

# CASE STUDIES FACTSHEET

<b>N°: 05</b>
<b>Date of Interview:</b> .....2...../...11...../...15.....
<b>Enumerator name:</b> Souliyouan Viengkhamson

## I. GENERAL INFORMATION

<b>Organization name</b>	<b>SUSTAINABLE AGRICULTURE MARKET ACCESS DEVELOPMENT PROJECT (SAMADP)</b>		
<b>Stakeholder classification</b>	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			
<b>Contact detail</b>	Name: Mrs. Chanthaly	Position: Tel	Member of Product group
<b>Location</b>	Yuan Village, Pak District, Xiengkhouang province		
<b>Type of Agro-ecology schools</b>	Specify		
<input type="checkbox"/> Conservation agriculture			
<input checked="" type="checkbox"/> Organic agriculture	Rice and Vegetables		
<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	4 people with 3 main labor-forces
Land ownership information	Land ownership of <ul style="list-style-type: none"> <li>Rice field: 0.54 ha. The paddy field is located in the lowland near to the village</li> <li>Vegetable garden 40 x 40 m<sup>2</sup></li> </ul>
Labor information	Use the family labor Don't hire the labor but they exchange the family labor with the neighbor and family
Choice of crops and cultivation methods	<p><b><u>Organic vegetable garden:</u></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> </ul>

	<ul style="list-style-type: none"> <li>- Bring the vegetable seedling to the prepared vegetable plot by respect the distance of 10 to 15 cm and cover with the dark plastic bache 2-3 days to avoid the overhead by the sunlight and to prevent seedling frustration</li> </ul> <p><u>Plant care:</u> Watering every day 1 time/day (in the morning or in the evening), tilt the soil after observe that seedlings is in good health</p> <ul style="list-style-type: none"> <li>- Applied the compost on the plot;</li> <li>- Apply the bio-extract liquids to prevent the insects and pest</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 1 – 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 6 kg of submerged paddy seed soaked 24 hours</li> <li>- Apply the compost into the nursery beds</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> </ul> <p><u>Plant care:</u></p> <ul style="list-style-type: none"> <li>- After the transplanted, the land is irrigated until 10 to 15 cm after 7 days of transplanted and the liquid bio-extract fertilizer (foliar formula) is applied</li> <li>- At the maturity stage, the land will irrigated again and apply the liquid bio-extract fertilizer (panicle formula)</li> </ul>
Year in practice (>2-3 cropping cycles)	Started in 2009
Peer-farmers adapted	<ul style="list-style-type: none"> <li>- Share lessons learned to the other farmers</li> <li>- Some farmers adopted the technique for their production</li> <li>- Was invited to teach farmers in Oudomxay province</li> </ul>

### III. AE LAND LOCATION AND TRANSECT LANDSCAPE



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

- I have grown rice since 1975. I received only 1.5 tons of paddy rice per ha, which is not enough to feed my family. In 2009, the SAMADP promoted the new rice cultivation technique and I think that will be a good program. So I decided to apply as a peer-farmer in the project;
- After joining the program, my rice yield is increased to 2.5 tons per ha and I also earn an additional income from the organic vegetable production. My annual income from rice and vegetable is about 14 - 15 million kip per year;
- I have been trained by the project on the compost making, the liquid bio-extracted fertilizer making, seed and cultivar selection, marketing, integrated pest and disease control, and SRS techniques

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

Several farmers are interested in the SRI and the organic vegetable. Some rural development projects come visit and exchange the lessons learned