



**Asia-Pacific
Economic Cooperation**

2011/SOM1/ATCWG/028

Agenda Item: 6

**Monitoring Report - ATC 07/2010A Risk Analysis on
Cross-Border Spread of Animal Influenza in Trade
Areas of Borders and Communication for
Information**

Purpose: Information

Submitted by: China



**15th Agricultural Technical Cooperation
Working Group Meeting
Washington, D.C., United States
2-4 March 2011**

Project Monitoring Report

(as at Jan 28, 2011)

Please submit through your APEC Secretariat Program Director by Aug. 1 and Feb. 1 of each year.

SECTION A: Project profile

Project number & title :	ATC 07/2010A - Risk Analysis on Cross-Border Spread of Animal Influenza in Trade Areas of Borders and Communication for Information		
Time period covered in report:	initial stage	Date submitted:	January 27, 2011
Committee / WG / Fora:	Agricultural Technical Cooperation Working Group		
Project Overseer Name: Organization / Economy	Ding Zhiyin Department of International Cooperation, General Administration of Quality Supervision, Inspection and Quarantine (AQSIQ)		

SECTION B: Project update

Briefly answer each of the questions below to a maximum of 2-3 pages. If you have submitted previous Monitoring Reports, focus on progress since your most recent previous report.

1. **Current status of project:**

- On schedule: Yes
- On budget: Yes
- On target to meet project objectives: Yes

If NO, provide details: How far off schedule, budget or objectives? What actions are being taken to resolve issues? What support is needed from your Committee or the Secretariat?

2. **Implementation:** Describe progress and any deviations against the project's work plan.

We are preparing a seminar to discuss details of this project, such as collecting samples from suspected cases in the trade areas of borders, isolating virus, determining DNA sequence and doing assessment of pathogenicity.

3. **Challenges:** If not covered in Q1, describe any problems which have arisen and how you overcame them / aim to overcome them. How might these change the project schedule or budget? How might your fora Committee or the Secretariat help?

The project just started this month, everything goes well.

4. **Engagement:** Describe the engagement and roles of stakeholders so far, including other APEC fora, experts and beneficiaries.

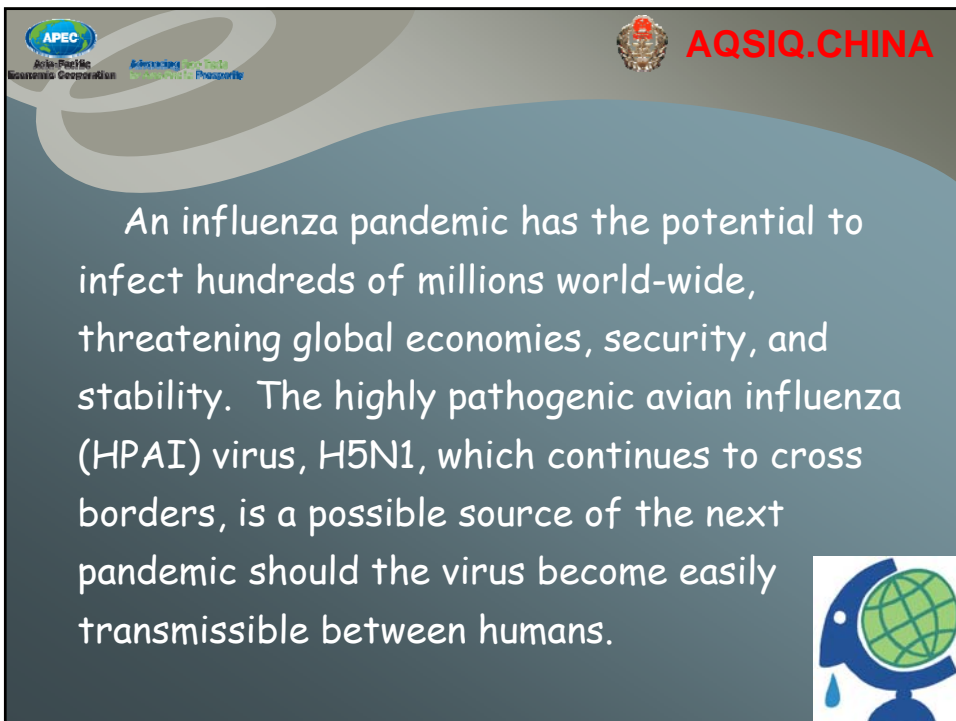
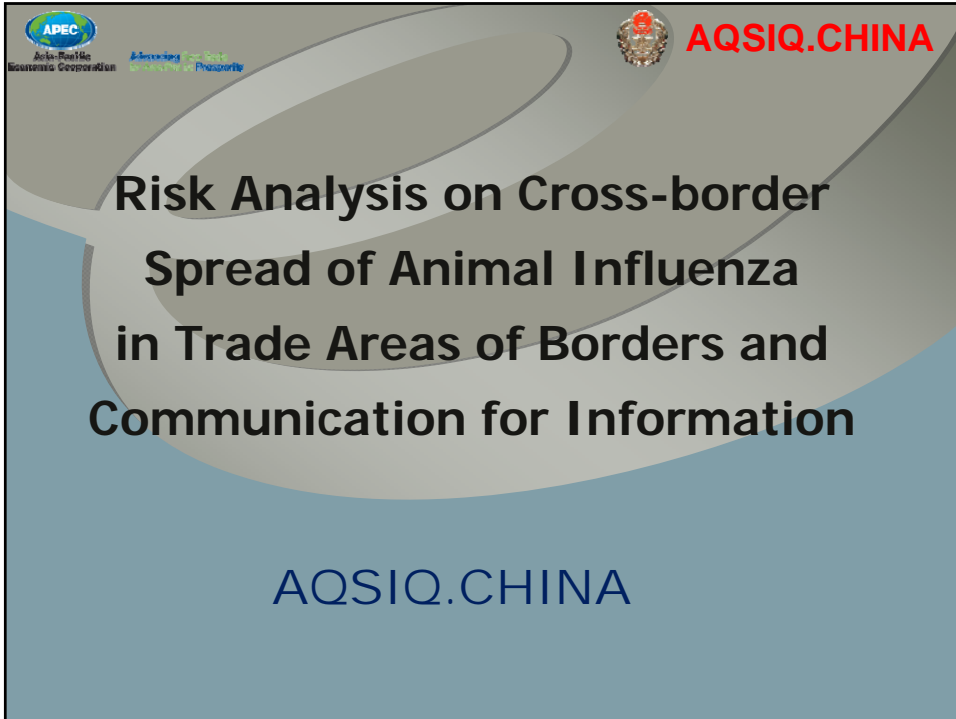
After the APEC funding is finished, APEC economies will improve capacity building in preventing and controlling a pandemic of avian origin at its source, and assessment of pandemic preparedness efforts and impacts. Participants will have a briefly understanding of the steps taken and the future plans of each economy in this region to enhance international quarantine and inspection cooperation. By discussion, participants from different economies not only be able to exchange views each other, also can learn a lot from other economies' experiences and lessons, it will be helpful for them to improve their ability to prevent and

control animal influenza. Personal friendship between officers in charge of animal quarantine and inspection from various economies will be established to facilitate timely communication and effective cooperation. Participants will discuss how to improve the coordination of the different cooperation mechanism to prevent the transmission of animal influenza.

5. **Objectives and outputs:** How do results of the project so far (if any) compare with its expected results? Are outputs being delivered on time and of sufficient quality?

The project just started this month, there is not any outputs right now.

FOR APEC SECRETARIAT USE ONLY <i>APEC comments: Is the project management effective? How could it be improved? Are APEC guidelines being followed?</i>
No comments





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1

Objective

2

Relevance

3

Methodology





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Objective



The project includes two objectives

- **The first** is deeply doing risk analysis on cross-border spread of animal influenza in the trade areas of borders collaborating with other APEC Economies, especially focusing on the risk assessment on cross-border spread of such diseases as Avian Influenza, Swine Influenza virus and pandemic influenza A/H1N1, and monitoring their changes of infection and virulence.

- **The second** is strengthening mutual understanding among inspection and quarantine agencies in APEC economies, promoting the technology cooperation and information communication on the prevention and control of Avian Influenza, upgrading the efficiency and quality of law enhancement cooperation and optimizing the cooperation mechanism to cut-off the transmission of Avian Influenza cross-border.



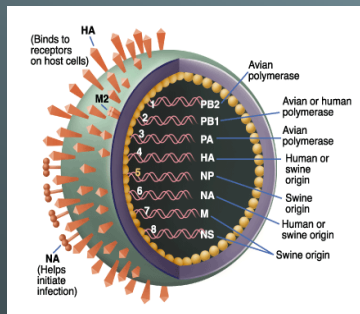
This slide has a dark blue background with a large, light blue oval in the center. In the top left corner, the APEC logo is displayed, consisting of a blue circle with "APEC" in white, and the text "Asia-Pacific Economic Cooperation" and "Advancing Asia-Pacific Economic Prosperity" below it. In the top right corner, the AQSIQ.CHINA logo is shown, featuring a red circular emblem with a gold border and the text "AQSIQ.CHINA" in red. The main content of the slide is organized into three text boxes. The top box is a large, light yellow rectangle with a black border containing the following text: "In addition, this project responds to the appeal of the priorities, 'Multi-sectoral cooperation and coordination on avian and pandemic influenza' and 'Mitigating negative effects of avian influenza on agriculture and trade', proposed by APEC Action Plan on the Prevention and Response to Avian and Influenza Pandemics." Below this, there are two smaller, light yellow rectangles with black borders. The left one contains the text: "This project is designed in response to the 2009 Singapore Leaders' Declaration in the 17th APEC economic leaders' meeting". The right one contains the text: "The project is also in response to the suggestion, 'Ensuring Health', which is proposed in the 21st APEC Ministerial Meeting, Singapore, 2009".

- It is very helpful for China and surrounding economies to play their full effects on regional AI prevention and control, and would also strengthen coordination to the cooperation mechanism developed by the inspection and quarantine agencies of different economies. For a long run, it must play important role on preventing transnational spread of avian influenza effectively

Methodology

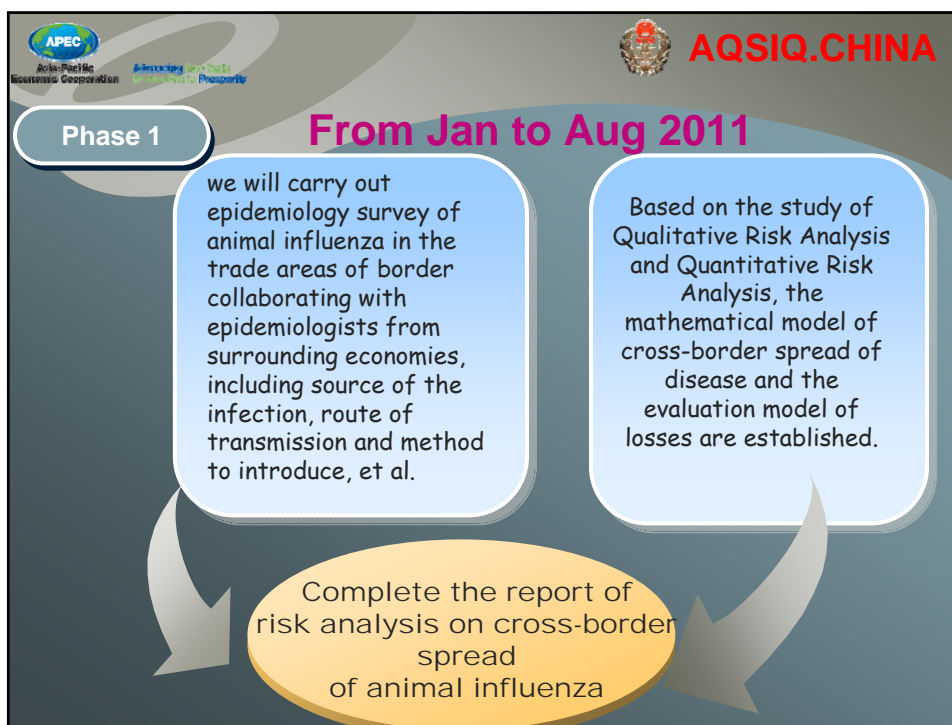
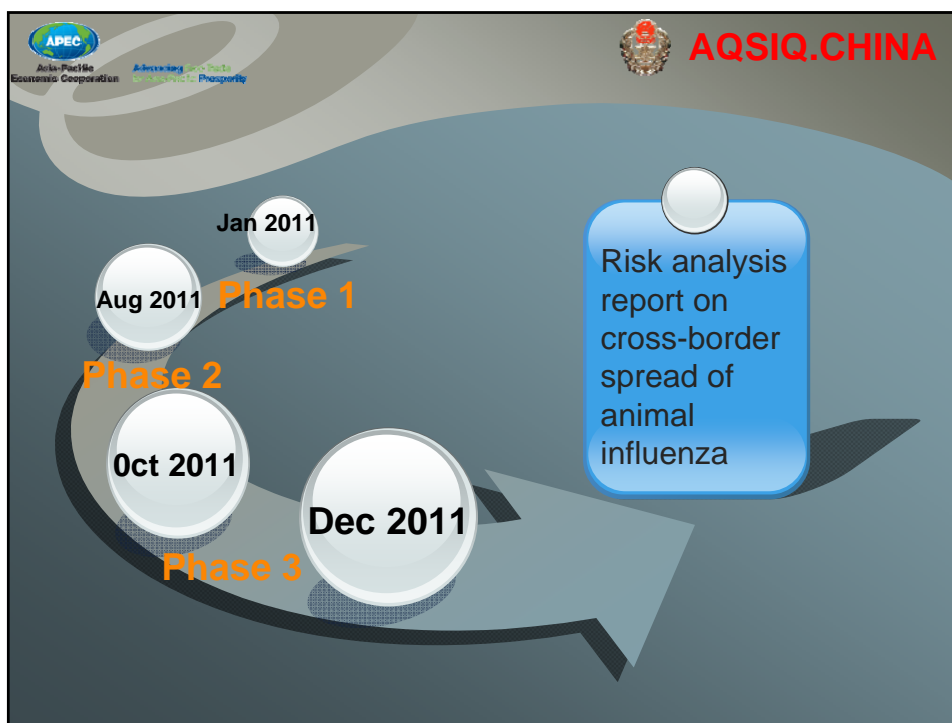


The risk that HPAI spread from one economy to other economies through passengers and goods passed through borders is increased, with the continuously enlarging range of epidemic situation of avian influenza and pandemic influenza A/H1N1.



Some scientists found that influenza viruses mutated, but its virulence didn't enhance and its lethality wasn't higher than the seasonal influenza either. It is worried that a new virus with stronger pathogenicity and transmissibility would appear if AIV H5N1 and pandemic (H1N1) 2009 virus infected animals at the same time, and its virulence would enhance after the transmission between species and cross-border.

Therefore, the project will proceed in the following three phases briefly:





Based on the implement of the project, we will propose a new way of risk analysis on cross-border spread of animal influenza in the trade areas of border.

The mathematical model of cross-border transmission of disease, the evaluation model of losses and the management of the animal influenza threat will directly contribute to the prevention and control of animal influenza.

We will share and discuss the risk analysis report and experiences with the management of the animal influenza threat with other APEC economies during the forum.



The project will be carried out under the guidance of APEC Secretariat, and the risk analysis report on cross-border spread of animal influenza and the management of the animal influenza threat will be submitted and evaluated by APEC Secretariat and research organizations




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Thank You !