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Workshop on Regional Livestock Movements and Value Chains and Training on Evaluation of Surveillance in Live Bird Markets

1 - 3 April 2019
Bangkok, Thailand

Background

The experience of controlling transboundary animal diseases (TADs) such as avian influenza has shown the critical role of domestic and international livestock trade in both, the spread as well the containment of disease outbreaks. Value chain analysis is an integral tool in risk analysis to identify critical control points and high risk networks in livestock production and marketing chains. Modern livestock value chains are of dynamic nature and quickly adjust to economic and disease related factors, making the continuous updating of livestock value chain information essential.

Therefore, the Food and Agriculture Organization of the United Nations (FAO) with the support of the United States Agency for International Development (USAID) and Australia's Department of Foreign Affairs and Trade (DFAT) is organizing a 2-day workshop to bring experts from countries in the region together to discuss the recent changes on the poultry and pig value chains, with special emphasis on cross-border movements and risk mitigation options at different critical points of the value chain.

Additionally, a collaborative work between the FAO and the National Veterinary School of Toulouse (ENVT) has led to the development of a user-friendly web-based application that allows the comparison of a wide range of sampling strategies for surveillance in live bird markets (LBM) in Asia. The comparison is done in terms of the strategies' effectiveness to early detect the introduction of highly pathogenic avian influenza (HPAI). The tool has been designed (1) to allow the user to specify the characteristics of a particular LBM, (2) to simulate how AI viruses would spread in that specific LBM (using H7N9 as example) and (3) to assess the effectiveness of several surveillance strategies tailored to the specificities of the given LBM. To transfer this technology to the countries, a 1-day training will be organized.

Objectives

1. To update the regional map on livestock movement for poultry and pigs;
2. To identify key information gaps in livestock value chains and the best strategy to address such gaps;
3. To build capacity on designing risk mitigation measures for animal disease management based on the value chain data;
4. To train selected participants on the evaluation of surveillance in live bird markets.

Dates:

Workshop on Regional Livestock Movements and Value Chains: Monday 1 April to Tuesday 2 April 2019

Training on Evaluation of Surveillance in Live Bird Markets: Wednesday 3 April 2019

Venue: Grande Centre Point Ploenchit Hotel – Bangkok (Thailand)



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Participants – profile and number

The workshop on value chains (2 days) expects to welcome approximately 35-40 participants:

- 2 Government staff from selected countries (Cambodia, China (Yunnan & Guangxi), Laos, Myanmar, Thailand, Vietnam, Indonesia) with expertise on poultry and pig production and trade (including imports and exports).
- 1 Government staff from selected countries with expertise on designing or implementing surveillance systems.
- FAO country offices: 1 staff from ECTAD country team with expertise on value chains and surveillance
- FAO RAP: 5-10 ECTAD RAP staff
- USAID and DFAT representatives

The training on the evaluation of surveillance in live bird markets (1 day) expects to welcome approximately 20 participants:

- 1 Government staff from selected countries with expertise on designing or implementing surveillance systems.
- FAO country offices: 1 staff from ECTAD country team with expertise on value chains and surveillance
- FAO RAP: 5 ECTAD RAP staff
- USAID and DFAT representatives

Agenda

Day 1 (April 1st): Workshop on Regional Livestock Movements and Value Chains

Session	Day 1 - Poultry
8:30 – 9:00	Registration
9:00 – 10:30	Welcome and Introduction (30m) VC diagram and mapping (1h)
10:30 – 11:00	<i>Coffee break</i>
11:00 – 12:30	VC diagram and mapping (1h30)
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	VC diagram and mapping (1h) Risk drivers (30m)
15:00 – 15:30	<i>Coffee break</i>
15:30 – 17:00	Risk drivers cont'd (30m) Policy recommendations (30m)



	Information gaps (30m)
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Day 2 (April 2nd): Workshop on Regional Livestock Movements and Value Chains (Cont)

Session	Day 2 - Pigs
9:00 – 10:30	VC diagram and mapping (1h) VC diagram and mapping (30m)
10:30 – 11:00	<i>Coffee break</i>
11:00 – 12:30	VC diagram and mapping (1h) VC diagram and mapping (30m)
12:30 – 13:30	<i>Lunch</i>
13:30 – 15:00	VC diagram and mapping (30m) Risk drivers (1h)
15:00 – 15:30	<i>Coffee break</i>
15:30 – 17:00	Policy recommendations (30m) Information gaps (30m) Wrap up and conclusions (30m)

Day 3 (April 3rd): Training on Evaluation of Surveillance in Live Bird Markets

Time	Topic	Facilitator
08:30 – 09:00	<i>Welcoming coffee</i>	
09:00 – 09:30	Welcome remarks Presentation of the project and of the workshop objectives	FAO and ENVT
09:30 – 9:45	Avian influenza H7N9 in Asia	FAO
9:45 – 10:00	Principles of Cost-Effectiveness Analysis	FAO
10:00 – 10:30	Overview of the structure of the tool	ENVT
10:30 – 11:00	<i>Tea break</i>	
11:00 – 12:30	How to use the tool	ENVT
12:30 – 14:00	<i>Lunch break</i>	
14:00 – 15:30	Practical1: Application of the tool to specific LBMs	ENVT



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15:30 – 16:00	<i>Tea break</i>	
16:00 – 17:30	Practical2: Feedback from the working groups	ENVT
17:30 – 18:00	Concluding remarks	FAO and ENVT