Use of tools for Epidemic intelligence

Paolo Tizzani
OIE, World Animal Health Information and Analysis Department

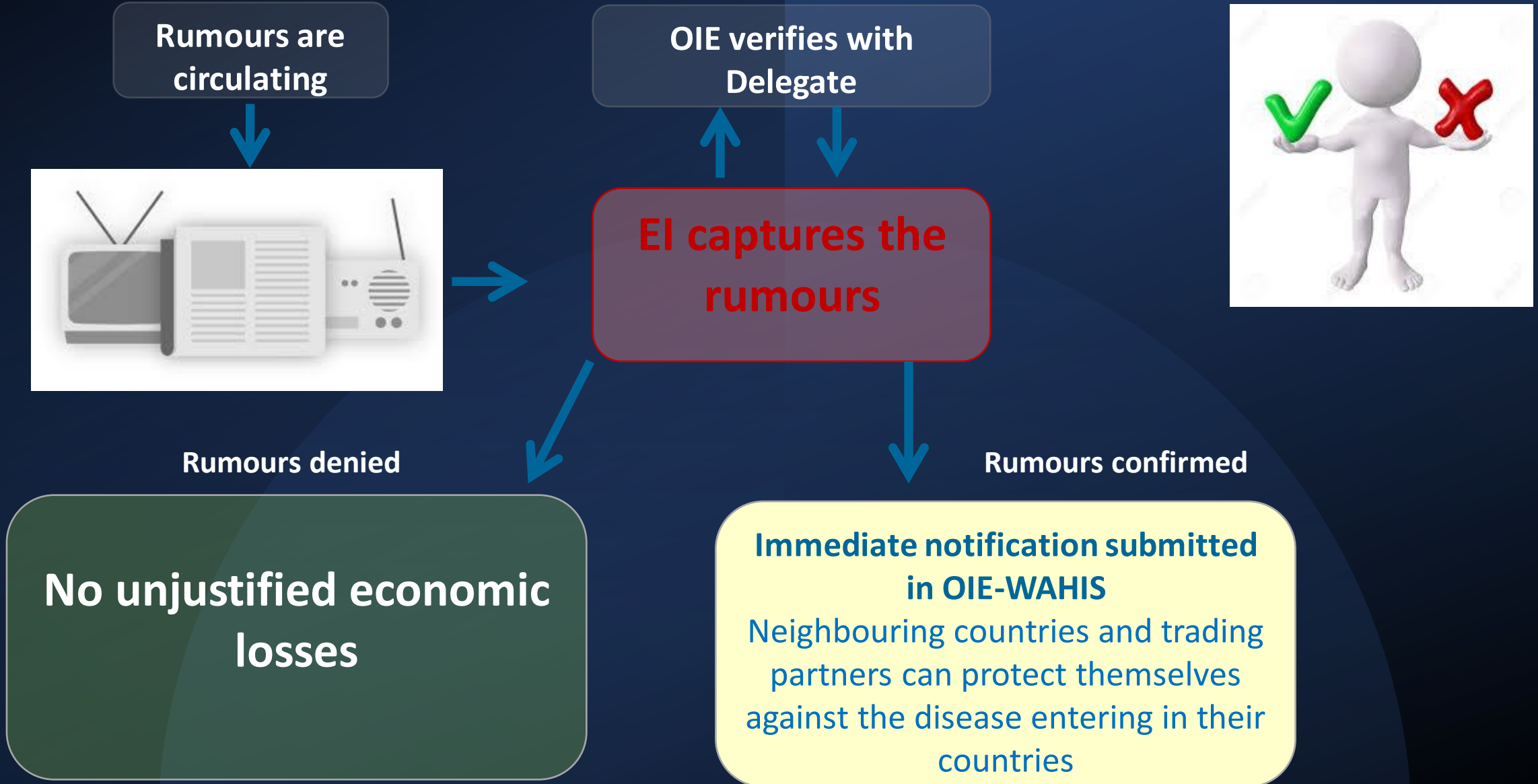# Disease notification and active search at the OIE

117 OIE-Listed diseases

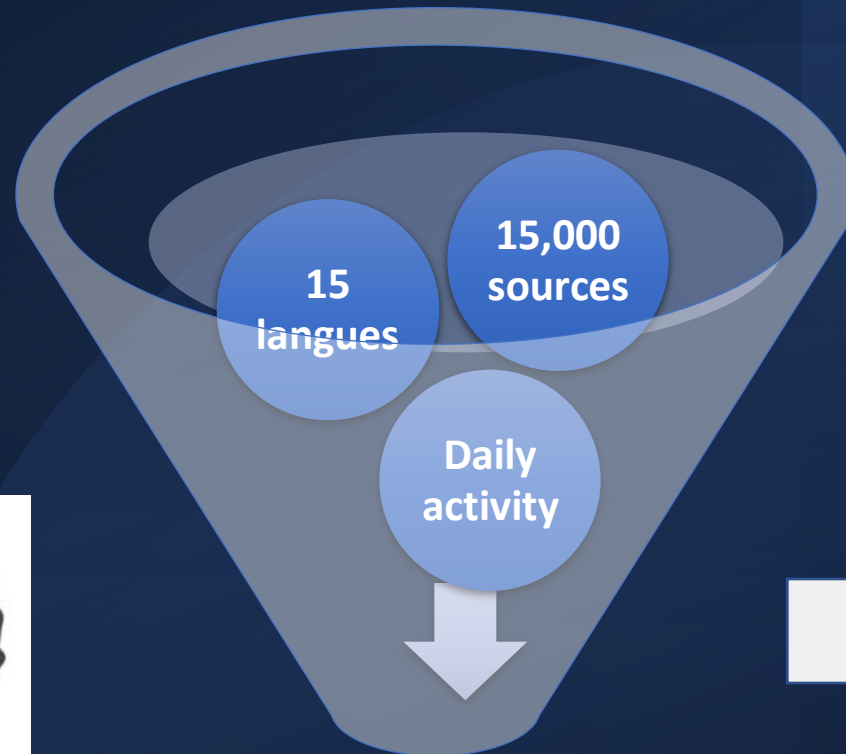**Emerging diseases**

53 non OIE-Listed diseases

https://www.oie.int/en/what-we-do/animal-health-and-welfare/animal-diseases/

Epidemic intelligence (EI) activity helps deny or confirm rumours

Rumours are circulating

OIE verifies with Delegate

EI captures the rumours

Rumours denied

No unjustified economic losses

Rumours confirmed

Immediate notification submitted in OIE-WAHIS
Neighbouring countries and trading partners can protect themselves against the disease entering in their countries

Improving the notification system

Technological evolution and collaboration with partners: the tripartite agreement

Search for unoffical information

15 langues

15,000 sources

Daily activity

GLEWS *platform* — Global Early Warning and Response System for Major Animal Diseases, including Zoonoses
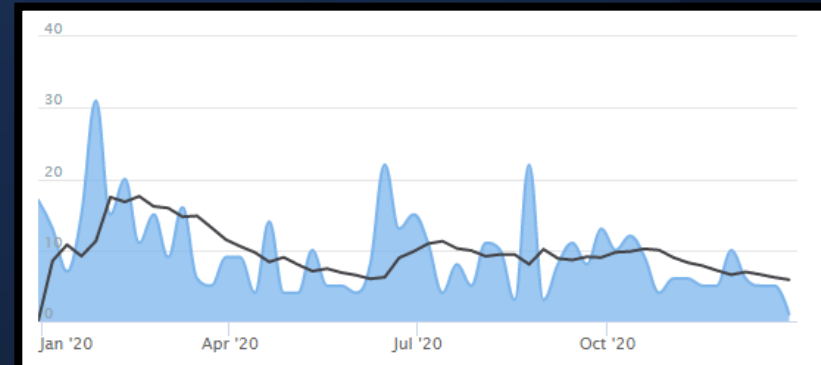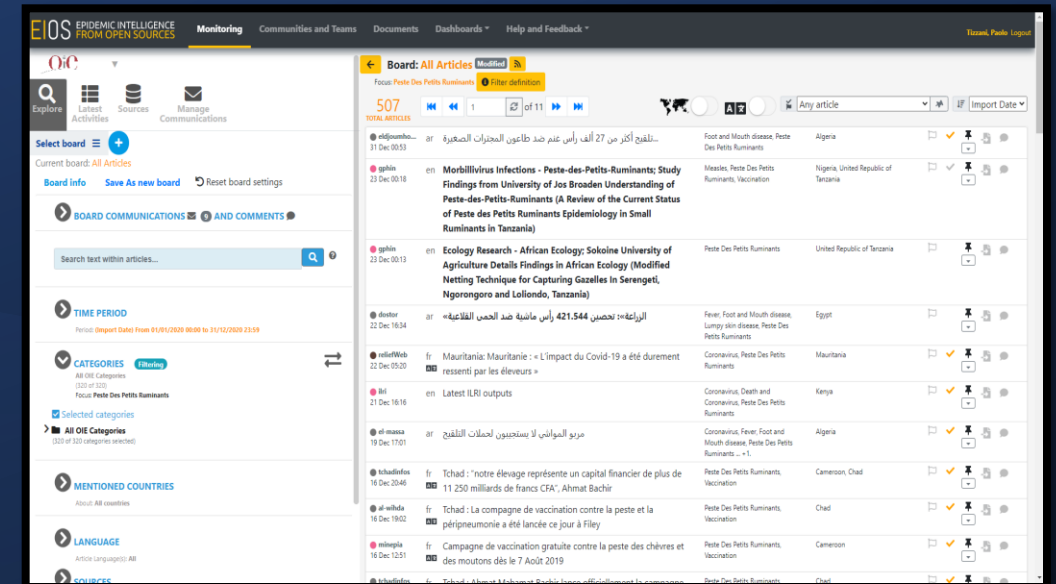**TRIPARTITE**

EIOS EPIDEMIC INTELLIGENCE FROM OPEN SOURCES **WHO**

Source — Intelliriver Source
IBIS (Australia)

Reference laboratories (OIE network)

OIE EI activity

- **EIOS** system for epidemic intelligence

- Daily screening of the web for all OIE-listed diseases (100,000 news screened in 2020)

- Constant communication between OIE and Members

- The tripartite **GLEWS** use independently the system

- A **GLEWS community** has been created in EIOS to improve exchanges at tri[partite level

- Around 10% of Immediate notification submitted thanks to active search of rumours

Thank you for your attention

Paolo Tizzani

p.tizzani@oie.int

12, rue de Prony, 75017 Paris, France
www.oie.int
media@oie.int - oie@oie.int

WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future