

## AGENDA

# OFFLU Applied Epidemiology Working Group

Integrated risk assessment  
and management of  
avian influenza

*Technical meeting*

Rome, Italy • Lebanon Room (D-209)  
28-30 June 2017



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the United States Agency for International Development (USAID).*

## DAY 1

## Wednesday 28 June

13:00 – 14:45

- Opening and introductions
- Background of Working Group members

*D. Pfeiffer,  
S. von Dobschuetz,  
and G. Pavade*

OFFLU and OFFLU Applied Epi Working Group

- Technical activities under OFFLU and how it operates
- Agree on Terms of Reference

*G. Pavade  
D. Pfeiffer*

14:45 – 15:15

Coffee break

15:15 – 17:00

## AGREEMENT ON BROAD OUTLINE OF AEWG MODE OF WORKING AND OUTPUTS

- Collaboration with other OFFLU groups
  - Swine Influenza Virus Risk Assessment
  - Work on Wild Birds and results over the past 10 years
  - Vaccine Composition Meeting (including poultry vaccines)

*D. Pfeiffer  
N. Lewis  
T. Leighton  
L. Wiersma*

## DAY 2

## Thursday 29 June

09:00 – 10:15

## AGREEMENT ON BROAD OUTLINE OF AEWG MODE OF WORKING AND OUTPUTS (Cont.)

- Development of outline and workplans for developing guidance document for avian influenza risk assessment
  - AI QRA at FAO and JRA (tripartite)

*D. Pfeiffer  
  
S. von Dobschuetz*

10:15 – 10:45

Coffee break

10:45 – 12:00

- Development of outline and workplans for developing guidance document for data collection for AI risk modelling
  - Risk factor data (environmental, species distribution, market distribution,...)
  - AI data, including surveillance

*B. Martinez Lopez*

12:00 – 13:30

Lunch

13:30 – 14:00

- Setting the scene
  - Molecular developments/epidemiology, diagnostics and vaccines – state of the art and latest developments.

*T. Harder*

14:00 – 14:45

- Development of outline and agree on workplans for developing guidance document for avian influenza risk management
  - Vaccination strategies
  - Biosecurity, market management

*D. Pfeiffer*

14:45 – 15:15

Coffee break

15:15 – 17:00

- Development of outline and agree on workplans for developing guidance document for avian influenza risk management (*continued*)
  - Vaccination strategies
  - Biosecurity, market management

*D. Pfeiffer*

## DAY 3

## Friday 30 June

09:00 – 10:15

## DISCUSSION ABOUT UTILITY OF THE FLURISK TOOL FOR AVIAN INFLUENZA RISK ASSESSMENT AND MANAGEMENT

*C. Ahlstrom, D. Pfeiffer and  
S. von Dobschuetz*

Any other business

*D. Pfeiffer*

10:15 – 10:45

Coffee break

10:45 – 12:00

## CONCLUSIONS AND WAY FORWARD

*D. Pfeiffer, S. von Dobschuetz,  
and G. Pavade*

12:00

Closing

## Concept note

## INTRODUCTION

Avian influenza has now been a major threat to poultry and human health in Asia, Africa and Europe since the occurrence of large-scale outbreaks in Vietnam in 2004. The potential of emergence of strains that result in high levels of human morbidity and fatality rates was demonstrated during the 2009 H1N1 human global pandemic (a swine strain originating from an ancestral avian strain). The ability of the avian influenza virus to continuously vary and adapt to a variety of eco-social systems has been shown by H7N9 and H5N8 recently.

Recognising the need to develop integrated epidemiological approaches to avian influenza risk assessment and management at a global level, the OFFLU Executive Committee established the Applied Epidemiology Working Group (AEWG) in early 2017. The draft Terms of Reference of the Working Group specify the scientific aims as:

1. Identify the pathways leading to the introduction, spread and maintenance of relevant avian influenza viruses in different eco-social system settings and estimate the risks associated with these pathways
2. Develop appropriate risk management options for relevant avian influenza viruses in different eco-social system settings, including the design of surveillance systems and its components

The technical meeting will be used to agree on the TORs of the AEWG and to develop specific workplans. In addition, the AEWG will assess the utility of the FLURISK tools for integrated risk assessment and management of avian influenza.

## OBJECTIVES OF THE MEETING

1. To review the TORs of the OFFLU Applied Epi Working Group (AEWG)
2. To agree on outputs to be produced by the AEWG
3. To develop outline and agree on workplan for developing guidance document for avian influenza risk assessment
4. To develop outline and agree on workplan for developing guidance document for data collection for AI risk modelling
5. To develop outline and agree on workplan for developing guidance document for avian influenza risk management
6. To discuss the utility of the FLURISK tool for AI risk assessment and management

## MATERIALS TO BE SHARED PRIOR TO THE MEETING

1. Terms of Reference of the OFFLU Applied Epidemiology Working Group
2. FLURISK validation report, including description of influenza risk models/frameworks for zoonotic influenza, including any peer-reviewed scientific publications

## EXPECTED OUTCOMES OF THE MEETING

- Finalised Terms of Reference of OFFLU Applied Epidemiology Working Group
- Draft outlines and work plans for developing guidance documents to define data collection requirements for risk assessment and risk management
- Position of AEWG in relation to FLURISK model utility
- Meeting report

## PARTICIPATION AND VENUE

- Max 20 participants (12 members of AEWG plus FAO; see Annex)
- Suggested meeting date: Second quarter 2017 (TBC)
- Meeting venue: FAO HQ, Rome, Italy

