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World Organisation for Animal Health (OIE)

# OIE Digital Action Plan

FOOD CHAIN IN THE DIGITAL SINGLE MARKET
9 NOVEMBER, 2016

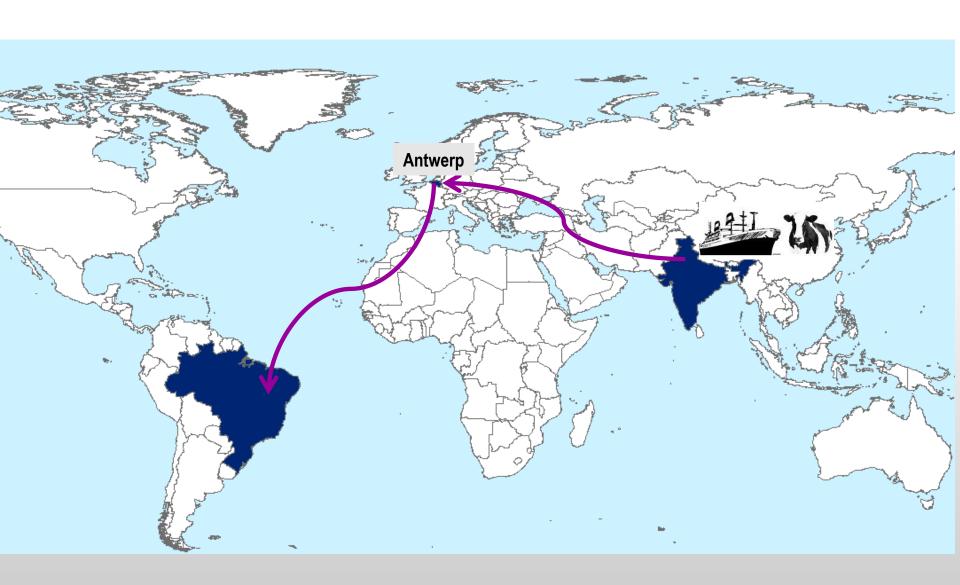


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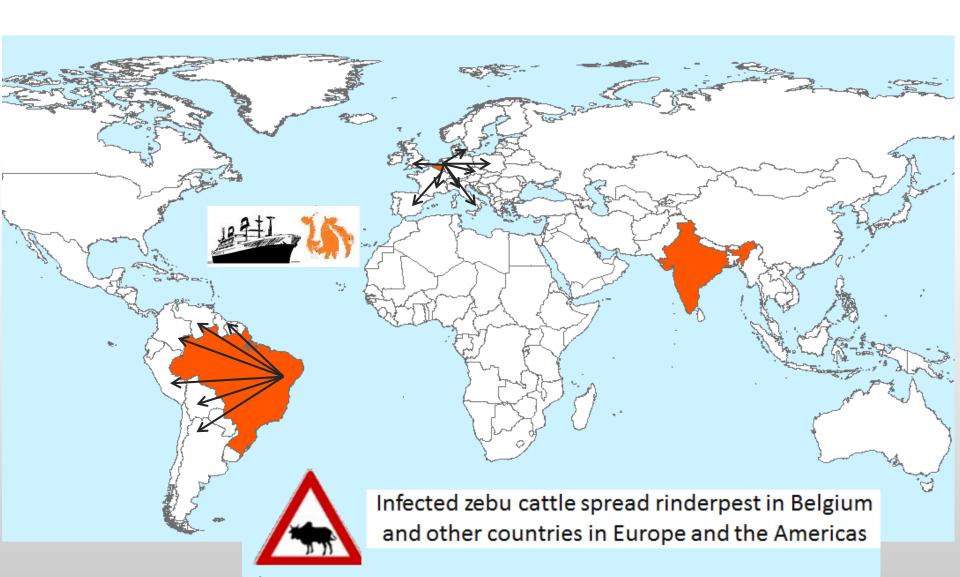
- World Organisation for Animal Health (OIE)
- Core missions of the OIE
- Digital action plan on information system



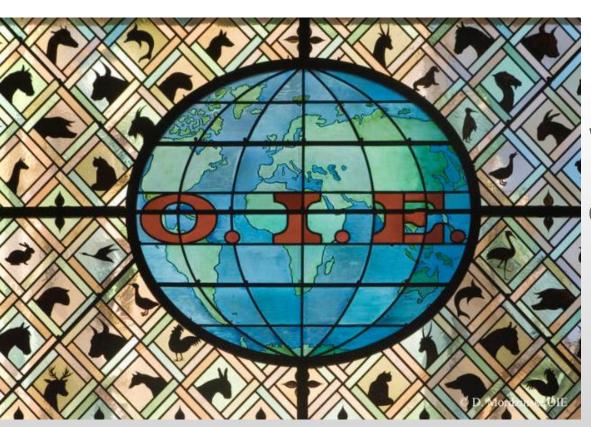
#### OIE History: we came a long way .....



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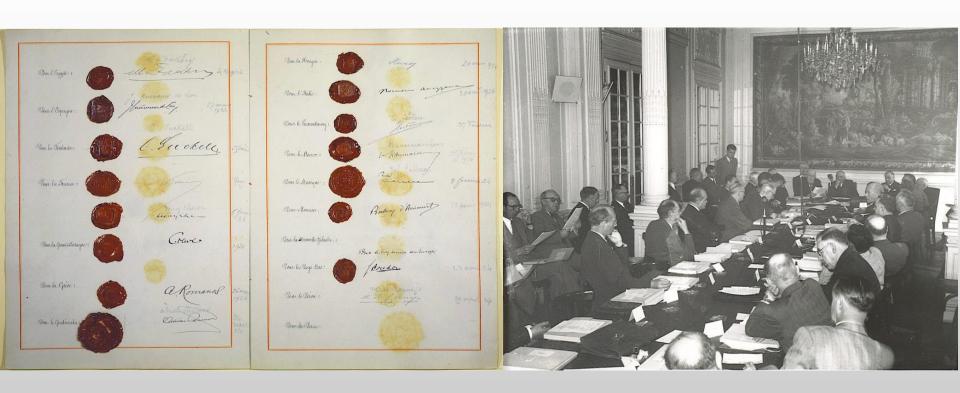


#### OIE History: we came a long way .....



An international conference was held in May 1921. It called for the establishment, in Paris, of an international office for the control of infectious animal diseases.

Almost three years later, on January 25th 1924, 28 countries signed in Paris the International Agreement establishing the Office International des Epizooties (OIE)



# Legal obligation for disease notification in animals

The OIE was created in 1924

Legal obligation for all Member Countries to report to the OIE

One of the main missions of the OIE is to ensure transparency of worldwide animal disease situation including zoonosis

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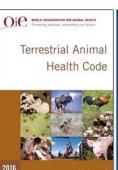
#### **OUR CORE MISSIONS**

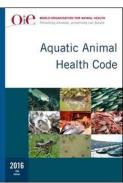
**STANDARDS** 

**TRANSPARENCY** 

**EXPERTISE** 

**SOLIDARITY** 











Terrestrial and Aquatic Animal Health Codes

World Animal Health Information System

Worldwide Network
through the OIE
Reference
Laboratories and
Collaborating Centres

Strengthen and Improve National Animal Health Systems

#### Terrestrial and Aquatic Animal Health Codes



ANIMAL DISEASE DIAGNOSIS, SURVEILLANCE AND NOTIFICATION



**DISEASE PREVENTION AND CONTROL** 



TRADE MEASURES, IMPORT/EXPORT PROCEDURES AND VETERINARY CERTIFICATION



THE ROLE OF THE VETERINARY SERVICES IN FOOD SAFETY

# Using the standards established in the Codes to facilitate safe trade

- Members countries adopt the OIE standards
- Elaboration of the national legislation, that gives the basis to the national polices for animal health
- Accomplishment of standards allows the country to fulfill the requirements to export



## Legal framework for international trade





World Organisation for Animal Health

SPS (Agreement on the Application of Sanitary and Phytosanitary Measures) recognizes the OIE as the leading international standards-setting organization for animal health



Spatial-temporal information (details by zone, by day, month)

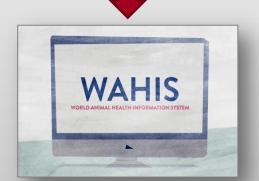
Diagnostic test performed and laboratory involved

Geo-referenced outbreaks

Quantitative data: animals destroyed, slaughtered, dead,

Qualitative data: control measures

Status of the disease: presence, absence, suspicion, etc

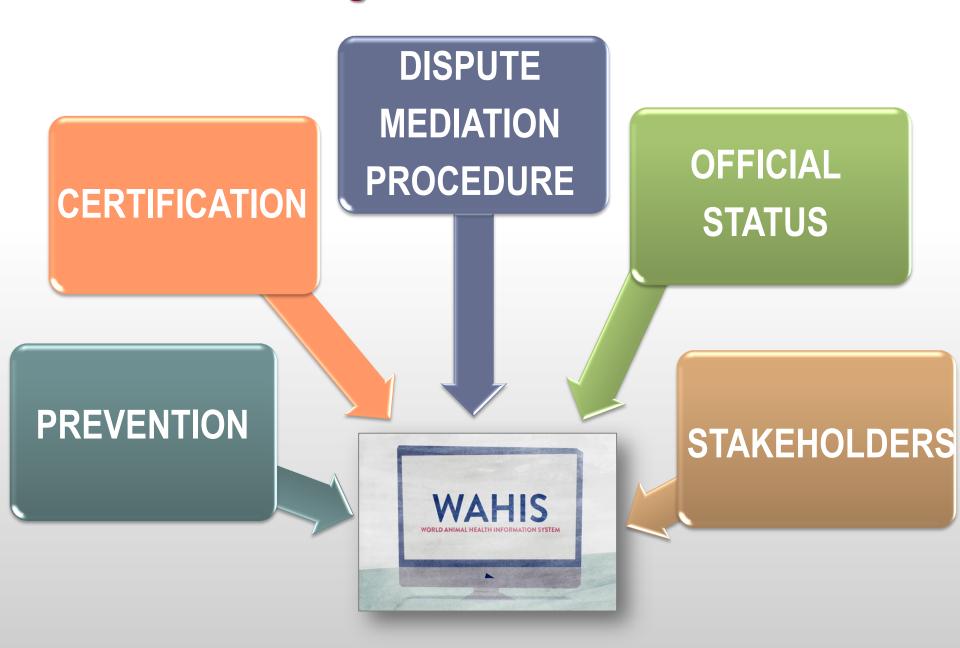




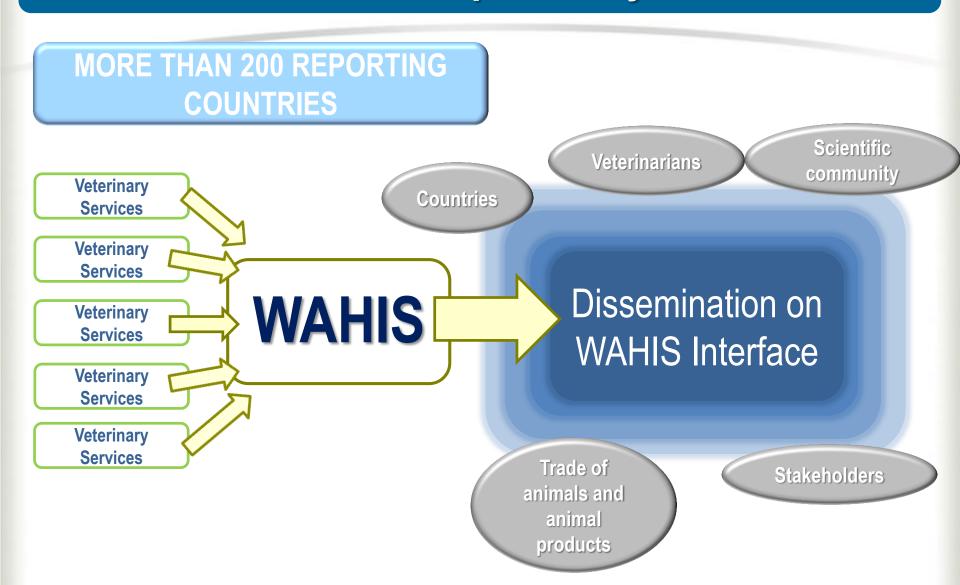




## WAHIS as a great source of information



## All information is publically available



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#### **OIE: information dissemination**



#### 1924s

Governments notify by telegram the first cases of diseases to the OIE



#### 1996

Handistatus first online data available



#### 2005

All Member Countries are connected online to a central server (WAHIS)



2016

**WAHIS Alerts** 



TRANSPARENCY, EFFICIENCY, SPEED

#### **WAHIS** today

Reference for international trade on animal health situation

More than 4 500 pages viewed each day and 80 000 visitors by month

More than 200 countries/territories submitted information

Million of data collected

More 15 000 subscribers to the WAHIS Info-List and WAHIS alerts



#### **Reasons for modernising WAHIS**



Different requests from Member Countries, Donors, International Organisations



Flexibility and intelligence in data entry



Share information with stakeholders rapidly/effectively



Changes in society behaviour and expectations



Changing environment of diseases



New technologies available

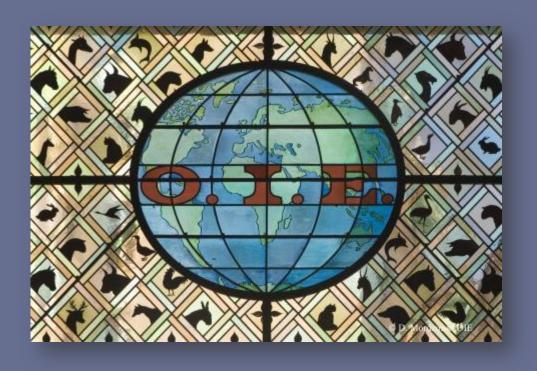


## Digital action plan



- W Integration of genomic data source
  - A Data mining and extraction
    - H Incorporation of new technologies
  - Interconnectivity with regional and national databases
  - S One system with all historical data

## Thank you for your attention



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