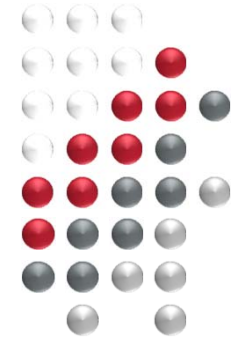


Dr François Diaz,
Scientific and Technical Department
World Organisation for Animal Health (OIE)



OIE activities related to antimicrobial resistance and the use of antimicrobial agents in animals

ESVAC Stakeholders meeting

London, United Kingdom, 18 March 2013

A circular image of the Earth, showing the Middle East, North Africa, and parts of Europe and Asia. The image is centered on the Middle East, with the Red Sea and Persian Gulf visible. The text is overlaid on the lower half of the image.

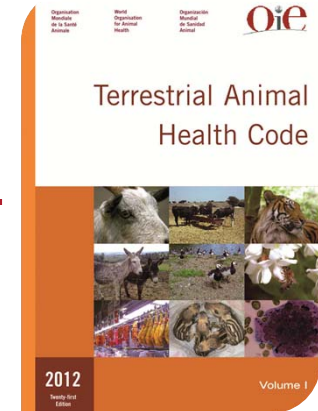
**OIE Global Mandate: “to improve
animal health veterinary public
health and animal welfare
world-wide”**

Use of antimicrobial agents and containment of the antimicrobial resistance

- In accordance with its mandate, OIE consider the use of antimicrobial substances in food producing animals as a key issue for public health, animal health and animal welfare.
- Since a decade, the OIE has been working actively on this issue.
- Since October 2011, also addressed through the FAO-OIE-WHO Tripartite Agreement.

OIE STANDARDS and GUIDELINES

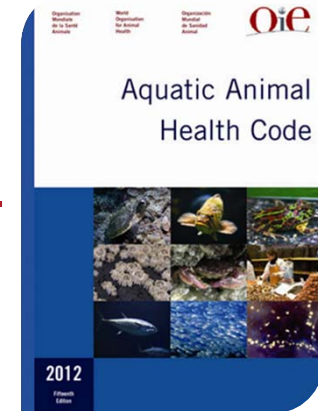
■ Terrestrial Animal Health Code 2012



■ Section – 6: Veterinary Public Health

- ▣ Chapter 6.6. Introduction to the recommendations for controlling antimicrobial resistance;
- ▣ Chapter 6.7. Harmonisation of national antimicrobial resistance surveillance and monitoring programmes;
- ▣ Chapter 6.8. Monitoring of the quantities and usage patterns of antimicrobials agents used in food producing animals;
- ▣ Chapter 6.9. Responsible and prudent use of antimicrobial agents in veterinary medicine;
- ▣ Chapter 6.10. Risk assessment for antimicrobial resistance arising from the use of antimicrobials in animals.

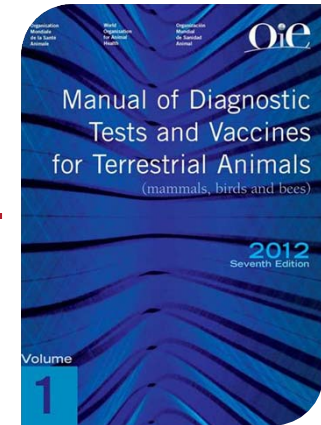
■ Aquatic Animal Health Code 2012



■ Section – 6: Veterinary Public Health

- ▣ Chapter 6.2. Introduction to the recommendations for controlling antimicrobial resistance;
- ▣ Chapter 6.3. Principles for responsible and prudent use of antimicrobial agents in aquatic animals;
- ▣ Chapter 6.4. Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals;
- ▣ Chapter 6.5. Development and harmonisation of national antimicrobial resistance surveillance & monitoring programmes for aquatic animals;
- ▣ Chapter 6.x. Risk assessment for antimicrobial resistance arising from the use of antimicrobials in aquatic animals **(under development)**.

Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2012



■ Part 3: General Guidelines:

- ▣ 3.1. Laboratory methodologies for bacterial antimicrobial susceptibility testing.

<http://www.oie.int/en/international-standard-setting/terrestrial-manual/access-online/>

**OIE LIST OF
ANTIMICROBIAL AGENTS
OF VETERINARY
IMPORTANCE**

■ OIE List of Antimicrobial Agents of Veterinary Importance 1/2

- The OIE list was developed by an *ad hoc* Group based on a questionnaire sent to all the OIE Member Countries.
- Finally adopted in May 2007 by the World Assembly of Delegates (Resolution No. XXVII) during the 75th OIE General Session.
- The list can be found on the OIE website at:
http://www.oie.int/fileadmin/Home/eng/Our_scientific_expertise/docs/pdf/OIE_list_antimicrobials.pdf

■ OIE List of Antimicrobial Agents of Veterinary Importance 2/2

- OIE *ad hoc* group on Antimicrobial Resistance met in July 2012 to review and update the List, taking into account the top three critically important antimicrobials of the WHO list for human medicine.
- Revised list was endorsed by the OIE Scientific Commission for Animal Diseases in February 2013 and will be submitted for adoption to the World Assembly of Delegates in May 2013.

OIE SUPPORT TO ITS MEMBERS

OIE expertise

- Network of 236 OIE Reference Laboratories and 41 OIE Collaborating Centres

- Amongst this network:
 - ▣ Collaborating Centre for Veterinary Medicinal Products (France)
 - ▣ Collaborating Centre for on Diagnosis and Control of Animal Diseases and Related Veterinary Product Assessment in Asia (Japan)
 - ▣ Collaborating Centre for Veterinary Drug Regulatory Programmes (USA)
 - ▣ Reference Laboratory on Antimicrobial Resistance (UK)

OIE initiatives

- **Evaluation** of the performance of veterinary services using the OIE PVS tool;
- **Guidance** to help the OIE Member Countries to update their veterinary national legislation in accordance with the international standards;
- **OIE Twinning Laboratory Programme** for developing and in-transition countries to implement laboratory diagnostic methods and to further develop scientific knowledge based on the OIE Standards;
- As an associated Member of the VICH, OIE is actively promoting the need for harmonisation in the approval and registration process of veterinary medicinal products;
- Veterinary Education.

■ Communication/Training

- Publications
- International and regional conferences
- Regional training for OIE National Focal Points on veterinary products

**FEEDBACK FROM THE OIE GLOBAL
CONFERENCE ON THE
RESPONSIBLE AND PRUDENT USE
OF ANTIMICROBIAL AGENTS FOR
ANIMALS, *International solidarity to
fight against Antimicrobial
Resistance*, PARIS, FRANCE, 13-15
MARCH 2013**

■ Questionnaire on monitoring of the quantities of antimicrobial agents used in animals in OIE Member Countries

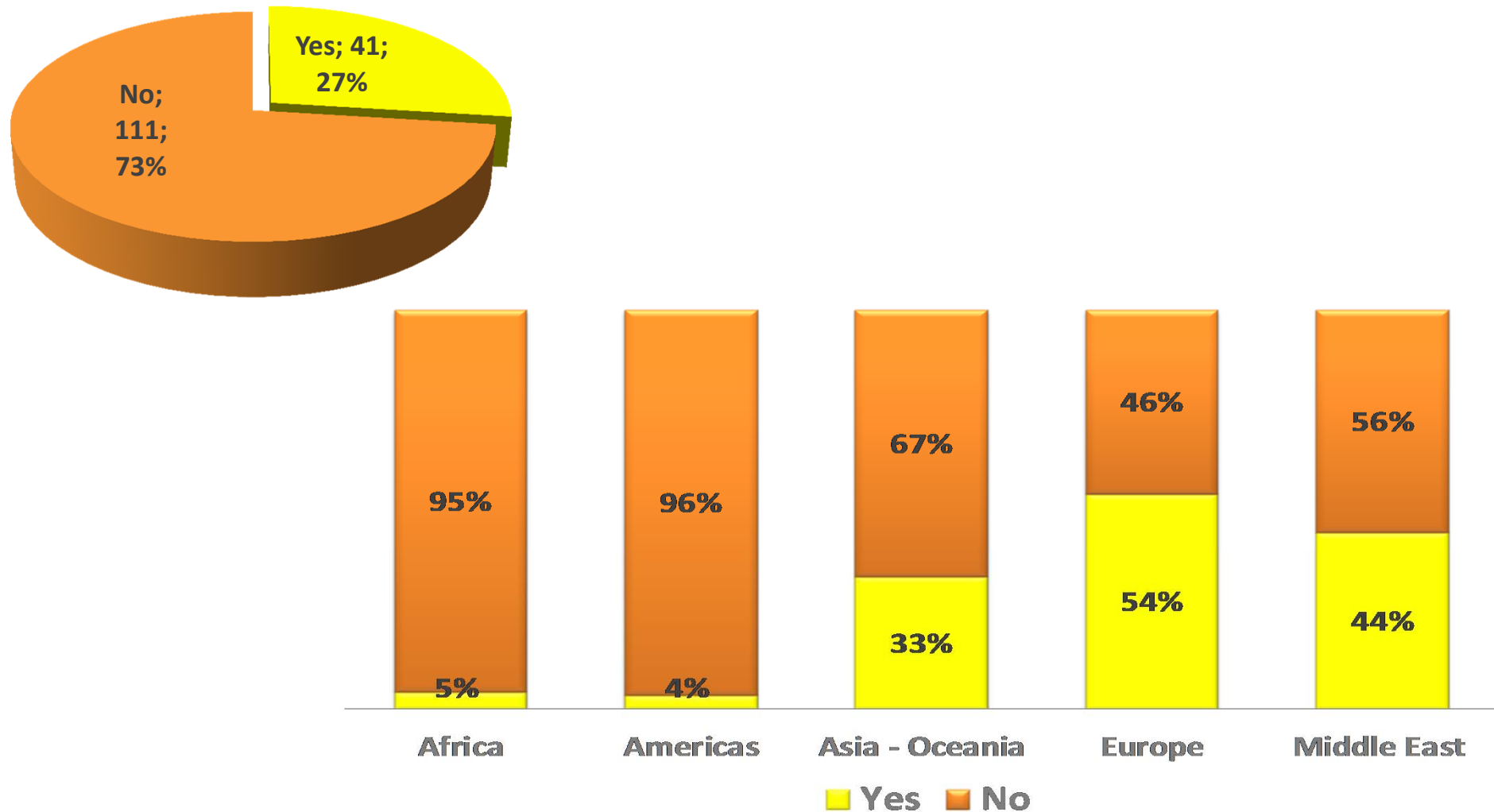
Questionnaire divided into two parts:

1. **General context** (three main questions - legislation covering Veterinary Medicinal Products (VMP) - use of growth promoters in Member Countries - a system for collecting quantitative data on antimicrobial agents used in animals).
2. **Implementation of the OIE standard** (Chapter 6.8. of the *Terrestrial Code*) – 2 sub-parts:
 - One part for those countries that do not have an official system for collecting quantitative data on antimicrobial agents used in animals (seven main questions);
 - One part for those countries that have an official system for collecting quantitative data on antimicrobial agents used in animals (nine main questions).

■ Replies and analysis

- Sent to all the OIE Delegates and copied to the OIE National Focal Points for Veterinary Products in June 2012 (final deadline September 2012).
- 152 questionnaires received from 178 OIE Member Countries = **85% replied**.
- OIE National Focal Points for Veterinary Products were mainly in charge of filling in the Questionnaire.

Proportion of OIE Member Countries with an official system for collecting quantitative data



Recommendations of interest from the conference for this meeting

- Recommendations from the participants addressed to the OIE:
 - ▣ 6. To assist Member Countries to conduct surveillance on antimicrobial resistance for animal and human pathogens.
 - ▣ 7. To collect harmonised quantitative data on the use of antimicrobial agents in animals with the view to establish a global database.

Thank you for your attention



Organisation mondiale
de la santé animale

World Organisation
for Animal Health

Organización Mundial
de Sanidad Animal