



Organisation Mondiale de la Santé Animale
 World Organisation for Animal Health
 Organización Mundial de Sanidad Animal

OIE Expertise

OIE Regional Information Workshop for Recently Appointed Delegates

9 – 12 March, Gaborone, Botswana

Gideon Brückner
President: OIE Scientific Commission for Animal Diseases



Topics of the presentation

- **Specialist Commissions**
 - Working Groups
 - *Ad hoc* Groups
 - Reference Laboratories
 - Collaborating Centres
 - Laboratory Twinning procedure
 - OFFLU
 - Expert missions to countries



OIE Specialist Commissions

- *The Terrestrial Animal Health Standards Commission* (**"Terrestrial Code Commission"**)
- *The Scientific Commission for Animal Diseases* (**"Scientific Commission", "SCAD"**)
- *The Biological Standards Commission* (**"Laboratories Commission"**)
- *Aquatic Animal Health Standards Commission* (**"Aquatic Animals Commission"**)




OIE Specialist Commissions

Members of the Commissions (from all OIE regions), are elected by the World Assembly of Delegates for a period of 3 years

Their role:

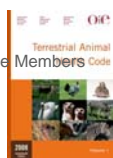

- to use scientific information to study problems of prevention and control of animal diseases,
- to develop and revise OIE's international standards,
- to address scientific issues raised by OIE Members,



Terrestrial Code Commission (1/2)



http://www.oie.int/tahsc/eng/en_tahsc.htm

- Ensures that the *Terrestrial Code* reflects current scientific information,
- President, Vice-President, Secretary General and three Members (experienced in regulatory veterinary science),
- meets twice yearly to address its work programme,
- works with internationally renowned specialists to prepare draft texts for new articles for the *Terrestrial Code* and to revise existing articles

Terrestrial Code Commission (2/2)

- collaborates closely with the other Specialist Commissions on issues needing a harmonised approach,
- supported by the Scientific and Laboratories Commissions to ensure that the Commission uses the latest scientific information in its work,
- reviews comments of OIE Delegates and others on circulated draft and revised texts and proposes final texts for adoption at General Sessions.

Scientific Commission (SCAD)

http://www.oie.int/scad/eng/en_scad.htm

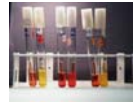


- President, Vice-President, Secretary General and three Members (acknowledged scientists),
- responsible to provide scientific rationale and justification for the formulation of OIE standards on terrestrial animal diseases, including emerging diseases,
- assist in identifying the most appropriate strategies and measures for disease prevention, surveillance, control and eradication,
- examine OIE Member applications regarding their animal health status for official OIE recognition: FMD, BSE, Rinderpest, CBPP,
- Manage and guide the activities of the Working group on Wildlife Diseases
- provides up-to-date scientific information to the Director General and the other Specialist Commissions, in consultation with scientists, experts and *ad hoc* Groups,
- Conduct expert missions on disease status to countries when necessary
- meets twice yearly.

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Biological Standards Commission

http://www.oie.int/bsc/eng/en_bsc.htm



- President, Vice-President, Secretary General and three Specialist Members,
- establishes and approves methods for diagnosing diseases and for testing biological products, such as vaccines, used for control purposes and for international trade in terrestrial animals,
- edits and oversees the production of the [Manual of Diagnostic Tests and Vaccines for Terrestrial Animals \(the "Terrestrial Manual"\)](#),
- reviews applications for OIE Reference Laboratory and Collaborating Centre status for diseases and topics relating to terrestrial animal health, and facilitates and works with the network of Ref. Labs and Collaborating Centres to achieve OIE's mandate and twinning of laboratories,
- promotes preparation and distribution of standard reagents for diagnostic testing.

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Aquatic Animals Commission

http://www.oie.int/aac/eng/en_fdc.htm



- President, Vice-President, Secretary General and three Specialist Members
- compiles information on diseases of amphibians, crustaceans, fish and molluscs,
- analyses and establishes methods for diagnosing and controlling aquatic animal diseases,
- produces the [Aquatic Code](#) and the [Aquatic Manual](#).
- works in collaboration with the Terrestrial Code Commission on issues needing a harmonised approach,

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OIE Working Groups

OIE permanent Working Groups are responsible for reviewing developments in their fields, and for keeping OIE Members informed through the relevant Specialist Commissions of current issues through scientific meetings or seminars.

Three Working Groups are currently operating:

- **Wildlife Diseases**
- **Animal Welfare**
- **Animal Production Food Safety**



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OIE Working Groups

- formed by decision of the Assembly (recommendation by the DG) including a president, a rapporteur and a maximum of six members,
- members nominated by the DG for 3 years (renewable),
- established for an indefinite period in order to cover the technical or scientific topic specified.

Role:

- collect, analyse, disseminate and assess progress in knowledge within the sphere of their competence, to resolve problems raised by OIE Members,
- inform the DG and advise Specialist Commissions
- the Group Chair makes an annual report to the General Session

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OIE Working Group on Animal Welfare

- ✓ Already developed standards on:
 - land, sea and air transport,
 - slaughter for human consumption,
 - killing for disease control purpose,
 - stray dog population control,
- ✓ At this time the Group is working on:
 - laboratory animal welfare,
 - animal welfare and livestock production systems,



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Animal Production Food Safety

Work programme taking account of food safety priorities and work of relevant international organisations (Codex)

- Antimicrobial resistance,
- Food borne zoonoses,
- Certification,
- Biotechnology – animals and products,



- priority pathogens for standard setting by the OIE,
- terrestrial and aquatic animal feed,
- Salmonellosis in poultry

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OIE

OIE Working Group on Wildlife diseases

- inform and advise the OIE on all health problems relating to wild animals (in the wild or in captivity),
- assist the OIE to receive, record, and interpret information on wildlife disease occurrence from official sources through WAHIS
- update recommendations on the surveillance and control of the most important specific wildlife diseases,
- assist OIE to incorporate wildlife appropriately in its educational and scientific programs and publications
- new approach, specific recommendations for the work of SCAD and for the update of relevant chapters of the *Terrestrial Code* or *Manual*,



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OIE

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OIE ad hoc Groups

- are convened on request of Specialist Commissions and as required by the Director General of the OIE to examine specific scientific and technical issues,
- comprising leading specialists from OIE Members,
- their reports serve as guidance to the Specialist Commissions and the World Assembly of Delegates in forming recommendations and making decisions,



- Official disease status recognition (FMD, CBPP, Rinderpest, BSE),
- Evaluation of veterinary services,
- Validation of diagnostic assays,
- Private standards
- Notification of Terrestrial Animal Disease/Pathogenic Agents
- Many others...

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OIE

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OIE

OIE laboratory expertise

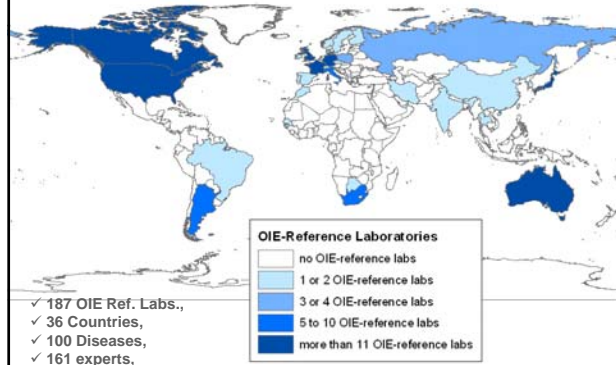


OIE Reference Laboratories – expertise in surveillance and control of a named disease

OIE Collaborating Centres – expertise in a specific designated sphere of competence e.g. epidemiology, emerging avian diseases, zoonoses, veterinary medicinal products

World Distribution of the OIE- Reference Laboratories

List of OIE Reference Lab. : http://www.oie.int/eng/OIE/organisation/en_listeLR.htm



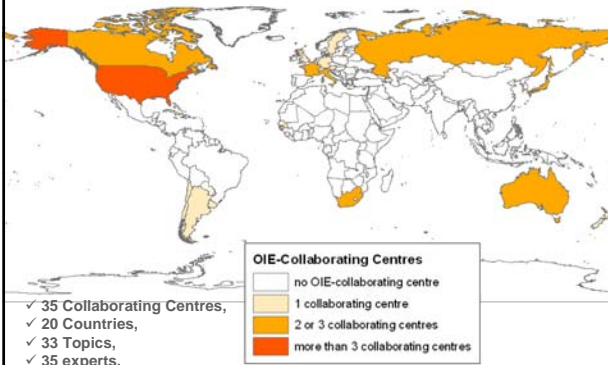
General activities of OIE Reference Laboratories	Percentage of Laboratories carrying out these activities
1 Test(s) in use/or available for the specified disease	100%
2 Production and distribution of diagnostic reagents	86%
Specific OIE activities	
3 International harmonisation/standardisation of methods	68%
4 Preparation and supply of international reference standards	59%
5 Research and development of new procedures	88%
6 Collection, analysis and dissemination of epidemiological data	68%
7 Provision of consultant expertise	66%
8 Provision of scientific and technical training	66%
9 Provision of diagnostic testing facilities	52%
10 Organisation of international scientific meetings	37%
11 Participation in international scientific collaborative studies	66%
12 Presentations and publications	83%

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World Distribution of the OIE- Collaborating Centres

List of OIE CCs: http://www.oie.int/eng/OIE/organisation/en_listeCC.htm



General activities of OIE Collaborating Centres	Percentage of Collaborating Centres carrying out these activities
1 Activities as a centre of research, expertise, standardisation and dissemination of techniques	92%
2 Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the surveillance and control of animal diseases, food safety or animal welfare	71%
3 Placement of expert consultants at the disposal of the OIE	75%
Specific OIE activities	
4 Provision of scientific and technical training within to personnel from OIE Member Countries and Territories	79%
5 Organisation of scientific meetings on behalf of the OIE	46%
6 Coordination of scientific and technical studies in collaboration with other laboratories or organisations	79%
7 Publication and dissemination of information	92%

Summary of information on OIE Reference Laboratories and Collaborating Centres in 2009

	Reference Laboratories	Collaborating Centres	Total
Number	187	35	222
Countries	36	20	41
Diseases/ Topics	100	33	133
Experts	161	35	196

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- **Laboratory twinning initiative**
- OFFLU

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OIE Laboratory Twinning Programme

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Each Twinning Project..

- Is a **link** between OIE Reference laboratory or Collaborating Centre (**Parent**) and national laboratory (**Candidate**).
- Aims to improve expertise and diagnostic capacity with eventual aim of providing support within the region and reaching OIE standards.
- Must be sustainable when twinning arrangement is terminated

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Extending the network of OIE capacity, expertise and standards through Twinning

- To provide better global geographical coverage.
- To provide regional support.
 - **need for a new approach to international spread of diseases**
- Improved access for more countries to high quality diagnostics and expertise.
 - **for negotiations, certifications, justification of standard setting**
- To provide better coverage in developing and transition countries.
 - **+ 70% of the 175 OIE Members: developing/transitional countries**

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Expertise to allow Members to

- Readily apply guidelines and standards of OIE.
- To develop science-based policies.
- Debate OIE scientific justification for standards on an equal footing with other Members (better representation).



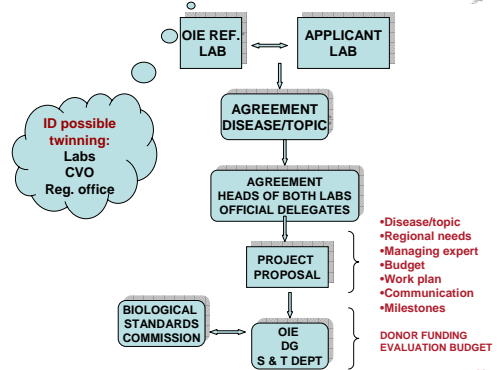
Twinning Guide and Project Template/Contract

http://www.oie.int/downld/LABREF/A_Guide.pdf

- Background
- How to apply/proposal
- Basic project management
- Project plan (objectives, stages)
- Regular monitoring
- Facilitates efficient applications
- Formalises agreement



Twinning process



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Twinning projects active and underway

- Italy - Russia; avian influenza and Newcastle disease
- USA – Brazil avian influenza and Newcastle disease
- Germany - Egypt; avian influenza and Newcastle disease
- Italy - Cuba; avian influenza and Newcastle disease
- UK - South Africa; avian influenza and Newcastle disease
- UK - Botswana; avian influenza and Newcastle disease
- UK - China; CSF and rabies
- Italy - Eritrea; brucellosis
- UK – Turkey brucellosis
- Italy - Cuba; epidemiology
- Italy - Botswana; CBPP
- UK - Morocco; bluetongue and African horse sickness
- Germany - Turkey; rabies



OFFLU is the joint OIE – FAO network of expertise on animal influenza



OFFLU Objectives

1. To exchange scientific data and biological materials (including virus strains) within the network, to analyse such data, and to share the information with the wider scientific community
2. To offer technical advice, training, and veterinary expertise to OIE and FAO Members to assist in the prevention, diagnosis, surveillance, and control of avian influenza
3. To collaborate with the WHO influenza network on issues relating to the animal-human interface, including early preparation of human vaccine
4. To highlight avian influenza research needs, promote their development and ensure co-ordination.



The ANIMAL – HUMAN Interface

Agreed strategy from the outset:

“to tackle avian influenza at source”





Expert missions to Member countries

- To assess maintenance of disease status
- To help countries in setting up control measures for zoning
- To assess status of laboratory services
- To help with setting up control measures for disease outbreaks (Collaboration with FAO – CMC, WHO and others)
- To assess programs for future disease control strategies



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OIE Website (www.oie.int)

- Animal Disease cards - now online – USDA
- Summary disease cards
- Other disease info – PRRS, Avian influenza, Camelid diseases
- Dedicated disease sites – FMD, AI
- Country disease status
- WAHIS
- Press releases

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The OIE - a global partner in the promotion of animal health and expertise



FAO/OIE Crisis Management Center

Thank you for your attention

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