

Brief Introduction to OIE Reference Centres

AAVS-OIE-UGM Session during ICAVESS

**Collaboration between veterinary education establishments and
international organizations in Asia**

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Organisation
Mondiale
de la Santé
Animale

World
Organisation
for Animal
Health

Organización
Mundial
de Sanidad
Animal

Global Presence of the OIE



OIE Reference Centres Network

- A **network of expertise** that could provide advice and support on **technical and scientific matters related to animal health and welfare**
- Ensures that standards, guidelines and recommendations of the OIE are scientifically sound and up-to-date
- International points of reference for disease diagnosis, prevention and control
- Constitutes the **central core of the OIE's scientific excellence**

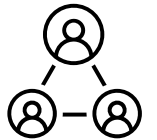


Overview of Reference Centres

An OIE Reference Centre is designated either as:

- **OIE Reference Laboratory:** function as a world reference centre of expertise on **designated pathogens or diseases**
- **OIE Collaborating Centre:** function as a world centre of **research, expertise, standardisation of techniques and dissemination of knowledge on a specialty** relating to the management of general questions on animal health issues

E.g., zoonotic disease, animal welfare, veterinary products





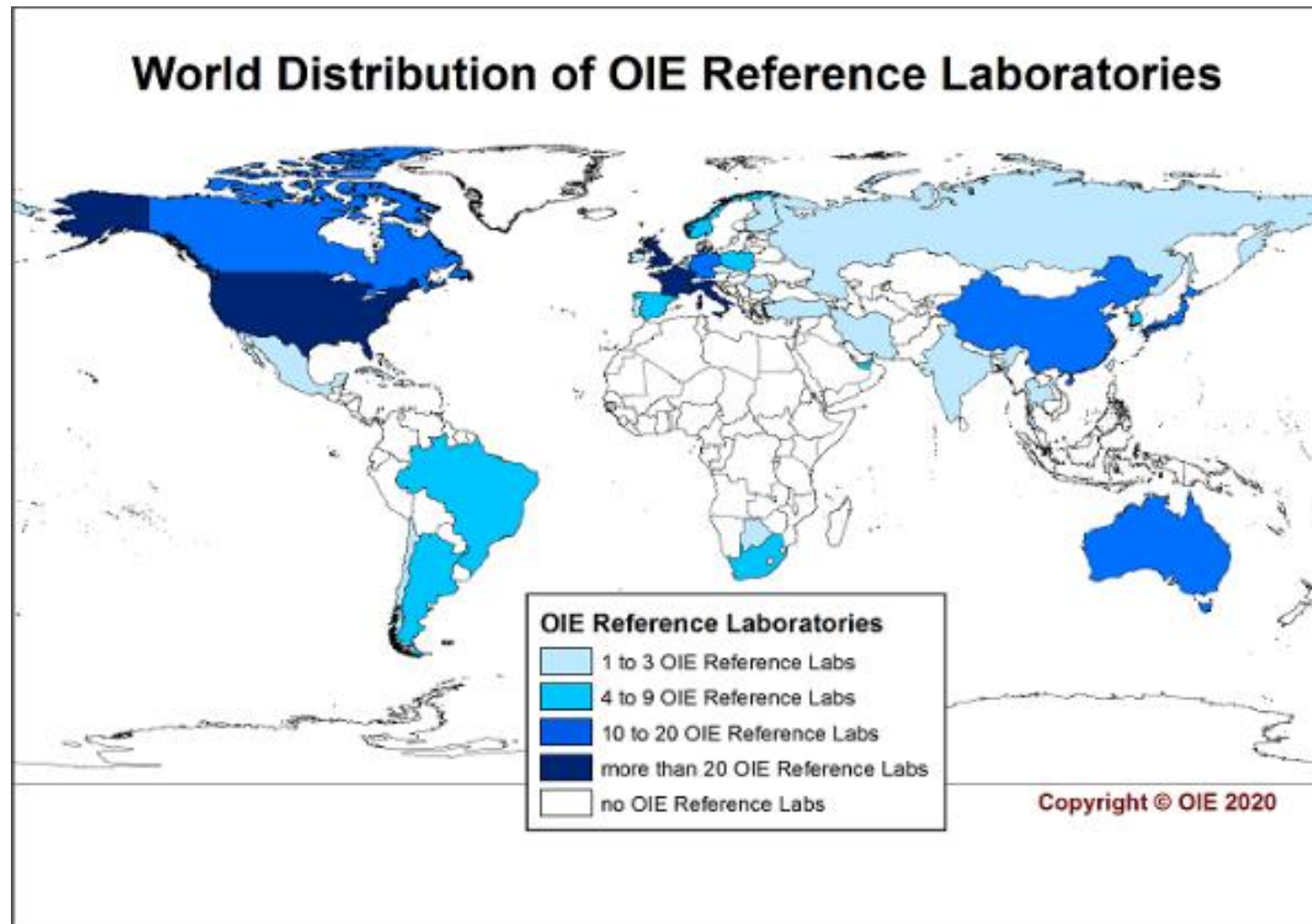
- Under responsibility of **an expert**
- Activities:
 - Develop, perform and validate **diagnostic tests**
 - Store and distribute **reference reagents**
 - Conduct laboratory **proficiency tests** of samples from other Members' laboratories
 - Organise technical and scientific **training** for Member Countries
 - Coordinate **technical** and **scientific** studies

Reference Laboratories (Expert Centres for animal diseases)



261 Reference laboratories in 37 countries/territories covering **110** diseases

Asia: **45** Reference laboratories





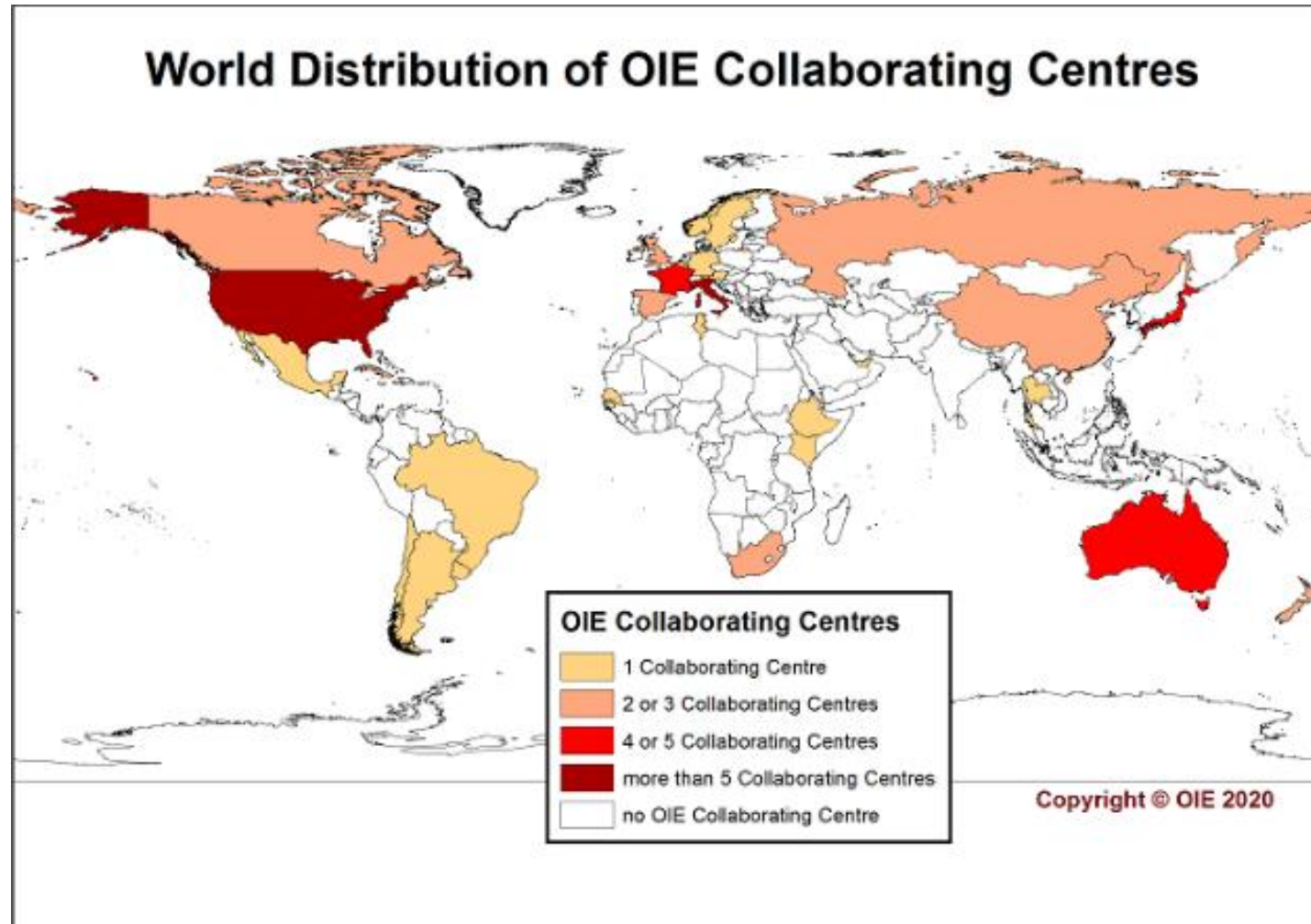
Activities:

- Contribute to **development of procedures** to update and promote OIE international standards and guidelines
- Coordinate **scientific studies**
- Provide technical **training**
- Organise **scientific meetings** in collaboration with or on behalf of OIE

Collaborating Centres (Centres of excellence on horizontal topics)



62 Collaborating Centres in **30** countries/territories covering **36** topics
Asia: **8** Collaborating Centres (some are joint)





Bovine babesiosis | Equine piroplasmosis | Surra (Trypanosoma evansi)

- National Research Center for Protozoan Disease, Obihiro University of Agriculture and Veterinary Medicine, Japan

HPAI and LPAI (poultry)

- Research Center for Zoonosis Control, Hokkaido University, Japan

Rabies

- Rabies Diagnostic Laboratory, Veterinary College, Karnataka Veterinary, animal and Fisheries Sciences University, India

Swine streptococcosis

- Laboratory for Swine Streptococcosis, College of Veterinary Medicine, Nanjing Agricultural University, China



Food Safety (consortium of 3 institutes)

- Research Center for Food Safety, University of Tokyo, Japan
- School of Veterinary Medicine, Rakuno Gakuen University, Japan

Food-borne Parasites from Asia-Pacific Region

- Institute of Zoonosis, College of Veterinary Medicine, Jilin University, China

Surveillance and Control of Animal Protozoan Diseases

- National Research Center for Protozoan Disease, Obihiro University of Agriculture and Veterinary Medicine, Japan

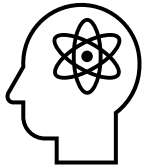
Veterinary Services Capacity Building

- Veterinary Public Health and Food Safety Centre, Faculty of Veterinary Medicine, Chiang Mai University, Thailand

Opportunities

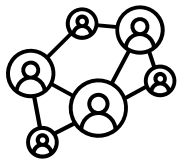
- **Play crucial role for OIE and its Members**

- Essential role in prevention, detection and control of animal diseases
- Supports OIE in establishment of standards
- Strengthens OIE capability to respond to new challenges



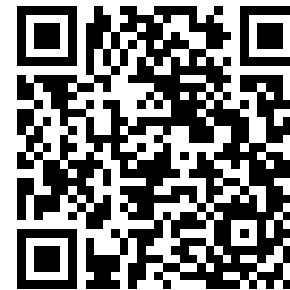
- **Become part of network of expertise**

- OIE is committed to ***expanding and strengthening this network of expertise***



- Please visit our website for more information

<https://www.oie.int/en/scientific-expertise/overview/>





Thank you for your attention

For more information: <https://www.oie.int/en/>

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