World Organisation for Animal Health

SEACFMD

SEACFMD EPIDEMIOLOGY NETWORK MEETING

Enhancing Transparency and Early Detection in Disease Reporting

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13-15 May 2025,
Qingdao, People's Republic of China

The Project on Asia-Pacific in supporting early threat warning

Australian Government
Department of Agriculture, Fisheries and Forestry

Aim: to promote transparency in disease reporting and sharing.

Objective: to strengthen WOAH's early warning systems in Asia and the Pacific region through intelligence-gathering, active search activity (rumour tracking), and information sharing.

Active search activity:

- ✓ Established Active Search Team: Formed in 2002 at headquarters, with an expansion to the Asia and Pacific Region in 2023.
- ✓ Active search for unofficial news related to animal diseases
- ✓ Using Epidemic Intelligence from Open Sources (EIOS) platform for data collection

EIOS EPIDEMIC INTELLIGENCE FROM OPEN SOURCES

- **What is EIOS ?**

Real time data collection from various sources using AI

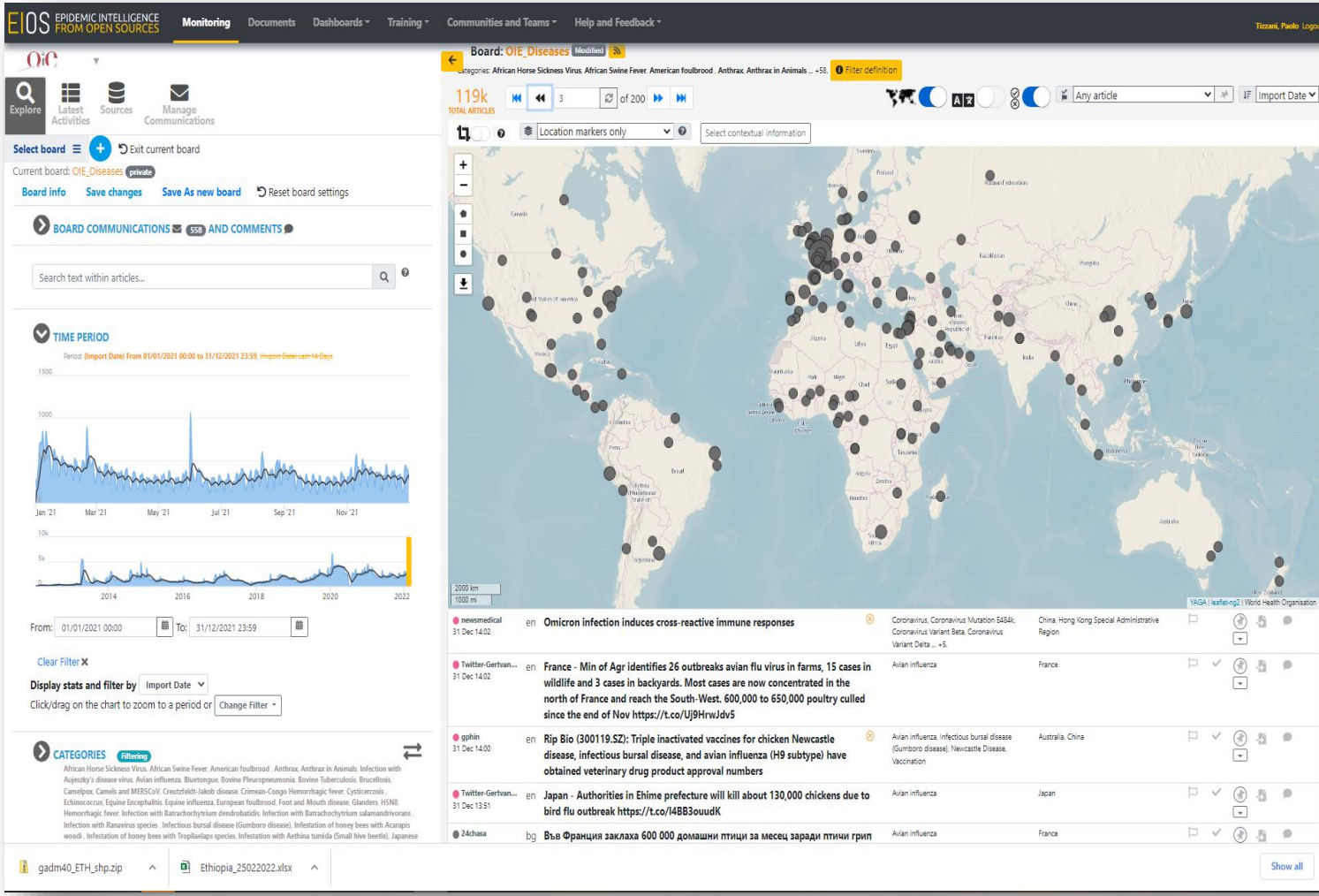
15,000 sources

500 disease categories

50 languages

100,000 – 150,000 news/year

Communication between WOAH and its Members



4 ACTIVE SEARCH PROCEDURE APPLIED BY WOAH

ACTIVE SEARCH TEAM ACTIVITY

Detection

Twice a week, screening of the web for WOAH listed and emerging diseases

Verification

Communicate with members to verify detected signals in their countries or territories.

Analysis

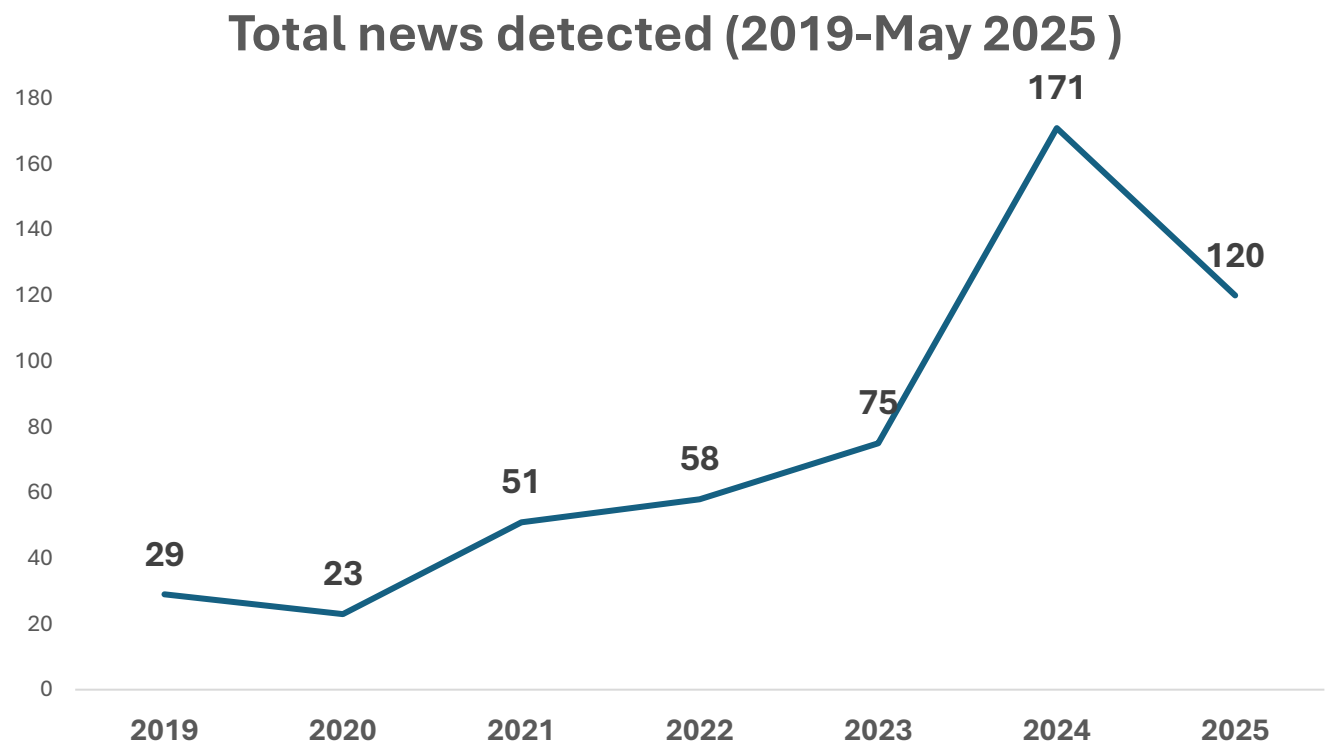
The team analyses this data to identify potential disease event of interest and assess their risks

Dissemination

The team shares this information internally to raise awareness.

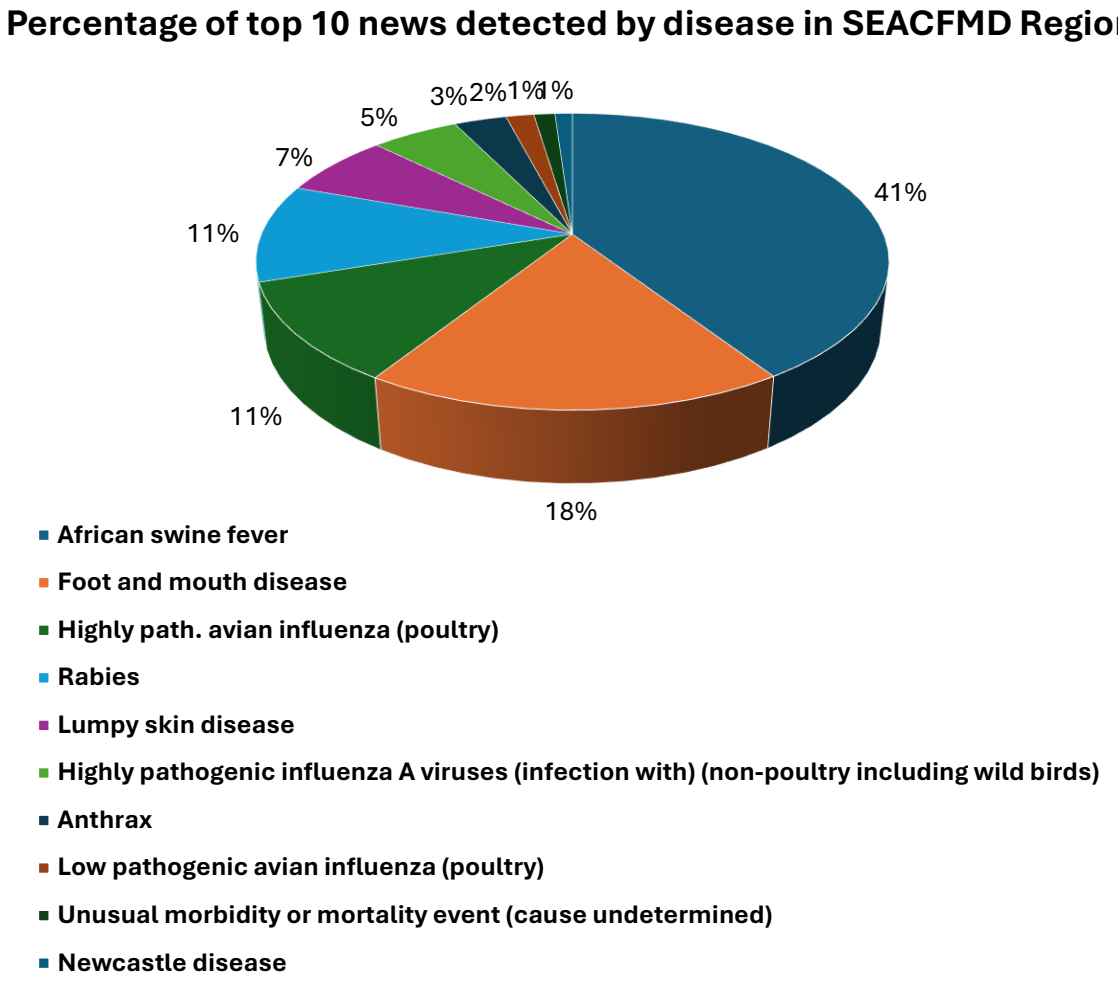
Monitor the submission of the official report to WAHIS (IN/FUR/SMR)

News detected SEACFMD Region

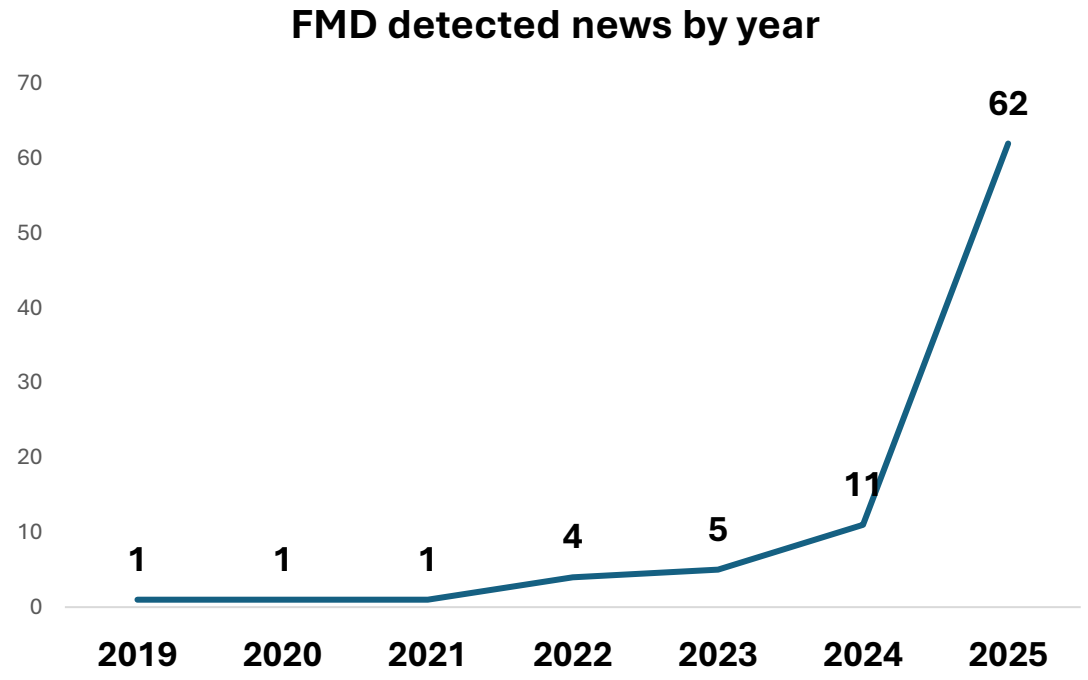


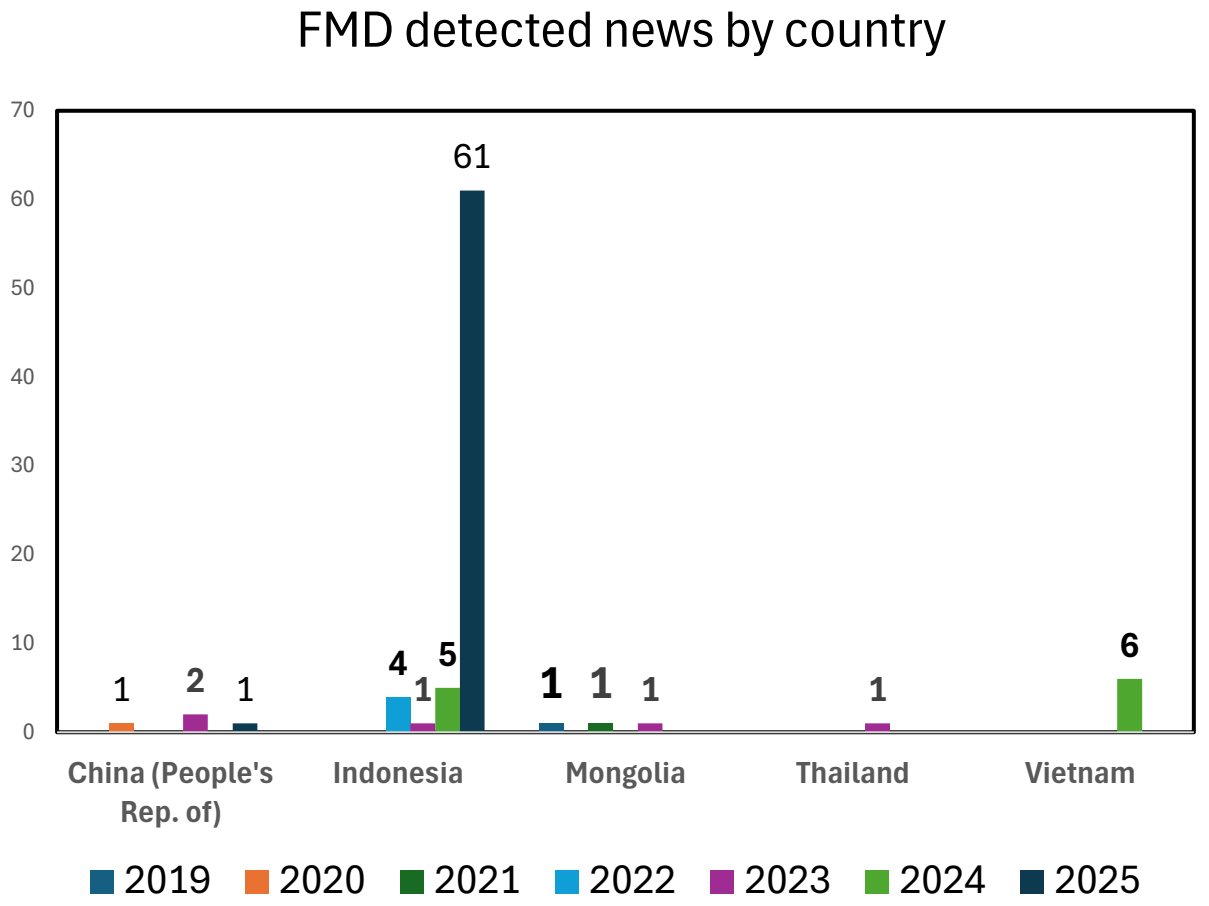
	Disease Name	Total
1	African swine fever	191
2	Foot and mouth disease	85
3	Highly path. avian influenza (poultry)	51
4	Rabies	50
5	Lumpy skin disease	32
6	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	25
7	Anthrax	15
8	Low pathogenic avian influenza (poultry)	8
9	Unusual morbidity or mortality event (cause undetermined)	6
10	Newcastle disease	5

News detected in the SEACFMD region



Detected news in the SEACFMD region





Source: WOAH AST

Expected impacts of these efforts

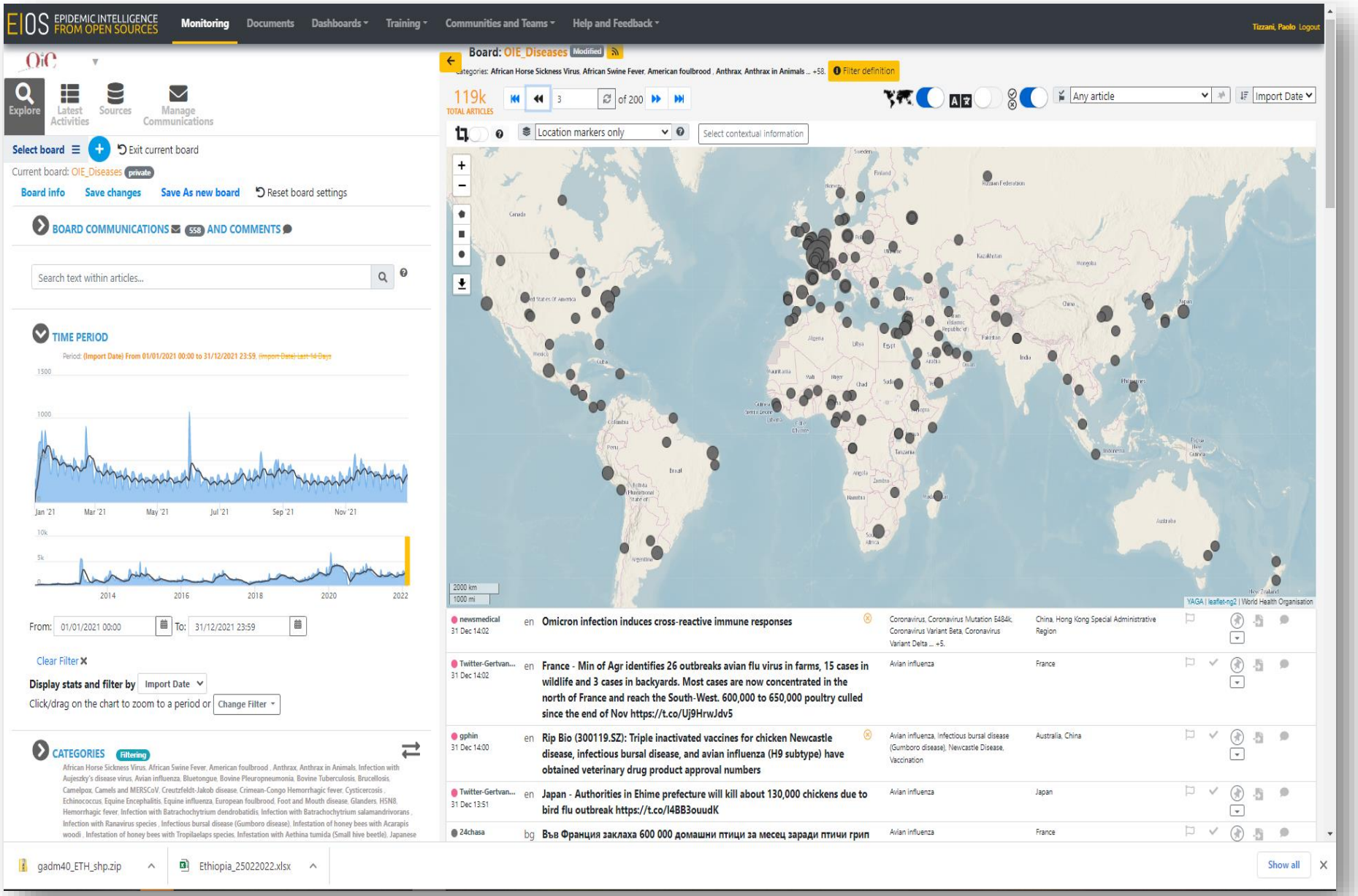
Improve the trust in WAHIS data

Reduce delays in disease sharing and reporting at regional level

Improve WOAH capacity to monitor undetected events at regional level (i.e., improve EIOS sensitivity & specificity)

Improve sensitivity of WAHIS system

Promote country/territory responsiveness & awareness of the importance of reporting


EIOS EPIDEMIC INTELLIGENCE FROM OPEN SOURCES
Monitoring
Documents
Dashboards
Training
Communities and Teams
Help and Feedback
Tizzani, Paolo Logout
Explore
Latest Activities
Sources
Manage Communications
Select board
Exit current board
Current board: OIE_Diseases private
Board info
Save changes
Save As new board
Reset board settings
BOARD COMMUNICATIONS 558 AND COMMENTS
Search text within articles...
TIME PERIOD
From: 01/01/2021 00:00
To: 31/12/2021 23:59
Clear Filter
Display stats and filter by Import Date
Click/drag on the chart to zoom to a period or Change Filter
CATEGORIES Filtering
Board: OIE_Diseases Modified
Filter definition
119k TOTAL ARTICLES
of 200
Any article
Import Date
Location markers only
Select contextual information
newsmedical 31 Dec 14:02 en Omicron infection induces cross-reactive immune responses
Twitter-Gertvan... 31 Dec 14:02 en France - Min of Agr identifies 26 outbreaks avian flu virus in farms, 15 cases in wildlife and 3 cases in backyards. Most cases are now concentrated in the north of France and reach the South-West. 600,000 to 650,000 poultry culled since the end of Nov https://t.co/Uj9HrwJdv5
gphin 31 Dec 14:00 en Rip Bio (300119.SZ): Triple inactivated vaccines for chicken Newcastle disease, infectious bursal disease, and avian influenza (H9 subtype) have obtained veterinary drug product approval numbers
Twitter-Gertvan... 31 Dec 13:51 en Japan - Authorities in Ehime prefecture will kill about 130,000 chickens due to bird flu outbreak https://t.co/l4BB3ouudK
24chasa bg Във Франция заклаха 600 000 домашни птици за месец заради птичи грип
gadm40_ETH_shp.zip
Ethiopia_25022022.xlsx
Show all

Thank You