

## CASE STUDIES FACTSHEET

Nº: 6

Date of Interview: .....2...../11.../...15.....

Enumerator name: Souliyouan Viengkhamson

### I. GENERAL INFORMATION

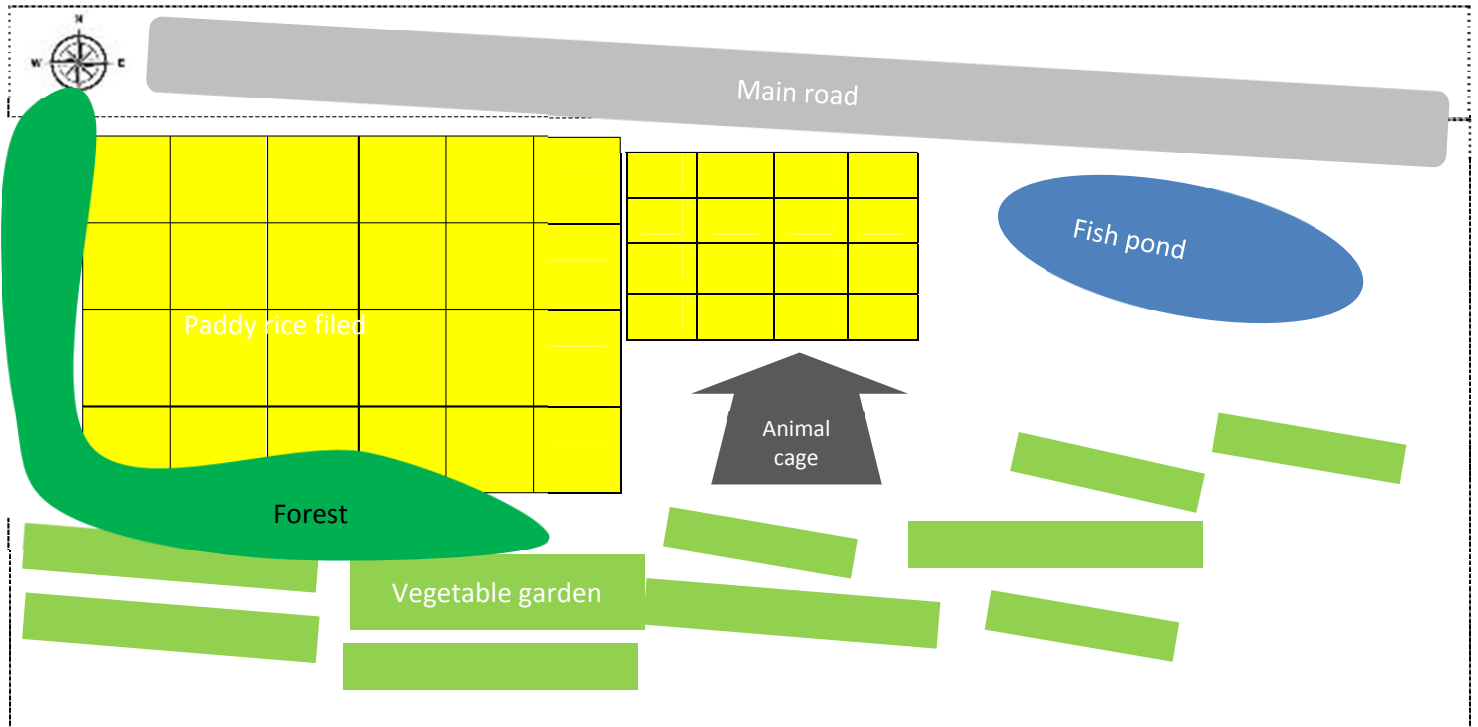
<b>Organization name</b>		<b>SUSTAINABLE AGRICULTURE MARKET ACCESS DEVELOPMENT PROJECT (SAMADP)</b>	
Stakeholder classification		Specify	
<input type="checkbox"/> Government			
<input checked="" type="checkbox"/> Civil society organizations		NPA (SAEDA)	
<input type="checkbox"/> University / Research institutes			
<input type="checkbox"/> Private sector			
<input type="checkbox"/> Other			
Contact detail	Name: Mrs. Khamphiew Philavong	Position: Tel	Member product group
Location	Thern Village, Pek District, Xiengkhouang province		
<b>Type of Agro-ecology schools</b>		<b>Specify</b>	
<input type="checkbox"/> Conservation agriculture			
<input checked="" type="checkbox"/> Organic agriculture		Vegetables and Rice	
<input type="checkbox"/> IPM			
<input type="checkbox"/> Agro-forestry			
<input type="checkbox"/> VAC/Integrated farming system			
<input checked="" type="checkbox"/> System of Rice Intensification		Paddy Rice (Rain season)	

### II. PRE-SELECTION CRITERIA VERIFICATION

Criteria	Evidence
Small farmers	2 family member with 2 labor-forces
Land ownership information	Land ownership of: <ul style="list-style-type: none"> <li>- Paddy land: 1.2 ha (0.32 ha of SRI)</li> <li>- Vegetable garden: 0.17 ha</li> </ul>
Labor information	<ul style="list-style-type: none"> <li>- Use the family labor</li> <li>- Hiring labor information: 20 people for the rice transplanting stage and 20 people for the harvest season</li> </ul>
Choice of crops and cultivation methods	<p><b>Organic vegetable garden:</b></p> <p><u>Land preparation:</u> Digging the vegetable plot for about 7 days, breaking the soil and bring the animal manure and the compost on the land</p> <p><u>Seed/cultivar choice:</u> Some vegetable types, I select by myself. But the vegetables seeds are mostly bought in the local market for each production season</p> <p><u>Nursery Management:</u></p> <ul style="list-style-type: none"> <li>- The vegetable is sowing in the vegetable beds for at least 7 days (depending on the species vegetables);</li> <li>- Bring the vegetable seedling to the prepared vegetable plot by respect the distance of 10 to 15 cm and cover</li> </ul>

	<p>with the dark plastic bache 2-3 days to avoid the overhead by the sunlight and to prevent seedling frustration</p> <p><u>Plant care:</u></p> <ul style="list-style-type: none"> <li>- I plant the medicinal herbs and the marigold along the vegetable garden to prevent the insects and use the liquid bio-extracted insecticide</li> <li>- In the raining season, cover the plot with the plastic house</li> </ul> <hr/> <p><b><u>SRS Rice:</u></b></p> <p><u>Land preparation:</u> apply the first ploughing in 2 weeks after the land have enough water</p> <p><u>Seed/cultivar choice:</u> Use the local rice varieties (Non-glutinous rice and Khao kai Noi) self-selection or exchange seeds with the neighboring. The seed have been changed every 3 years</p> <p><u>Nursery bed preparation:</u></p> <ul style="list-style-type: none"> <li>- Use 5 kg of submerged paddy seed soaked 24 hours</li> <li>- Apply the compost into the nursery beds when the seedling have around 13 -14 days</li> </ul> <p><u>Transplanting:</u></p> <ul style="list-style-type: none"> <li>- After the preparation of the paddy field, the young seedling (17 – 18 days) is transplanted in the respective space marking by the grid marker (30 cm x 30 cm)</li> <li>- Maintain the water level at 10 -15 cm until the panicle stage</li> </ul> <p><u>Plant care:</u></p> <ul style="list-style-type: none"> <li>- At the maturity stage, the land is irrigated with full system (no altering wet and dry period but the water flow is naturally);</li> <li>- The liquid bio-extract fertilizer (foliar formula) is applied when the transplanted rice has 2 to 3 times per weeks (2 to 3 time per week);</li> <li>- When the transplanted rice has around 4 to 5 weeks, the - The liquid bio-extract fertilizer (panicle formula) is applied (at least 3 times per week);</li> <li>- Weeds are removed and collected from crop fields by hand. The collected weeds are piled on bunds or in case of certain weeds taken home to feed animals</li> </ul>
<p>Year in practice (&gt;2-3 cropping cycles)</p>	<ul style="list-style-type: none"> <li>- Organic vegetable in 2009</li> <li>- SRS and Organic rice in 2010</li> </ul>
<p>Peer-farmers adapted</p>	<ul style="list-style-type: none"> <li>- There are local farmers visit, learn and share lessons learned and some family adopted the technique for their land</li> <li>- There are students in both domestic and overseas (Thailand, Vietnam) internship on a farm</li> <li>- The program organize the field visit in the provinces and abroad several times</li> </ul>

III. AE LAND LOCATION AND TRANSECT LANDSCAPE



#### IV. DESCRIPTION OF INITIATIVE (BACKGROUND, MOTIVATION OF INVOLVEMENT, TECHNICAL SUPPORT, LESSON LEARNT, ETC.)

- I have growth rice and vegetables since 1980 and use a heavy amount of chemical fertilizers, pesticide and insecticide in my production. More recent years, I feel that my health is not so good than before. I usually get sick;
- Until 2009, the project was promoted the new technology. I participated in the initial training and experiment the organic vegetable in my land for the home-consumption. I noted that my health come well. Then I recommend the organic vegetable to others farmers;
- After that, the program promoted the organic vegetable weekly market in Pek district, my family is now growth the organic vegetable for the organic weekly market. Now, my household income is improved. I produce 7 tons of rice per year (3.5 tons from the SRI). The average income from agriculture is 50 million kip per year

#### V. POTENTIAL ON SCALING UP - DISSEMINATION

- Currently, I have learnt the new technique thanks to the study tour and farmer's exchange from other areas and I adopted some new technique, such as the integrated farming system/VAC. I build the chicken farm (100 heads) on the fish pond. The waste of the agricultural crops use for the chicken and fish feed. The animal manure use as compost in the vegetable gardens.