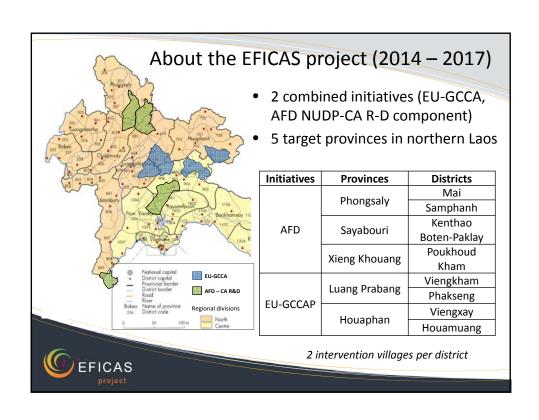
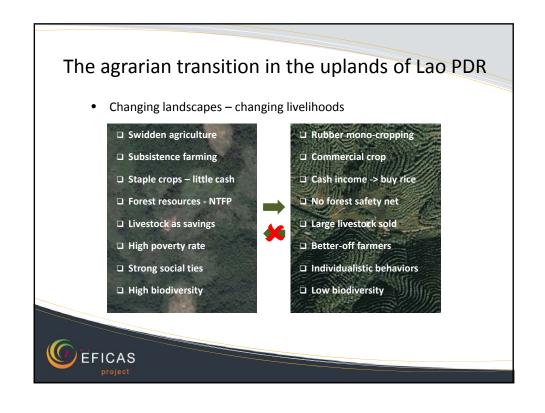


# Outline

- About the EFICAS project
- · The agrarian transition in the uplands of Lao PDR
- Understanding village trajectories
- Designing eco-friendly landscapes
  - Engaging the whole village community in landscape level design and management of agricultural innovations
  - Anticipate organizational problems and negotiate solutions
  - Foster coordination mechanisms and partnerships with multiple stakeholder groups to favor the scaling-up and dissemination of innovative practices

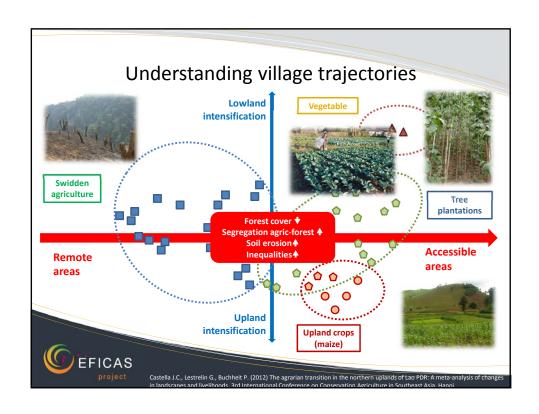


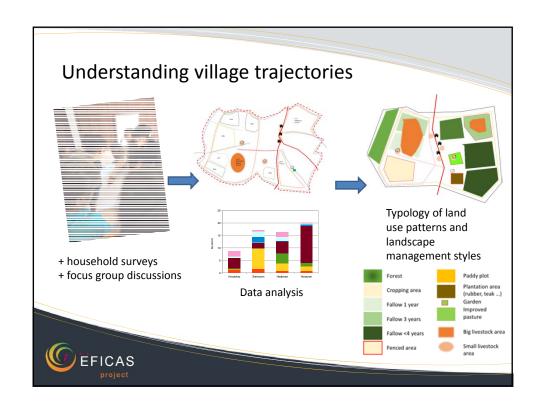


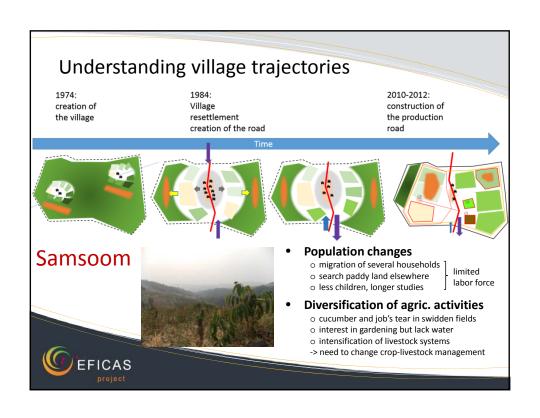
### Understanding village trajectories

- Diversity of villages and agricultural systems can be understood as a combination of a limited number of factors:
  - Geomorphology
    - village located on top of hill or along river
    - percentage of lowland / upland
  - Accessibility
    - village accessible whole year or only dry season
    - access to market opportunities and services
  - Population
    - density and dynamics
    - composition (ethnic groups)
  - History
    - social capital
    - governance of natural resources

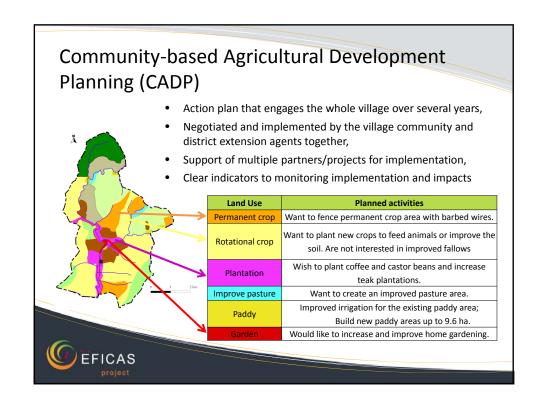












## CADP planning (4-day process)

- Opening village meeting
- Socio-economic data collection
- Focus group discussions
- Land management and regulations
- Activity planning
- · Closing village meeting

### CADP implementation (2-3 years)

## CADP monitoring and adjustment (continuous)

- Data collection indicators
- Continuous learning reflexive loops



# Day 1. Data collection

Team 1



Household survey

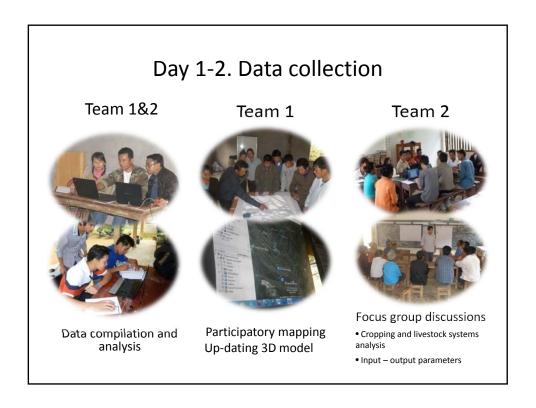
Village socio-economic data and land tenure analysis

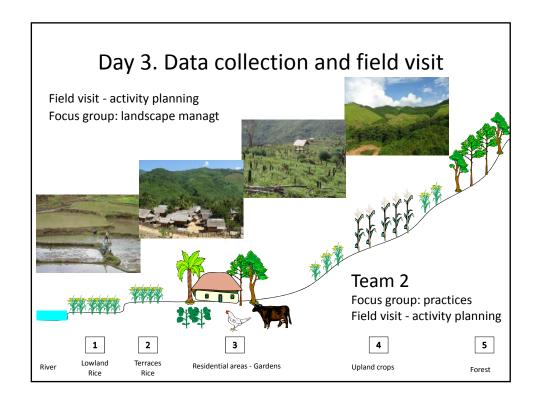
Team 2

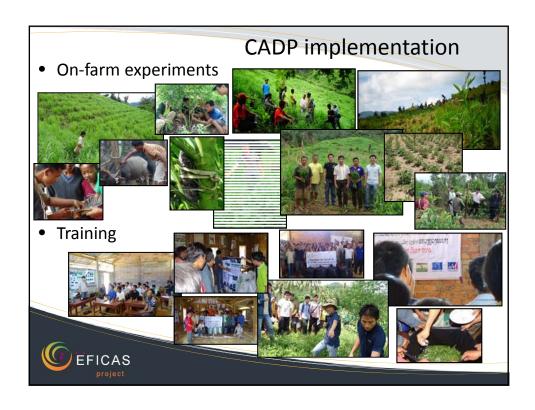


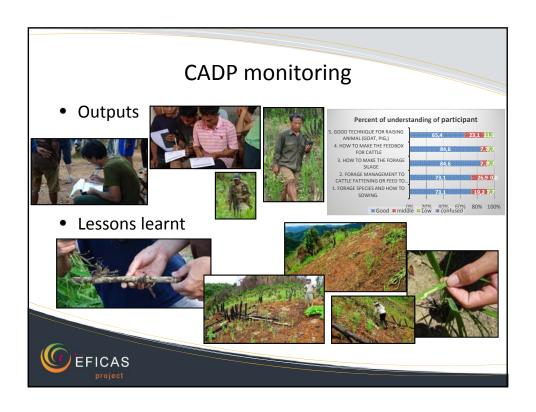
#### Focus group discussions

- Problem census
- Wood, wildlife and NTFP location and relative abundance
- Village population trends









### Designing eco-friendly landscapes

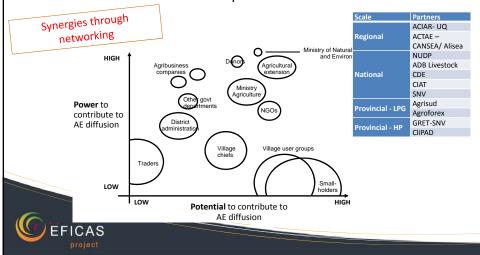
- Anticipate problems and negotiate solutions
  - Free roaming livestock prevent large adoption of agroecological practices (damage of succession crops during the dry season, forage overgrazing, limited manure collection etc.)
  - Productivity gains from conservation agriculture reinvested in expansion of agricultural land (forest encroachment)
  - Mechanized tillage service and use of chemical herbicides constrain the development of alternative cropping systems

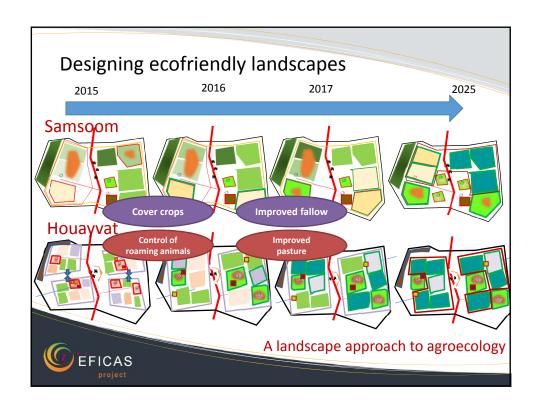




### Designing eco-friendly landscapes

 Foster coordination mechanisms and partnerships with multiple stakeholder groups to favor the scaling-up and dissemination of innovative practices





## Take home messages (1)

- Complexity of agrarian changes in the uplands
  - -> Need for a landscape approach to agroecology innovation
- Villages are the lower landscape management unit
  - -> Relevant intervention level for sustainable intensification
- Innovations are not only technical but also largely organizational
  - -> Need to engage the whole community in the design and management of agricultural innovations



### Take home messages (2)

- Many constraints towards agroecological transition are known (e.g. animal uncontrolled roaming, forest encroachment)
  - -> Problems must be anticipated and solutions negotiated
- The agroecological transition is not the priority for most farmers (e.g. often far behind increased access to health, education, water)
  - -> Farmers problems and priorities must not remain voiceless



