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OIE activities. Antimicrobial use and alternatives

Ministry of Agriculture, Budapest, Hungary
10th November 2017



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Improving animal health and welfare by appropriate risk management

New global strategies

Antimicrobial resistance

Global disease control

Animal welfare



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Improving animal health and welfare by appropriate risk management

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Antimicrobial use and alternatives

OIE activities

<p>Antimicrobial resistance Summary of SDG Indicator 3.6.2</p>	<p>OIE Intergovernmental standards</p> <p>Global OIE database on the use of antimicrobials in farmed animals</p> <p>OIE List of antimicrobial agents of veterinary importance</p>	<p>Terrestrial & aquatic animals</p> <p>Information collected through the national Veterinary Services <i>(in progress)</i></p> <p>Updated in 2015</p>	<p>Nov. 2016</p> <p>The 114th Session on Antimicrobial Resistance and the Problem Use of Antibacterials</p> <p>November 2016</p>
	<p>Capacity building programmes</p>	<p>Regional seminars for OIE national Focal Points for veterinary products</p>	

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Antimicrobial use and alternatives

OIE standards

Preserving the efficacy of antimicrobials



OIE intergovernmental standards

- Controlling antimicrobial resistance
- Veterinary legislation
- Quality of Veterinary Services



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Antimicrobial use and alternatives

OIE strategy

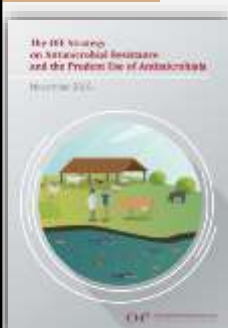
Context

- 2015 **Global Action Plan (GAP)** on AMR and the Tripartite Partnership (WHO-FAO-OIE)
- OIE World Assembly **Resolutions on AMR** in 2015 & 2016



Strategy

Consolidated work programme under **4 key objectives** aligned with the GAP



Improve awareness and understanding

Strengthen knowledge through surveillance and research

Support governance and capacity building

Encourage implementation of international standards

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FAO-OIE-WHO Collaboration

Joint priorities including on AMR



Food and Agriculture
Organization of the
United Nations



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World Health
Organization

Global leader for
food and agriculture

Global leader for
animal health and
welfare standards

Global leader for
human health

- WHO Global Action Plan: developed in close collaboration with FAO & OIE
- National Action Plan (NAP) development support tools
- Communication tools
- Joint media statements
- World Antibiotic Awareness Week
- Common trainings and presentations



Improve awareness and understanding

Strengthen knowledge through
surveillance and research

Support governance and capacity building

Encourage implementation of international
standards



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The Tripartite united against AMR



HIGH-LEVEL MEETING ON
ANTIMICROBIAL RESISTANCE



21 SEPTEMBER 2016, UN HEADQUARTERS, NEW YORK

*"Effective and accessible
antibiotics
are as vital for protecting
animal health and welfare and
good veterinary medicines
as they are for human health"*

Dr Monique Eloit, OIE Director General
UNGA 71st Session,
New York, September 2016



Improve awareness and understanding

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OIE global database

Use of antimicrobials in animals



- Improve awareness and understanding
- Strengthen knowledge through surveillance and research
- Support governance and capacity building
- Encourage implementation of international standards

1

A system where all can contribute

2


That safeguards information

3

That is pragmatic regarding the data collected

4

That will help get comparable data

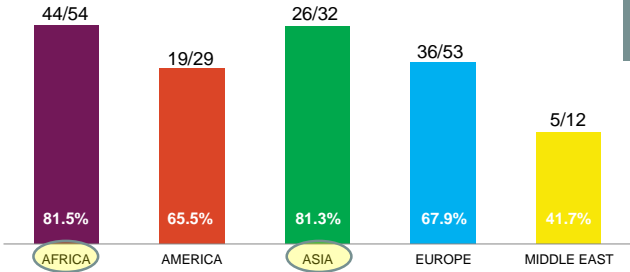


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1st results

OIE global database

Use of antimicrobials in animals




% of OIE Member Countries submitting questionnaires by OIE region


OIE Region	Number of Countries	Percentage
AFRICA	44/54	81.5%
AMERICA	19/29	65.5%
ASIA	26/32	81.3%
EUROPE	36/53	67.9%
MIDDLE EAST	5/12	41.7%

130 (72%) Member Countries responded in the first phase
Mid-Dec.2015- May 2016

54/74 (73%) low-/middle-income OIE Member Countries responded.

The OIE will support them in establishing accurate collection of data.





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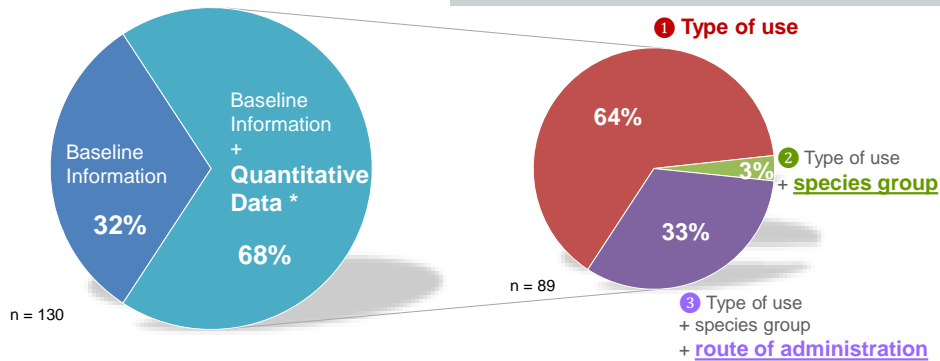
OIE global database

Use of antimicrobials in animals

% of Member Countries providing baseline information & reporting options

* Quantitative data = 3 Reporting options

Overall amount sold for/used in animals by antimicrobial class;
with the possibility to separate by:



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OIE global database

Use of antimicrobials in animals

- High-rate of participation by Member Countries
- A number of countries have started to collect data on the use of antimicrobial agents

Next steps

- Need to provide additional support to Member Countries to improve their national data collection systems
- Detailed interpretation of the data requires future developments



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Alternatives to antibiotics

Challenges and solutions in animal production

Context

- Concerns over antibiotic resistance are driving policies to restrict the use of antibiotics in agriculture worldwide
- However, these drugs are crucial to prevent and control animal diseases

Challenges

- What are the new approaches available?
- How can new technologies be used?
- Which alternative molecules are available?
Vaccines, microbial-derived products, phytochemicals...



Scientific forum
in collaboration with USDA

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Antimicrobial use and alternatives

Next steps

- Implementation of the OIE Global Strategy on Antimicrobial resistance
 - Including further communications tools to be developed and disseminated worldwide
- 85th OIE General Session: Technical Item with questionnaire (sent to 180 OIE Member Countries)

Global action to alleviate the threat of antimicrobial resistance:
progress and opportunities for future activities
under the 'One Health' initiative

- Objectives
 - Strengthen OIE's commitment in this global initiative against AMR
 - Conduct a survey to assess progress made by OIE Member Countries
 - Identify areas of potential action to target interventions and support OIE Member Countries



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Website

www.oie.int

News

Themes

The OIE in brief

The OIE in pictures

Regions

Early disease alerts

WAHIS Portal

Events

Publications

Annual report

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#AntibioticResistance

WORLD ANTIBIOTIC AWARENESS WEEK

14-20 NOVEMBER 2016

Infographic

Posters & Videos

- National authorities
- Veterinarians
- Farmers & animal owners
- Agriculture sector

OIE web portal on AMR

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Supporting and strengthening Veterinary Services at the front lines of public health

Support to OIE Member Countries

PVS Pathway

Veterinary Education



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Take away messages

- **Early detection** of animal diseases at their source and **timely notification** are essential to protect animal health and welfare
- Joining the combined efforts of **OIE/WHO/FAO** in their priority topics is highly needed
 - Antimicrobial resistance

Strong Veterinary Services are key players
Transparency and **excellence** are indispensable
Efficient **communications** are crucial



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Thank you for your attention!



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