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International Standards and capacity building to promote prudent use of antimicrobial agents in animals

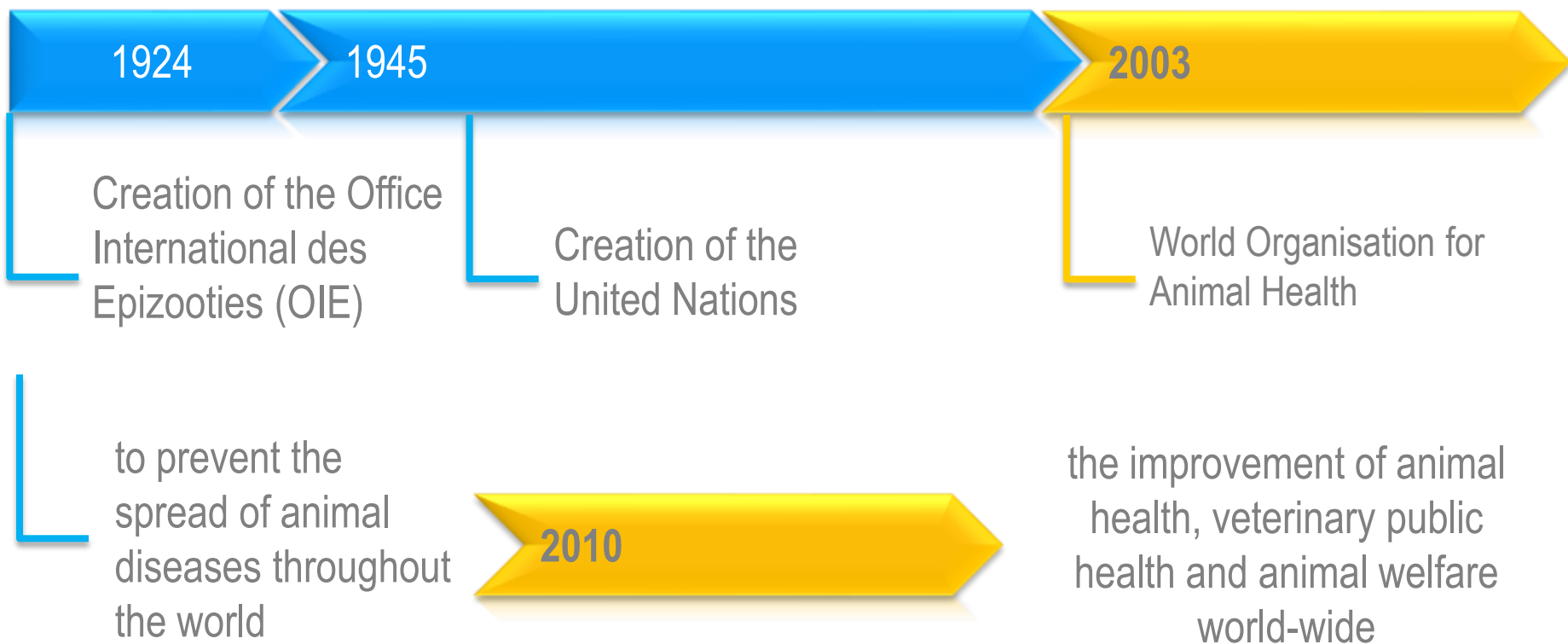
30th World Veterinary Congress
Cape Town, South Africa, 10-14 October 2011

Contents

-  **Introduction**
-  OIE International Standards and Guidelines
-  Capacity building to promote prudent use of antimicrobial agents
-  International Collaboration

World Organisation for Animal Health

An intergovernmental organisation preceding the United Nations





Structure

Headquarters in Paris (France)

5

Regional Representations



Sub-Regional Representations

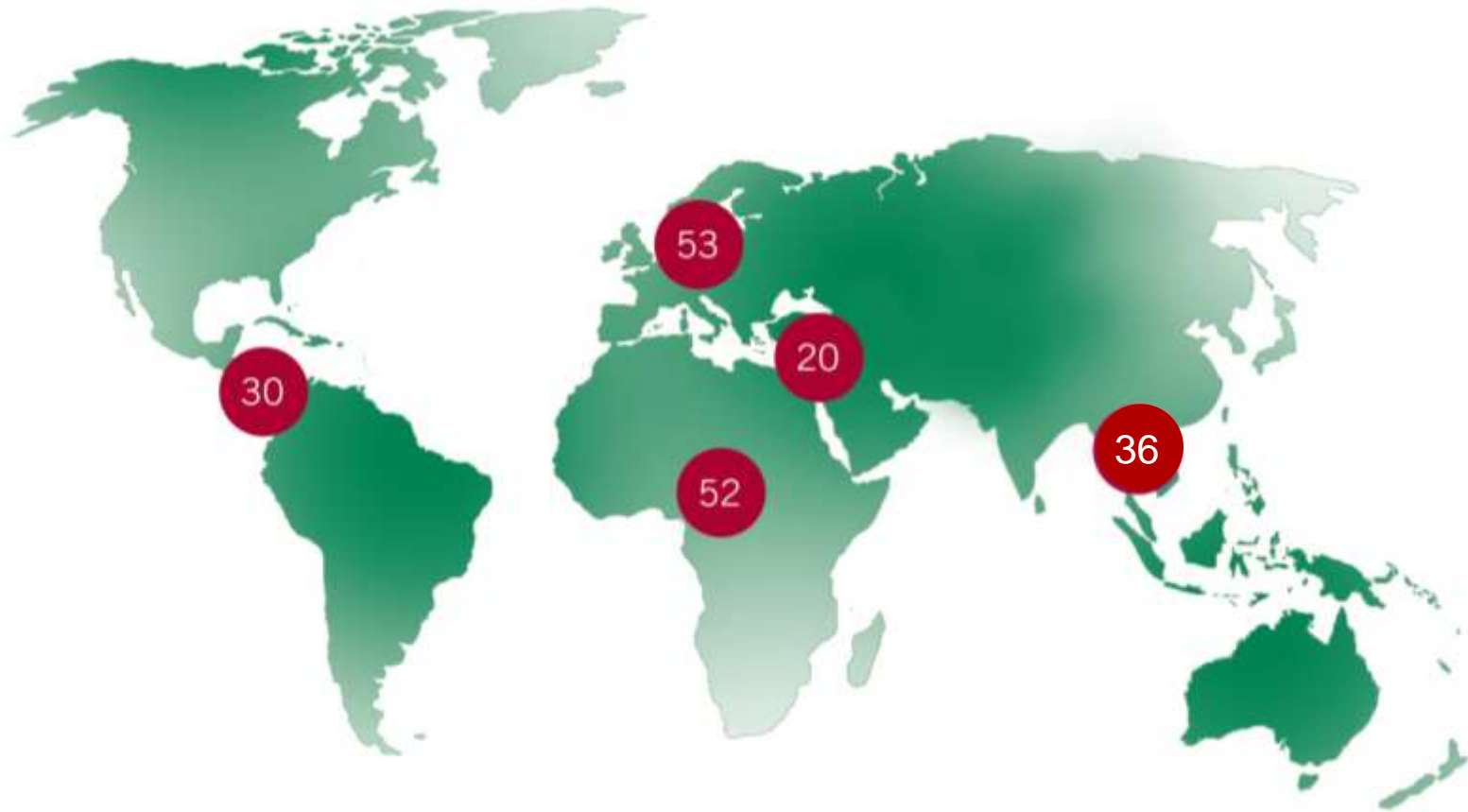
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Summary of the number of OIE Reference Laboratories and Collaborating Centres in June 2011

	Reference Laboratories	Collaborating Centres	Total
Number	225	40	265
Countries	37	21	42*
Diseases/ Topics	111	38	149
Experts	166	–	–

** Countries hosting both labs and Centres are not counted twice*

178 Members (2011)



Africa 52 – Americas 30 – Asia, the Far East and Oceania 36 – Europe 53 – Middle-East 20

Some countries belong to more than one region

The “three sisters”



Codex = Codex Alimentarius Commission (FAO/WHO)

OIE = World Organisation for Animal Health

IPPC = International Plant Protection Convention (FAO)

BACKGROUND

OIE antimicrobial resistance-related activities started more than a decade ago

1998 Debate at the General Session

1998 Recommendations from the OIE Commissions and OIE International Committee to set up an “International *ad hoc* Group”

to => To address: human and animal health risks related to antimicrobial resistance (AMR), and the contribution of antimicrobials usage in veterinary medicine.

2001 OIE International Conference on Antimicrobial resistance

2003 First guidelines and standards adopted

 **BACKGROUND****OIE antimicrobial resistance related activities**

In May 2009 Resolution No. XXV on veterinary products was adopted by the International Committee of the OIE

THE COMMITTEE RECOMMENDS THAT OIE MEMBERS

- **Nominate a national focal point** for OIE on matters related to **veterinary products ...**
- **Promote the responsible and prudent use of veterinary medicinal products, in particular of antimicrobials** used in veterinary medicine, and the monitoring of the potential existence or development of antimicrobial resistance.

AND THAT THE OIE

- Continue to **develop and update standards, guidelines and recommendations on** diagnostic tests, vaccines and veterinary drugs, including **antimicrobials**







The OIE Fifth Strategic Plan 2011–2015

Mentions explicitly the need to:

- Develop and **update standards, guidelines and recommendations on** diagnostic tests, vaccines and **veterinary drugs including antimicrobials**
- Integrate the relation between animal production and the environment: new sanitary and environmental risks need to be anticipated

Contents

-  Introduction
-  **OIE International Standards and Guidelines**
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OIE International Standards

- **OIE develops and publishes**

Health standards for the prevention and control of animal diseases as well as for the safe trade of animals and animal products

=> ***Codes***

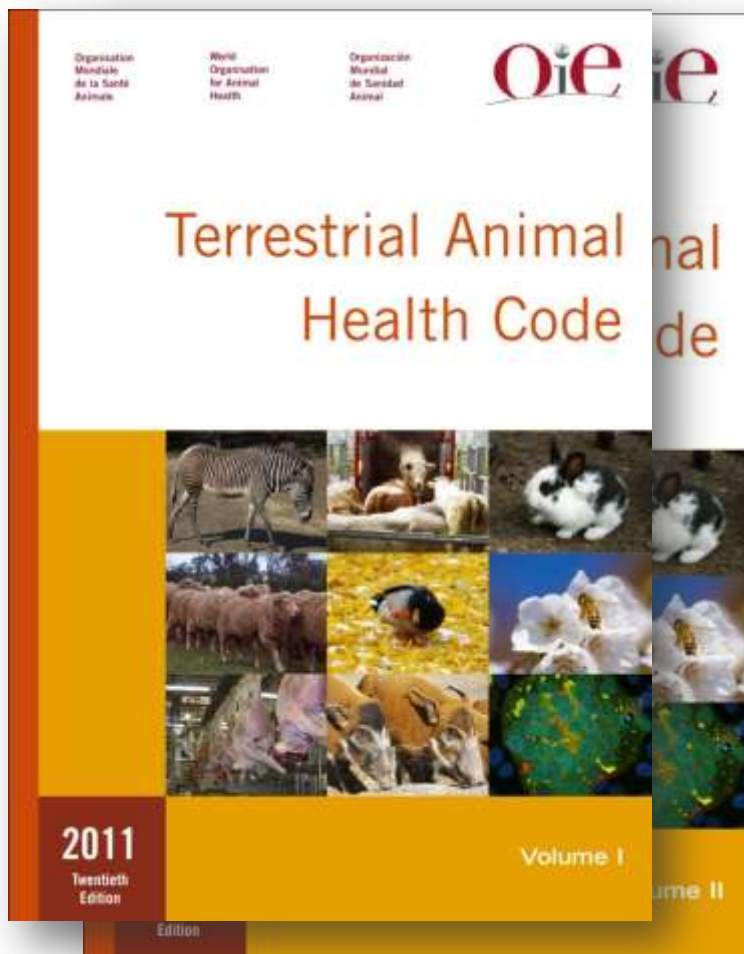
Biological standards for diagnostic tests and vaccines

=> ***Manuals***

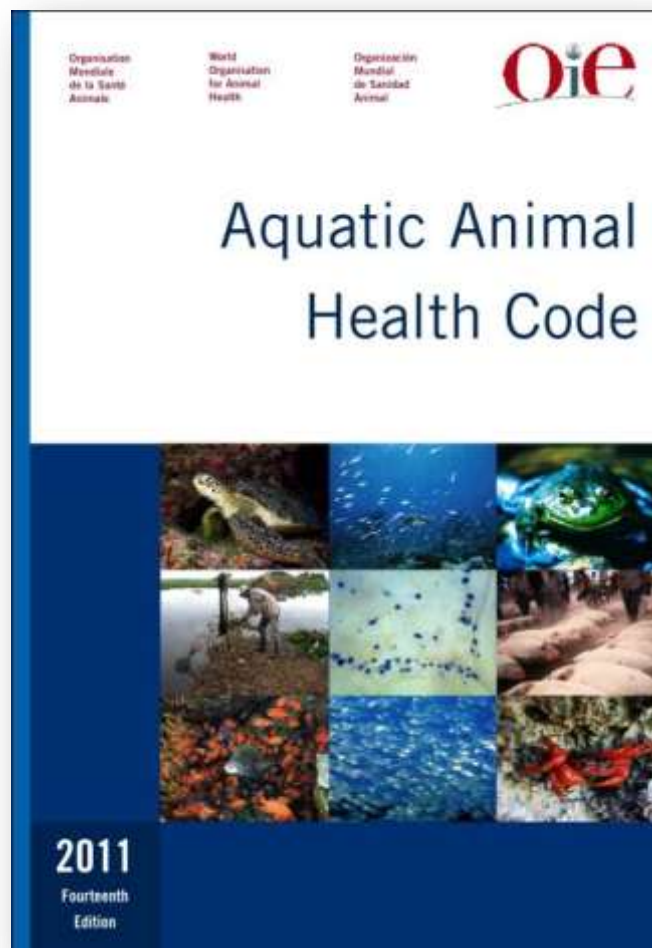
- **Adopted by OIE Member Countries** during the General Session each May by consensus

Developed using a science-based approach

OIE International Standards

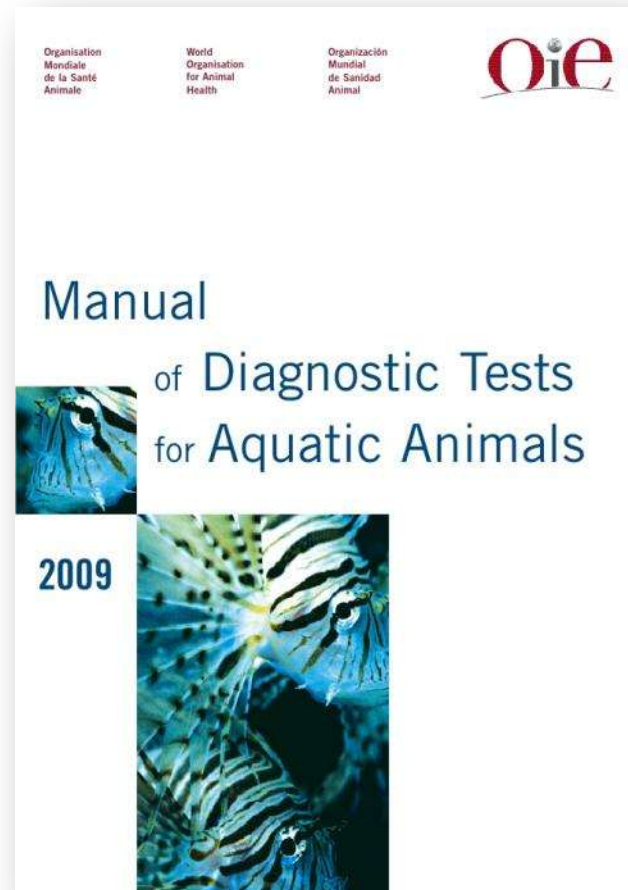
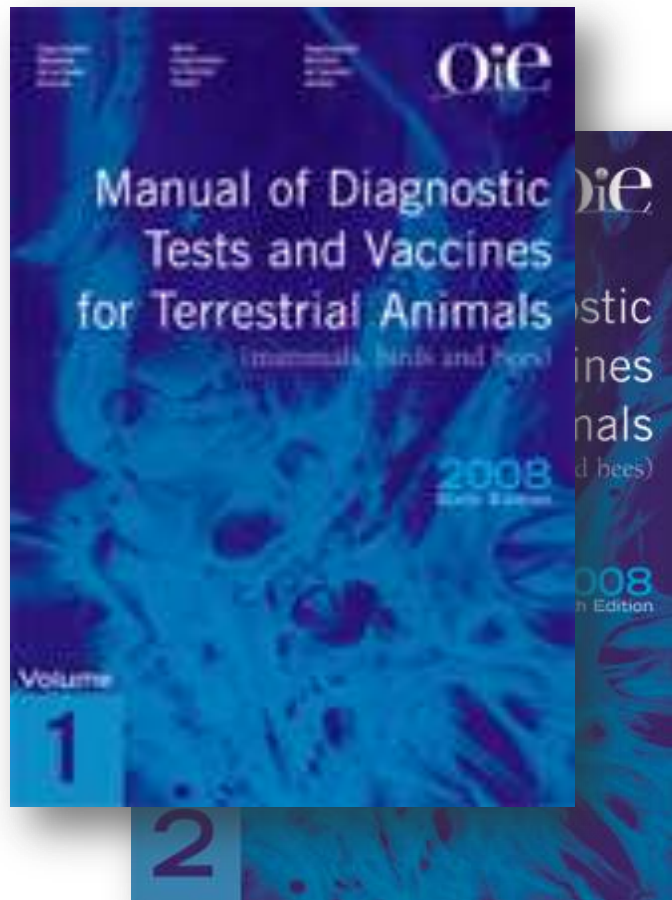


<http://www.oie.int/en/international-standard-setting/terrestrial-code/>



<http://www.oie.int/en/international-standard-setting/aquatic-code/>

OIE International Standards



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

<http://www.oie.int/en/international-standard-setting/aquatic-manual/>



Terrestrial Animal Health Code

<http://www.oie.int/en/international-standard-setting/terrestrial-code/>

- Section – 6: Veterinary Public Health
 - **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 of antimicrobials used* in animal husbandry
 - *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



Ad hoc Group on antimicrobial resistance

- Updated at the **ad hoc Group meeting** in November 2010 and sent for Member Country comments:
 - Chapter 6.7. Harmonisation of national antimicrobial resistance surveillance and monitoring programmes
 - Chapter 6.8. Monitoring of the quantities and usage patterns of antimicrobial agents used in food producing animals
- Updated in June 2011; will be sent for Member comments
 - Chapter 6.9. Responsible and prudent use of antimicrobial agents in veterinary medicine
- To be updated at a meeting scheduled for December 2011
 - Chapter 6.10. Risk assessment for antimicrobial resistance arising from the use of antimicrobials in animals

Manual of Diagnostic Tests and Vaccines for Terrestrial Animals



- Volume 1 - Chapter 1.1.6.
 - Laboratory methodologies for bacterial antimicrobial susceptibility testing

http://www.oie.int/fileadmin/Home/eng/Health_standards/tahm/1.1.06_ANTIMICORBIAL.pdf

Currently under review



Aquatic Animal Health Code

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

● **Section 6. Veterinary public health**

- Chapter 6.2. Introduction to the recommendations for controlling antimicrobial resistance
- Principles for responsible and prudent use of antimicrobial agents in aquatic animals
- Adopted by the 178 OIE Members at the 79th General Session in May 2011 for inclusion in the Aquatic Code.
- Chapters on monitoring and risk assessment are under development



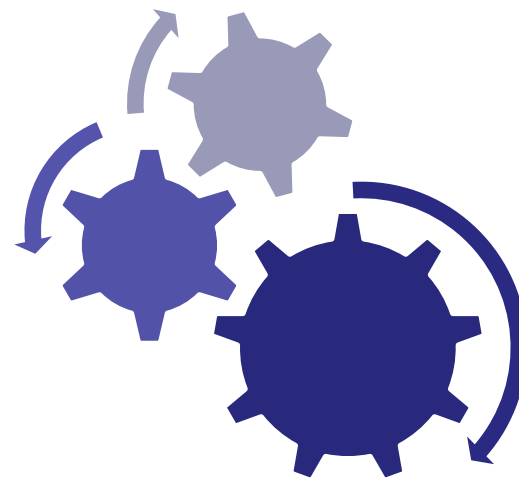
List of Antimicrobials of Veterinary Importance

- **OIE LIST OF ANTIMICROBIALS OF VETERINARY IMPORTANCE** adoption at the 75th General Session in May 2007
- **Resolution No. XXVIII**
(http://web.oie.int/downld/Antimicrobials/OIE_list_antimicrobials.pdf)


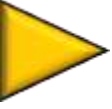


Update planned for 2012

OIE activities for the implementation of standards

- Support to Veterinary Services and Laboratories
- Modernisation or update of legislation
- **Capacity building**



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-  **Capacity building to promote prudent use of antimicrobial agents**
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Capacity building

- The OIE has launched a global **programme of capacity building for OIE Delegates and OIE National Focal Points.**
- The aim of this programme is:
 - to provide good governance concepts
 - to explain and clarify the role and responsibilities of Delegates and Focal Points
 - and to facilitate, when possible, consistency and harmonisation amongst OIE Member Countries



OIE National Focal Points for Veterinary Products

- Delegates were requested to nominate focal points for:
 - Animal disease notification
 - Wildlife
 - Aquatic animal diseases
 - Animal welfare
 - Animal production food safety
 - **Veterinary products**
- Responsibilities of focal points are under the authority of the OIE Delegate
- Enable the OIE Delegate to more efficiently manage his/her OIE Member Country obligations



OIE National Focal Points for Veterinary Products

- Terms of Reference (ToRs) for focal points
 - Established by OIE Headquarters for all focal points
- Specific ToRs on Veterinary Products
 - Developed in consultation with the OIE Collaborating Centre for Veterinary Medicinal Products, AFSSA (now Anses) Fougères, France
- Sent to all Delegates in March 2009



Terms of Reference for OIE National Focal Points on Veterinary Products

- Establish a network of veterinary product experts within his/her country or communicate with existing network;
- Establish a dialogue, cooperation and communication with Competent Authority for veterinary products and relevant authorities;
- Monitor legislation on and control of veterinary products to ensure that these are in support of OIE international standards, guidelines and recommendations;

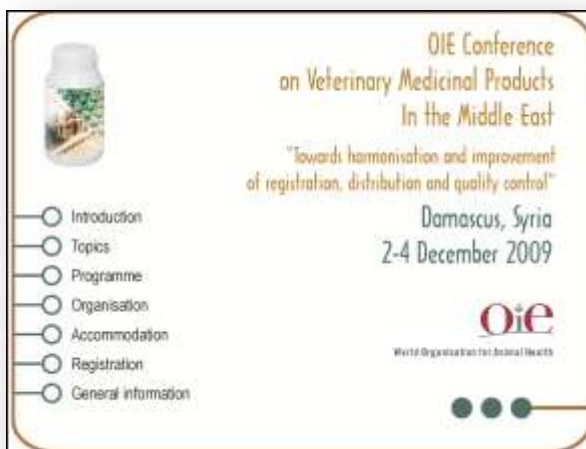


Terms of Reference for OIE National Focal Points on Veterinary Products

- **Act as a contact point with the OIE** on matters related to veterinary products;
- **Receive reports** of the **VICH** activities and copies of the reports of the **Biological Standards Commission** and other relevant reports and conduct an in-country consultation process;
- **Prepare comments for the Delegate** on relevant meeting reports, including comments on the proposals for new or revised **OIE standards related to Veterinary Products**.

Capacity building

OIE Conference on Veterinary Medicinal Products in Africa
Dakar (Senegal), 25–27 March 2008



OIE Conference on Veterinary Medicinal Products in the Middle East Damascus
(Syria), 2–4 December 2009



Capacity building

- Regional Training Workshops of OIE National Focal Points for Veterinary Products (first cycle completed)
 - Europe: 26 to 28 July 2010, Serbia
 - Americas: 20 to 22 September 2010, Colombia
 - Africa: 23 to 25 November 2010, South Africa
 - Asia-Pacific: 28 to 30 June 2011, Cambodia
-  Covers all main subjects on authorisation, surveillance, distribution, use and control of veterinary products



Capacity building

- Regional Training Workshops of OIE National Focal Points for Veterinary Products (second cycle)
 - Senegal: September 2011
 - Morocco: December 2011
 - Asia: July 2011 (to be confirmed)
 - Americas: October 2012 (to be confirmed)
 - Europe: 2012 (to be scheduled)

 **Antimicrobial resistance is one of the main items**



Next steps


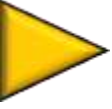


26-28 Septembre 2012

OIE will host a Symposium on *Alternatives to Antibiotics in Animal Health: Challenges and Solutions* organised by IABS (International Alliance for Biological Standardization)

13-15 March 2013

OIE will organise an International Conference on the use of antimicrobials in Paris, France

Contents

-  Introduction
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OIE Reference Laboratories and Collaborating Centers

225 OIE Reference Laboratories and 40 Collaborating Centres:

- **Three Collaborating Centres relevant for Veterinary Medicinal Products**
 - Anses, Agence nationale du médicament vétérinaire, Fougères, FRANCE
 - National Veterinary Assay Laboratory (NVAL)
Tokyo, JAPAN
 - Food and Drug Administration's Center for Veterinary Medicine, USA
- **One Reference Laboratory on Antimicrobial Resistance**
 - VLA Weybridge, UNITED KINGDOM

International collaboration

International meetings on antimicrobial resistance:

- Joint FAO/WHO/OIE expert consultations since 2003

Codex *ad hoc* Intergovernmental Task Force on Antimicrobial Resistance:

- Republic of Korea – 2007, 2008, 2009, 2010
<http://codextfamr.kfda.go.kr/eng/index.html>
- OIE participated as an observer





VICH

Veterinary International
Conference on Harmonisation
of Technical Requirements
for Registration of Medicinal Products



- International cooperation programme: USA-JAPAN-EU (+ AUS/NZ + Canada: observers)
- **OIE associated member**
- **Supports global outreach**
- Discussion forum for Regulatory Authorities + Industry

International Collaboration

- Considering that **antimicrobial resistance is a global, multidisciplinary issue**, the OIE is continually renewing and strengthening **collaboration with WHO and FAO, and Member Countries**. This close cooperation, will help to obtain the benefits of synergies amongst the different organisations.



International Collaboration

World Health Day, 7 April 2011 on antimicrobial resistance

- Participation of the OIE Director General of the World Organisation for Animal Health (OIE):

“The OIE, World Organisation for Animal Health strongly support the call made by Dr Margaret Chan, Director General of the World Health Organization (WHO) for combating antimicrobial resistance worldwide”



International Collaboration

OIE/FAO/WHO technical *ad hoc* Group on Collaborative Activities on Antimicrobial Resistance:

- First meeting: October 2009; OIE Headquarters
- Second meeting: August 2011; WHO Headquarters



International Collaboration

- Find common areas for cooperation and maintain good communication between FAO, OIE and WHO in this field
- Participation of FAO and WHO in a the OIE *ad hoc* Group on antimicrobial resistance
- WHO participates to trainings of OIE focal points on veterinary products
- Proposals for short, medium and long term work plans





Conclusion

OIE is promoting a coherent strategy on veterinary products:

- Development and updating of international standards and guidelines
- Support to Veterinary Services and laboratories
- Modernisation or updating of national legislation
- Communication and capacity building

OIE is strengthening its involvement in the field in collaboration with FAO and WHO

Thank you for your attention



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de la santé animale

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