



What Collective Actions for 2017-18 in Vietnam?

ALiSEA AGM Vietnam
November 2017 – Hanoi

S'engager, agir et innover pour un monde plus juste

➤ **Learning & Sharing events** to be organized / co-funded

- National Farmer Forum, Green Fair...
- Thematic workshops
- Training
- Exchange visits

➤ **Joint Studies** (multi stakeholder approach) to be supported in line with national priorities and promotion of an AE transition



WS already organized

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Thematic workshops:

- What performance indicators for assessing AE impacts? (Laos)
- Review of existing pedagogical materials and initiatives for mainstreaming AE practices (Laos)
- Reflection workshop with Cambodian Farmer Organizations on Agroecology (Cambodia)



Past & on going joint studies

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- **Agroecology Stakeholder Mapping** and Situation Review in Cambodia, Laos, Myanmar and Vietnam (Oct 2015-Feb2016)
- **Case study** on GRET **Bamboo PGS** initiative in Houapanh Province, Lao PDR (Feb-July 2017), ALiSEA-GRET-BSO
- **Consumers' perception towards agroecological food products in Myanmar & Vietnam** (May 2017 - Feb 2018), ALiSEA-GRET-CIRAD
- **Co-evaluation of an agroecological practice: the case of Sustainable Rice System (SRS)**, in Xieng Khouang Provinces, Lao PDR (May-Sept 17), GRET-CIRAD-SAEDA-Faculty of Agriculture



Suggestions from participants' forms

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Thematic workshops & Training courses:

- **Marketing** agroecological products & Connecting with **organic markets**
- **AE practices** (CA, permaculture, Integrated Pest Management, System of Rice Intensification, soil and nutrient improvement...)
- Training about **organic cultural methods** for **vegetable**, organic farming



Suggestions from participants' forms

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Fostering experiences sharing about AE initiatives & projects

- **Experience sharing seminars** about AE practices from different regions of Vietnam, especially for Northern upland areas of Vietnam
- **Facilitation of exchange visits** between AE stakeholders
- **Joint documentation** of good practices

Awareness raising and outreach

- Screening of AE short movies in urban centers (→ following film competition Laos)



Anything else?

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An exploratory research initiative: Quantifying & mapping agro-chemical use via crowdsourcing

Vietnam case



- **Innovative** research approach relying on **data crowd sourcing** (developing and using a mobile application)
- Focused on **Vietnam** at first → proof of concept, 2017-18
- Replication across the entire **Mekong region** later on (Cambodia, Myanmar, Laos Thailand)
- Objective to produce a **high-impact publication**, solid evidence and future action items, supporting **engagement with national governments**



Overall objectives

- ❖ Pilot test **data crowd sourcing approach** (relying on a diversity of stakeholders)
- ❖ Getting an initial appreciation of **agro-chemical usage patterns** in key agricultural crops within two provinces of Vietnam
- ❖ Visualizing **associated environmental risks and socioeconomic implications**
- ❖ Provide information (good agricultural practice and climate forecast based agricultural advisory) back to farmers
- ❖ Engage with policy makers through knowledge products (map)



Specific objectives

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1. To generate an accurate, fine-grained **map of pesticide/chemical fertilizer-usage patterns**, as organized by crop, active ingredient and/or target pest, and specific soil nutrient deficiency
2. To map out **farmer perceptions** on chemical use, their knowledge with regards to biological pesticides and fertilizers so as to develop **efficient advisory programs**
3. To develop and test the content and periodicity of a **knowledge product** that combines information about **good agricultural practices** and **high quality agro-climatic forecast information**

Anticipated activities

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- ❖ 1-day workshop for on pesticide use reporting guidelines & crowd-sourcing opportunities;
- ❖ Concerted initiative to gather, centralize & tabulate current and historic data on agro-chemicals' use (government institutions & grass-roots organizations)
- ❖ Generate initial cartography revealing pesticide use patterns at different spatial and temporal resolution, for an initial set of commodities
- ❖ Conduct an in-depth assessment of technical viability of crowd-sourcing approaches, including phone-based data-capture;



An innovative win-win approach for all resulting in...

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- ❖ **ALiSEA members / GRET / CIAT:** ability to engage with and influence policy makers
- ❖ **Farmers:** will come closer to accessing research products that will enable timely agro-advisory leading to saving money and making them more efficient
- ❖ **RTanalytics:** will reach more farmers and will have the ability to present farmers their existing traceability platform in some locations in Vietnam (→ Farmers will be able to sell their products at a higher premium)



Expected main partnerships

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- ❖ Plant protection & extension agencies,

- ❖ Members of ALiSEA

 - ❖ Research centers (CIAT, IWMI, CIRAD...) & Universities,

 - ❖ Development practitioners (NGOs, Farmer organizations & other CSOs')

- ❖ RTanalytics

- ❖ FAO Regional Asia-Pacific office

- ❖ Pesticide Action Network Asia-Pacific (PAN-AP)



Proposed implementation set up

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- Period of implementation: **Nov17-Oct18**
- Scientific coordination and data analysis: **CIAT**
- Mobile application development: **RT Analytics**
- Workshop facilitation, Networking and communication: **ALiSEA/GRET**
- Data collection at grass root level (voluntarily basis, within framework of existing activities) : **ALiSEA members + Government agencies (PPD)**

Way forwards

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- ❖ Any organizations already involved in **PAN-AP activities** on pesticide use reduction?
- ❖ **Who is interested to join** this research initiative?
- ❖ **Which provinces** are you working in and where data collection could be carried out?



Thank you for your attention

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