



Food and Agriculture
Organization of the
United Nations

CONCEPT NOTE AND PROGRAM

Webinar: Advancing the One Health response to Antimicrobial Resistance (AMR)

Jointly organized by the South Centre, FAO and UNEP

11 January 2021 14:00 – 16:00 CET

Antimicrobial resistance (AMR) is a significant global health problem. The increasing resistance to current antimicrobials (antibiotics, antivirals, antifungals, and antiparasitics) is rendering these crucial products ineffective for treatment. The wide range of resistant infections, with decreasing treatment options, is leading to increased morbidity and mortality.

Antimicrobial resistance can spread through the food chain and the environment. Therefore, understanding the role that food, agriculture and environmental sectors play in AMR is crucial in preventing infections and the further development and spread of AMR.

In order to adequately address AMR, it is necessary to take a "One Health" approach with integrated actions across human, animal and environmental health sectors. Ultimately, tackling AMR is a Sustainable Development Agenda issue and will be critical in achieving the Sustainable Development Goals (SDGs). Increasing awareness and understanding of the aspects of antimicrobial use in the agriculture sector and their impact on the environment are necessary in order to address AMR from a One Health perspective.

The current COVID-19 pandemic has shown the critical linkages between the human and animal interface and the need to strengthen health systems and surveillance for humans, animals, and the environment. COVID-19 has also highlighted the importance of looking at the emergence of zoonotic diseases including infections caused by resistant pathogens and therefore the importance of preventing infectious diseases, protecting biodiversity and encouraging agricultural practices that rely on the prudent use of antimicrobials.

Objectives:

- Raise awareness and communicate the importance of the One Health approach in addressing AMR
- Share good policy practices to mitigate the threat of AMR by reducing the use of antimicrobials in agricultural systems and the environment
- Identify the links and contribution of work on AMR with SDGs
- Highlight the importance of the four UN sister organizations working together – each has an individual and a collective mandate to coordinate efforts to address AMR
- Showcase examples that address AMR from a One Health perspective that are taking place regionally, or in country

Audience: This webinar is specially dedicated to member states who are represented in Geneva and open to all stakeholders and practitioners that cover health, agriculture, environment and the SDGs.

Proposed format: The South Centre, has the platform for hosting the webinar through Zoom. Information and promotion of the webinar will be aided by the Geneva Environment Network. The session will be recorded and be made available afterwards and sent to all registrants.

PROGRAM

FAO/South Centre/UNEP Introductions and overview, linking AMR to SDGs 14:00 – 14:10

Part 1 International Partnerships 40 Minutes

Moderation: South Centre, Viviana Muñoz Téllez

<i>FAO, Keith Sumption</i>	FAO's program on AMR	14:10 – 14:20
<i>OIE, Elisabeth Erlacher-Vindel</i>	How can the animal sector contribute to addressing AMR?	14:20 – 14:30
<i>UNEP, Jacqueline Álvarez</i>	What are priority areas for management of AMR in the environment?	14:30 – 14:40
<i>WHO, Hanan Balkhy (invited)</i>	How can the human health sector work better with other sectors to address AMR?	14:40 – 14:50

Part 2 One Health approach in action 65 Minutes

Moderation: FAO, Julio Pinto

<i>FAO moderator</i>	Introduction	14:50 – 14:55
<i>EMA, Ivo Claassen</i>	EMA contribution to a One Health approach addressing antimicrobial resistance	14:55 – 15:05
<i>Kenya, Allan Azegele</i>	One Health and AMR	15:05 – 15:15
<i>Switzerland, Dagmar Heim</i>	Swiss approach to tackle AMR in a One Health context	15:15 – 15:25
<i>Thailand, Phunsak Theramongkol</i>	One Health and AMR, environmental perspective	15:25 – 15:35
<i>FAO moderator</i>	Questions to panelists	15:35 – 15:55

Final session 5 Minutes

<i>UNEP, Monika Gail MacDevette</i>	Closing remarks on behalf of the organizing partners	15:55 – 16:00
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