Dr Elisabeth Erlacher–Vindel
Head of Science and New Technologies Department

OIE activities on animal health

Regional Workshop for National Focal Points for Veterinary Products (5th Cycle)
Agenda

- OIE and it’s 6th Strategic Plan 2016-2020
- OIE Strategy on AMR and the Prudent Use of Antimicrobials
- OIE International Standards and Guidelines
- Monitoring the use of antimicrobials in animals
- Ongoing activities and next steps
- Conclusion
OIE and it’s 6th Strategic Plan 2016-2020
Who we are today...

Improving animal health and welfare worldwide

**STANDARDS**
for international trade of animals and animal products

under the mandate given by the WTO

**TRANSPARENCY**
of the world animal disease situation

including zoonoses

**EXPERTISE**
Collection and dissemination of veterinary scientific information

animal disease prevention and control methods

**SOLIDARITY**
between countries to strengthen capacities worldwide

Capacity building tools and programmes
Today and tomorrow
OIE 6th Strategic Plan (2016-2020) - Strategic Objective 1
Securing animal health & welfare by appropriate risk management

- Holistic & interdisciplinary approach
- Climate change / eco-systems / impacts on disease control
- New technologies including for diagnostics and vaccines
- Support to the eradication of selected animal diseases (FMD, PPR, Rabies)
- Involvement in scientific platforms

‘effective & judicious management of the use of antimicrobial substances’
In line with the AMR Global Action Plan (GAP)

| OIE Intergovernmental standards | Terrestrial & aquatic animals  
Regularly updated |
|---------------------------------|-----------------------------|
| Global OIE database on the use of antimicrobials in farmed animals | Information collected through the national Veterinary Services  
(Third round started) |
| OIE List of antimicrobial agents of veterinary importance | To be updated in 2018 |
| Capacity building programmes | Regional Seminars for OIE national focal points for veterinary products |

Resolution adopted at the OIE’s 83rd General Session  
(May 2015)

http://www.oie.int/fileadmin/Home/eng/Media_Center/docs/pdf/PortailAMR/EN-book-AMR.PDF

Resolution 26 “Combating AMR and Promoting the Prudent Use of Antimicrobial Agents in Animals”

- OIE Member Countries follow the guidance of the WHO Global Action Plan (GAP) on AMR, developed with the support of the OIE in the spirit of the “One Health” approach, in particular by developing national action plans...

- The OIE develops a procedure and standards for data quality for collecting data annually from OIE Member Countries on the use of antimicrobial agents in food-producing animals with the aim of creating an OIE global database...

Resolution 36 “Combating AMR through a One Health Approach: Actions and OIE Strategy”

- The OIE actions to be compiled within the OIE Strategy on AMR include:
  - The establishment and the management of a database for the collection of data on the use of antimicrobial agents in animals as well as the development of interpretation indicators
OIE Strategy on AMR and the Prudent Use of Antimicrobials
OIE Strategy on AMR and Prudent Use of Antimicrobials

The OIE Strategy on Antimicrobial Resistance and the Prudent Use of Antimicrobials

November 2016

http://www.oie.int/fileadmin/Home/eng/Media_Center/docs/pdf/PortailAMR/EN_OIE-AMRstrategy.pdf

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OIE International Standards and Guidelines
OIE Intergovernmental Standards on AMR regularly updated

Preserving the efficacy of antimicrobials

- Distribution, restriction of free access
- Prescription and administration under veterinary supervision
- Monitoring of quantities used in animals, antibiotic resistance surveillance
- Oversight by Veterinary Statutory Bodies

OIE intergovernmental standards

- Use and surveillance of antimicrobials
- Veterinary legislation
- Quality of Veterinary Services

OIE List of antimicrobial agents of veterinary importance
Aquatic Animal Health Code

- Ch.6.2. Principles for responsible and prudent use of antimicrobial agents in aquatic animals

- Ch.6.3. Monitoring of the quantities and usage patterns of antimicrobial agents used in aquatic animals

- Ch.6.4. Development and harmonisation of national AMR surveillance and monitoring programmes for aquatic animals

- Ch.6.5. Risk analysis for AMR arising from the use of antimicrobial agents in aquatic animals
OIE International Standards on AMR

*Terrestrial* Animal Health Code

- Ch.6.7. Harmonisation of national AMR surveillance and monitoring programmes (*under revision*)
- Ch.6.8. Monitoring of the quantities and usage patterns of antimicrobial agents used in food-producing animals (*definitions under revision*)
- Ch.6.9. Responsible and prudent use of antimicrobial agents in veterinary medicine
- Ch.6.10. Risk analysis for AMR arising from the use of antimicrobial agents in animals
Chapter 6.9. Responsible and prudent use of antimicrobial agents in veterinary medicine

Determined by the quality of the antimicrobial and by the distribution, prescription and administration of veterinary medicinal products containing antimicrobial agents

Recommendations for each of the parties involved:
- regulatory authority
- veterinary pharmaceutical industry
- wholesale and retail distributors
- veterinarians
- food-animal producers
- animal feed manufacturers
OIE List of Antimicrobial Agents of Veterinary Importance

- Veterinary Critically Important Antimicrobial Agents (VCIA): are those that meet BOTH criteria 1 AND 2
- Veterinary Highly Important Antimicrobial Agents (VHIA): are those that meet criteria 1 OR 2
- Veterinary Important Antimicrobial Agents (VIA): are those that meet NEITHER criteria 1 OR 2
OIE Standards and Guidelines

- **OIE List of Antimicrobial Agents of Veterinary Importance:**
  take also into account concerns for human health
  (WHO and FAO participate in the ad hoc Group)

- **Recommendation**
  Any use of antimicrobial agents in animals
  should be in accordance with OIE standards
  on responsible and prudent use

OIE List of Antimicrobial Agents of Veterinary Importance

Among the Veterinary **Critically Important** Antimicrobial Agents, some are also of critical importance for human health (third and fourth generation *Cephalosporins*, and *Fluoroquinolones*):

- **Not to be used** as preventive treatment in feed or water or in absence of clinical signs
- **Not to be used** as first line, unless justified and bacteriologic test
- **Extra label/off label limited** and reserved for instances no alternatives are available

*Currently under revision!*
Monitoring the use of antimicrobials in animals
Monitoring the use of antimicrobials in animals based on OIE standards

1. A system where all can contribute
2. That safeguards information
3. That is pragmatic regarding the data collected
4. That will help to get comparable data and to measure trends

OIE global database

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1st results

% of OIE Member Countries submitting questionnaires by OIE region

- **AFRICA**: 81.5% (44/54) members responded
- **AMERICA**: 65.5% (19/29) members responded
- **ASIA**: 81.3% (26/32) members responded
- **EUROPE**: 67.9% (36/53) members responded
- **MIDDLE EAST**: 41.7% (5/12) members responded

**130 (72%)** Member Countries responded in the first phase

Mid-Dec. 2015 - May 2016

Including **54/74 (73%)** LMIC
OIE Global Database on Antimicrobial Use in Animals

2nd Results

% of OIE Member Countries Submitting Questionnaires by OIE Region

- Africa: 41/5 (75.9%)
- Americas: 29/2 (100.0%)
- Asia and the Pacific: 23/3 (71.9%)
- Europe: 46/5 (86.8%)
- Middle East: 4/12 (33.3%)

143 (79%) from Member Countries and 3 non-OIE Member Countries
Including 56/77 (73%) LMICs
Ongoing activities and next steps
Ongoing Activities and next steps

- Based on the latest Resolution No. 38 adopted by 85th World Assembly in May 2017, that the OIE:
  - Promote approaches to reduce antibiotics by encouraging alternatives to antibiotics, development of vaccines, best husbandry practices and hygiene
  - Implement the OIE Strategy on AMR and prudent use in collaboration with WHO and FAO and promote intersectoral collaboration at regional, sub-regional and national level
  - Support MCs in the implementation of national action plans and international standards

Based on the latest Resolution No. 38 adopted by 85th World Assembly in May 2017, that the OIE:

- Contribute to strengthening raising awareness on risks related to AMR

- Complement the specific standards and recommendations on laboratory methodologies for antimicrobial susceptibility, and work with WHO and FAO to achieve integrated surveillance

- Continue the work of the United Nations interagency group to coordinate global action to fight AMR effectively and sustainably

OIE’s Ongoing AMR Work Programme

1. Monitoring programmes for implementation of GAP and OIE Strategy

2. Global data collection and analysis of antimicrobial agents intended for use in animals

3. Ongoing development and maintenance of OIE Standards
   • Key definitions: therapeutic use, preventive use and growth promotion
   • Update the OIE List of Antimicrobial Agents of Veterinary Importance taking into account recent WHO updates

- 2nd OIE Global Conference

  Antimicrobial Resistance and Prudent Use of Anti-microbial Agents in Animals: Putting Standards into Practice

- Marrakesh, Morocco, 29 to 31 October 2018
**Prudent Use** communication campaign to empower policy makers, veterinarians, and other relevant stakeholders

(www.oie.int/en/for-the-media/amr/multimedia-ressources)
Conclusion
CONCLUSION

Protecting animals, preserving our future

- Work together in collaboration with WHO and FAO for a coordinated and multi-sectoral approach and other alliances;
- Need National AMR action plans adopted to the local conditions in Member Countries;
- Sustainable actions supported by investments in the animal health system and within a legal framework to minimise counterfeiting and illegal marketing;
- Strong educational campaign and cooperation among all stakeholders;
- *We need your commitments to put it into practice the principle of Prudent and Responsible Use of Antimicrobials*
Any Questions?