement with biotechnology from Land Development Department.

2) The land suit assessment and land use plan in farm level base on sustainable agriculture and Forest Landscape Restoration (FLR). The land scape design use catchment boundary for sustainable activity such as integrated farming, agroforestry and Kok Nong Na model, etc.

3) The design of soil and water conservation emphasis to reduce runoff and make check dam to keep water for offseason and increase soil moisture.

4) The farmers interest in integrated farming, free pesticide agriculture, raise yield productivity and value added per rai or hectare.

5) The farmers want to increase their household income by growing high value economic tree with mushroom spore germination especially Dipterocarp tree (Yang Na) and bee farming.

6) The local organization should be promoted to community more realized on forest restoration for handle the climate change.

Guideline for marketing development. .

1) The local organization should have more collaboration and co-work plan together.

2) The farmers should have production plan base on “Driven Demand” principal. They will have local product for tourism seasonal.

3) The community should have signature brand by using history and story to promote the local product.

4) The training course to upskill of using technology and social tools is necessary for farmers to reach consumer by themselves.

Pictures of Meetings Event in Nan Province on 11-12 September 2023
To informed and explained the work plan of the project and integrate the local organization work plans related on sustainable forest and land management and ensure collaboration among different sectors



**Public hearing from farmer and stakeholders in Land Allocation project area
in Pa Laew Luang Sub District, San Ti Sook District, Nan Province**



**Field Trip to visit agroforestry integrated farming and soil and water conservation measurement
for sustainable forest and land management
in Pa Laew Luang Sub District, San Ti Sook District, Nan Province**



List of participants (Officers) in Nan Province

1. Mr. Kritpetch Petcharaburanin
2. Mr. Nakarin Chompoo
3. Mr. Sarunnupong Chaiwattanakul
4. Mr. Tewin Ruamsooknirundorn
5. Miss Narinporn Namuaeng
6. Mrs. Suneerat Lohachote
7. Mr. Phaaob Binsaart
8. Mr. Rattawit Tankaew
9. Mr. Weerachat Jaijan
10. Mr. Rattanachai Moonsiri
11. Mr. Wattanasak Thongrak
12. Mr. Chatchawan Tanakwang
13. Mr. Siam WongThep
14. Mr. Chamnan Budasa
15. Mr. Nattapol Chaichana
16. Mrs. Janjaree Buranawet
17. Mr. Saksit Sriwichai
18. Mr. Taweepong Na Nan
19. Miss Luesai Panompiboon
20. Mr. Aekapong Chaichorpha
21. Mr. Jirawut Khamwong
22. Mr. Aekapon Panpan
23. Mr. Rapeepong Lapatpakkanut
24. Mr. Saman Supakwanit
25. Miss Tidalak RuaengRit
26. Mr. Petch Chaipong
27. Mr. Kasetronnarong Samongdee
28. Mr. Weerayut Anantayot
29. Mr. Chayut Chaimano
30. Mrs. Nattikan BoonChareon
31. Mr. Pratan Payom
32. Mr. Teerapong Kamboon
33. Mr. Hanchai Chaiwong

34. Mrs. Jaruwan Srithumma
35. Mr. Sanya kamin
36. Mr. Likhit Wongpiranon
37. Mr. Warakorn Wongsit
38. Mr. Sarayut Prasertniramon
39. Mrs. Chatnapa Promlaaongwan
40. Mr. Prakit Duangkaew
41. Mrs. Bootsakol Ratchanajan
42. Mr. Jakkapan Boonchuang
43. Miss Jirarat Tanapasee
44. Miss Kulnasorn Jankrueng
45. Mr. Pitsanu Thalaikham
46. Miss Mayuree Paloot
47. Mr. Suppanat Aeitchoo
48. Miss Kamonthip Saleetao
49. Acting Sub Lt. Phonganan Namwong
50. Mr. Chatchai Sittichai
51. Miss Wareerat Audrang
52. Miss Molwaipa Phoosaengthong
53. Mrs. Sommai Rinin
54. Miss Sudarat Surin
55. Miss Naralux Tana
56. Miss Mullika Kaewpiyasub
57. Miss Tasporn Kuaenphet
58. Mr. Jirachai Kongkuna
59. Miss Rotjana Aekkarat
60. Mr. Nipitphon Khamyot
61. Mr. Tanpisit Khampa
62. Mr. Prateep Kulnawong

Men = 41 people = 66.13 %

Women = 21 people = 33.87 %

Total = 62 people = 100 %