

REVISED DRAFT AGENDA

**Workshop on the Economics of Antimicrobial Use
in the Livestock Sector and Development of
Antimicrobial Resistance:**

**Implications for the Future Work on Health,
Food and Agriculture**

12 October 2015

**OECD, 2 rue André-Pascal, 75016
Paris, France**

DRAFT AGENDA

Workshop on the economics of antimicrobial use in the livestock sector and development of antimicrobial resistance: implications for future work on health, food and agriculture

12 October 2015, OECD, Paris, France

Introduction

This Workshop on the economics of antimicrobial use in the livestock sector and development of antimicrobial resistance is part of the 2015-16 Programme of Work of the Directorate for Trade and Agriculture (TAD). The Workshop is being held in close collaboration with the OECD's Directorate for Employment, Labour and Social Affairs (ELS), with input from the World Health Organisation (WHO), World Organisation for Animal Health (OIE) and the FAO. The main aim of the exploratory Workshop is to bring together government officials, experts, researchers, and policy makers to discuss and share information on the current state of knowledge on antimicrobial use and resistance in the livestock sector. In addition, potential impacts on agricultural productivity, competitiveness, innovation and sustainability are examined, as well as possible implications for public health. This is an important topic in all countries with global implications for both human health and animal health.

This work is closely linked to an OECD project on antimicrobial resistance (AMR) currently ongoing in the Directorate for Employment, Labour and Social Affairs. In essence, this project sets out to analyse the economic impacts of AMR and the cost effectiveness of actions aimed at rationalising the use of antibiotics in the healthcare sector. It is also envisaged that, at a later stage, this work could be extended to include a component on livestock agriculture and the linkages between animal and human health impacts.

The purpose of the Workshop is the following:

- (1) A stocktaking of the state of knowledge with respect to the use and resistance to antimicrobials in the livestock sector;
- (2) Explore the interface between the use and resistance to antimicrobials in the livestock sector and the possible implications for human health;

Delegations and participants are cordially invited to a cocktail hosted by the Delegation from Sweden and the Secretariat at 18:00.



(3) Explore potential work avenues that could be undertaken by the CoAg and ELS in future work.

More specifically, the key objectives of the Workshop are to:

- Take stock of the current state of knowledge on the use of antimicrobials in the livestock sector and trends in global usage;
- Share information on how to monitor and collect relevant and comparable data and up-to-date information on anti-microbial use and resistance in OECD countries and globally;
- Provide an opportunity for dialogue and communication amongst all stakeholders on the potential consequences of AMR for the agriculture, aquaculture, human health, consumer and environment sectors;
- Identify ongoing global efforts in the livestock and human health sectors to find solutions to the problem of AMR;
- Based on current knowledge, discuss and bring together alternative policy approaches to minimise the adverse spillover effects of AMR without adding significantly to production costs; and,
- Explore potential areas of future work with a view to developing recommendations on policies that can mitigate the negative externalities associated with the growth in antimicrobial resistance.

Session 1: 9:30-13:00 Chair: Mr Mark Pearson, Deputy Director, ELS, OECD

This Session consists of two parts: Part (a) focuses on defining the scope of the global antimicrobial resistance issue in terms of its impacts on human health and identifying how different stakeholders are responding to this issue, while Part (b) focuses specifically on the state of knowledge with respect to antimicrobial use and resistance in the livestock sector.

Session 1(a): 9:30 – 11:00

- 1. Opening remarks by the Chair & the Secretariat**
- 2. An overview of the OECD work on antimicrobial use & resistance in the Directorate for Employment, Labour & Social Affairs (ELS), OECD.**
 - Presentation by Dr Michele Cecchini & Mr. Franco Sassi
- 3. Presentation of the “Global Action Plan on Antimicrobial Resistance”, World Health Organisation.**
 - Presentation by Dr. Marcus Sprenger, WHO
- 4. Country and/or regional perspectives on the issue of antimicrobial resistance.**
 - Presentation by DG-SANTE, EC
 - Country presentations:
Netherlands
- 5. Open Q&A period**

Coffee break: 11:00-11:30

Session 1 (b): 11:30-13:00

- 1. Introduction by the Chair**
- 2. An overview of recent TAD/ATM work on antimicrobial use and presentation of some preliminary results on different scenarios.**
 - Presentation by Dr. Michael Ryan & Mr. Grégoire Tallard

3. An update on OIE activities related to antimicrobial use and resistance in the livestock sector.

- Dr. Elisabeth Erlacher-Vindel, OIE

4. An update on FAO activities related to antimicrobial resistance and antimicrobial usage in food and agriculture.

- Dr. Henk Jan Ormel, Senior Veterinary Policy Advisor, FAO.

5. Country presentations on the AMR issue.

- Dr. Stacy Sneeringer, USDA, USA.
- Prof. Frank M. Aarestrup, National Food Institute, Technical University of Denmark (DTU), Denmark.
- Mr. Tatsuro Sekiya, MAFF, Japan.
- M. Patrick Dehaumont, DGAL, France.

6. Open Q &A period

Lunch break: 13:00-14:30

Session 2: 14:30---18:00 PANEL DISCUSSION

Can OECD's economic approach contribute to addressing the increase in antimicrobial use and the development of resistance in the livestock sector. What linkages and common areas of work across the animal and human health sectors can be envisaged to best address the issue of antimicrobial resistance.

- **Moderator: Prof. Jonathan Rushton, RVC, University of London, UK**

1. Opening remarks

2. Presentation of the OECD issues paper.

The issues paper identifies concerns related to the gathering of data and information on antimicrobial use, as well as issues arising from the analyses and interpretation of the research findings in the livestock sector. It is presented to help guide the panel discussion.

- **Dr. Michael Ryan, TAD/COD**

3. Panel Discussion

The panel is composed of six experts representing different stakeholders including the Committee for Agriculture, the OECD Expert Group on the Economics of Prevention and independent researchers. The panel debate will be divided into two parts:

Part (a). In this part the panellists are invited to discuss and debate the motion **“There is need for more stringent regulatory policies and/or economic incentives (disincentives) on the use of antimicrobials in the livestock sector”**. What lessons can be learned from the human health sector for agriculture? In debating these issues, discussants will have a seven minute slot to express their views on the use of AMR in livestock agriculture. The debate is organised so that half the panel will argue in favour of the motion and the other half against. This will be followed by an open interactive debate between participants and panel members.

16:00 – 16:30 Coffee break

16:30-18:00 Panel Discussion (contd)

Part (b). This part will attempt to answer the question **“what next”**; each panellist will be invited to **identify the role of OECD in this debate and where the OECD can potentially add value to the ongoing discussions**.

Proposed Panel Members:

- **Mr. William Hall, Senior Policy Advisor, AMR-Review, UK.**
- **Dr. Christina Greko, Natural Veterinary Institute, Sweden.**
- **Dr. Gérard Moulin, ANSES, France.**
- **Dr. Walter Ricciardi, National Institute of Health, Italy.**
- **Mr. James Anderson, European Federation of Pharmaceutical Industries and Associations, Belgium.**
- **Dr. Piero Garzaro, Kaiser Permanente, US**

- 4. A brief summary of the outcome of the discussions and possible directions for future work.**

Dr. Jonathan Brooks, Head of Division, TAD/ATM.

- 5. Close of Workshop**