

FEED THE FUTURE INNOVATION LAB FOR LIVESTOCK SYSTEMS

Poultry Losses and One Health (POLOH): Reducing losses and zoonotic risks along the poultry value chain through a One Health Approach

Transferring qualitative research skills to local stakeholders in the context of poultry health and One Health



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Cover photo: Training session in the meeting room at ILRI, Ouagadougou (credit: Michel Dione/ILRI).

Disclaimer

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1. Context

The International Livestock Research Institute (ILRI) is implementing a "Poultry Losses and One Health (POLOH): Reducing zoonotic losses and risks along the poultry value chain through a One Health approach" research project to reduce economic losses and the transmission of zoonoses in Burkina Faso and more specifically in the commune of Boussouma. The project uses the One Health approach at the level of each farm and market, paying particular attention to poultry diseases. One of the objectives of the project is to describe the knowledge, attitudes, and practices (KAP) of smallholder poultry producers and other actors in the value chain on biosecurity practices and poultry management. To do this, ILRI organized training for interviewers to facilitate the collection of qualitative data.

The training was led by the researchers Sidonie A. Ima / Ouoba (sociologist), Guy Ilboudo (epidemiologist), and Michel Dione (epidemiologist). The beneficiaries were young male and female researchers or agents of the government who were selected by the project based on their training profile. The aims of the training were to:

- Train interviewers in conducting focus group discussions/interviews (FGDs)
- Train interviewers in the use of the voice recorder and audios transcription
- Field test the interview guides

This report summarizes the process of the training which took place at the ILRI meeting room in Ouagadougou with a field trip in peri-urban Ouagadougou to test the interview guides. The training took two days and focused on the following topics:

- Presentation of the POLOH project
- Understanding of interview guides
- Field testing the interview guides
- Amendments and finalization of interview guides
- Programming of data collection in the ten (10) villages of the commune of Boussouma

2. Opening ceremony

The opening ceremony began with a word of welcome delivered by Michel Dione, the project lead. In his message, he mentioned the context of the implementation of the project. He urged participants to be open, attentive, and express themselves to obtain a good proficiency of the content of the interview guides to collect high quality information.

3. Presentations and discussions

The presentation of the POLOH project was carried out by Dione including the context of the project, the composition of the research team, the theory of change, the objectives, the area of intervention, the partners, the levels of innovation and the dissemination channels that the project provides.

Participants reviewed three interview guides:

- Tool 1: FGDs with men chicken producers
- Tool 2: FGDs with women chicken producers
- Tool 3: FGDs with women caregivers (up to 5 years old)

In the process, trainers focused on explanations of the content of the interview guides and understanding of terminologies and questions.

4. Tool testing in the field

The second day of the training was dedicated to field testing of the interview guides. Trainees were divided into three teams composed of:

- Team 1: FGD with men producers
 - o 1 social sciences profile (male)
 - o 1 veterinary profile (male)

- Team 2: FGD women producers
 - o 1 social sciences profile (woman)
 - o 1 veterinary profile (female)

- Team 3: FGD women caregivers
 - o 1 social sciences profile (woman)
 - o 1 social sciences profile (woman)

Each team had a voice recorder to record the group discussions. The trainers introduced the interviewers through the usual greetings, introductions of the participants, the purpose of the visit and the procedures for collecting data (taking notes and using a voice recorder) before the start of the interviews. They also played the role of observer to correct certain imperfections (wording of questions, adjustment, and monitoring of the voice recorder, note taking). The interviews lasted between 2 and 3 hours depending on the level of interruptions to allow participants to pray (Muslims) or take a short break.

5. Debriefing

On the second day a debriefing of the fieldwork was carried out. A subset of the data collected from the field testing was transcribed and synthesized by each team. In general, following analyzes emerge from the discussions by each team:

- For team 1 (FGD with men producers), the interviews began at around 12:20 p.m. and ended at around 3:00 p.m. There were six participants in the group. Difficulties have been recorded, namely fatigue because of the length of the questionnaire, the request for a break by Muslims to pray. The interview went well overall and all responses to questions were recorded.

- As for team 2 (FGD with women producers) , which started at 11.30 a.m., the interview went well overall. There was a total of nine participants to the group. Despite some difficulties encountered, the facilitators were able to complete the interview. Indeed, fatigue was felt among the respondents because of the length of the guide. The team also noted that one respondent was unable to participate until the end of the interview due to headache. The group ended at 3:30 p.m.

- As for team 3 (FGD with women caregivers), which started at 11.30 a.m., the interview went well with 6 participants. Despite some difficulties encountered (fatigue, drowsiness, crying children) due to the length of the guide, the team collected the data by recording and taking notes. However, one respondent withdrew during the interview and never came back. The interview ended at 2:05 p.m.

The interview guides were finalized following the corrections made by the participants.

6. Next steps

Two points were raised for the next steps, it is:

- The questionnaire was shortened by cutting down some redundancies.
- A clear data capture template was developed to facilitate note taking.
- Logistics of the field work was discussed, and plans made for facilitations to start data collection on 10 February.
- The selection of the 10 villages was also carried out.

7. Closing of the training

The closing ceremony was marked by words of thanks from the coordinator of the POLOH lead, Michel Dione. He exhorted the investigators to properly apply the advice given during the training to have reliable data for the success of the project. He also wished a good return to the participants in their respective families. It was with these words that he closed the training session for investigators around 5 p.m.

8. Annex I: Program of the training session

Date	Hour	Activity	Responsible	
23 Jan 2023	8:00 a.m. - 8:30 a.m.	Welcome and installation of participants	Fahouzia	
	8:30 a.m. – 8:45 a.m.	- Word of welcome - Round table	Michel Dione	
	8:45 a.m. – 8:50 a.m.	Presentation and adoption of the timetable	Sidonie A. Ima / Ouoba	
	8:50 a.m. – 9:00 a.m.	- Reminder of the project	Michel Dione	
	9 a.m. - 11 a.m.		Explanation of the content of the interview guides and comments on each tool	Sidonie A. Ima / Ouoba
			Tool 1- Participatory Rural Appraisal (PRA) with Chicken Farmers	
			Tool 2- Focus group discussion with breastfeeding women	
			Practical advice	
	11 a.m. – 11:30 a.m.	Coffee break	Fahouzia	
	11:30 a.m. - 1:00 p.m.	Exo: Dictaphone test through data recording with POLOH tools by investigators	Sidonie A. Ima / Ouoba	
1 p.m. – 2 p.m.	Lunch	Fahouzia		
2 p.m. – 4 p.m.	Transcription/synthesis of qualitative data	Investigators		
24 Jan 2023	9 a.m. – 3 p.m.	Testing of interview guides on the outskirts of Ouagadougou with the 3 groups of breeders. - Group 1: Male poultry breeders; - Group 2: Women poultry breeders; - Group 3: Breastfeeding women (with child up to 5 years old)	Group 1: investigators + Guy Ilboudo + Michel Dione Group 2: interviewers + Sidonie Ima Group 3: interviewers + Sidonie Ima	
	3 p.m.	End of the trip/Return to Ouagadougou	ILRI	
25 Jan 2023	9 a.m. - 11 a.m.	Transcription of the data collected by the 3 groups from the breeders	Investigators	
		Synthesis of qualitative data	Investigators	
	11am-11.30am	Coffee break	Fahouzia	
	11:30 a.m. – 1 p.m.	Comments and finalization of interview guides	Trainers	
	1-2 p.m.	Lunch	Fahouzia	
	2 p.m.-3:30 p.m.	Further comments and finalization of interview guides	Trainers	
	3:30-4 p.m.	Closing of the training	Michael Dione	

9. Annex 2: Field pictures

Photo 1: FGD producers men's group in Tanghin Dassouri.



Photo credit: Michel Dione/ILRI.

Photo 2: FGD producers women's group in Tanghin Dassouri.



Photo credit: Michel Dione/ILRI.

10. Annex 3: List of participants in the training session

#	Gender	Organization	Livelihood
1	M	ILRI	Research
2	F	Enumerator, UJKZ	Academic
3	F	Enumerator, University Koudougou	Academic
4	F	Enumerator, ZATE	Government
5	M	Enumerator, ZATE	Government
6	M	Enumerator	Research
7	F	Enumerator	Government
8	F	Enumerator, Ministry of Education	Research
9	M	ILRI	Research