

Female-focused Extension Services (FFES)

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1. Approaches

1. Female-focused Extension Services (FFES) are designed for and delivered by women. Activities of FFES are planned and implemented with strong commitment of the Division for the Advancement of Women (DAW) of Ministry of Agriculture and Forestry (MAF). At the village level, Village Lao Women's Union of each village play a leading role in planning and implementation of the activities with supports of PPO, DCO, NPMO and GIC.

2. In this project, the FFES are conducted in the beneficiary villages with poor ethnic groups. Thus, the activities contribute not only to women (including FHHs) but also to poor ethnic groups as a part of Ethnic Group Development Plan (EDGP). Basically, target villages are selected according to the criteria of **villages with poor ethnic group**. Initial target households shall be selected from the **non-beneficiary households** in the subproject areas of the project.

3. FFES activities are under implementation in two batches and basically one (1) village is to be selected in each of the four (4) project target provinces for each batch of the activities. Participants conduct selected FFES activities for two (2) years. In order to ensure the project sustainability, the first selected participants have an obligation to return the received amount (cash or in kind) to the FFES committee in two (2) years for extending the activities to the second group of participants.

2. Implementation Procedure

4. The Female-focused Extension Service activities are implemented by the following procedure.

- (1) Consultation meeting with target pilot villages.
- (2) Establishment of a committee for Female-focused Extension Services
- (3) Selection of households for each activity
- (4) Preparation and providing training on the activities.
- (5) Arrangement for procurement of cardamom, onion and garlic, baby animals as well as other necessary equipment.
- (6) Delivery of sapling of cardamom, onion and garlic, baby animals, and other materials / equipment.

- (7) Implementation of the activities by 1st group of participants
- (8) 1st group of participants return the received amount to FFES committee for extending the activities to the second group of participants

3. Implementation of 1st Batch FEES Activities

3.1. Original 1st Batch FFES Activities

5. The 1st batch of the target villages and activities for the Female-focused Extension Services (FFES) are summarized as in **Table 1**.

Table 1. Summary of Batch 1 FFES Activities Implementation

Prov.	Dist.	Subproject	Village	Ethnic Group	Activities	Participating Households
PSL	Bountai	Nam Ngen2 (Phase II)	Bohaad	Akha	Goat raising	14 HHs
ODX	Beng	Nam Hao (Phase II)	Houay Luck	Khmu	Cardamom cultivation	10 HHs
					Goat raising	5 HHs
LNT	Long	Nam Ma (Phase III)	(1) Houa Khoua 1&2 (2) Nam An (3) Nong Kham	Lanten (Lao Houay)	Pig raising	10HHs
					Duck raising	11 HHs
					Cricket raising	1 HH
BKO	Pha Oudom	Houay Bong (Phase II)	Hat Mouak	Lamet	Cardamom cultivation	10 HHs
					Goat raising	5 HHs
			Van Pom	Lamet	Goat raising	10 HHs

10 Phongsaly Province: Goat raising was proposed as FFES activity for “Nam Ngene 2 subproject (Phase II)”, which covers one (1) village of Bohaad. Bohaad village has 16 Akha households living in Chavang area, 7 kilometers away from the main residential area of Khmu ethnic group in the village. All of the Akha households were not beneficiaries of the project. Thus, the Akha households were given priority in the selection of participating households of the FFES activities in the village. In May 2019, the project firstly provided 3 -4 goats to each of the selected 14 Akha households. After one year, the remained 2 households also received baby goats for raising. Total 51 goats were provided with support of the project. In June 2021, the FFES activity in Chavang area of Bohaad village was completed. As of June 2021, 117 goat babies were born, 42 goats were sold, and 123 goats were still kept by the all 16 Akha households.

11 Oudomxay Province: Goat raising and cardamom growing were proposed as FFES activities for “Nam Hao subproject (Phase II)”, which covers one (1) village of Houayluck. Houayluck is the only non-Lao-Tai (Khmu) village among the other beneficiary villages of Lao-Tai ethno-linguistic group in the subproject. The number of beneficiary households in Houayluck are much less than other villages of the subproject, as the Khmu people in Houayluck recently came down to the area from the surrounding mountainous area, and few households possess paddy fields. In May 2019, the project supported 38 goats to 5 Khmu households, and 17,500 saplings of cardamom were provided to other 10 Khmu households. By the end of June 2021, the 1st group of 5 households for goat raising repaid to the village revolving fund with interests. Regarding cardamom cultivation, it usually takes 4 years since planting to harvest cardamom seeds, so the 1st group of 10 households for cardamom cultivation are still continuing the activity.

12 Luang Namtha Province: Six (6) FFES activities of pig raising, goat raising, cricket raising, cucumber growing, garlic growing, and growing vegetables in greenhouse were proposed for “Nam Ma subproject (Phase III)”, which covers three (3) villages of Houa Khoua 1+2, Nam An and Nong Kham. These all three (3) are villages belonging to non-Lao-Tai ethno-linguistic groups of Lanten (Lao Houay) ethnic group, and the villagers possess less paddy fields compared with the other beneficiary villages of the subproject. In June 2019, the project supported by providing 5 pigs with necessary materials and equipment to 10 households, and 40 ducks with necessary materials and equipment to 11 households, and crickets with necessary materials and equipment to 1 household in the three (3) Lanten villages. During the 2019/2020 dry season, these 22 Lanten households mobilized profits gained from the pig, goat and cricket raising activities to conduct cucumber growing (4 households), garlic growing (17 households) and vegetables growing in greenhouse (1 household). By the end of June 2021, the 1st group of 22 households for pig, duck and cricket raising activities (with cucumber, garlic and vegetables growing in greenhouse) repaid to the village revolving fund with interests.

13 Bokeo Province: Goat raising and cardamom growing were proposed as FFES activities for “Houay Bong subproject (Phase II)”, which covers two (2) villages of Hat Mouak and Van Pom. Both Hat Mouak and Van Pom are villages of Lamet ethnic group with less paddy fields. The FFES participants in Hat Mouak and Van Pom are consisting of 15 households of goat raising members (5 HHs for Hat Mouak and 10 HHs for Van Pom) and 10 households of cardamom growing in Hat Mouak. By the end of June 2021, the 1st group of 25 households for goat raising and cardamom growing activities repaid to the village revolving fund with interests.

3.2. Additional 1st Batch FFES Activities at Houay Xo 2 Subproject

6. The four (4) beneficiary villages of Houay Xo 2 Subproject – (i) Dong; ii) Pangsa; (iii) Pak Xo; and (iv) Khonteun – have long been producing job's tear at more than 1,000 hectares as sedentary agriculture at commercial basis. However, the villagers have insufficient cash for the cropping, many of them borrow money from middlemen at very high interest or from the government policy banks such as Nayoby Bank with complicated and time-consuming paperwork. In case of poor crops due to the bad weather and/or spreads of pest and diseases, the farmers face the risk of losing their farmlands.

7. During the CF/Marketing international specialist's field trip in November 2018 aiming at formulating pilot activities on the Promotion of Commercial Crop Production (PCCP), the PPO Bokeo proposed to support job's tear production in the four (4) beneficiary villages of Houay Xo 2 Subproject by introducing a revolving fund, which enable the farmers' access to low interest loans for the purchase of input goods such as seeds and fertilizers.

8. PPO Bokeo finally submitted the official request to NPMO in the middle of February 2019, which was just after ADB MTR mission and there was no chance to request for inclusion of the approved first batch 1 of FFES in the Aide Memoire. Paktha district governor has signed the document on the establishment of Farmers Production Group in each village for this activity. which aims for start the commercial crop production during the 2019 wet season.

9. This activity was originally planned as a part of activities on promotion of commercial crop production through contract farming but changed to a part of activities of FFES due to more suitability for FFES. The Project received the no-objection letter from ADB LRM dated on 14 March 2019 for implementation of the activity on promotion of commercial crop promotion through revolving fund in Paktha District of Bokeo Province as a part of 1st batch FFES.

3.3. Budgeting for Batch 1 FFES Activities

10. The Female-focus Extension Service aims to promote gender/ indigenous and community development. Budget will be allocated under of component 2 strengthening category. Total estimated budget for Batch 1 FFES four (4) provinces are 633,933,300 kip, comprised of i) 364,743,000 kip for direct cost (project budget), and ii) 269,189,300 kip for capacity building, trainings, administration (project budget), as summarized in **Table 2**. The budget plan was approved by ADB LRM on 28 February 2019.

Table 2. Budget plan for the 1st batch FFES activities (kip)

Description		Phongsaly	Oudomxay	Luang Namtha	Bokeo	TOTAL
1	Direct cost	88.880.000	132.775.000	45.078.000	98.010.000	364.743.000
2	Supervision, training, admin.	89.794.000	30.548.300	85.833.000	63.015.000	269.190.300
TOTAL		178.674.000	163.323.300	130.911.000	161.025.000	633.933.300
(equivalent to US\$)		(US\$20,902)	(US\$19,107)	(US\$15,315)	(US\$18,838)	(US\$74,162)

Remarks: US\$1=8,548kip

11. In addition to the 5 villages of the 4 provinces explained above, all the beneficiary villages of Houay Xo 2 subproject (Phase II) were also selected as the batch1 FFES activities site. The total estimated cost is LAK 169,482,000 (US\$19,827). The budget plan for the additional batch 1 FFES activities was approved by ADB LRM on 14 March 2019.

3.4. Trainings for 1st Batch FFES Activities

12. From 13 May 2019 to 2 June 2019, the NPMO and GIC gender team conducted a fieldwork for supporting PPO and DCO in implementation of the activities and on-the-job training on FFES activities at 9 batch 1 FFES target villages in the 5 subprojects of the 4 provinces.

13. Project provided seventeen (17) extension trainings for 1st batch Female-focused Extension Services (FFES) at 9 pilot villages from May to June 2019.

Table 3. Extension trainings for 1st batch FEES

Name of pilot village	Training topics	Date of training	Total participants	Of which, women
1. Chavang	Goat rising technical training	May 2019	37	20
2. Houayluck	Goat rising and cardamom cultivation technical training	May 2019	30	17
3. Nam An	Animal rising and vegetable technical training	May 2019	40	25
4. Huakhua	Duck rising technical training	May 2019	30	19
5. Vang Pom	Goat rising and cardamom cultivation technical training	May 2019	30	12
6. Dong	Jobs tear cultivation and revolving fund technical training	June 2019	40	20
7. Pangsa	Jobs tear cultivation and revolving fund technical training	June 2019	35	18
8. Khonteun	Jobs tear cultivation and revolving fund technical training	June 2019	39	16
9. Pakso	Jobs tear cultivation and revolving fund technical training	June 2019	40	19
Sub-total			321	166

4. Implementation of 2nd Batch FEES Activities

4.1. 2nd Batch FFES Activities

14. The 2nd batch FFES activities were implemented at 4 villages in Nam Beng subproject (Phase I, Beng district) and at 2 villages in Nam Ngaad subproject (Phase III, Houn district) in Oudomxay province. The 2nd batch of the target villages and activities for the Female-focused Extension Services (FFES) are summarized in the **Table 4**.

Table 4. Summary of Batch 2 FFES Activities Implementation

Prov.	Dist.	Subproject	Village	Ethnic Group	Activities	Participating Households
ODX	Beng	Nam Beng (Phase I)	Namet	Lue	Garlic cultivation	10 HHs
			Yo			10 HHs
			Pandeu			5 HHs
			Xiang Lae			4 HHs
	Houn	Nam Ngaad (Phase III)	Somxay	Khmu	Organic vegetable production with green house	12 HHs
			Na			12 HHs

15. Implementation of the 2nd batch FFES activities at Nam Beng subproject commenced in December 2019 for the project period of 2 dry seasons. In June 2021, after completion of the 2nd dry seasons cultivation, the 29 households repaid to the revolving fund with interest and management fees.

16. For Nam Ngaad subproject, vegetable cultivation in greenhouse activity targeted 12 households in each of 2 villages commenced in March 2021. The 1st group of 24 participating households is schedule to repay to the village revolving funds by March 2023.

4.2. Budgeting for Batch 2 FFES Activities

17. Implementation and budget plan for the 2nd batch FFES was approved by DG of DOI on 21 October 2019 and notification was sent to all relevant PPOs and DCOs for commencement of the activities by preparation of village consultations, establishment of committee of the activities and conducting baseline survey at the FEES batch 2 target villages on 6 December 2019. The approved budget for FEES batch 2 activities is summarized in **Table 5**.

Table 5. Budget plan for the 2nd batch FFES activities

(kip)

Description		Nam Ngaad (Phase III)	Na, Beng (Phase I)	TOTAL
1	Direct cost	143,315,000	87,000,000	230,315,000
2	Supervision, training, admin.	26,142,680	34,148,000	60,290,680
TOTAL		169,457,680	121,148,000	290,605,680
(equivalent to US\$)		(US\$19,824)	(US\$14,173)	(US\$33,997)

Remarks: US\$1=8,548kip

4.3. Trainings for 2nd Batch FFES Activities

18. On 8 October 2019, proposals of the implementation and budget plan for 2nd batch of FFES activities prepared by PPO and DCO staffs were submitted to NPMO. NPMO approved the proposals on 11 October 2019 and the proposals were submitted to DG of Department of Irrigation (DOI) on 15 October 2019. On 21 October 2019, DG of DOI approved the proposal.

19. From 26 to 28 November 2019, Oudomxay PPO and the relevant DCO staffs with GIC national extension specialist visited target villages in Nam Beng and Nam Ngaad subprojects for preparation of the FFES batch2 activities.

20. On 6 December 2019, NPMO sent notification of approval of the FFES batch2 activities to PPO and DCO. Following the notification, PPO and DCO staffs started implementation of the activities by preparation of village consultations, establishment of committee of the activities, and conducting baseline survey at the FEES batch2 target villages.

21. The project provided two (2) extension trainings for 2nd batch FFES at Somxay and Na villages in January 2020. Extension trainings were also planned at four (4) FFES target villages of Nam Beng subproject in late-March to early-April 2020 but have been postponed due to Covid-19 prevention measures taken by the government. The postponed trainings will be provided in August 2021.

Table 6. Extension trainings for 2nd batch FEES

Subproject (Villages)	Skills training topics	Date of training	Total participants	Of which, women
1. Nam Ngaad (Somxay, Na)	Technical training on organic vegetable production in green house	8 – 10 Jan 2020	34	23
2. Nam Beng	Onion and garlic technical training	August 2021 (plan)	-	-
Sub-total			34	23

5. Results of the FFES Activities Implementation

5.1. Results of 1st Batch FFES Activities Implementation

5.1.1. Phongsaly

22. Bohaad village (Bountai District, Phongsaly Province) has Chavang area, where is upland area located at 7 km from the village center. 16 Akha households live in the area. In May 2019, the project firstly provided 3 – 4 goats to each of the selected 14 households. After the one year, the remained 2 households also received baby goats for raising. Total 51 goats were provided with support of the project. In June 2021, the FFES activity in Chavang area of Bohaad village has been completed. As of June 2021, 117 goat babies were born, and 42 goats were sold and 123 goats are still kept by the 16 households.

Table 7. Results of goat raising activity in Chavang area of Bohaad village (As of 31-12-21)

	Name of participant	No. of goats provided		New-born baby	Dead	Sale	Currently breeding	Notes
		Male	Female					
1	Ms.Modo	1	3	8		4	8	
2	Ms.Ishi	1	3	5	1	1	7	
3	Ms.Yameu		3	4		2	5	
4	Ms.Apo	1	3	8		4	8	
5	Ms.Sengchan	1	3	9	1	2	10	
6	Ms.Siteu	1	3	9		1	12	
7	Ms.Ateu		3	8		3	8	
8	Ms.Mishi		3	7		7	3	
9	Ms.Asa		3	6		3	6	
10	Ms.Misou		3	7		7	3	
11	Ms.Abe	1	3	11		2	12	
12	Ms.Miteu		3	6		1	8	
13	Ms.Ke	1	3	11		2	13	
14	Ms.Mika	1	3	12		1	16	
15	Ms.Mitou		1	3		2	2	Additional New 2HHs
16	Ms.Kaew			3			2	
TOTAL		8	43	117	2	42	123	

Source: PPO Phongsaly

5.1.2. Oudomxay

23. Houayluck is the only Khmu village in Nam Hao subproject (Phase II). Compared with other villages in the subproject, the villagers have less paddy fields as they relatively recently moved to the current village area from the old village on the mountain slope nearby.

24. In May 2019, the project provided 38 goats to 5 households while 17,500 saplings of cardamom were given to other 10 households. In May 2021, after 2 years of the activity, the 1st group of participants for goat raising completed the activity. As of May 2021, 73 babies were born and 35 goats were consumed by themselves, 5 goats were sold and 69 goats were still remained for the 5 households. By the end of June 2021, the 1st group of 5 households for goat raising repaid to the revolving fund with interests.

25. Regarding cardamom cultivation, it usually takes 4 years since planting to harvest cardamom seeds, so the 1st group of 10 households for cardamom cultivation are still continuing the activity.

Table 8. Results of goat raising activity in Houayluck village of Nam Hao subproject

	Name of participant	No. of goats provided		New-born baby	Dead	Self-consumption	Sale	Currently breeding
		Male	Female					
1	Ms. Van	1	6	2	5		0	4
2	Ms. Theung	2	5	2	5			4
3	Ms. Say	1	7	13		1	2	18
4	Ms. Yiya	1	7	2		1		9
5	Ms. Keuam	1	7	14	1		1	2w
	TOTAL	6	32	33	11	2	3	55

Source: PPO Oudomxay

Table 9. Overview of cardamom plantation activity in Houayluck village of Nam Hao subproject

	Name of participant	Planted Area (ha)	Planted number of samplings	Dead number of saplings
1	Ms. Douy	0.5	1,250	50
2	Ms. Phiw	0.5	1,250	800
3	Ms. Bon	1	2,500	
4	Ms. Tong	1	2,500	
5	Ms. Chek	0.5	1,250	
6	Ms. San	1	2,500	
7	Ms. Ken	1	2,500	
8	Ms. Tiam	0.5	1,250	
9	Ms. Khad	0.5	1,250	
10	Ms. Lanoy	0.5	1,250	

TOTAL	7	17,500	850
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Source: PPO Oudomxay

Table 10. Revolving fund for FFES activities in Houayluck village of Nam Hao subproject

Activity	No. of borrowing HH	Lending period (months)	Total lending amount (kip)	Repayment amount* (kip)
1 Goat raising	5	24	70,025,000	77,203,000
2 Cardamom cultivation	10	60	62,750,000	-
TOTAL	15		132,775,000	77,203,000

Source: PPO Oudomxay

Note: */ Annual interest of 5% for 24 months (2 years) for goat raising.

As of the end of June 2021

5.1.3. Luang Namtha

26. In Luang Namtha Province, 3 Lanten villages of Nam An, Houa Khoua and Nong Kham were selected for the FFES activities.

27. At Nam An, 10 households and 11 households participated in pig raising and duck raising activities respectively. At Houa Khoua village, 8 households participated in duck raising activity and one household participated in cricket raising activity. One household in Nong Kham grows vegetables in greenhouse. Results of each activity was summarized in **Table 11** and **Table 12**.

Table 11. Results of pig, duck and cricket raising activities

Activities	Participating HHs	Received	New-born baby	Self-consumption	Sale	Currently breeding
1 Pig raising	10	50	0	11	39	0
2 Duck raising	11	760	682	147	1,036	259
3 Cricket raising	1	6 kg	86 kg	0	86 kg	6 kg x 6 times

Source: PPO Luang Namtha

Table 12. Results of growing cucumber, garlic and vegetable in greenhouse activity

Activities	Participating HHs	Area (m ²)	Harvest (kg)	Gross Income (kip)	Notes
1 Cucumber	4	1,200	1100	5,500,000	Sale 3 times
2 Garlic	17	17,800	1735	23,505,000	Sale 2 times
3 Vegetables in Greenhouse	1	180	73.5	735,000	Sale 1 time
TOTAL				29,740,000	

Source: PPO Luang Namtha

28. Gross income, expenditure and profit of each activity of batch 2 FFES are summarized in **Table 13**.

Table 13. Gross income, expenditure and profit of each activity (kip)

Activities		Cost (a)	Gross Income (Sale) (b)	Net Income (Profit) (c) = (b) – (a)
1	Pig raising	63,700,000	89,250,000	25,550,000
2	Duck raising	45,850,000	79,080,000	33,230,000
3	Cricket raising	2,260,000	4,300,000	2,040,000
4	Cucumber	1,300,000	5,500,000	4,200,000
5	Garlic	4,700,000	23,505,000	18,805,000
6	Vegetables in Greenhouse	150,000	735,000	585,000
TOTAL		117,960,000	202,370,000	84,410,000

Source: PPO Luang Namtha

5.1.4. Bokeo

29. Original FFES activities in Bokeo Province targeted at Vang Pong village. 50 goats were delivered to 10 households. 90 goat babies were born and they still keep 71 goats after self-consumption and sales.

Table 14. Results of goat raising activity in Vang Pong

Activities	No. of HH	Received	New-born baby	Self-consumption	Sale	Currently breeding
1 Goat raising	10	50	90	23	46	71

Source: PPO Bokeo

30. All 4 villages of Houay Xo2 subproject in Paktha District are selected as additional batch 1 FFES activity targets. 32 to 33 million kip were allocated to each village as revolving fund for promoting crop production such as job's tear in the 4 villages. In each village, 12 to 16 households borrowed from the fund for purchasing input goods for commercial crop production. Annual interest rate was 5% per year. In the first year (2019), severe drought hit the area and the harvest was very poor. The same households, therefore, continued borrowing in the 2nd year (2020).

Table 15. Results of the revolving fund in 4 villages of Houay Xo2 subproject (2019, 2020)

Village	No. of borrowing HH	Lending period (months)	Total lending amount (kip)	Repayment amount* (kip)	Harvest area (ha)	Harvest amount (ton)
1 Dong	15	12	31,500,000	34,728,750	30	90

Village		No. of borrowing HH	Lending period (months)	Total lending amount (kip)	Repayment amount* (kip)	Harvest area (ha)	Harvest amount (ton)
2	Pangsa	16	12	31,500,000	34,650,000	24	72
3	Pakxo	12	12	31,500,000	34,650,000	18	54
4	Konteun	12	12	31,000,000	34,100,000	24	72
TOTAL		55		131,775,000	138,128,750	96	288

Source: PPO Bokeo

Note: */ Repayment amount after 2 years of lending (annual interest of 5%)

5.2. Results of 2nd Batch FFES Activities

31. Batch 2 FFES activities have been implementing at Nam Beng subproject (Phase I, Beng district) and Nam Ngaad subproject (Phase III, Houn district) in Oudomxay province. Implementation of the batch 2 FFES activities commenced in December 2019 for the project period of 2 dry seasons. By June 2021, the 29 households repaid to the revolving fund with interest and management fees. At 4 villages in Nam Beng subproject, lending for garlic cultivation activity has been implementing as summarized in **Table 16**.

Table 18. Results of the revolving fund for garlic cultivation in 4 villages of Nam Beng subproject

Village	2019/2020 DS					2020/2021 DS			
	HHs	Lending Period	Lending Amount (th. Kip)	Interest 3% (th. Kip)	Mgmt. Fee (th. Kip)	HHs	Lending Period (th. Kip)	Interest 3% (th. Kip)	Mgmt. Fee (th. Kip)
1 Na Maet	10	10M	30,000	750	200	10	12M	900	240
2 Yo	10	10M	30,000	750	200	10	12M	900	240
3 Pangdeua	5	6M	15,000	225	60	5	12M	450	120
4 Xieng Lae	4	10M	12,000	300	80	4	12M	360	96
TOTAL	29		87,000	2,025	540	29		2,610	696

Source: PPO Oudomxay

32. Regarding the garlic cultivation activity, in 2019, 29 households planted 767 kg of garlic at 8.7 ha, harvested 6.1 ton of garlic and earned 61 million kip from the sales. The same 29 households planted 1,200 kg of garlic, harvested 14.7 ton of garlic and earned 146.8 million kip in 2020. The activity successfully expanded in 2020 as the import of cheap garlic from China sharply reduced due to COVID19 travel restriction.

Table 19. Planted area, planted amount, harvest amount and sale of garlic cultivation activity in Nam Beng subproject in 2019/20 and 2020/21 dry seasons

Village		HHs	2019/20 DS				2020/21 DS			
			Planted Area (ha)	Planted Amount (kg)	Harvest Amount (kg)	Sales (in.kip)	Planted Area (ha)	Planted Amount (kg)	Harvest Amount (kg)	Sales (kip)
1	Na Maet	10	3	177	1,205	12,050	4.75	290	3,148	31,480
2	Yo	10	3	200	2,900	29,000	3	500	8,300	83,000
3	Pangdeua	5	1.5	180	1,700	17,000	1.2	210	1,630	16,300
4	Xieng Lae	4	1.2	210	310	3,100	1.2	200	1,600	16,000
TOTAL		29	8.7	767	6,115	61,100	10.2	1,200	14,678	146,780

Source: PPO Oudomxay

33. Vegetable cultivation in greenhouse activity targeted 12 households in each of 2 villages of Nam Ngaad subproject. During the 2020/21 dry season, the 12 participating households harvested 4.3 ton of vegetables and earned a total of 19.3 million kip from the sales.

Table 20. Cost, Harvest, Sales and Profit of Vegetable Production in Greenhouse Activity in Nam Ngaad subproject

Village		2020/21 Dry Season				
		HHs	Cost* (kip)	Harvest (kg)	Sales (kip)	Profit (kip)
1	Somxay	12	60,000	2,053	9,837,000	9,777,000
2	Na	12	195,000	2,272	9,673,000	9,478,000
TOTAL		24	255,000	4,325	19,510,000	19,255,000

Source: PPO Oudomxay

Note: Production cost only

5.3. Completion and handing-over FFES activities to the relevant PAFO/DAFO

34. The 1st batch of FFES commenced in May -June 2019 for the activity period of 2 years by providing necessary input goods and equipment. Total 76 households in 7 poor ethnic minority villages of 4 subprojects in 4 target provinces participated in the FFES activities. All activities except cardamom cultivation have been completed by the end of September 2021. But repayment to the revolving fund by the 1st round of households have not completed yet in some subprojects. The project instructed the relevant PPO and DCO to complete the repayment and continue the activities by involving new households in each village. Regarding cardamom cultivation, it usually takes 4 years to harvest the first fruits of the crop. Thus, the first participating households in the activity are still continuing growing the crop.

35. The 2nd batch of FFES commenced their activities in December 2019 (Nam Beng) and in March 2021 (Nam Ngaad) for the activity period of 2 years. Total 53 households in 6 poor ethnic minority villages of two (2) subprojects in Oudomxay province participated in the activities.

The remaining assignment period of the GIC national community development and gender specialist is rather limited. Therefore, during her fieldwork in September 2021, the specialist discussed and agreed with the relevant PAFO/DAFO on handing-over of both 1st and 2nd batches of the FFES activities from the project to them. During her fieldwork, implementation plan was developed and would be implemented by the relevant PAFO/DAFO since October 2021. During the fieldwork in September 2021, implementation plan was developed and to be carried out by the relevant PAFO/DAFO since October 2021 as summarized in **Table 21**.

Table 21. Implementation Plan of FFES Activities

Prov.	Sub-project	FFES Activity	Actions to be Implemented	Due Date	Responsibility
ODX	Nam Beng (Phase I)	Onion and garlic cultivation at Nam Met, Xieng Lae, Yo, and Pangdeua villages	1st round households repay the money with interest to the revolving fund and the FFES committee of each village will plan to lend the fund for other families in the village	March 2022	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO
	Nam Ngaad (Phase III)	Organic vegetable production with green house at Somxay and Na villages	Continue implementation of the activity and repay the money with interest to the revolving fund and the FFES committee of each village will plan to lend the fund for other families in the village	March 2023	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO
	Nam Hao (Phase II)	Goat raising at Houayluck village	2nd round households continue goat raising activity	March 2023	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO
PSL	Nam Ngaen 2 (Phase II)	Goat raising at Chavang area of Bohaad village	1st round households repay the money with interest to the revolving fund and the FFES committee of each village will plan to lend the fund for other families in the village	March 2022	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO
LNT	Nam Ma (Phase III)	Raising pig and duck, growing vegetables with green house	1st round households repay the money with interest to the revolving fund and the FFES committee of each village will plan to lend the fund for other families in the village	March 2022	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO
BKO	Houay Xo 2 (Phase II)	Revolving fund for proomtion of commercial crop production at 4 villages	1st round households repay the money with interest to the revolving fund and the FFES committee of each village will plan to lend the fund for other families in the village	March 2022	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO

Appendix 8.1

Prov.	Sub-project	FFES Activity	Actions to be Implemented	Due Date	Responsibility
	Houay Bong (Phase II)	Goat raising at Vanpom village	1st round households repay the money with interest to the revolving fund and the FFES committee of each village will plan to lend the fund for other families in the village	March 2022	Implementation by PPO and DCO Monitoring by Gender coordinator of NPMO

36. On 18 October 2021, the roles of establishment and strengthening of WUGs and gender development activities including FFES activities were officially transferred to PPO and DCO for continuous implementation. As of September 2022, the relevant PPOs/DCOs are managing the FFES activities.

Annex: Photos of the FFES Activities

	
<p>Review progress of all CD activities including FFES at Bounneua DCO office (Bounneua, PSL, 7 Sep 2021).</p>	<p>Field visit to Chavang village of Akha tribe to review progress of FFES activity (Bountai, PSL, 9 Sep 2021).</p>
	
<p>Field visit to Vangpom village to review progress of FFES activities (Pha Oudom, BKO, 14 Sep 2021).</p>	<p>Growing organic vegetables in greenhouses supported by the project at Nam Ngaad subproject (Houn, ODX, 19 Sep 2021).</p>
	
<p>Garlic and onion growing activity at Nam Met (Beng, ODX, 18 Sep 2021).</p>	<p>Goat raising activity at Houayluck village (Beng, ODX, 18 Sep 2021).</p>



Green house vegetable planting, Nam Ma subproject, LNT. Dec. 2021



Cricket raising, Nam Ma Subproject, LNT. Dec. 2021