

Innovation	Date	Location			Details innovation implemented													Type of innovation			Step in value chain				Scale of implementation		Stakeholders involved													Projects involved							Organizations involved																																							
		Province	District	Village	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Technical	Organizational	Institutional	Funding supplying	Production	Processing	Marketing	Beginn	Current	Future	Farmer's	Trade's	Government	Researchers	Others	Farmers	Trade's	Government	Researchers	Others	Farmer's	Trade's	Government	Researchers	Others	Name	Date (start/end)	Functions provided							Name	Date (start/end)	Functions provided																													
																																																		1	2	3	4	5			6	7	1	2	3	4	5	6	7																					
1.Villagers' livelihood improvement	1/10/2014 to 30/08/2019	Luangnamtha	Long Nua	Vianghoua					yes													yes										yes																	Forestry sustainable management projects	1/10/2014 to 30/08/2019	yes					yes		PAFO	1/10/2014 to Present	yes								yes																		
2.Forest restoration	1/10/2014 to 30/08/2019	Luangnamtha	Long Nua	Vianghoua					yes													yes										yes																		Forestry sustainable management projects	1/10/2014 to 30/08/2020	yes						yes		PAFO	1/10/2014 to Present	yes																								
3.Production management	2013 to present	Luangnamtha	Sing		yes															yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																		The promotes technical project	2013 to present	yes					yes		PAFO	2013 to present	yes																									
4.Input factors management	2011 to present	Luangnamtha	Dan panghai	Borland			yes												yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																			The promotes technical project	2011 to present	yes		yes				yes		PAFO	2011 to present	yes																								
5.pest management	2017 to present	Luangnamtha	Dan panghai	Borland			yes												yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																			The promotes technical project	2017 to present	yes		yes				yes		PAFO	2017 to present	yes																								
6.Organic vegetable farming	2016 to present	Luangnamtha		Luangnamtha						yes									yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																				The promotes technical project	2016 to present	yes		yes				yes		PAFO	2016 to present	yes																							
7.Gardenom plantation involved with forest conservation	2016 to present	Luangnamtha	Vianghoua	Nua	yes														yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																			Yes, promotes technical project (PCAP)	2016-2020						yes		PAFO	2016 to present	yes																									
8.Rainfed rice farming involved with seed improvement	2017 to present	Luangnamtha	Vianghoua	Nua	yes										yes	yes			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																			Yes, promotes technical project	2017-2020						yes		PAFO	2017 to present	yes																									
9.Growing white mushrooms involved with income generation	2017 to present	Luangnamtha	Vianghoua	Nua	yes										yes	yes			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																			Yes, promotes technical project	2017-2020						yes		PAFO	2017 to present	yes																									
10.Promotion of livestock farming involved with income...	2017 to present	Luangnamtha	Vianghoua	Nua						yes	yes				yes	yes			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																				Yes, promotes technical project	2017-2020						yes		PAFO	2018 to present	yes																								
11.vegetable in greenhouse	2017 to present	Luangnamtha	Vianghoua		yes						yes							yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																						Northern Uplands Food and Nutrition Security Improvement Project (NUPNSIP)	2018-2020	yes			yes		PAFO	2017 to present	yes																								
12.Fruit tree plantation	2017 to present	Luangnamtha	Vianghoua		yes							yes						yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																						Northern Uplands Food and Nutrition Security Improvement Project (NUPNSIP)	2018-2020		yes			yes	yes	PAFO	2017 to present	yes																							
13.Oil palm plantation	2017 to present	Luangnamtha	Vianghoua									yes						yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																						Northern Uplands Food and Nutrition Security Improvement Project (NUPNSIP)	2018-2020		yes			yes	yes	PAFO	2017 to present	yes																							
14.Growing Fresh oyster mushroom involved with income generation	2017 to present	Luangnamtha	Vianghoua		yes										yes	yes			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																						Northern Uplands Food and Nutrition Security Improvement Project (NUPNSIP)	2018-2020		yes			yes	yes	PAFO	2018 to present	yes																							
15.Raising a goat, pig involved with income generation	2017 to present	Luangnamtha	Vianghoua									yes	yes			yes			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes																								Northern Uplands Food and Nutrition Security Improvement Project (NUPNSIP)	2018-2020		yes			yes	yes	PAFO	2018 to present	yes																					

Note: Detail innovation implemented number code Pick in the list below.

- 1) Credit access
- 2) Collective management of the production
- 3) Irrigation
- 4) Inputs
- 5) Pest control
- 6) Forestry
- 7) Farming practices
- 8) Breeding
- 9) Agricultural Advice
- 10) Information system
- 11) Post cropping operations
- 12) Processing
- 13) Quality promotion
- 14) Agricultural entrepreneurship
- 15) Territorial governance
- 16) Others

Note: The Number code are Scale of implementation

- 1 Village
- 2 District
- 3 Province
- 4 Country

Note: The Number code are Functions provided

- 1 Awareness and exchange of knowledge
- 2 Advisory, consultancy and backstopping
- 3 Demand articulation
- 4 Network, facilitation, and brokerage
- 5 Capacity building
- 6 Access to resources
- 7 Institutional support