





Center for Livestock and Agricultural Development, Cambodia Asian Partnership on Avian Influenza Research (APAIR) International Development Research Center, Canada (IDRC)

CHARACTERISTIC AND DYNAMICS OF BACKYARD POULTRY RAISING SYSTEMS IN FIVE ASIAN COUNTRIES IN RELATION TO THE REDUCTION AND MANAGEMENT OF AVIAN INFLUENZA RISK

Backyarders Inception Workshop Report



Prepared by D.X.Tung APAIR Regional Coordinating Office

Phnom Penh, Cambodia, September 6-9, 2007

Report

Backyarders Inception Workshop, Phnom Penh, Cambodia September 6-9, 2007

1. Introduction

The Backyard Chicken Group Inception workshop was hosted by the Centre for Livestock and Agriculture Development in Cambodia and held at the Himawari Hotel, Phnom Penh, Cambodia from 7-8 September 2007.

The workshop was organized according to the approved research proposal with the aims to provide a forum for the key national team members to allow them to present their field research methodologies (site selection criteria, methods and tools for getting field information) in order to harmonize methodologies among the national teams. In addition, the workshop was intended to provide an opportunity for researchers to learn new knowledge of the Ecohealth approach, Q methods, and other field investigation methods with their application to the backyard chicken research project as well as to share their experiences.

The workshop was attended by 18 participants from five APAIR member countries (Cambodia, China, Indonesia, Thailand, and Vietnam). In addition, two speakers from Thailand jointed to brief Q Methods and main data collection methods to the workshop participants.

The workshop report is structured into the following sections: section 2 summarizes workshop content. All appendices are attached in the final section, in which full workshop agenda, training materials provided by two key speakers, and a list of participants can be found in Annex 1, 2, 3, 4 and 5 respectively.

I. Field visit (6 September 2007)

Six chicken farms were visited by the workshop participants. These model farms demonstrated fencing systems and earth worms for chickens in 2 villages in Kandal province, where CelAgrid has engaged its development activities since 2004.

II. Inception workshop (7-9 September 2007)

The Backyard Chicken Group Inception workshop was hosted by the Centre for Livestock and Agriculture Development, Cambodia. The workshop was attended by 16 participants from five member countries (Cambodia, China, Indonesia, Thailand, and Vietnam).

The following section summaries the main contents agreed upon during the workshop:

1. National team composition was clarified

Currently, the teams are composed of veterinary/livestock/social scientists and human health scientists with a lot of fieldwork. Gender issues in the team were raised. Roles of each national team members were also clarified.

2. Key presentations during the workshop

Three key presentations entitled "Ecohealth approaches", "Q. Method", and "Data Collection Tools" were delivered, the first by Dr.Borin from the Centre for Livestock and Agriculture Development, Cambodia; the other two by presenters from Thailand; Dr. Suttini Wattanakul,Sirindhorn Public Health College, Ubon Ratchathani, and Dr. Kanokwan Manorom, Ubon Ratchathani University.

Dr. Borin highlighted general principles of the Ecohealth approach. The other two presentations introduced key contents of the Q method and a general overview of the three key data collection methods by the Thai team.

The participants agreed that key methods such as household survey based questionnaires, case study, and Observation would be applied by all teams. Q methods will be applied in Thailand as a supportive tool to explore characteristics and dynamics of backyard poultry systems before and after AI. This method is an optional approach for other countries.

3. Site selection criteria agreed

Each country team was asked to provide a brief overview of site selection. Common agreement on site selection criteria was achieved by all teams. The criteria include:

- Outbreak/non-outbreak area
- Low/high land area
- Accessibility to markets.

Some teams like the ones from Cambodia, Thailand, and Vietnam have already selected provinces for the study.

4. Questionnaire harmonization process

- Country questionnaire presentation:

Generally, all teams have prepared questionnaires at different levels of detail. Some are too detailed, while some are still broad.

- Questionnaire harmonization:

(i) Guiding questions developed:

A conception framework with a set of guiding questions was jointly developed by team members and then the workshop participants added or deleted questions based on the questionnaire prepared by the team from Vietnam.

(ii) A common draft questionnaire designed:

The participants agreed that a questionnaire would be improved by each country's team in two weeks and sent back to the project leader (Dr. Kreingkrai Choprakarn) by the end of Sep. 2007 for finalizing before sending to the project's advisor and thereafter to the field surveys.

5. Work plan agreed

The final work plan with milestones for planned activities was agreed upon by the workshop participants.

Ν	Indicators	Mile	Targets/Planned			Progress to date reported						
0.		stone	CN	ID	KH	TH	VN	CN	ID	KH	TH	VN
1	Questionnaire improved	Sept 23										
	Q sample development											
2	Finalize Questionnair	Oct 31										
3	No. of villages visited	Nov 15										
4	Site selection	Nov. 30										
5	Sample size	Nov 30										
6	Training of field enumerators organized	Nov 20										
7	No. FGDs conducted	Dec 07 – Jun 08										
	Collecting data using Q											
	sorting											
8	No. poultry farms	Dec 07-Jun 08										
	interviewed											
9	No. poultry traders/	Dec 07 – Jun 08										
10	Ne lassinferments	D = 07 L = 09										
10	interviewed at different	Dec 07 - Jun 08										
	levels											
11	Data entry for	Jul 30_08										
	Questionnair FG and Q	Jul 30, 00										
	study											
12	Data analyzed for	Sept 30, 08										
	Questionnair, FG and Q											
	study											
13	Report drafted	Oct 30, 08										

Table: Progress made to date as against indicators set out for the projects of five national teams in the Backyard chicken study

Annex 1: Workshop Agenda

CHARACTERISTIC AND DYNAMICS OF BACKYARD POULTRY RAISING SYSTEMS IN FIVE ASIAN COUNTRIES IN RELATION TO THE REDUCTION AND MANAGEMENT OF AVIAN INFLUENZA RISK

Backyarders inception workshop, Phnom Penh Cambodia

September 6-9, 2007

September 6, 2007

08:30-12:00 Field Trip – arranged by Khieu Borin

The field trip will be organized in 2-3 villages in Kandal province. CelAgrid has engaged its development activities in these villages in 2004 in 6 villages organizing and strengthening them into community organizations. The inputs for these communities are livestock, bio-digesters, forages and vegetable seeds and training and these have been provided by Heifer International – Cambodia, Sida/MEKARN, NZAID and USAID/AED.

Lunch will be organized in Phnom Penh after return from the field trip.

September 7 , 2007						
08:00	registration	Noun Tyna				
08:30	- General overview of the project of the 5 countries	Kreingkrai Choprakarn				
	- Main objectives of the Inception workshop and expected outputs					
09:45 – 10:00	coffee break					
10:00	Introduction to 'ecohealth' approach Adaptive Methodology for Ecosystem Sustainability and Health	Country team – inputs of participants in workshop in Bangkok				
12:00 - 13:00	00 Lunch break					
13:00	Review of Research methods – Q method	Thai Team				
15:00 - 15:30	coffee break					
15:30	Open discussion On review of Research methods – Q method	All backyarders				
September 8, 2007						

08:00	 Site selection – group 1 Key questions – group 2 	 Group 1: one representative from each country Group 2: one representative from each country 				
10:30 – 11:00	coffee break					
11:00 Group presentation		Representative from each group				
12:00 - 13:00	Lunch break					
13:00	Detailed plans including sites selection, by country after the workshop	Country team discussion				
15:00 - 15:30						
15:30	Detailed plans including sites selection, by country after the workshop	Country team discussion				
September 9, 2007						
08:00 - 9:45	Presentation by each country of detailed plans	Country teams				
09:30 – 10:00	coffee break					
10:00 – 12:00	Summary	Kreingkrai Choprakarn				
12:00 - 13:00	lunch break					
14:00	Boat trip on Mekong and group dinner					

Annex 2: Ecohealth Approaches







 Parts of AMESH Presenting Situation: Entry point and initial description: Why are you here? Analysis of the relationships among stakeholders, issues and governance Multiple systems descriptions and narratives Full systems analysis and synthesis Ongoing collaborative learning and action 	 Presenting Situation: Entry point and initial description - Why are you here? Guiding Questions How did the current situation come about? Interactions among social, economic, and political developments? Who have been the agents of change? At what scale? Tools Historical records, literature reviews (both scientific and lay), secondary data, interviews with key informants
 Analysis of the relationships among stakeholders, issues and governance: Stakeholders Guiding Questions Who are the stakeholders? How do we identify the stakeholders? What are the relationships among an between stakeholder groups (coalitions, conflicts)? Who is making the key decisions? Who benefits from the system as it is? Who loses? Who is excluded? How does gender affect people's roles and opportunities to participate? What are the roles of researchers? How are they viewed by the community? What kind of power do the researchers have? 	 Analysis of the relationships among stakeholders, issues and governance: Issues & Policies Guiding Questions What are the critical issues, and how to the relate to each other? At what spatial and temporal scales do these occur? For which stakeholder groups are these issues critical? Is there a shared vision for the fuure? What are the important rules and policies that influence the various issues? Do these enable or hinder the development of solutions? Who creates those rules and policies? Are they local, national, international?
 Multiple systems descriptions and narratives Guiding Questions What stories do the different groups tell about how the current situation came to be? These include stories by virologists and economists as well as farmers. What is the main purpose of the system from each stakeholder group's perspective? Tools: Published reports, focus groups, interviews, maps, drawings, stories, rich pictures, rough influence diagrams, ethnographic studies 	 Full systems analysis and synthesis Guiding Questions What are the key ecological and social processes that define the system? What are the important spatial and temporal scales of observation? What are some possible scenarios for the future, what are the conditions under which they might occur, and what are the trade-offs? What are some feasible and desirable management actions? Tools Basic scholarly studies, statistical analyses, subsystem models (economic, nutrient flows, diffusion of disease or products), network diagrams, influence diagrams, resilience models.

Collaborative action and learning - Seeking Solutions

- · Guiding Questions
 - What kind of a story do stakeholders want their grandchildren to tell about them?
 - How can stakeholders make this story come true (How can they achieve their goals)?
 - What kinds of institutional arrangements are necessary?
 - What are the barriers, and how might these be overcome?
- Tools Political and economic studies, focus groups, participatory methods,

Implementation, Monitoring, Evaluation

- What are the steps required for implementation, and who is responsible?
- How can people be motivated to adopt suggested changes?
- How can this be sustained?
- What are the relevant indicators of performance? Who will measure them, Who will use them?
- How will the system "learn"?

Annex 3: Q Methods













Annex 4: Field investigation methods





Annex 5: Workshop Participants

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7-9, September 2007

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