

Oie Regional Representation for Africa

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For the full list of OIE Collaborating Centres worldwide, please visit www.oie.org

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OIE fit for purpose validation (2008) **Oie**

Disease	Name of the Diagnostic kit	Name of the Manufacturer
Rabies	Platelia Rabies II	Bio-Rad
Avian Influenza	BioChek Avian Influenza Antibody test kit	BioChek UK Ltd
White spot disease	IQ 2000 TM WSSV Detection and Prevention System	GeneReach Biotechnology Corp
Bovine spongiform encephalopathy	Prionics AG - Check WESTERN	Prionics AG

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Bovine / Transmissible spongiform encephalopathies	Prionics AG - Check WESTERN TeSeE WESTERN BLOT	Prionics AG Bio-Rad



The OIE "twinning programme"



Any "twinning agreement"



- Is a link between OIE Reference Laboratory or Collaborating Centre (**Parent**) and national laboratory or centre (**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

Countries with more than 6 reference labs



Country	Number of Reference Laboratories
Argentina	7
Australia	11
Canada	14
France	17
Germany	11
Italy	9
Japan	13
South Africa	7
United Kingdom	30
United States of America	25

Countries with more than 6 reference labs



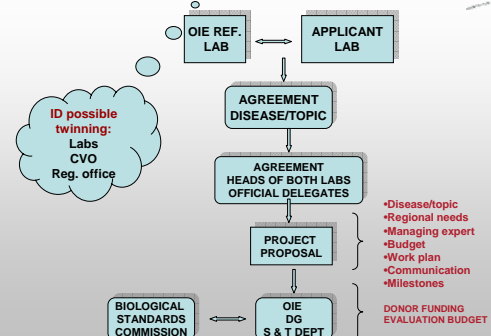
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Why a "twinning programme" ?



- Priority regions and diseases
- Global geographical coverage of expertise, focused on developing and transition countries
- Better global disease surveillance
- Greater access for more countries to high quality diagnostics and expertise for early detection and rapid response

The OIE "twinning process"



“twinning” : scope

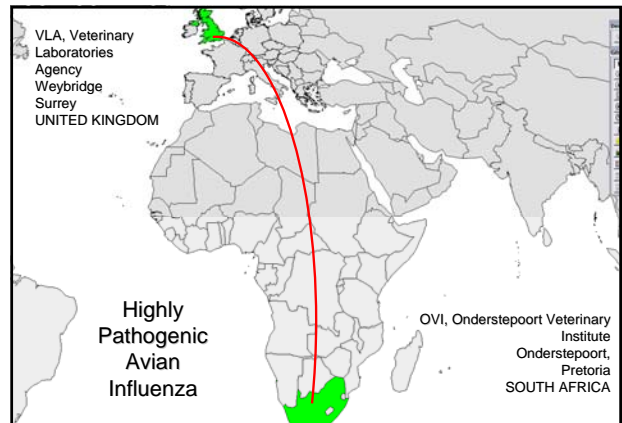
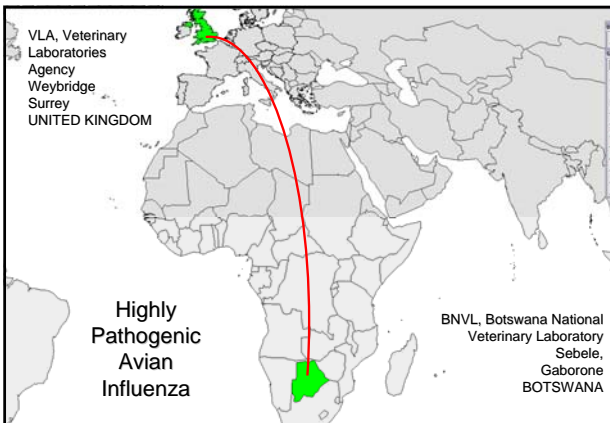
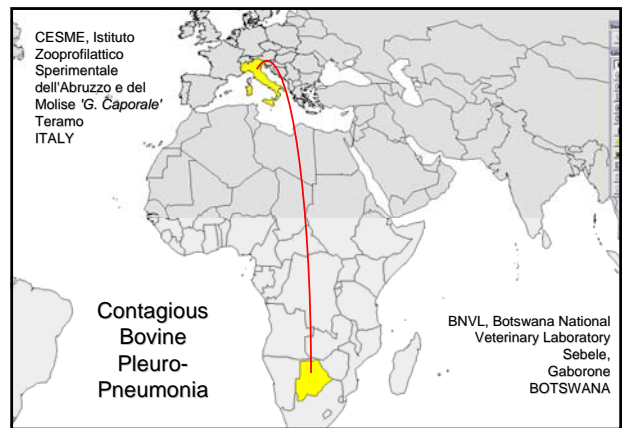


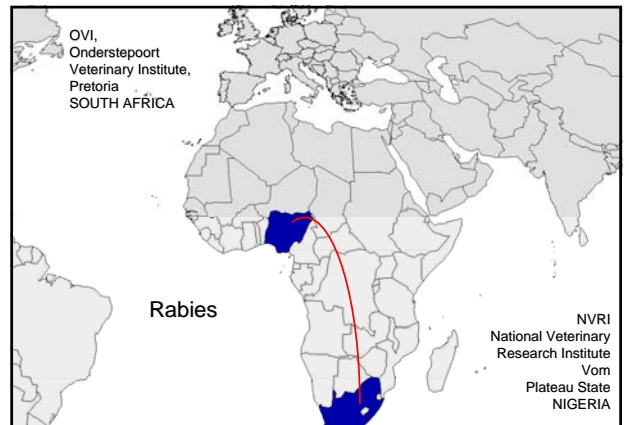
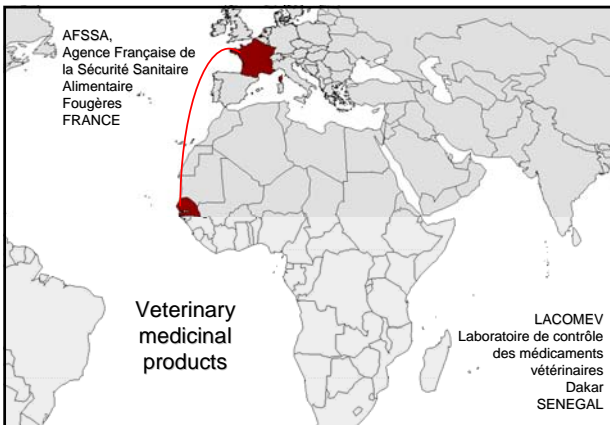
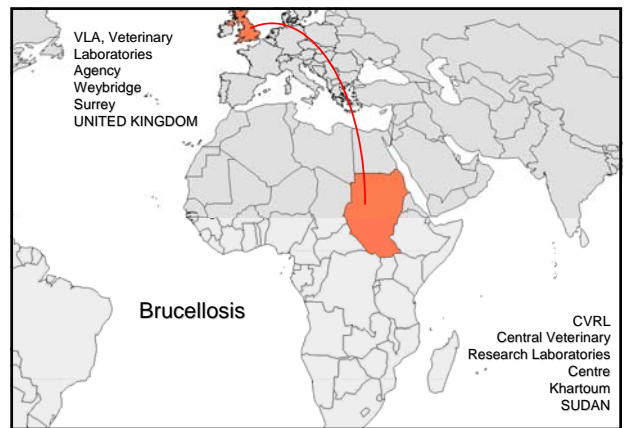
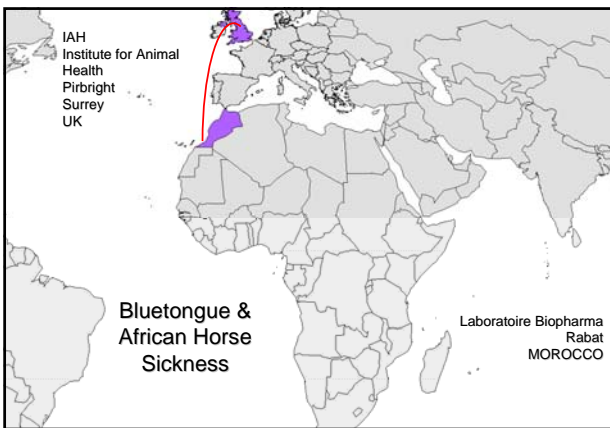
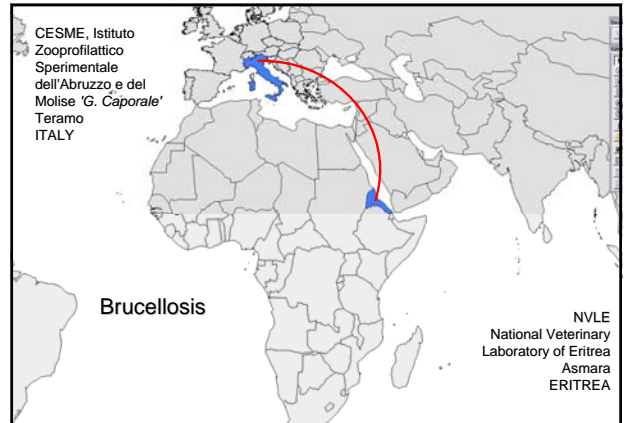
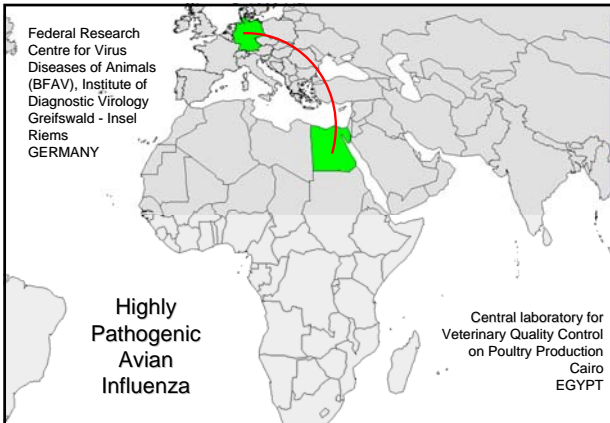
- Surveillance, detection and control of animal diseases (incl. zoonoses)
- A specific horizontal sphere of competence e.g. epidemiology, veterinary medicinal products
- Biosafety, biosecurity, quality assurance and good laboratory practices are integral

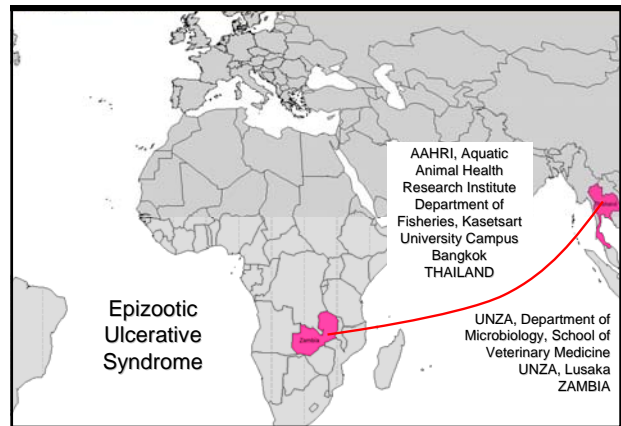
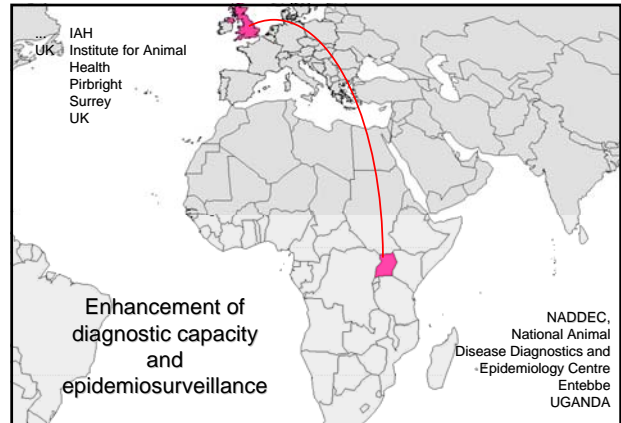
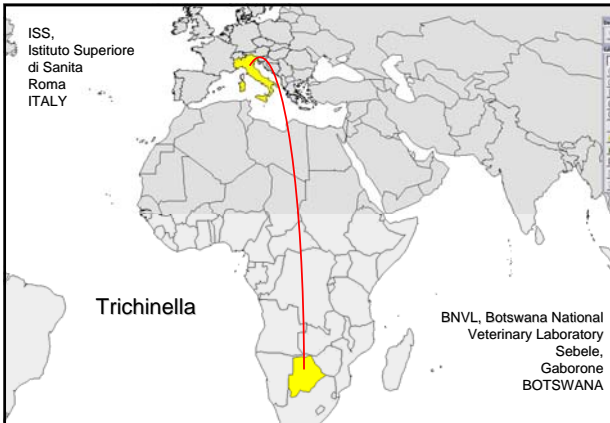
“twinning” : scope



- Realistic, achievable goals
- Variability and flexibility
 - Objectives, subjects
 - Length of project (1-3 years)
- Some Candidate Laboratories/Centres will reach OIE Reference Laboratory or Collaborating Centre Status







“twinning” : worldwide (ongoing)



- Italy and Russia Avian influenza and Newcastle disease (**completed**)
- USA and Brazil Avian influenza and Newcastle disease
- Germany and Egypt Avian influenza and Newcastle disease
- Italy and Cuba Avian influenza and Newcastle disease
- UK and South Africa Avian influenza and Newcastle disease
- UK and Botswana Avian influenza and Newcastle disease
- Australia and Malaysia Avian influenza and Newcastle disease
- Canada and Colombia Avian influenza and Newcastle disease
- UK and China (PR of) Classical swine fever and rabies
- Italy and Eritrea Brucellosis
- UK and Turkey Brucellosis
- Italy and Cuba Epidemiology
- Italy and Botswana Contagious bovine pleuropneumonia
- UK and Morocco Bluetongue and African horse sickness
- Germany and Turkey Rabies

“twinning” : worldwide (approved)



- Italy and Qatar: Avian influenza and Newcastle disease
- France and Thailand Brucellosis
- UK and Sudan: Brucellosis
- Japan and India Equine piroplasmosis
- Argentina and Paraguay Foot and mouth disease
- South Africa and Nigeria Rabies
- France and Senegal Veterinary Medicinal Products

“twinning” : worldwide (pipeline)



- Italy and Botswana
- Germany and Cuba
- UK and Uganda

Trichinellosis
Classical swine fever
Enhancement of diagnostic capacity
and epidemiosurveillance of
veterinary diseases in Uganda
Epidemiology
Avian influenza

- USA and China
- USA and Chile
- ...
- ...
- ...
- Thailand and Zambia

Epizootic Ulcerative Syndrome

Guidelines



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

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



Guidelines : updates



- Introduces the possibility of involving other labs in some workshops
- Limits the number of twinning projects per OIE Reference Laboratory
- Has a section on seeking complementary funds for equipment etc...
- Has a section on OIE laboratory twinning projects without financial support from OIE (self-funded).



The 'take-home' message



- Programme is ongoing and extending (« twinning » of veterinary teaching and education facilities)
- Programme applies to both laboratories and centres with a particular expertise
- Laboratory twinning is limited to OIE listed diseases, preferably relevant to the region
- Twinning does not serve the purpose of establishing or rehabilitating laboratories, but to enhance the performance of already well advanced laboratory services
- Twinning is about exchange of expertise, not upgrading of infrastructures or equipment
- Future recognition as an OIE Reference Laboratory or Collaborating Centre is optional, not compulsory.



Second International Conference
of OIE Reference Laboratories and
Collaborating Centres

Paris (France), 21-23 June 2010



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