



World Organisation
for Animal Health



SEACFMD EPIDEMIOLOGY NETWORK MEETING

Enhancing Transparency and Early Detection
in Disease Reporting

Dr Bolortuya Purevsuren
SRRSEA

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**

A central graphic for 'ACTIVE SEARCH' featuring a computer monitor with a bar chart and an upward arrow, a magnifying glass over the monitor, a lightbulb, a clock, and interlocking gears. The background is a light blue grid with faint icons of a globe, a person, a play button, and a target.

ACTIVE SEARCH

Aim: to promote transparency in disease reporting and sharing.

Objective: to strengthen WOA'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

What is EIOS ?

Real time data collection from various sources using AI

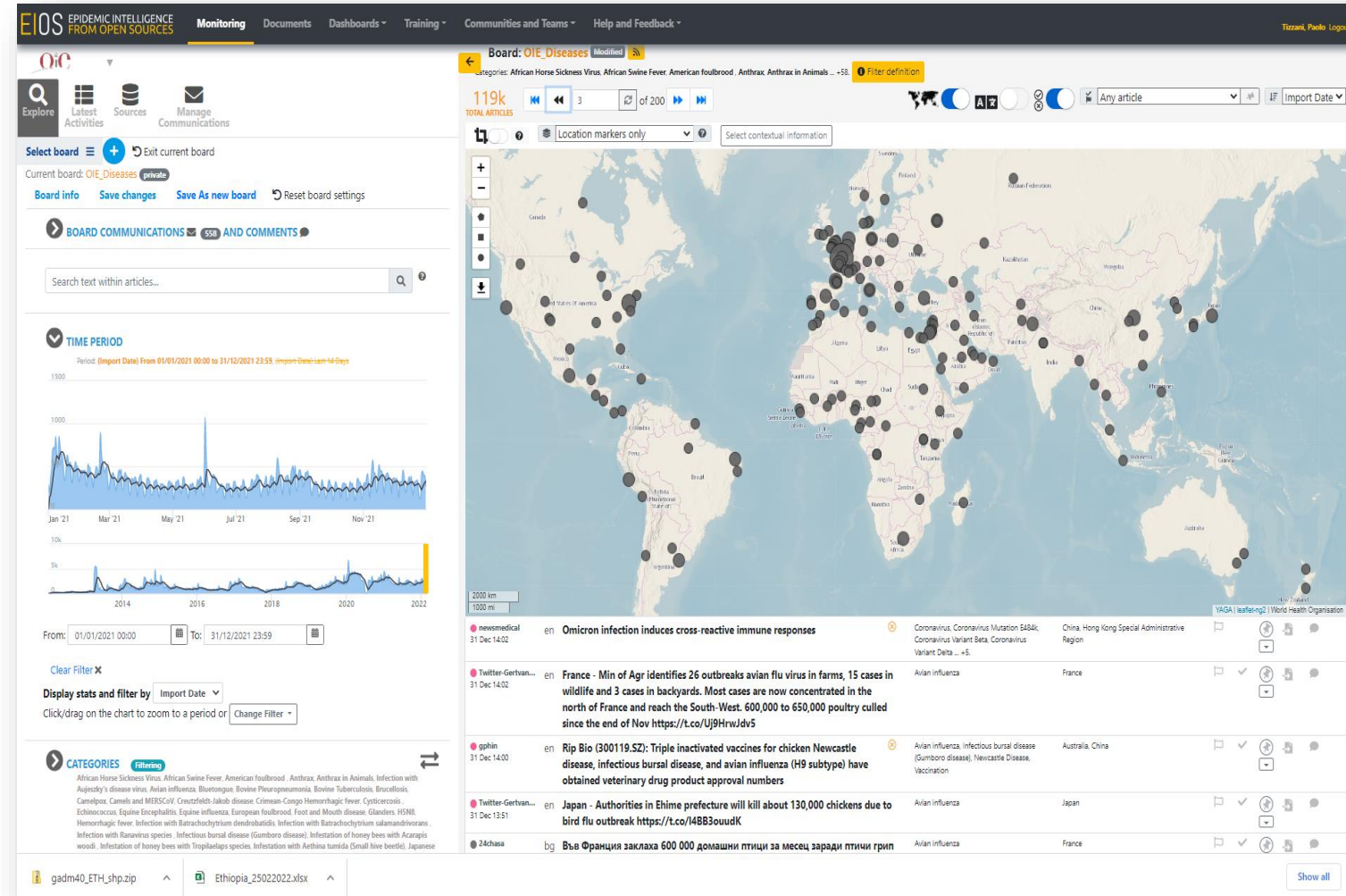
15,000 sources

500 disease categories

50 languages

100,000 – 150,000 news/year

Communication between WOA and its Members



4 ACTIVE SEARCH PROCEDURE APPLIED BY WOAHA

ACTIVE SEARCH TEAM ACTIVITY

Detection

Verification

Analysis

Dissemination



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



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

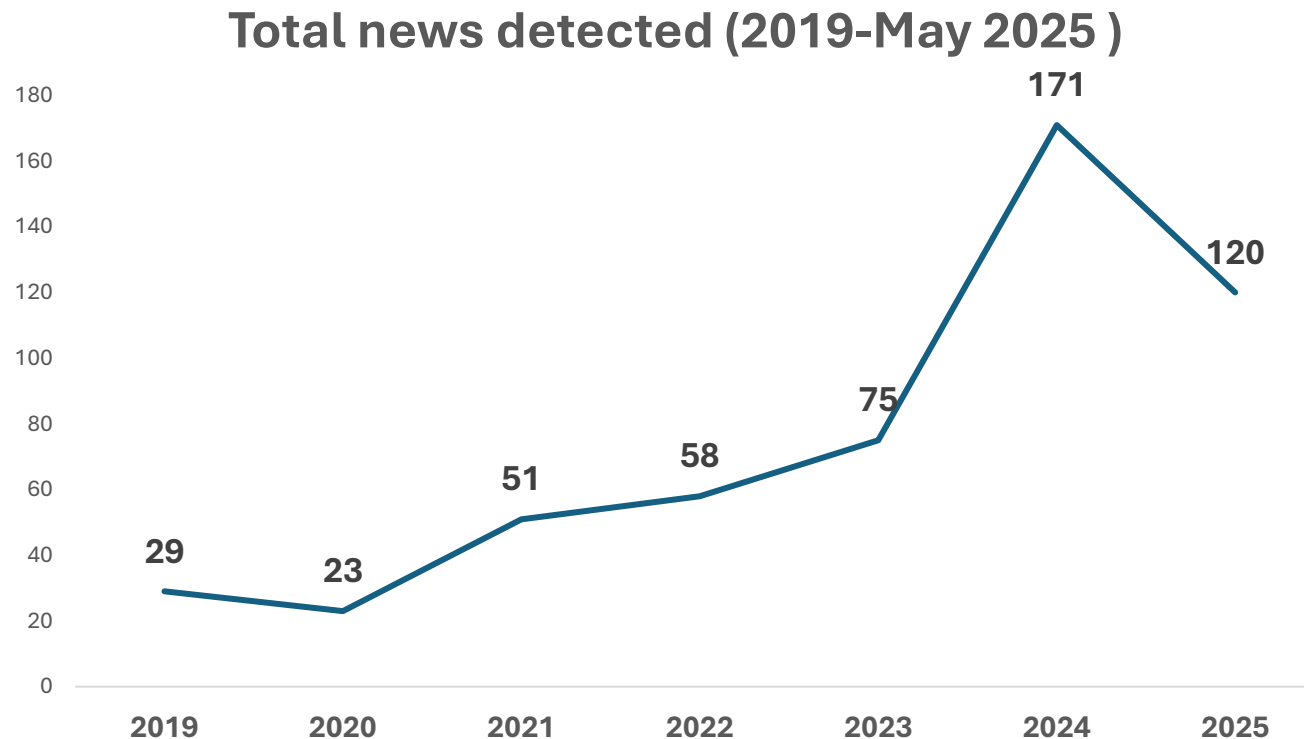


The team analyses this data to identify potential disease event of interest and assess their risks



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

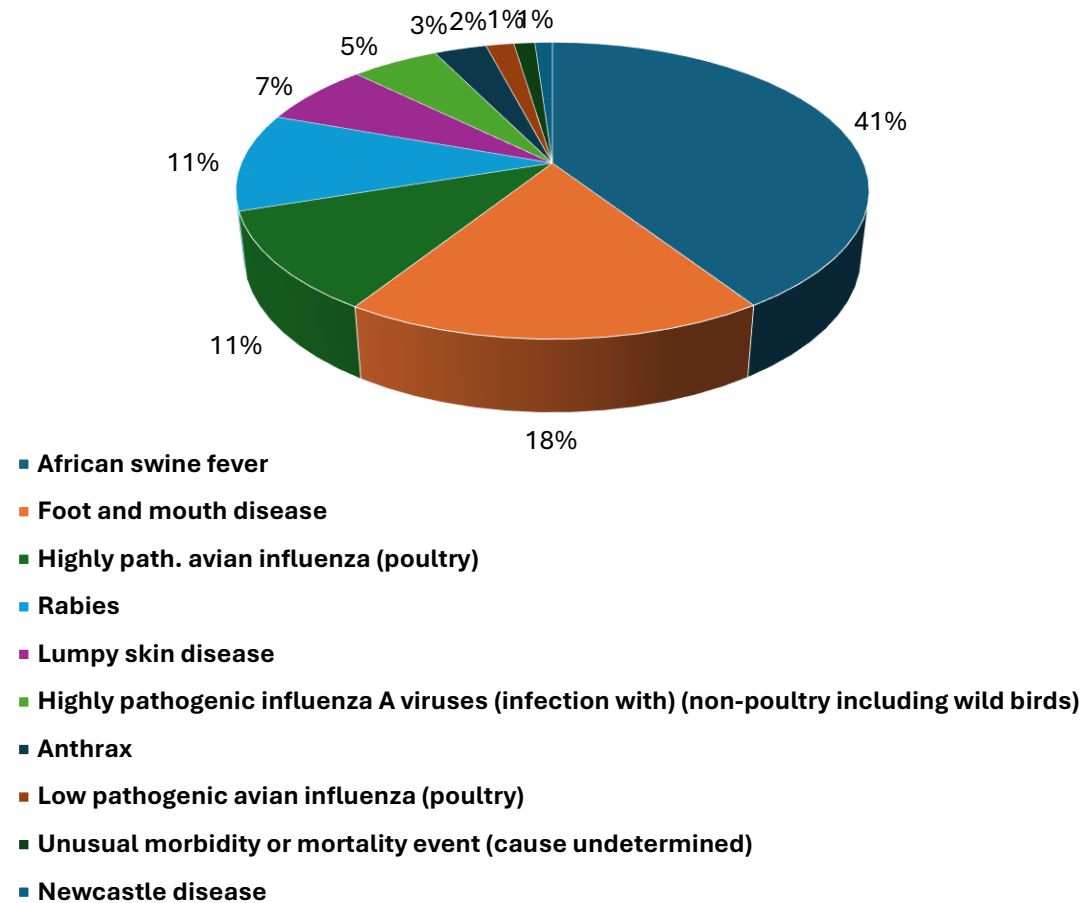


	Disease Name	Total
1	African swine fever	191
2	Foot and mouth disease	85
3	Highly path. avian influenza (poultry)	51
4	Rabies	50
5	Lumpy skin disease	32
	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	
6		25
7	Anthrax	15
	Low pathogenic avian influenza (poultry)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



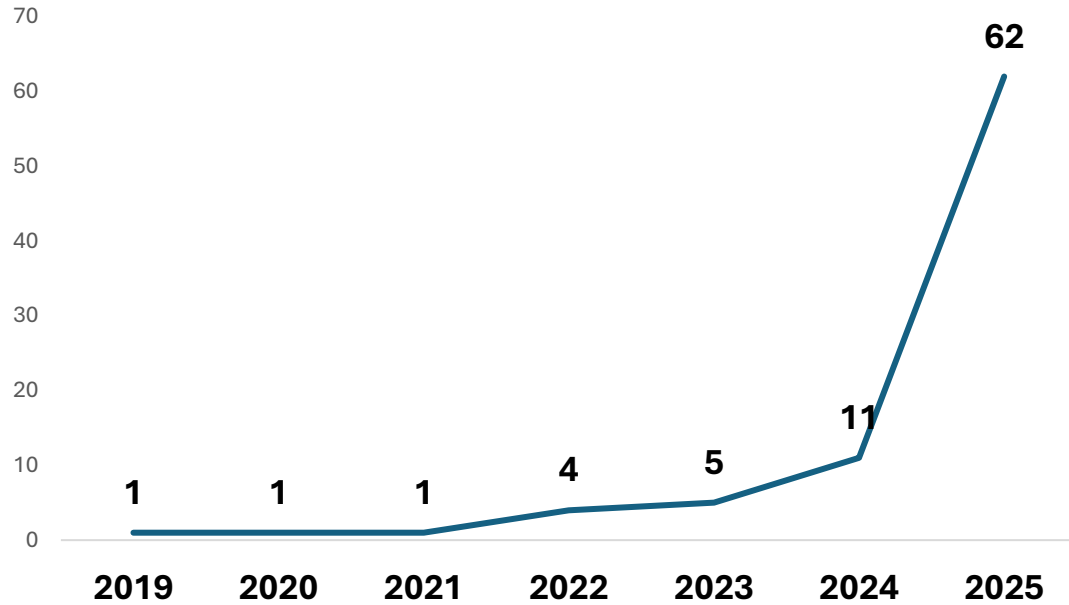
News detected in the SEACFMD region

Percentage of top 10 news detected by disease in SEACFMD Region

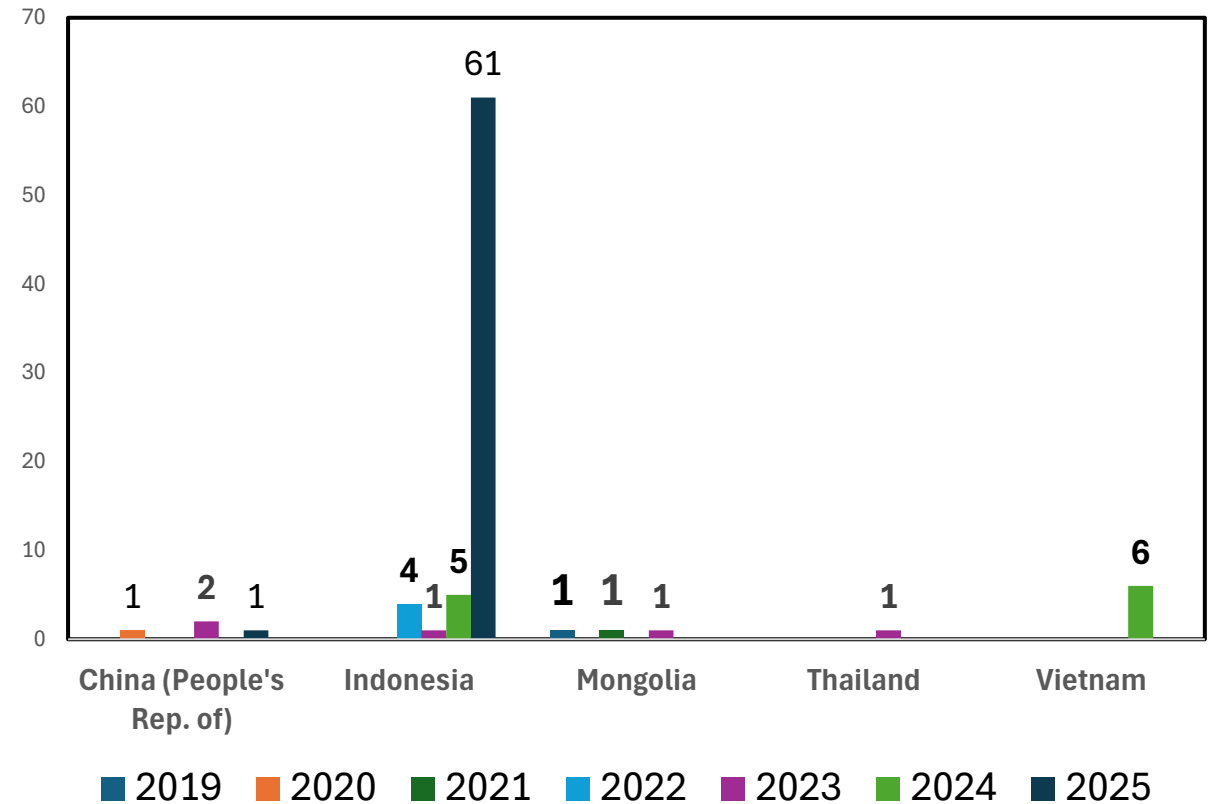


Detected news in the SEACFMD region

FMD detected news by year



FMD detected news by country



Source: WOAHA ST



Expected impacts of these efforts

Improve the **trust** in WAHIS data

Reduce **delays** in disease sharing and reporting at regional level

Improve WOAHA 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

QIE

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...

Q

TIME PERIOD

Period: (Import Date) From 01/01/2021 00:00 to 31/12/2021 23:59 (Import Date: last 14 days)

From: 01/01/2021 00:00

To: 31/12/2021 23:59

Clear Filter X

Display stats and filter by Import Date

Click/drag on the chart to zoom to a period or Change Filter

CATEGORIES

Filtering

African Horse Sickness Virus, African Swine Fever, American foulbrood, Anthrax, Anthrax in Animals, Infection with Aujeszky's disease virus, Avian influenza, Bluetongue, Bovine Pleuropneumonia, Bovine Tuberculosis, Brucellosis, Camel pox, Camels and MERS-CoV, Creutzfeldt-Jakob disease, Crimean-Congo Hemorrhagic fever, Cysticercosis, Echinococcus, Equine Encephalitis, Equine influenza, European foulbrood, Foot and Mouth disease, Glanders, H5N8, Hemorrhagic fever, Infection with Batrachochytrium dendrobatidis, Infection with Batrachochytrium salamandrorans, Infection with Ranavirus species, Infectious bursal disease (Gumboro disease), Infestation of honey bees with Acarapis woodi, Infestation of honey bees with Tropilaelaps species, Infestation with Aethina tumida (Small hive beetle), Japanese

Board: OIE_Diseases

Modified

Filter definition

Categories: African Horse Sickness Virus, African Swine Fever, American foulbrood, Anthrax, Anthrax in Animals ... +58

119k TOTAL ARTICLES

3 of 200

Location markers only

Select contextual information

newsmedical

31 Dec 14:02

en

Omicron infection induces cross-reactive immune responses

Coronavirus, Coronavirus Mutation 5484k, Coronavirus Variant Beta, Coronavirus Variant Delta ... +5.

China, Hong Kong Special Administrative Region

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>

Avian influenza

France

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

Avian influenza, Infectious bursal disease (Gumboro disease), Newcastle Disease, Vaccination

Australia, China

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/148B3ouudK>

Avian influenza

Japan

24chasa

bg

Във Франция заклаха 600 000 домашни птици за месец заради птичи грип

Avian influenza

France

Show all X

gadm40_ETH_shp.zip

Ethiopia_25022022.xlsx

Thank You