



ALISEA VIETNAM ANNUAL GENERAL MEETING TOWARDS AN AGROECOLOGY TRANSITION

Promoting agro-ecology transition via enhancing farmers' analytical and decision making capacity through application of simulation games

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Outline

Brief on the Project

Progress

Key results

Next steps

THE CONSULTATIVE INSTITUTE FOR SOCIO-ECONOMIC DEVELOPMENT OF RURAL AND MOUNTAINOUS AREAS

- Non-State Scientific and Technological Organization
- Established: May 20, 2000,
- Ongoing projects with funding from: ADB, EU, BftW, MRLG, Oxfam BMZ-Germany, FMO- Netherland, AFAP-Australia, AFD/ACTEA- France...

THEMATIC FOCUSES

- Climate resilience and disasters risk management;
- Sustainable agriculture/livelihoods;
- Community education and development;
- Environment and natural resources management.

Rationale



Finding a balance between economic and environmental sustainability



Overcoming Obstacles → convincing people, while taking account their own constraints, to recognize the benefits of adopting more environmentally sound practices.



TerriStories Simulation Game - innovation approach



Rainbow Spiral framework (Patrick D 'Aquino and Papazian, 2014)

Platform, stickers & Nuggets

QUESTIONS TO THE GAME DESIGNER

1. What do you want to achieve as regards these targets?
2. what elements of the context you want to highlight?
3. What are the priority **constraints**?
4. What are the “other” farmers’ **difficulties (taking account farmers’ constraints)**?
5. And what are the stakeholders of the context which are linked to these constraints?
6. And what are the stakeholders of the context which should be involved to **achieve the solutions scenarios**?



We need seating together to solve our difficulties !

Overall objective

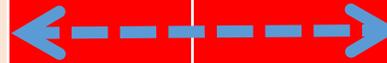
to promote adoption of Agro-Eco friendly measurements into practice through facilitating **farmers' proactive participation into the process of issue analysis and decision making processes**, and in a second time to provide a new support for agro ecological transition awareness.

Specific objectives :

1. Improve the efficiency of capacity and awareness raising on agro-ecology practices through the use of simulation games;
2. Improve our understanding of farmers' constraints and solutions as regards agro-ecology transition
3. Build positive farmers' perceptions towards agro-ecology good practices with enhanced awareness, analytical and decision making capacity;
4. Enrich the available tools to promote agro-ecology
5. Promote adoption of agro-ecology measurements in to practices

ACTIVITIES AND PROGRESS

Activity	July '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	Jan '18	Feb 18	Mar '18
Preparation									
<u>Activity 1:</u> Designing the simulation games									
<u>Activity 2:</u> Facilitate application of simulation games in to practices with farmers									
<u>Activity 3:</u> Conduct survey to collect evidence on the improved effectiveness of simulation exercises									
<u>Activity 4:</u> Document and dissemination of the successful practices									



CONCEPTUAL SCHEME & METHODOLOGY

Lai Chau province



Destroyed landscape Landscape conservation Sustainable practices



Efficient discussion & Economic benefit To farmer

Economic loss

Economic gain

Extreme flood, drought & cold

-Loss crop and
-Livestock
-Disease & pollution

Force /adapt with climate change ?

Good knowledge on Agro-ecology

Traditional agricultural practices

- Tillage, bare land
- Chemical fertilizer,
- Pesticides
- Free waste of manure

Change the mind /setting enabling environment ?

Good agricultural practices & enabling environment

Farmer

- No incomes
- Poor farmer

Seek the possible solutions ?

- Good plans for a budget
- Efficient crops
- Incomes
- Free poor farmer

PRACTICES OF KEY FACILITATORS
(International and National Experts)

Playing generic Game: Terristories ©
(landscape, crop, livestock, stress climate, income)

Adapting the collected game
(System Rice Intensive with a labor force)

FIRST PRACTICE WITH KEY FACILITATORS and FARMERS
(International and National Experts)

PRACTICES OF KEY FACILITATORS and FARMERS
(International and National Experts)

Five communes with three group ethnics

3 targeted games
(SRI, CA practices, Friendly livestock

SURVEY AND EVALUATION
(National Experts and Key Facilitators)

Tests to characterize the following functions: i) agro-ecological practices for efficient crops and safe environment; ii) adaptation practices to the change climate (flood, drought, cold...)

Achieves so far...

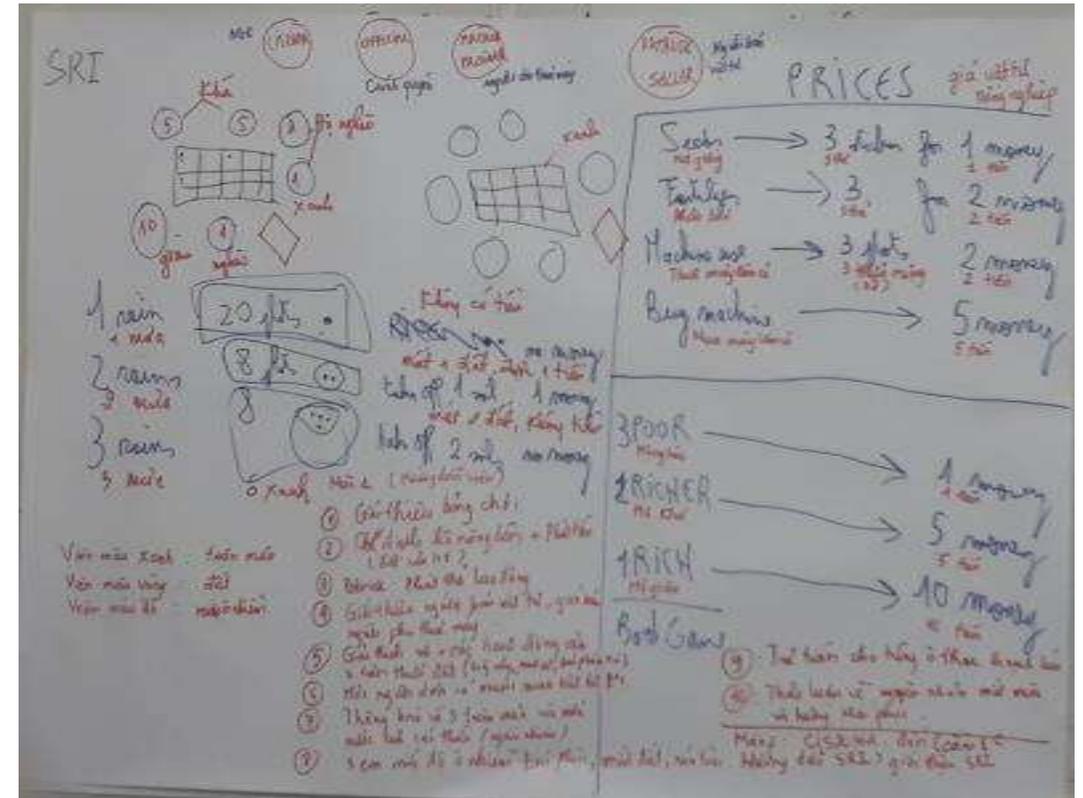


Game designed with Dr. Patrick D'aquino at Tam Duong district, Lai Chau



10 people (key facilitators and farmers) from CISDOMA's networks were trained to understand the simulation game approach

Design the games on selected topics & first practice with farmer's representatives



Discuss together to identify the farmer' constraints as regards System Rice Intensive, and the different potential solutions (in order to insert constraints and solution options into the game)

Then, completed simulation game

Farmer's sessions on agroecological friendly livelihoods/practices integrated into the participatory climate vulnerability-capacity analysis (PVCA) process



TÁC ĐỘNG CỦA CÁC LOẠI HÌNH SINH KẾ BÀN PÁPE, BÌNH LỘ

Hình Thức	Lúa	Ngô	Lúa	Già
Hình Thức 1	<ul style="list-style-type: none"> - Lúa, trồng phân bón - không phân bón - hạt lép - ruộng lúa phân bón - nước tưới, chỉ tưới cho lúa (không tưới cho cỏ) - Vụ xuân 1998 và vụ hè 2002 và 2005 	<ul style="list-style-type: none"> - Có máy cày và hạt - không phân bón - Rơm rạ làm phân bón - Vụ xuân 2006, vụ hè và vụ đông 2006 và 2007 	<ul style="list-style-type: none"> - Không cày - Không phân bón 	<ul style="list-style-type: none"> - Không cày - Không phân bón
Lúa / Ngô	<ul style="list-style-type: none"> - Phân bón, nước tưới 	<ul style="list-style-type: none"> - Phân bón 	<ul style="list-style-type: none"> - Không cày - Không phân bón 	<ul style="list-style-type: none"> - Không cày - Không phân bón
Hình Thức 2	<ul style="list-style-type: none"> - Lúa, trồng phân bón - Lúa, không phân bón - Lúa, không phân bón - Lúa, không phân bón 	<ul style="list-style-type: none"> - Không cày - Không phân bón - Không cày - Không phân bón 	<ul style="list-style-type: none"> - Không cày - Không phân bón - Không cày - Không phân bón 	<ul style="list-style-type: none"> - Không cày - Không phân bón - Không cày - Không phân bón

Present an ecological map of the village by farmers

The constraints were co-identified via analysis of ecological map of the village

Work in open area for simulation game



Game board arrangement following the village's landscape



Rice cultivation in lowland



Plant cultivation in sloping land

Farmer's discussion by themselves



Key farmers explained the agro-ecology challenges and potential scenarios solution

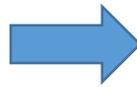
Farmer present their analysis about incomes



Wow!!! Incredible
Congratulation to
Vietnamese team. I will
come back to you soon !!!



2 days



10 key persons
(key facilitator & farmers)

15 days



100 farmers !!!



**Vietnamese team is one of three champion
countries on the game simulation in ACTAE area**

Orientation workshop/ training

Key results

1. 10 key facilitators trained on the games and be able to facilitate the sessions
2. Reach out to 100 farmers in 15 days.
3. Board games developed by the CISDOMA team for 3 selected topics (SRI, CA practices on sloping land, and friendly pig farm)
4. Finally, proven as an useful tool with good adaptation by the farmer players (they can talk and discuss each other for their problems without shame and boring; over time, competition and arguments have also been explored, farmers be able to analyze the issues and identify solutions to solve their difficulties)

Next steps

1. Continue with the planned activities on survey and documentation
2. Adapt the suitable games in other subjects/locations of CISDOMA ongoing projects where appropriate.
3. Potential adoption of the approach in other subjects relating to climate adaptive livelihoods in southern landscape (Soc Trang), with other topics (fruit crops, farmers' business models)
4. Extend the use of the game to other teams in the country (and beyond?): organize training and advise to other teams, with the help of ACTAE?



Thank you