

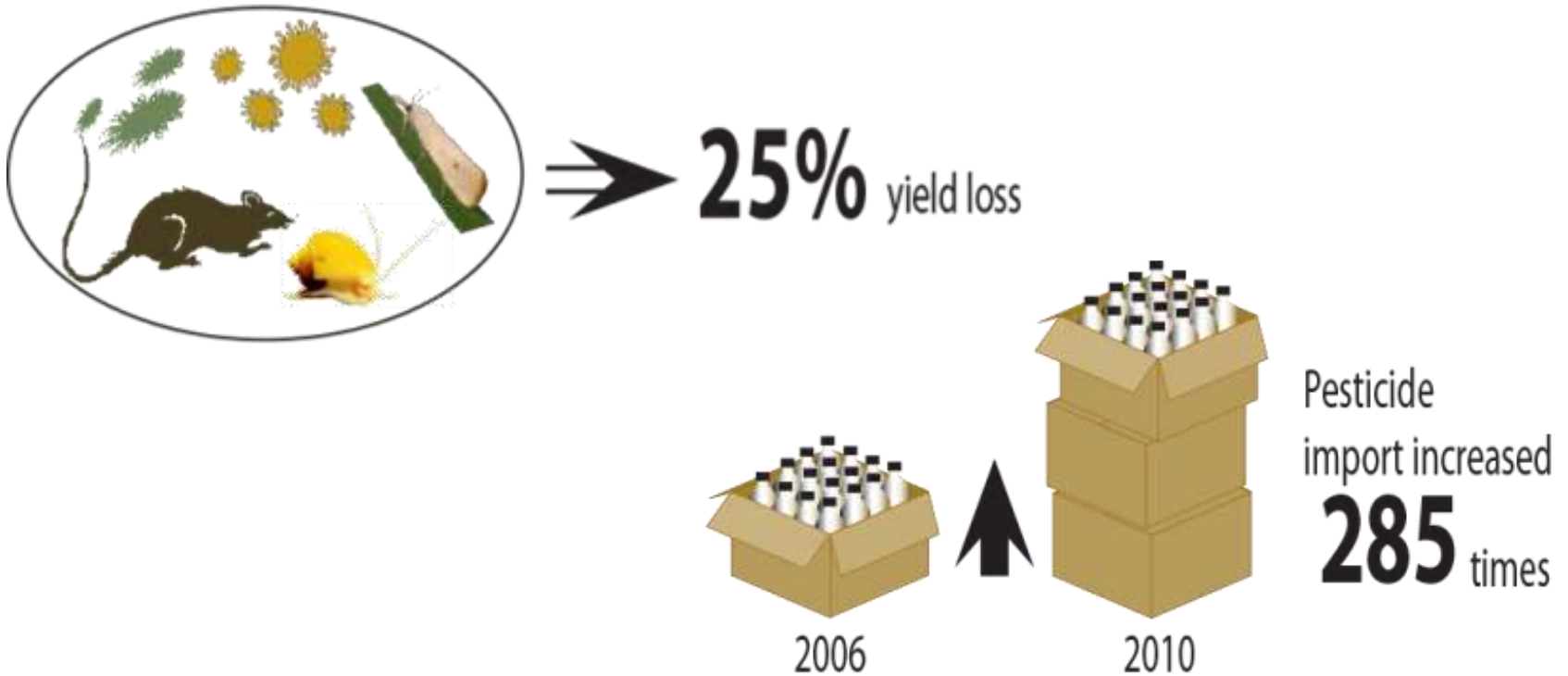


Developing Ecologically-based Participatory IPM package for rice in Cambodia: Participatory approaches

Rica Joy Flor

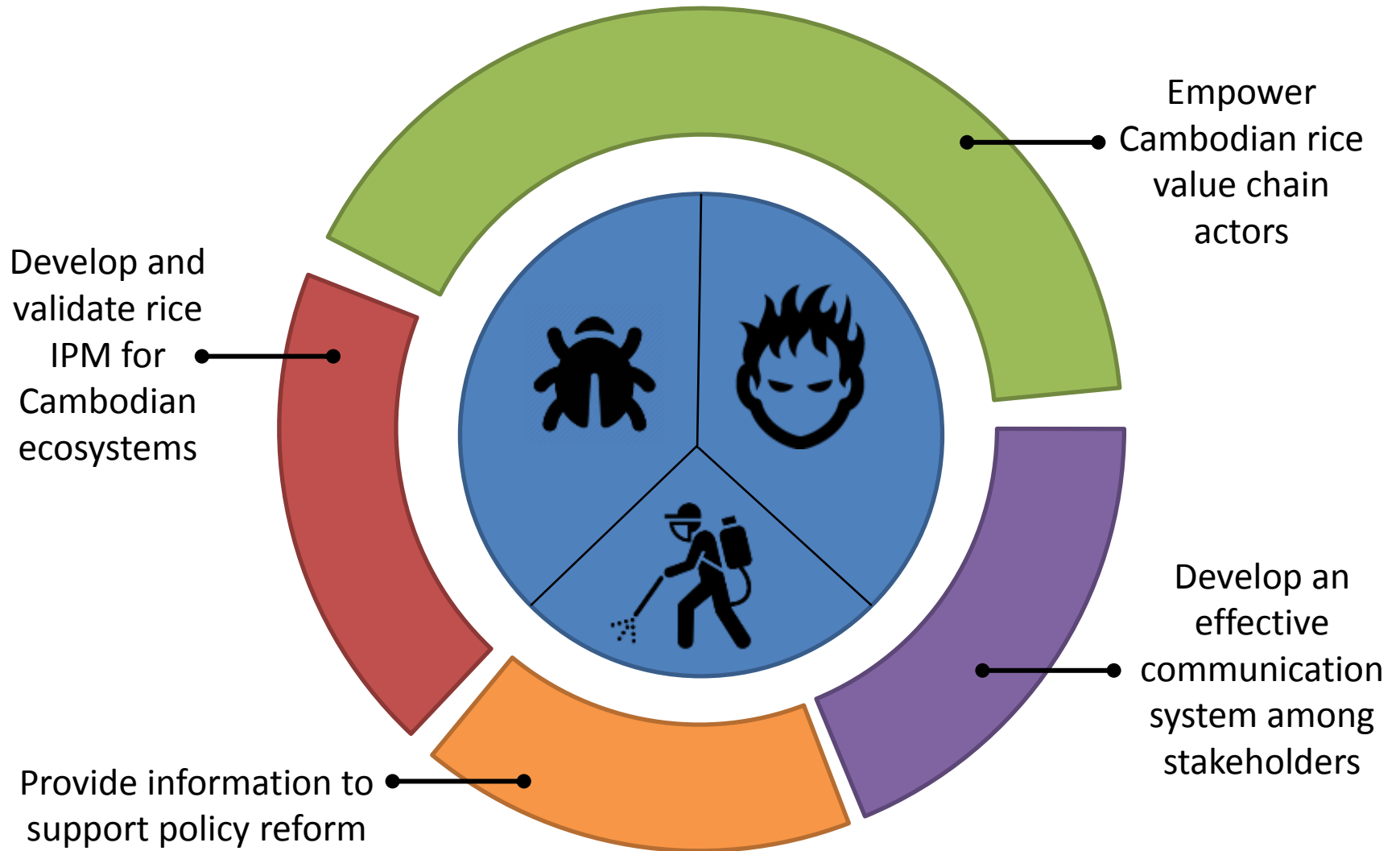


Challenges in rice production: EPIC project aims in 4 provinces



Takeo, Prey Veng, Kampong Thom and Battambang

Project Focus: pest management



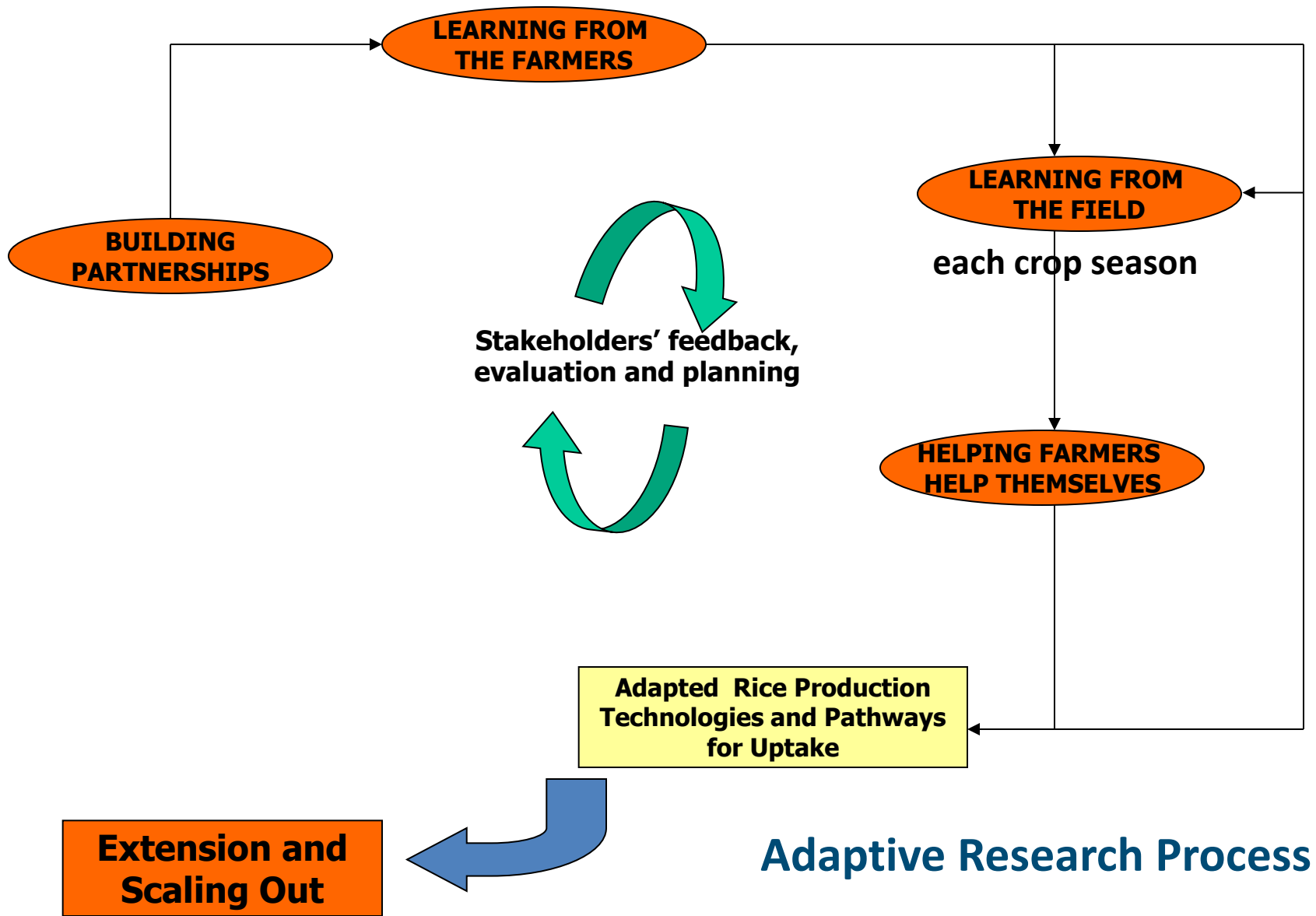
Interdisciplinary approach

- Interdisciplinary approach for research:
 - Entomology, plant pathology, rodent ecology, weed science, social science
- Participatory approaches to locally adapt technologies and to enable wider spread
 - **Adaptive research, Learning Alliances**



Experiment on technologies with farmers

ADAPTIVE RESEARCH

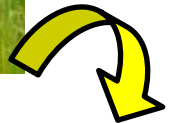
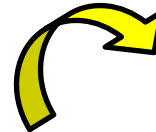
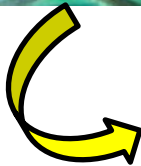


How is AR implemented?

Researcher-managed trials



Farmer-managed trials



Identifying key pests and diseases: surveys



Decision on technology options



Planned research

| Province | Village | Target biotic stress | Planned on-station and on-farm research |
|------------|-------------|----------------------|---|
| Prey Veang | PDA station | Diseases | Trichoderma x Disease resistant varieties |
| | Sdao | Insects | Biocontrol agents |
| | Thom | Weeds | Integrated weed management |
| Takeo | PDA station | Diseases | Trichoderma |
| | Kan Daul | Rodents | Community action |
| | Ror Veang | Rodents | Community action CTBS |

Experiences

- Negotiation
- Learning and feedback cycles
- Farmers have to reflect, researchers need to consider their insights
- Other stakeholders needed

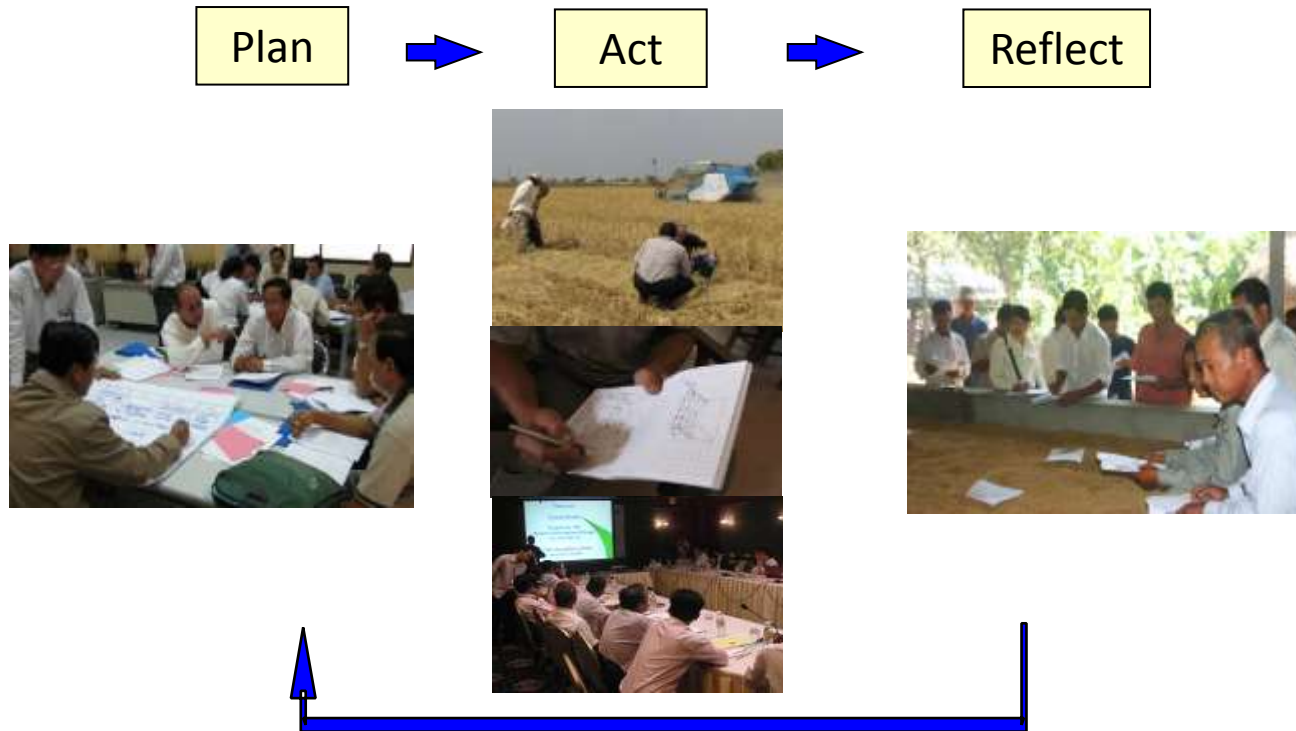




Engage broader networks to identify, share and adapt good practices

LEARNING ALLIANCES

How is LA implemented?



Cycles of planning, implementation, reflection by various stakeholders

Experiences

- Goal: facilitate communication
- Change in IPM practice is dependent on other stakeholders, policy, community organizing, etc.
- Requires time, flexibility and funding



Adaptive Research and Learning Alliances
to enable communities to locally adapt
new technologies and find ways
to benefit from these.

