



**WORLD ORGANISATION FOR ANIMAL HEALTH**  
*Protecting animals, preserving our future*

O(13)7832

## International Forum for Sheep meat COPA – COGECA, October 4 2013

**OIE's work at global and regional level to manage  
Emerging risks for the sheep sector**



**Dr. N. Leboucq**

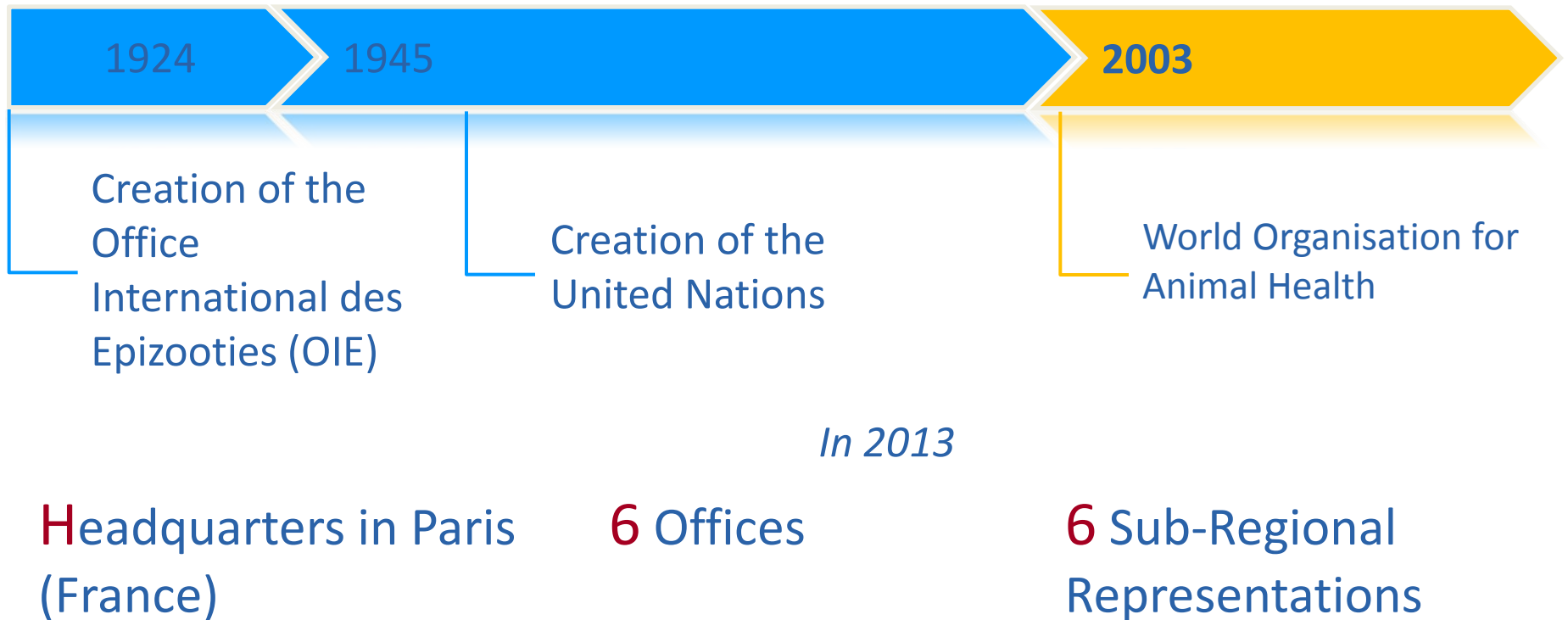
OIE Sub-Regional Representation in Brussels



# Introducing OIE...

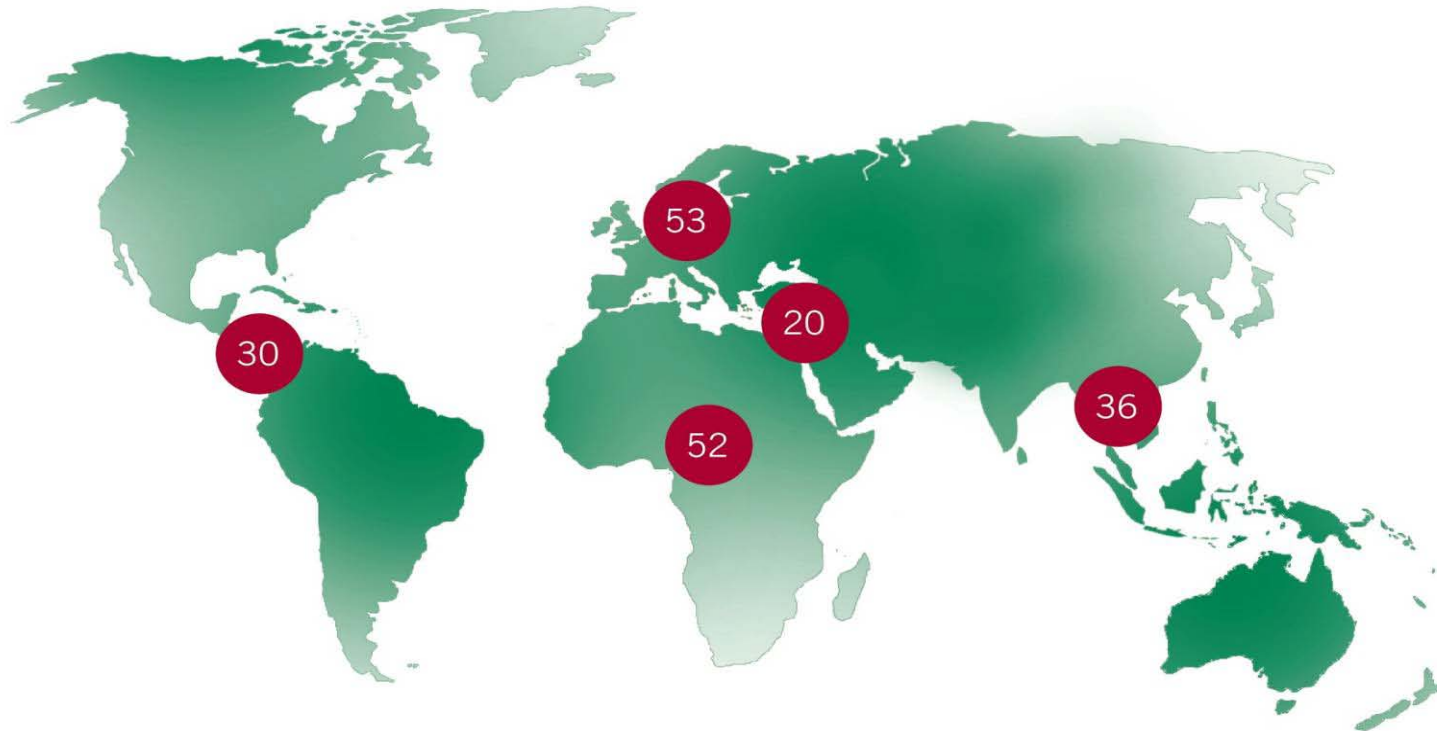


An intergovernmental organisation preceding the United Nations





# 178 Member Countries in 2013



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

*Some countries belong to more than one region*



# OIE Core mandate and missions



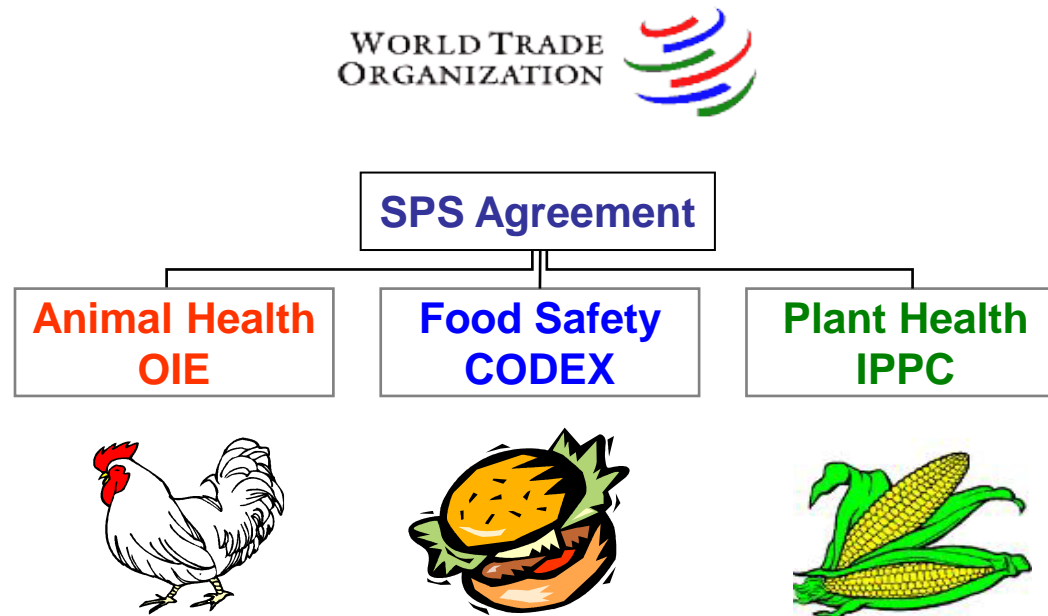
**Transparency of  
world animal  
disease situation  
(including  
zoonoses)**

**Collect and  
publish  
veterinary  
scientific  
information  
notably animal  
disease  
prevention and  
control methods**

**Sanitary safety of  
international  
trade in animals  
and their  
products under  
the mandate  
given by the WTO**

# OIE Core mandate and missions

Standard setting → OIE is the WTO reference organisation for international trade and surveillance and control of animal diseases and zoonoses



International standard setting  
organisations



# OIE vision (2011 – 2015)



Improve animal health, veterinary public health, animal welfare, and consolidate the animal's role worldwide



Good governance of VS – Global Public Good – One Health



# OIE Strategic Objectives (2011 – 2015)



1. International Communication of Animal Disease and Zoonosis Information
2. Development and Implementation of Scientifically Based Standards and Guidelines
3. Ensuring the Scientific Excellence of Information and Advice
4. Prevention, Control and Eradication of Animal Diseases, including Zoonoses
5. Capacity Building for National Veterinary Services
6. Strengthening the Organisation's Influence on Policy Design, Applied Research and Governance

# International Animal Disease and Zoonosis Information



## ❖ OIE-listed sheep diseases, infections and infestations (2013)

### • Multi-species (25)

- Foot-and-mouth disease
- Brucellosis
- Blue tongue
- Rift Valley Fever
- Etc...

### • Specific to SR (11)

- Caprine arthritis/encephalitis
- Contagious agalactia
- Contagious caprine pleuropneumonia
- Enzootic abortion of ewes (ovine chlamydiosis)
- Maedi-visna
- Nairobi sheep disease
- Ovine epididymitis (*Brucella ovis*)
- Peste des petits ruminants
- Salmonellosis (*S. abortusovis*)
- Scrapie
- Sheep pox and goat pox

## ❖ Emerging diseases (Schmallenberg)

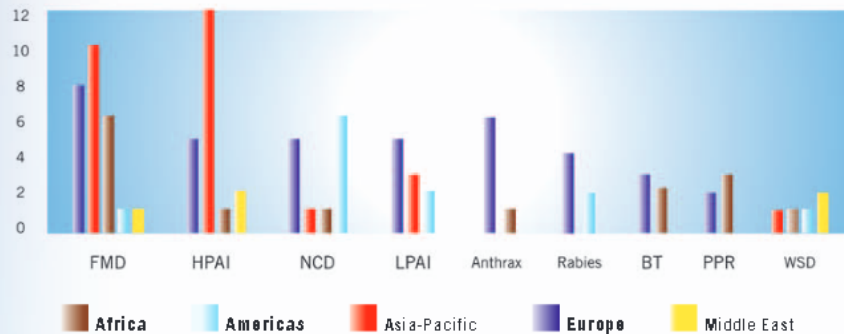


# International Animal Disease and Zoonosis Information



## ❖ Immediate notifications (Early warning system) -

The world's most notified diseases\* in 2011 (i.e. immediate notifications)



BT: bluetongue

FMD: foot and mouth disease

HPAI: highly pathogenic avian influenza

LPAI: low pathogenic avian influenza

NCD: Newcastle disease

PPR: peste des petits ruminants

WSD: white spot disease

\* diseases notified at least 3 times in a single region

## Main diseases for which immediate notifications were received

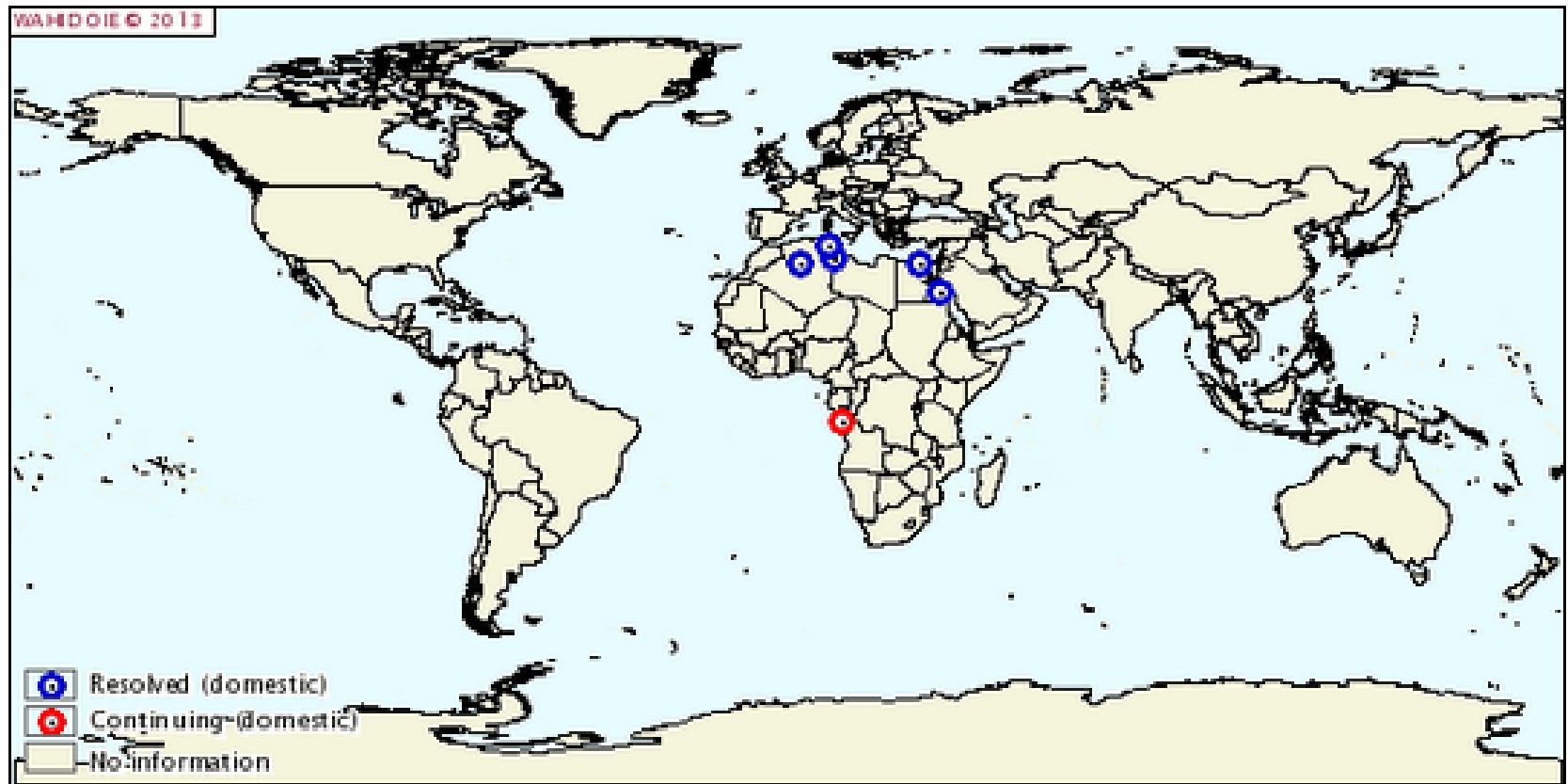
Number of immediate notifications received between 1 January and 31 December 2012



# International Animal Disease and Zoonosis Information



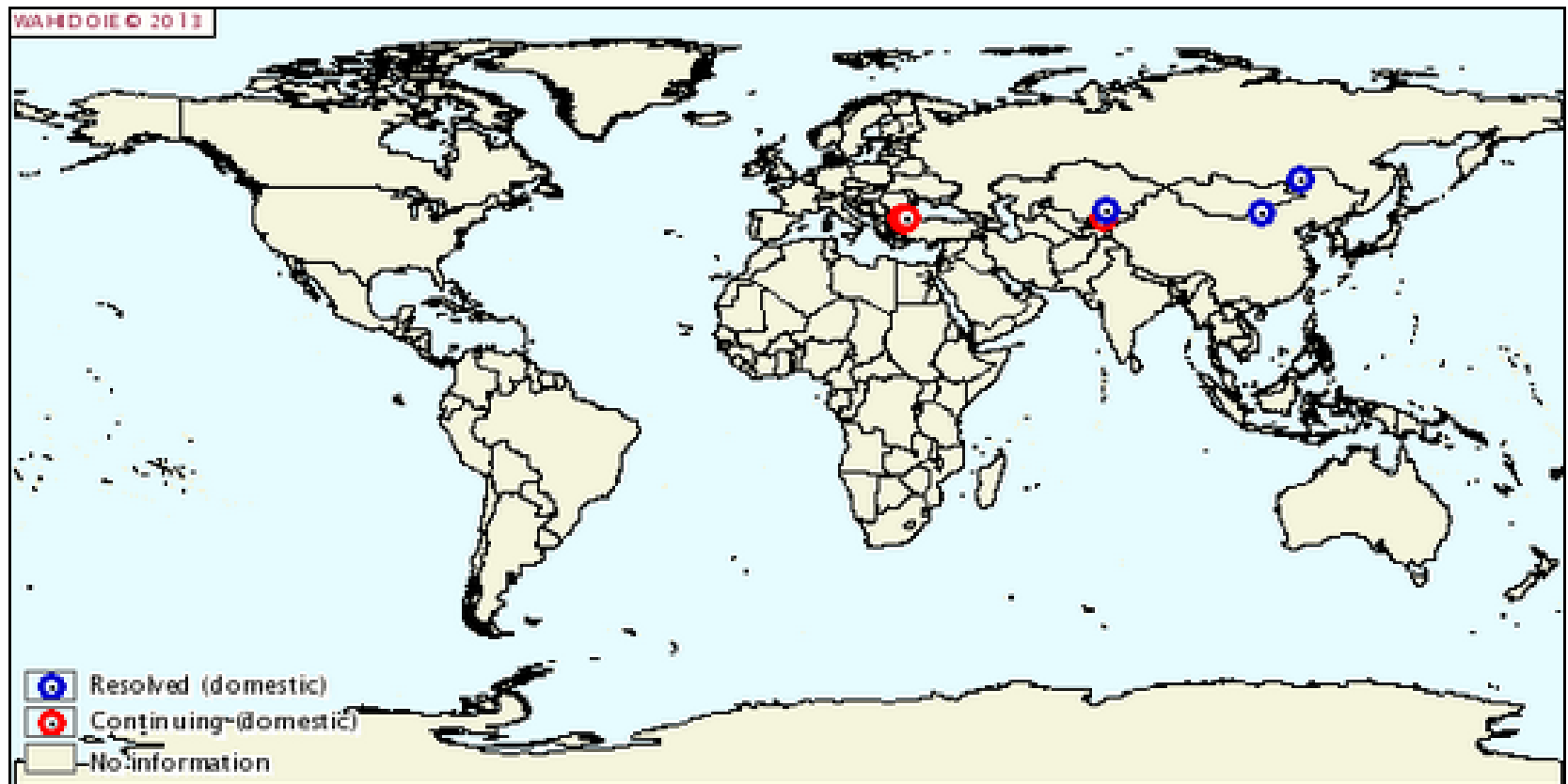
- ❖ Immediate notifications (Early warning system) - PPR



# International Animal Disease and Zoonosis Information



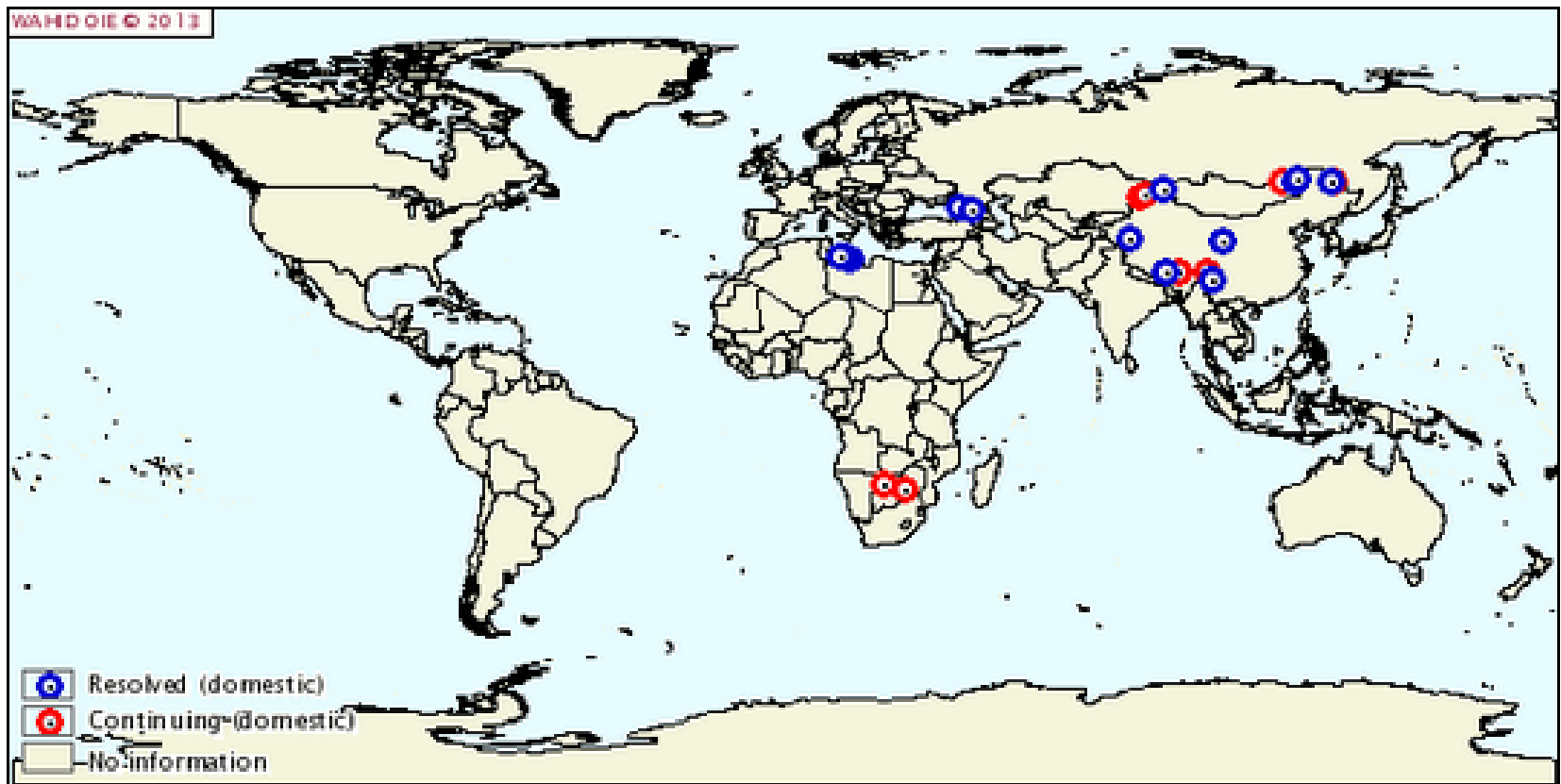
❖ Immediate notifications (Early warning system) – Sheep Pox



# International Animal Disease and Zoonosis Information



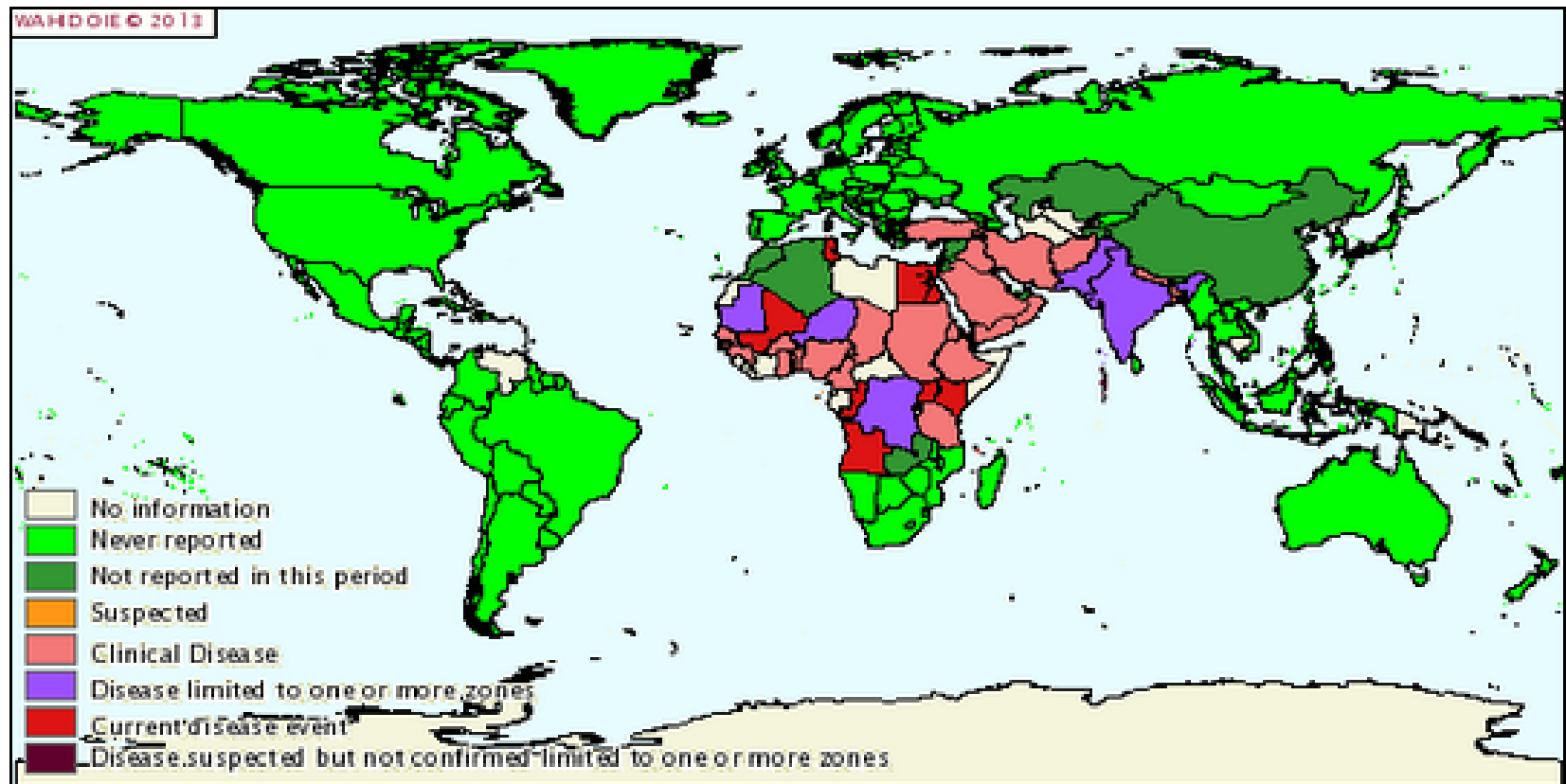
- ❖ Immediate notifications (Early warning system) – FMD sheep



# International Animal Disease and Zoonosis Information



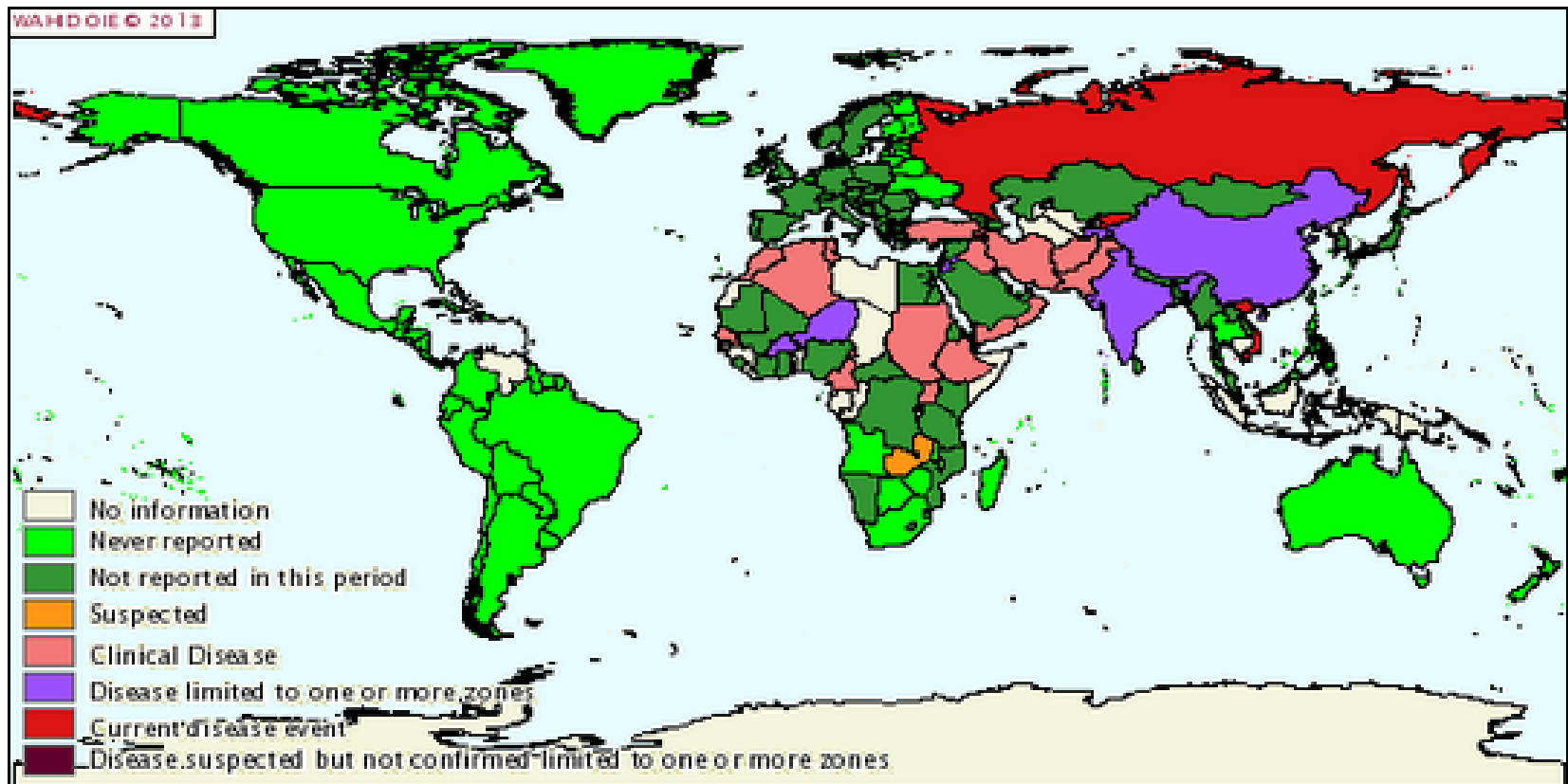
- ❖ 6-month and annual reporting (disease situations) – PPR (S2/2012)



# International Animal Disease and Zoonosis Information



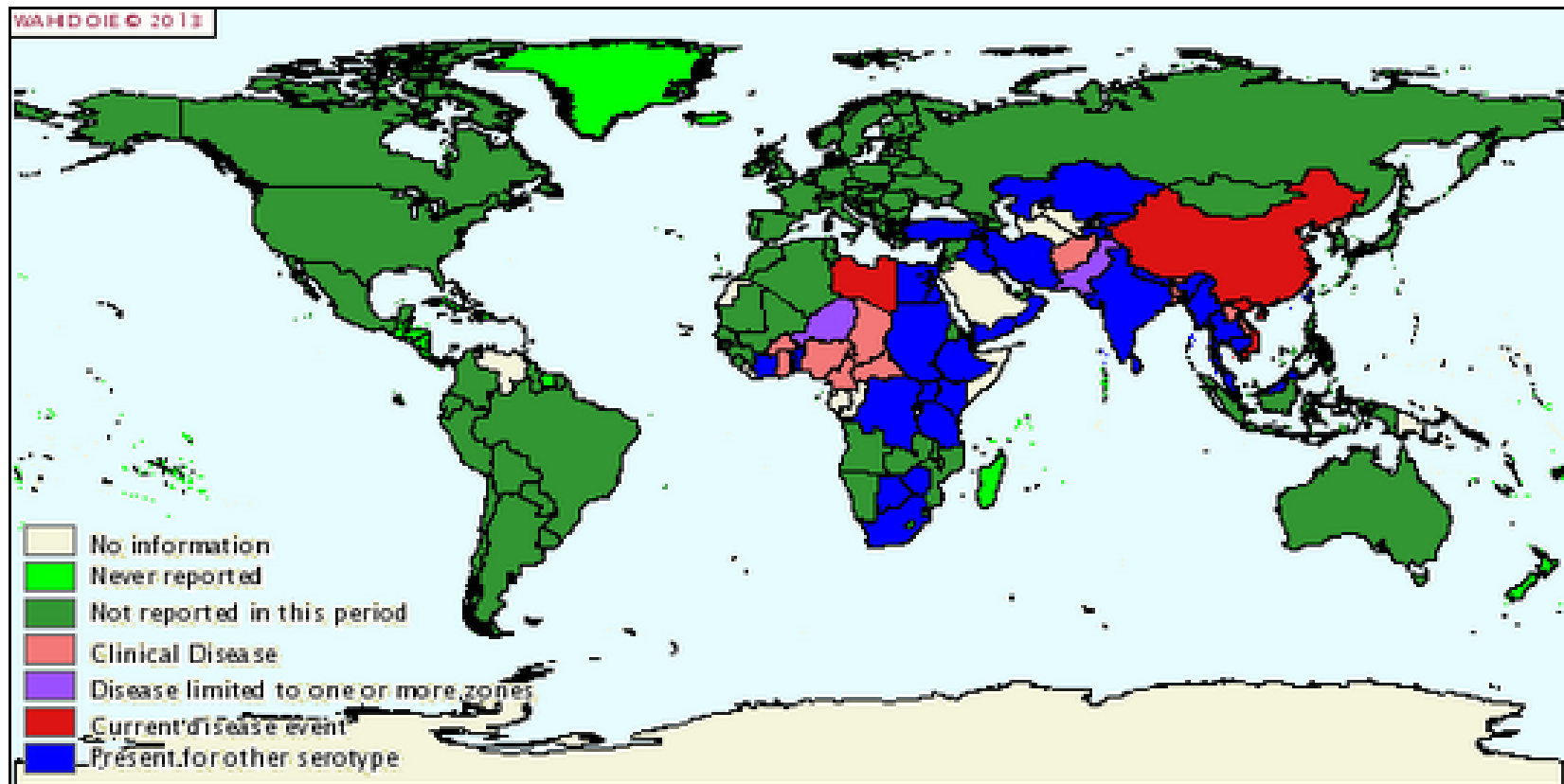
- ❖ 6-month and annual reporting (disease situations) – S&G Pox (S2/2012)



# International Animal Disease and Zoonosis Information



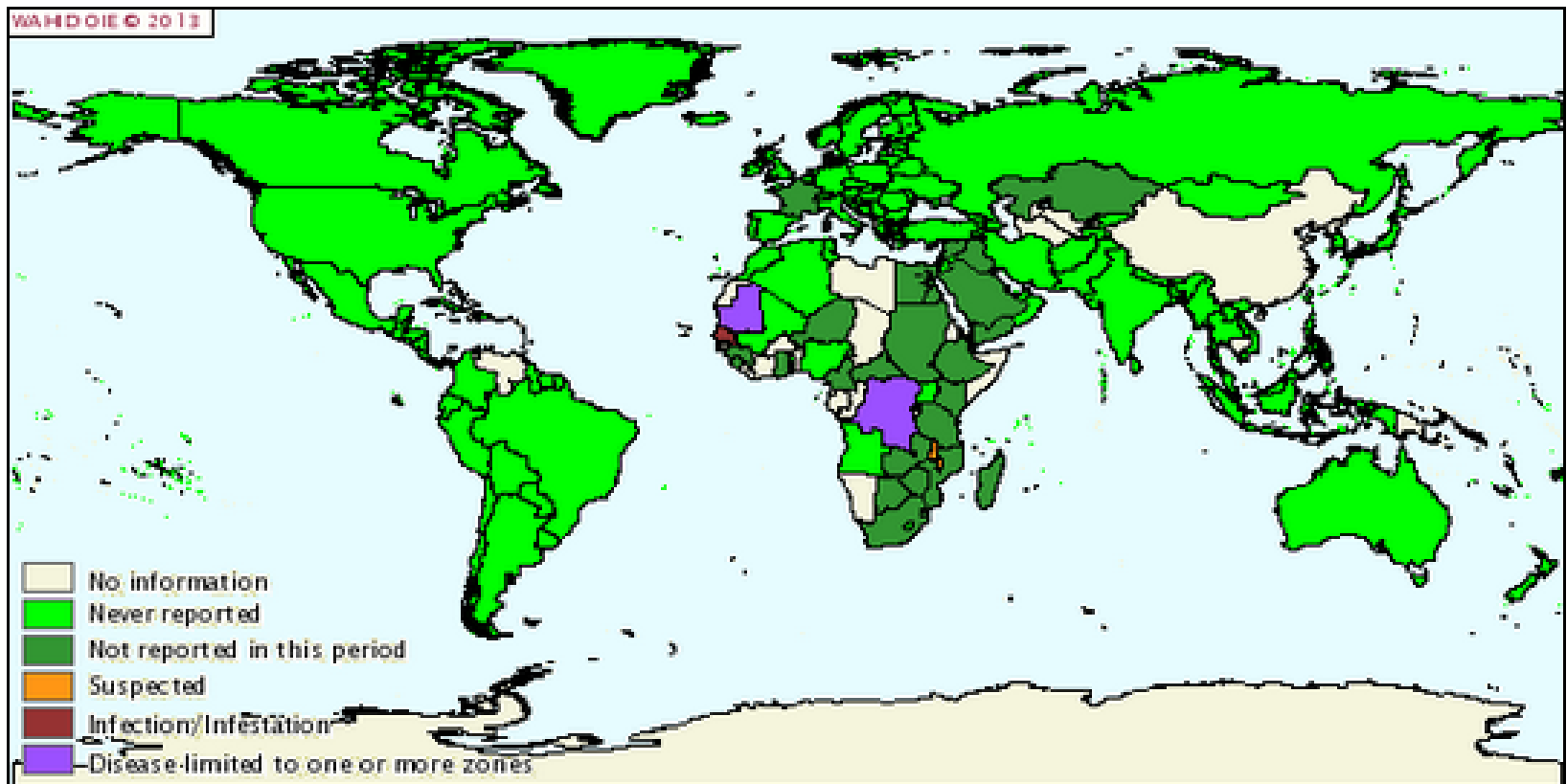
- ❖ 6-month and annual reporting (disease situations) – **FMD** (S2/2012)



# International Animal Disease and Zoonosis Information



- ❖ 6-month and annual reporting (disease situations) – **RVF** (S2/2012)

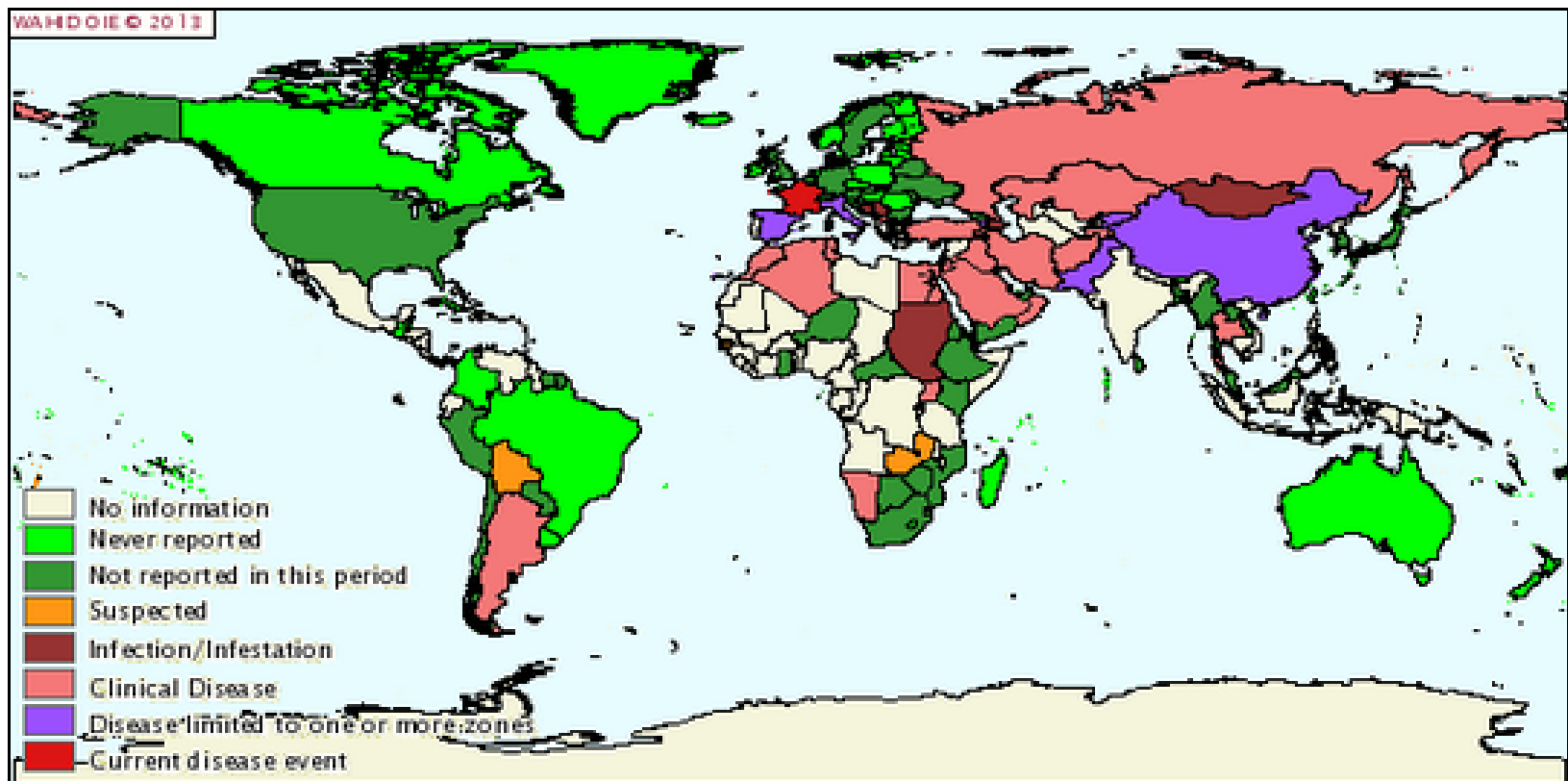




# International Animal Disease and Zoonosis Information



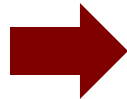
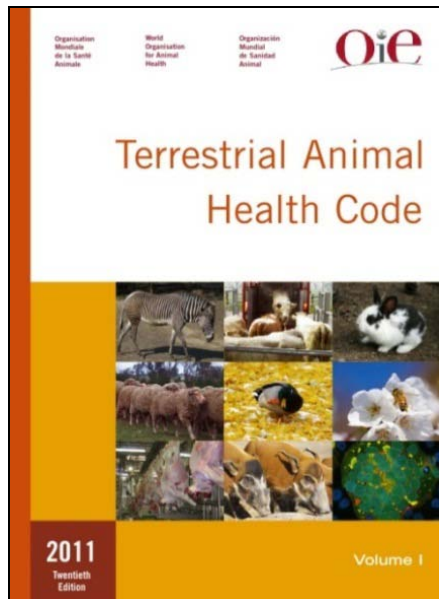
- ❖ 6-month and annual reporting (disease situations) – *Bruc m.* (S2/2012)



# Development and Implementation of Scientifically Based Standards and Guidelines



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



## Horizontal chapters

- animal disease diagnosis, surveillance and notification
- risk analysis
- quality of veterinary services
- General recommendations: Disease prevention and control (zoning, compartmentalisation, etc)
- etc

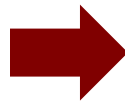
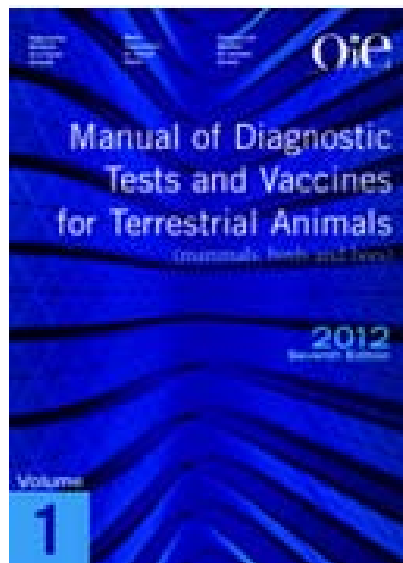
## Vertical chapters

Section 14.	CAPRINAE
Chapter 14.1.	Caprine and ovine brucellosis (excluding <i>Brucella ovis</i> )
Chapter 14.2.	Caprine arthritis/encephalitis
Chapter 14.3.	Contagious agalactia
Chapter 14.4.	Contagious caprine pleuropneumonia
Chapter 14.5.	Infection with <i>Chlamydophila abortus</i> (Enzootic abortion of ewes, ovine chlamydiosis)
Chapter 14.6.	Maedi-visna
Chapter 14.7.	Ovine epididymitis ( <i>Brucella ovis</i> )
Chapter 14.8.	Infection with peste des petits ruminants virus

# Development and Implementation of Scientifically Based Standards and Guidelines



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



## Section 2.7. Caprinae

- Chapter 2.7.1. Border disease
- Chapter 2.7.2. Caprine and ovine brucellosis (excluding *Brucella ovis*) (NB: Version adopted in May 2009)
- Chapter 2.7.3/4. Caprine arthritis/encephalitis and Maedi-visna
- Chapter 2.7.5. Contagious agalactia (NB: Version adopted in May 2013)
- Chapter 2.7.6. Contagious caprine pleuropneumonia
- Chapter 2.7.7. Enzootic abortion of ewes (ovine chlamydiosis) (NB: Version adopted in May 2012)
- Chapter 2.7.8. Nairobi sheep disease
- Chapter 2.7.9. Ovine epididymitis (*Brucella ovis*) (NB: Version adopted in May 2009)
- Chapter 2.7.10. Ovine pulmonary adenocarcinoma (adenomatosis)
- Chapter 2.7.11. Peste des petits ruminants (NB: Version adopted in May 2013)
- Chapter 2.7.12. Salmonellosis (*S. abortusovis*)
- Chapter 2.7.13. Scrapie (NB: Version adopted in May 2009)
- Chapter 2.7.14. Sheep pox and goat pox (NB: Version adopted in May 2010)

*Also multi-species diseases*

# Development and Implementation of Scientifically Based Standards and Guidelines



Recent developments in OIE standards:

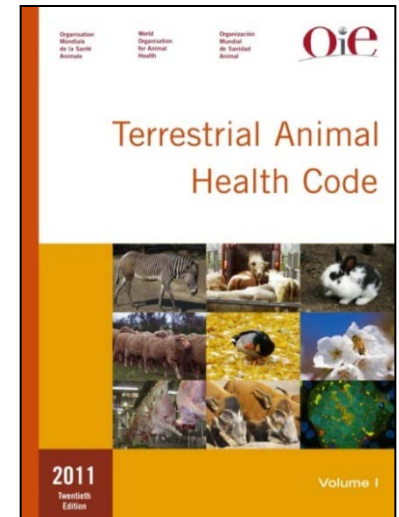
PPR → OIE Official status (without vaccination)  
→ Revision of chapters 14.8. and 1.6.  
→ National control programmes endorsed by OIE

Next chapters under revision:

Brucellosis

FMD

RVF



# Ensuring the Scientific Excellence of Information and Advice



## World distribution of the OIE-Reference Laboratories

### PPR (2)

Cirad (France)

Pirbright (UK)

### S&G pox (3)

Razi (Iran)

Onderstepoort (SA)

Pirbright (UK)

### Brucellosis (7)

SENASA (Argentina)

ANSES (France)

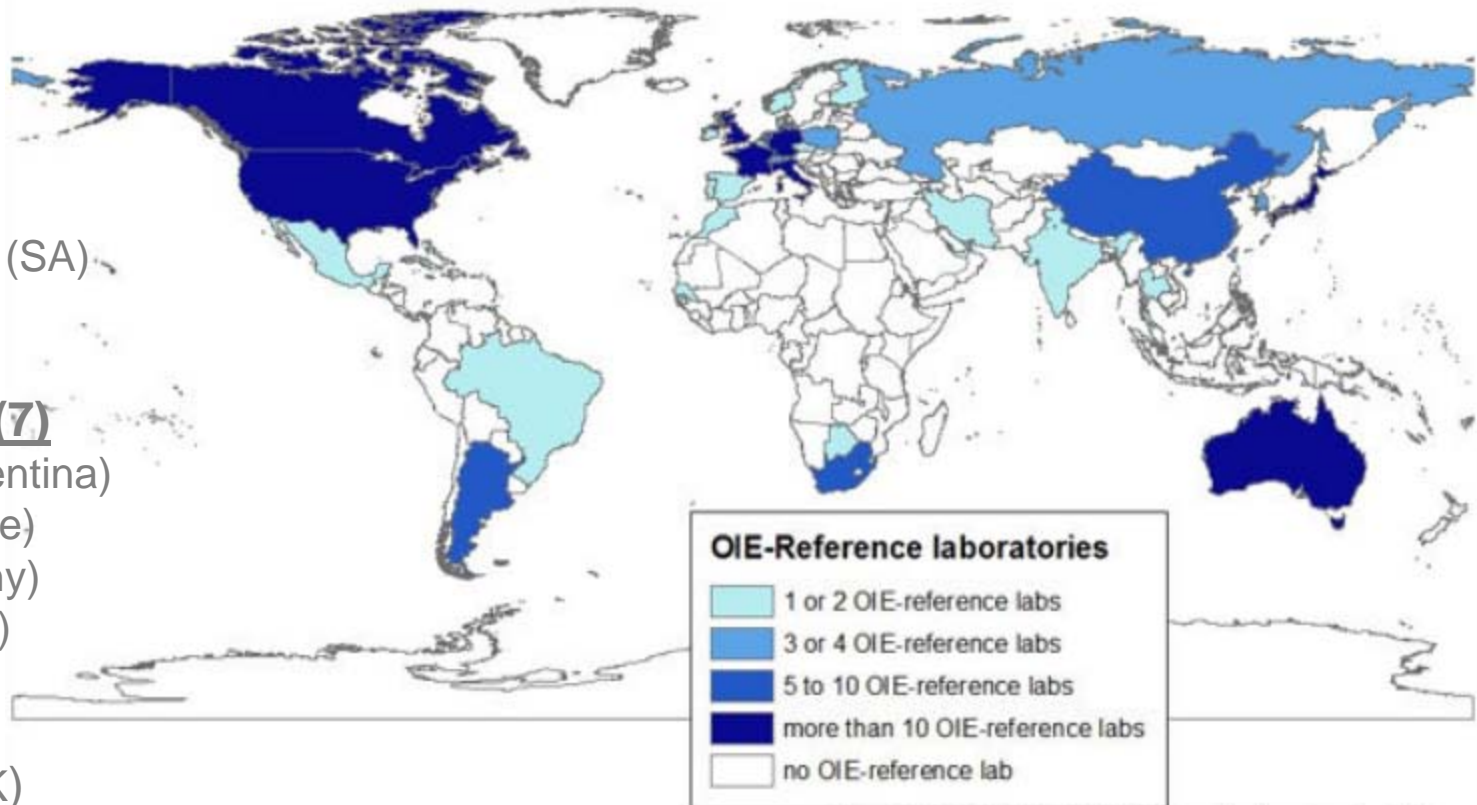
BFAV (Germany)

Kimrom (Israel)

CESME (Italy)

MIAFF (Korea)

Weybridge (UK)



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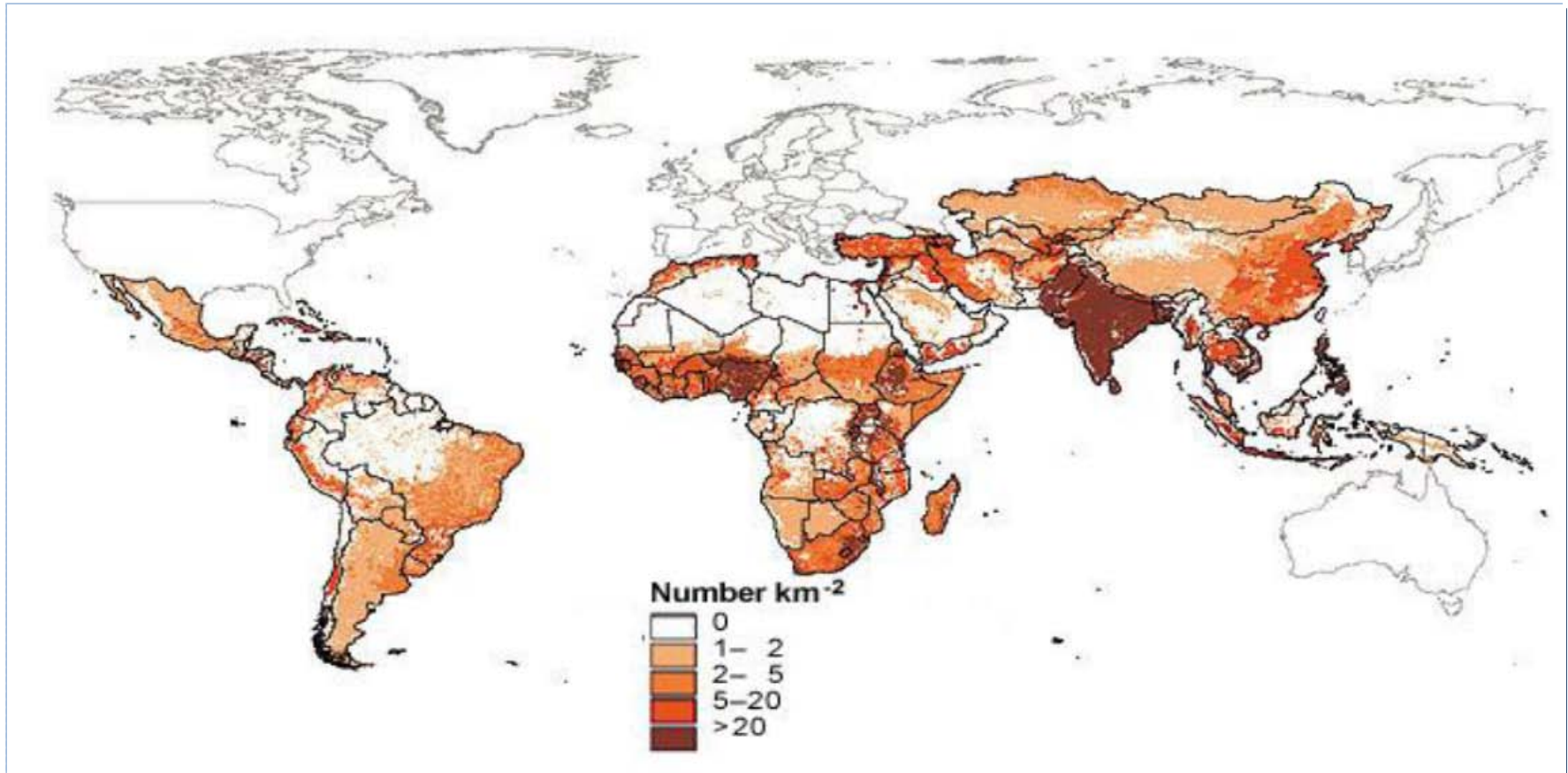
### RVF (2) FMD (10)



# Prevention, Control and Eradication of Animal Diseases, including Zoonoses



- Density of poor people dependent on livestock



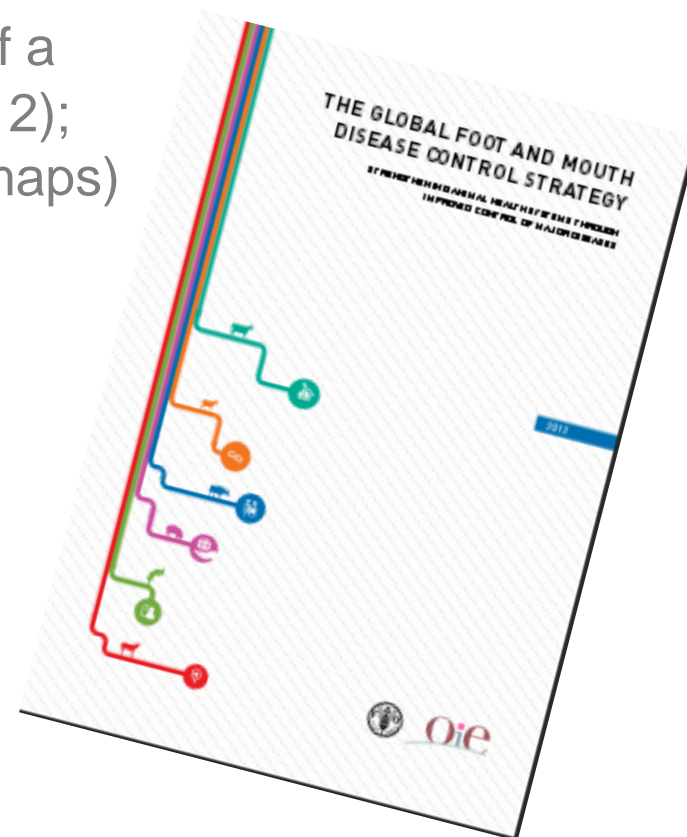
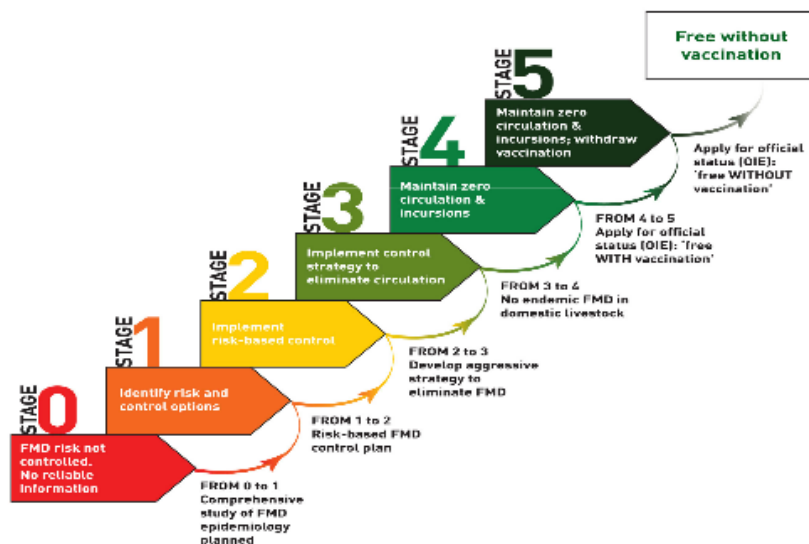




# Prevention, Control and Eradication of Animal Diseases, including Zoonoses



- ❖ FMD – development and endorsement of a Global Strategy for the control of FMD (2012); implementation stage (regional FMD roadmaps)



- HPED programme in Asia (FMD) (EU)



# Prevention, Control and Eradication of Animal Diseases, including Zoonoses

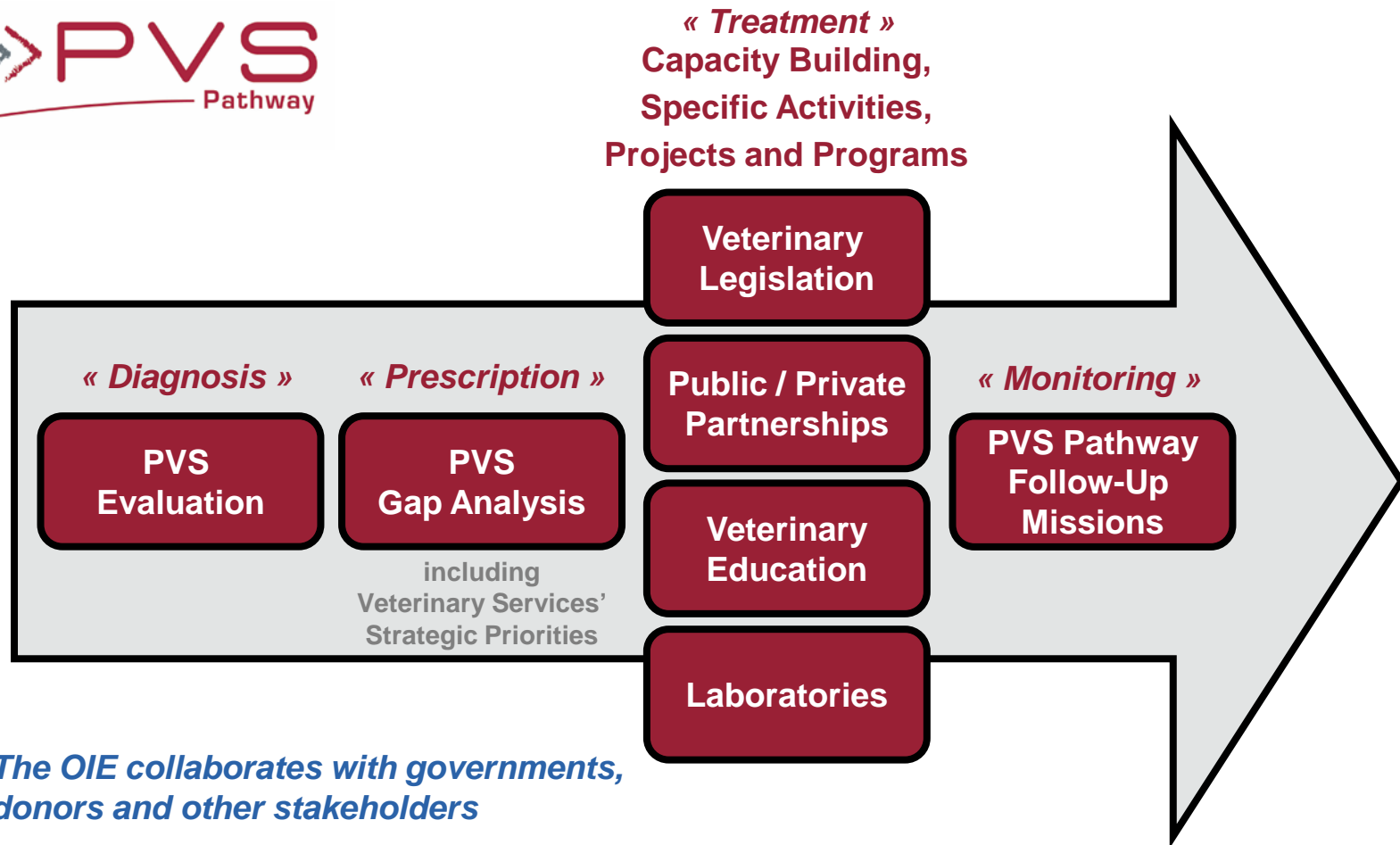


- ❖ PPR – preparation (GF-TADs) of
  - a OIE-FAO Global Strategy for the control of PPR (GF-TADs)
  - a OIE-FAO monitoring tool (FMD PCP model)
  - an OIE-FAO international scientific and technical meeting on PPR (Dec 2014)
- Specific project: pilot project in Africa (B&M Gate foundation)
- ❖ others: Brucellosis; RVF, under the GF-TADs (global and regional)





# Capacity Building for National Veterinary Services



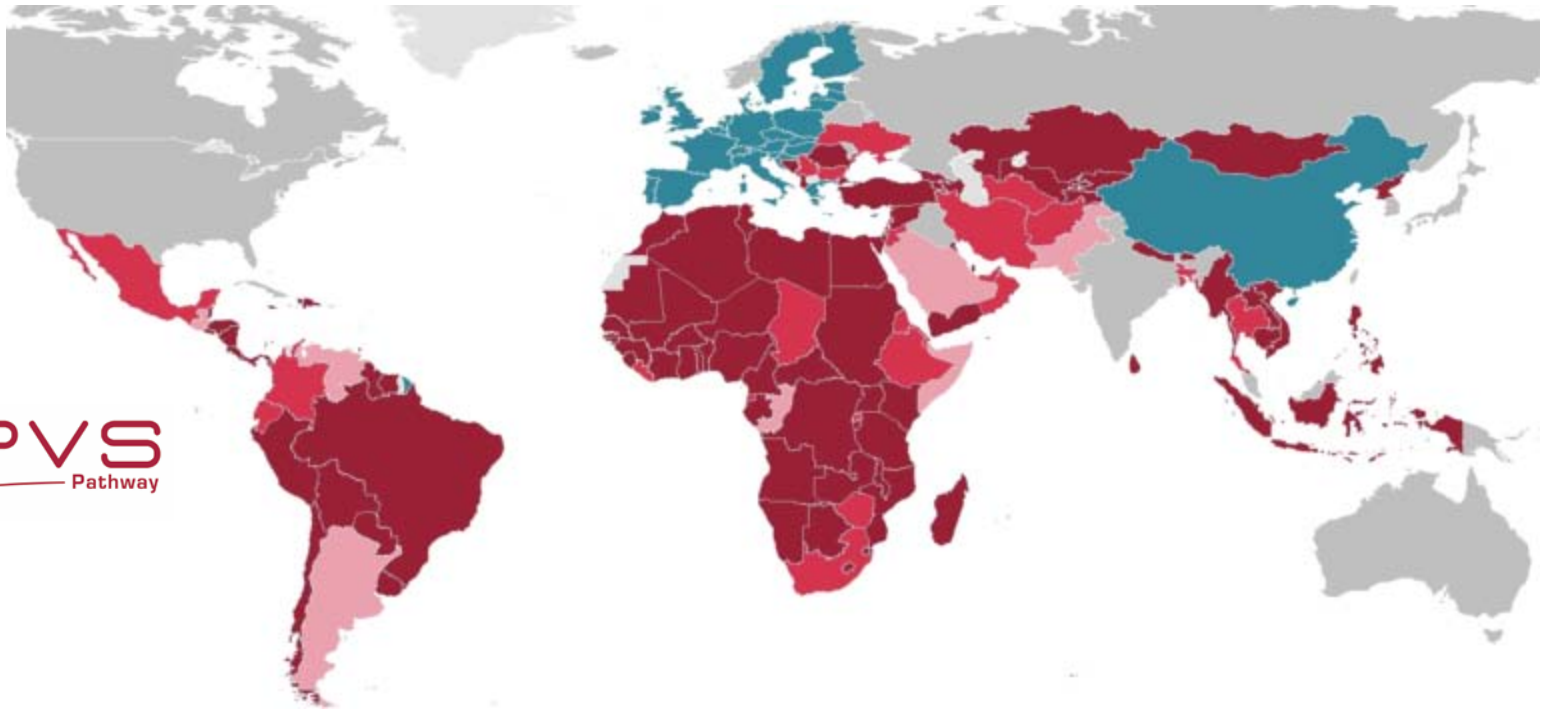
*The OIE collaborates with governments,  
donors and other stakeholders*



# Capacity Building for National Veterinary Services



## Overview of PVS Evaluation missions



Mission requested

Mission completed

Report Available

Specific approach



# Conclusions – key messages



1. In free zones, to remain fully vigilant; importance to (i) implement OIE standards for international trade but also for national movements ; (ii) ensure global transparency by respecting OIE notification / reporting obligations
2. In endemic zones, new tools to progressively control the disease worldwide (PPR); global meeting in December 2014 under the GF-TADs
3. Reinforcement of VS: robust surveillance system based on animal health system (any disease; throughout the entire national territory), veterinary education; to be prepared for the unknown

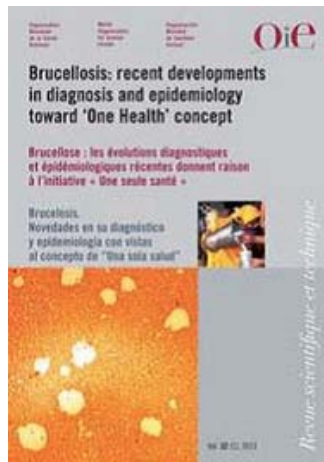


# OIE resources

[www.oie.int](http://www.oie.int)



## OIE Technical Reviews



### Brucellosis: recent developments towards 'One Health'

Scientific and Technical Review 32 (1)



### Good governance and financing of efficient Veterinary Services

Scientific and Technical Review 31 (2)

## Animal Disease Information Summaries & Technical disease cards





**WORLD ORGANISATION FOR ANIMAL HEALTH**  
*Protecting animals, preserving our future*



# Thank you for your attention

**OIE Sub-Regional Representation in Brussels**

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