

OIE Laboratory Twinning

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OIE global Reference Laboratory network

International Standards

Technical advice

Early detection

Surveillance

Confirmatory
diagnosis

Research

Food safety

Reagent production

Biosafety and biosecurity



OIE laboratory expertise

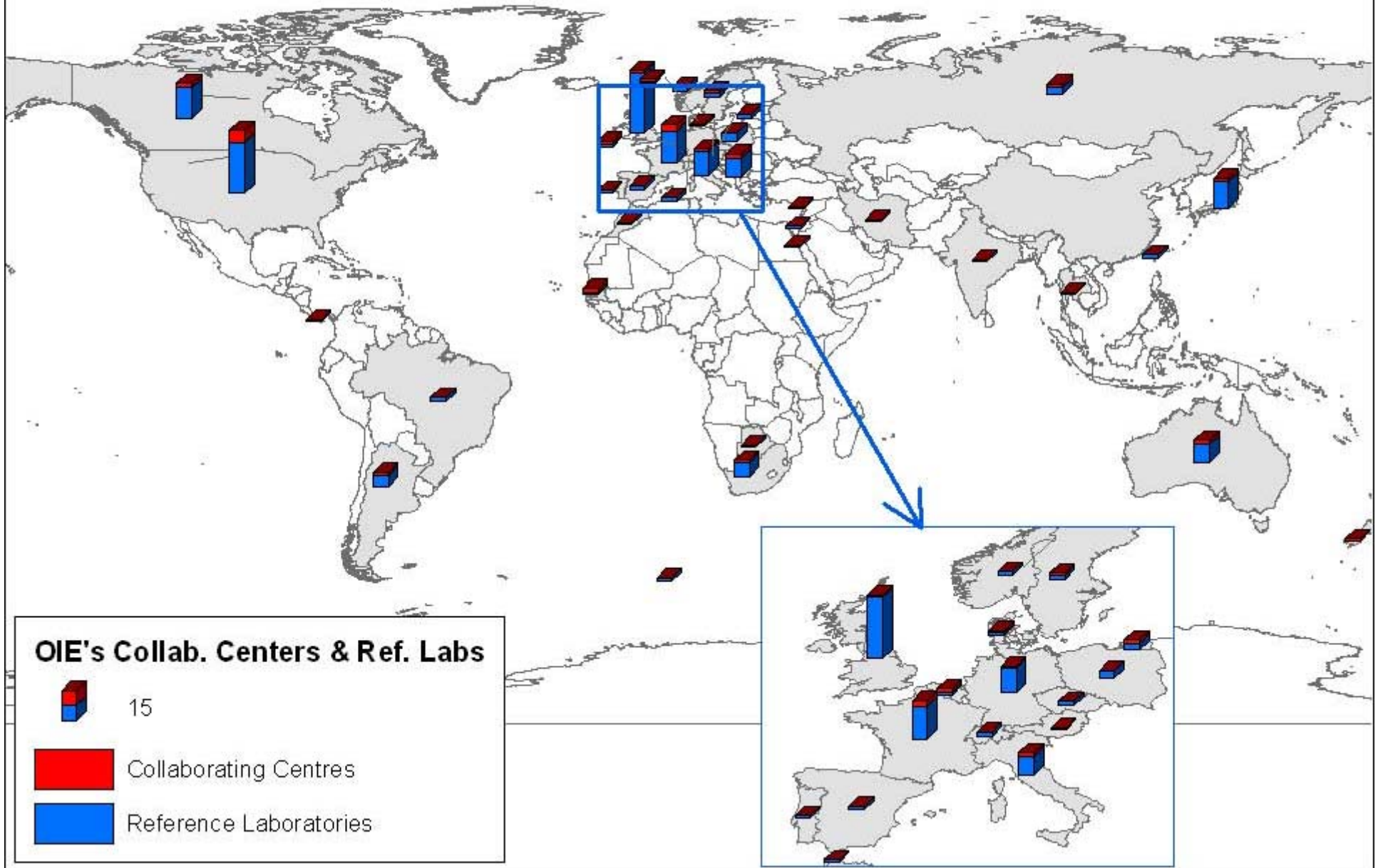


- OIE Reference Laboratories – expertise in surveillance and control of a named disease
- OIE Collaborating Centres – expertise in a specific designated sphere of competence e.g. epidemiology, emerging avian diseases, zoonoses, veterinary medicinal products

Expertise allows members to

- Detect disease early and control it rapidly
- Readily apply guidelines and standards of OIE
- Develop science-based policies
- Debate OIE scientific justification for standards on an equal footing with other Members (better representation)
- Develop and sustain scientific communities

World Distribution of the OIE's Collaborating Centres and Reference Laboratories



Extending the network of capacity, expertise and standards through Twinning

- To provide regional support for diseases and topics that are a priority in that region
- To provide better global geographical coverage
- To provide better coverage in developing and transition countries
- Ultimately to provide improved access for more countries to high quality diagnostics and expertise

Each Twinning Project..

- Aims to improve expertise and diagnostic capacity to meet OIE standards
- Should be sustainable once the project is over
- Some Candidate labs may eventually apply for OIE Reference Laboratory status when they are able to meet the mandate

Mandate of OIE Reference Labs

- to function as a centre of expertise and standardisation for a designated disease(s) or topics;
- to store and distribute to national laboratories biological reference products and any other reagents used in the diagnosis and control of the designated disease(s) or topics;
- to develop new procedures for diagnosis and control of the designated disease(s) or topics;
- to gather, process, analyse and disseminate epizootiological data relevant to their speciality;
- to place expert consultants at the disposal of the Office International des Epizooties

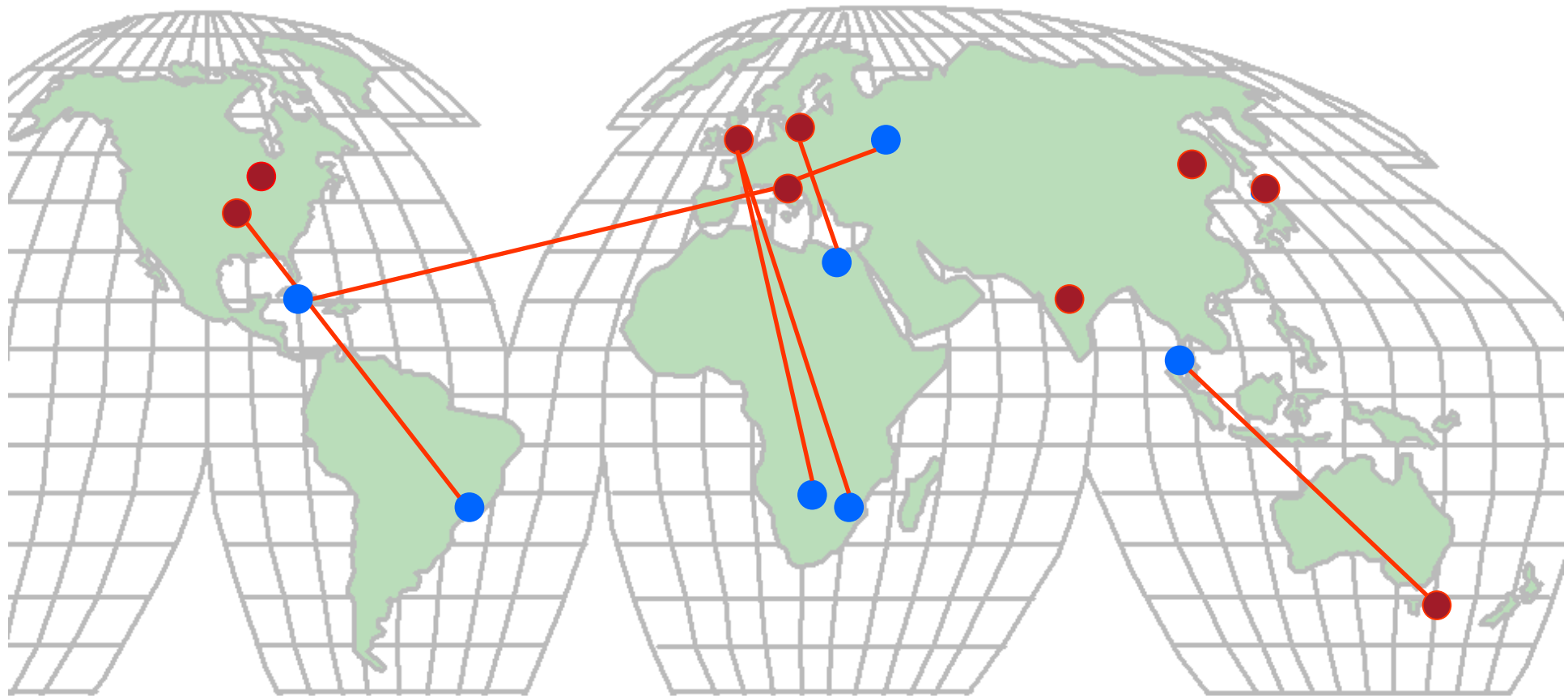
Mandate of OIE Reference Labs

- provision of scientific and technical training for personnel from Member Countries of the Office;
- provision of diagnostic testing facilities to Member Countries:
- In the case of results that are confirmed positive for diseases that are reportable to OIE, the Reference Laboratory should immediately inform the OIE Delegate of the Member Country from which the samples originated as well as the OIE Central Bureau;
- organisation of scientific meetings on behalf of the Office;
- coordination of scientific and technical studies in collaboration with other laboratories or organisations;
- publication and dissemination of any information in their sphere of competence which may be useful to Member Countries of the Office.

OIE support

- For exchange of knowledge, experience and expertise
- Costs of travel, workshops, training materials
- Not laboratory hardware or consultancy fees
- Costs directly related to objectives of the twinning project
- Cooperation with other capacity building programmes to ensure coordination

OIE lab twinning for avian influenza and Newcastle disease



- OIE Reference Labs
- Candidate Labs

So far...

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

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