

ПРЕЗЕНТАЦИЯ

PRESENTATION

International conference on
Food Safety Risk Analysis and
Antimicrobial Resistance

Moscow, Russian
Federation, 17- 18 12/2019

Международная
конференция по вопросам
анализа риска безопасности
пищевой продукции и
устойчивости к
противомикробным
препаратам

Москва, Российская
Федерация, 17 -18 12/2019



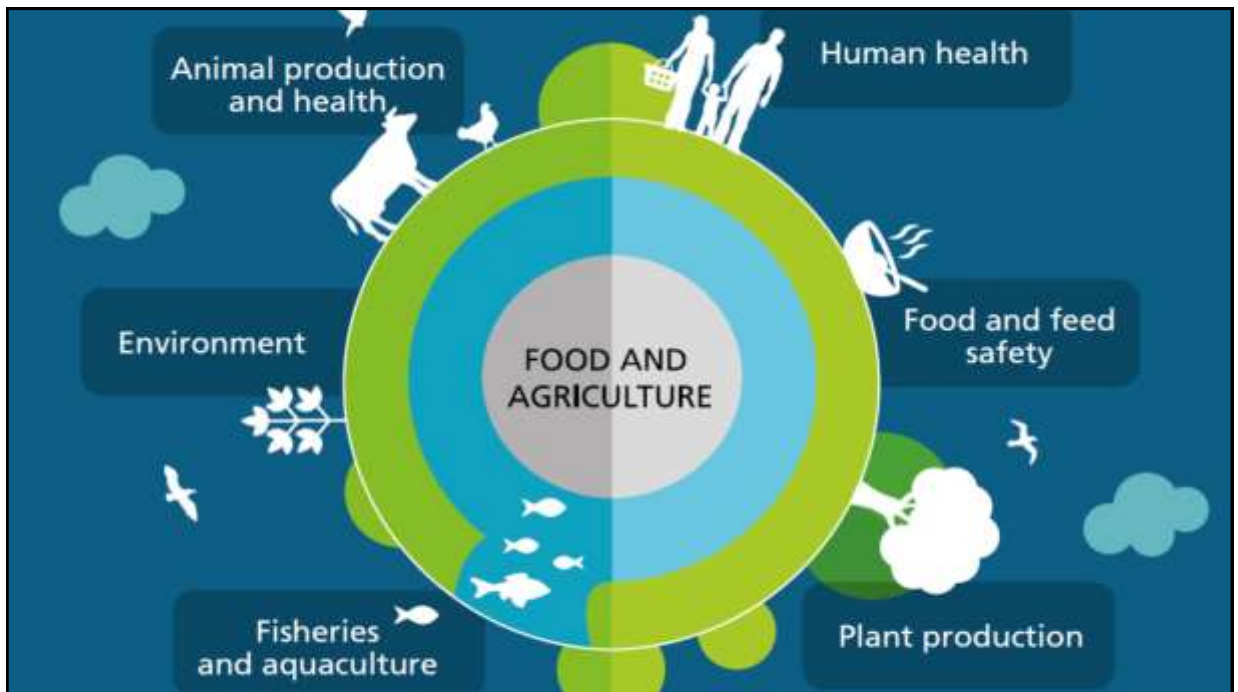
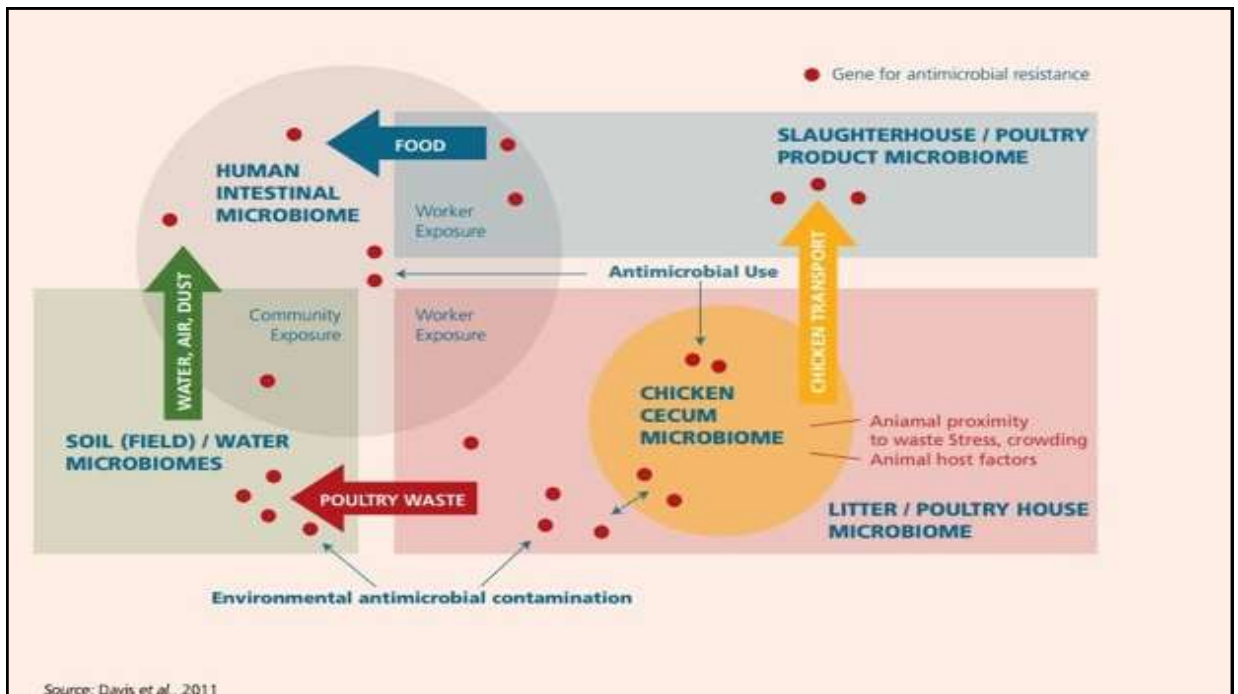
Food and Agriculture
Organization of the
United Nations

FAO programmes and initiatives to reduce AMR and AMU

Henk Jan Ormel
Senior Veterinary Policy Advisor
FAO, Rome

*International Conference on Food Safety
Risk Analysis and AMR
Moscow, 17-18 December 2019*





One Health at FAO



FAO Action Plan on AMR

- Improve awareness on AMR and related threats
- Develop capacity for surveillance and monitoring of AMR and AMU (antimicrobial use) in food and agriculture
- Strengthen governance related to AMU and AMR in food and agriculture
- Promote good practices in food and agricultural systems and the prudent use of antimicrobials



Awareness Raising

- Basic information for stakeholders
- Videos and infographics
- Stakeholder events at national level
- Internal technical networks – raise awareness among all FAO staff
- External events – raise awareness among our membership



CODEX ALIMENTARIUS on AMR

Draft revision Code of Practice to minimize and contain foodborne AMR

Draft Guidelines on integrated monitoring and surveillance of foodborne AMR

■ Main documents:

- *Code of Practice to Minimize and Contain Antimicrobial Resistance* (2005)
- *Guidelines for Risk Analysis of Foodborne Antimicrobial Resistance* (2011)

■ Other Codex texts relevant to AMR includes:

- *General Principles of Food Hygiene*
- *Code of Practice on Good Animal Feeding*
- Several Codes of hygienic practices for different commodities (e.g. milk and milk products)



Legislation

working at country level on animal, plant health and food safety legislation



www.fao.org/legal

Identification of legal elements and areas relevant for AMR and AMU

Recommendations to mainstream AMU-related obligations and responsibilities in the relevant legislation

Support to participatory processes for legal reform

LEGAL INFORMATION – FAOLEX (fao.org/faolex)



Good Practices and Prudent use of antimicrobials in agriculture production systems

In terrestrial animal production systems and health and animal feed

- Good husbandry and Good hygiene practices
- Improved biosecurity
- Animal welfare
- Animal feed – good nutrition, 'alternatives' to antimicrobials

In aquatic animal production systems and health

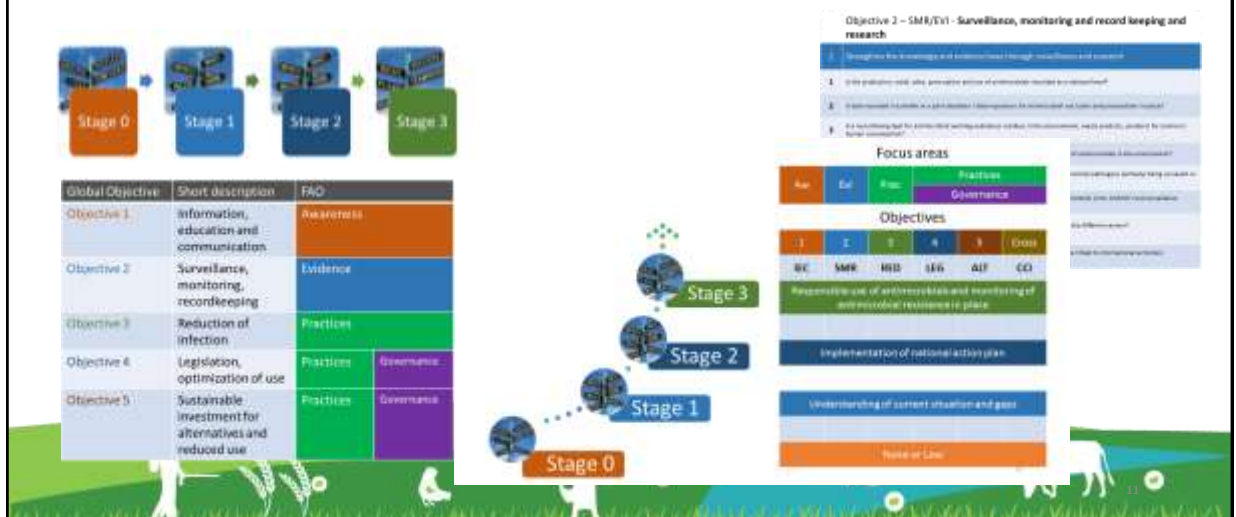
- AMR as one of 3 topics to be a research priority
- Good practices
- Biosecurity

In crop production and health

- Good Agriculture Practice
- International Code of Conduct - Regulation of pesticides (incl. antimicrobial pesticides) used for crop production
- Integrated Pest Management (IPM) for reducing use of pesticides
- Management and use of pesticides (pesticide life-circle management)
- Registration of pesticides - toolkit



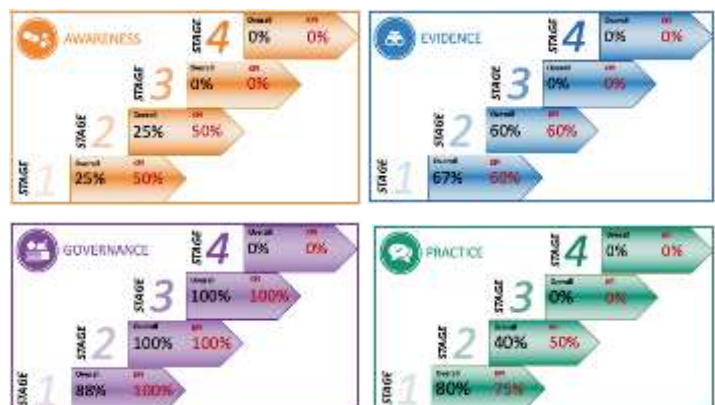
Progressive Management Pathway (FAO-PMP-AMR) to support countries with implementing their National Action Plans on AMR



Progressive Management Pathway on AMR (FAO-PMP-AMR)

Goal: responsible use and good management of antimicrobials

- Stepwise approach
- One Health approach
- List activities and KPI for each stage at every area
- Dashboard provides the progress made
- Assessment report outlined the current situation and following actions
- Guidelines for improvements



Assessment Tool for Laboratory and AMR Surveillance System (FAO-ATLASS)

To (self-)assess individual laboratories on their capacity of:

- ✓ pathogen isolation & identification
- ✓ antimicrobial resistance testing

Focusing on 6 major categories:

- Technical capacities
- Data and biological material management activities
- Quality Assessment
- Governance
- Prospective
- Pilot tested and undergoing finalization

Excel and Mobile applications for data capture/entry in English and French

Qualitative questionnaire

Scored questionnaire

FAO-ATLASS

1. Map national AMR surveillance system in food and agriculture -FAO AP Focus area 2



2. Monitor AMR surveillance capacities **over time** at national, regional, and global level

3. Describe the link with AMR surveillance in **human** health and the environment

4. Provide evidence base for action and advocacy to strengthen AMR surveillance system and for NAPs



ATLASS-PIP and AMR-PMP for AMR linkage



AMR Multi-Partner Trust Fund (AMR MPTF)



February 2019:
Tripartite workshop to set the main items of the MPTF

June 2019:
Launch of the MPTF

August 2019:
Official signature of the MoU and TOR

.....



Food and Agriculture
Organization of the
United Nations

Thank you

www.fao.org/antimicrobial-resistance

Antimicrobial-Resistance@fao.org

