



***The challenges
of digitalization
and animal
health global
approach to
address the
2030 agenda***

Healthy animals
for a better life

Jean-Philippe DOP
OIE Deputy Director General
Roma, 13 June 2019

Challenges

High impact of animal health on livestock sustainability and safe trade:

- Diseases know no borders
- Climate change impacts disease epidemiology
- 75% of emerging diseases have animal origin
- Animal health participates to animal welfare

Digital Solutions

- Launch of the **new OIE-WAHIS** in 2020
>12000 subscribers, 206 reporting countries
- **Global database on use of antimicrobials**
155 reporting countries in 2018
- **International Standards' continuous improvement**
through countries' consultation
- **In the future:** Standards' Observatory, Performance Veterinary Services (PVS) database, **e.certification**



Results

- Reliable and trusted official **information** on the circulation of more than 120 diseases
- High level **predictability** analyses
- Reliable and sustainable **tools** to monitor, control and treat diseases
- Common & shared international **sanitary rules**
- Resilient and efficient **Veterinary Services**

Going to scale

- Accessibility & training for digital solutions
- Good national implementation of international Standards
- Continuous regional and international cross sectorial collaboration
- Adequate investment in animal health

Engaging Multilateral and International Organisations to address Digitalisation's challenges



G20

Buenos Aires, July 2018



Ministerial Meeting during Green Week

Berlin, January 2018



G20

Niigata, April 219

10. encourage the OIE, with the involvement of its member countries and in collaboration with its public and private partners, and taking into account existing systems operating at national and international level, to develop an animal data system that leverages the opportunities presented by digitalization for more efficient management of animal diseases;



**Effective Rule-Making by International Organizations:
New and Emerging Approaches in the Digital-Data Era**

OECD

New York, April 2019

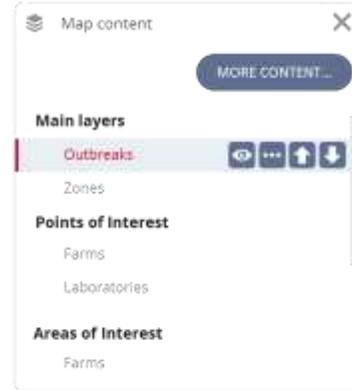
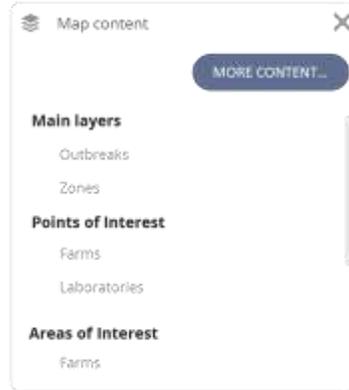
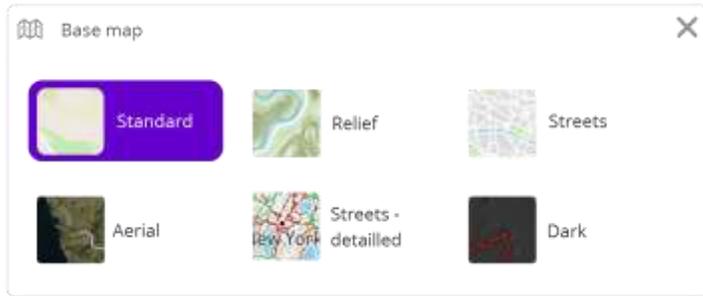
Innovative Solutions for Animal Disease Notification

TOOLS

OIE-WAHIS



Enhanced maps

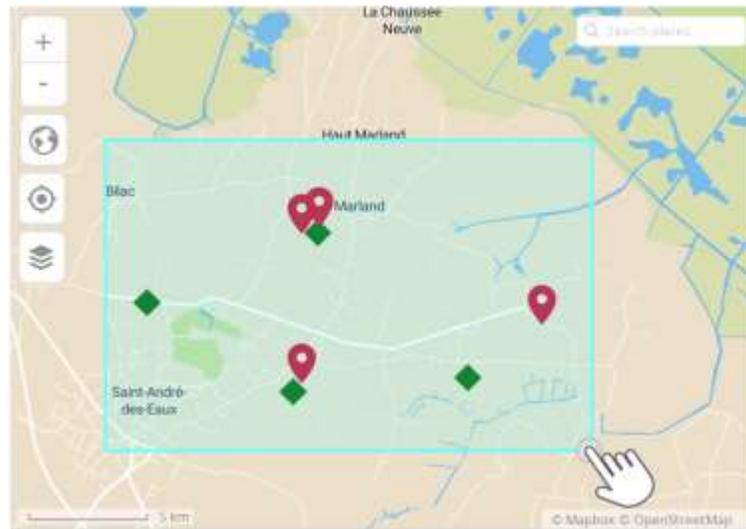
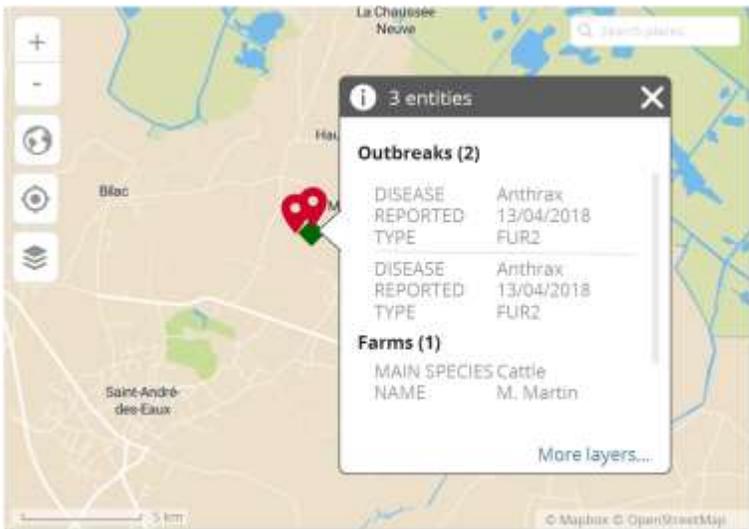


Content layers and basemaps

Mapping Features

Search by zone or radius

Advanced localization



OIE Pathogen Genomic Platform

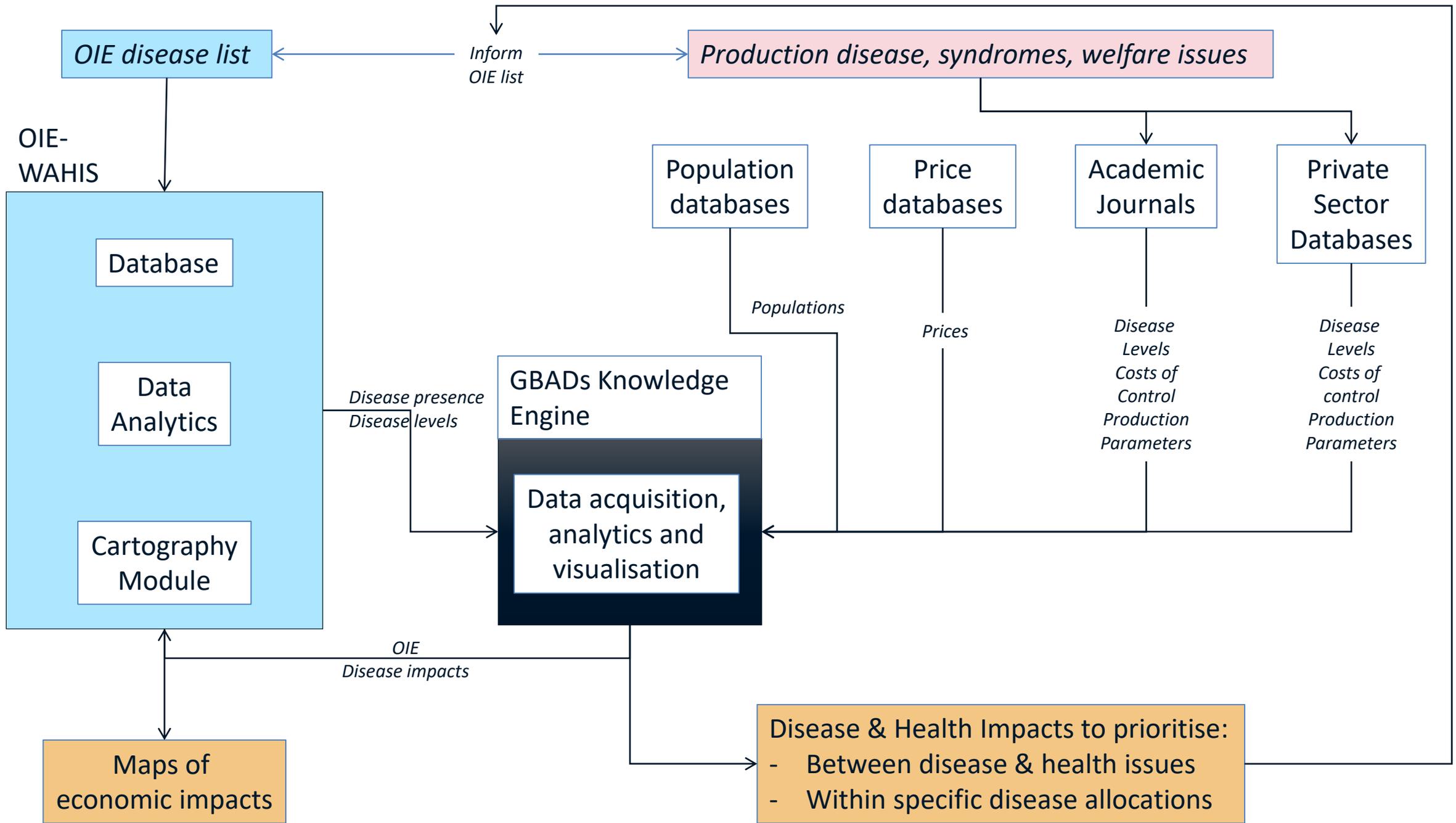
Objective: Develop a web-based platform to (i) collect digital sequence data and to (ii) link these data with the corresponding epidemiological data in OIE-WAHIS

Outcome: Provide a permanent and official record of the genetic sequences of pathogens that have been the subject of country reports to the OIE

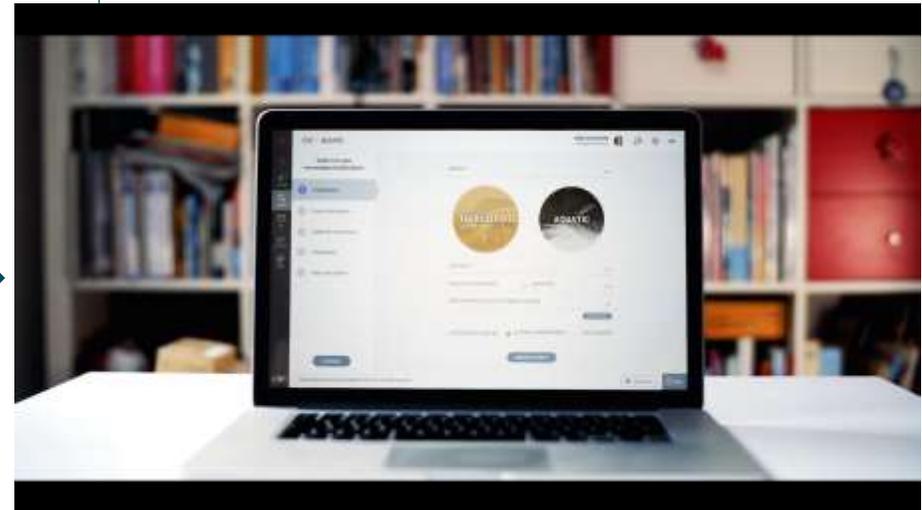
So far: concept note, soliciting funding

Resolution No. 33 adopted by the World Assembly of OIE Delegates in 2015.





Video OIE-WAHIS



Next Event to be organized:

**Conference "One Health for the Mediterranean Region in the Age of Big Data",
Cagliari, Italy, 30 Sept-2 Oct 2019**

A large school of fish swimming in clear blue water, with a hand holding a white sign that says "THANK YOU".

**THANK
YOU**