

Analysis of the Animal Health Situation in Members in the region (2021 to 2023)

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World
Organisation
for Animal
Health
Founded as OIE

Organisation
mondiale
de la santé
animale
Fondée en tant qu'OIE

Organización
Mundial
de Sanidad
Animal
Fundada como OIE



Outline of the presentation

1. General situation of reporting to WAHIS in the region
 - Early warning module
 - Monitoring module
2. Animal disease situation in the region
 - Foot and mouth disease (FMD)
 - High pathogenicity avian influenza (HPAI)
 - Lumpy skin disease (LSD)
3. WAHIS project update



General situation of reporting to WAHIS in the region

1. Early warning module

- Immediate notifications and follow-up reports

2. Monitoring module

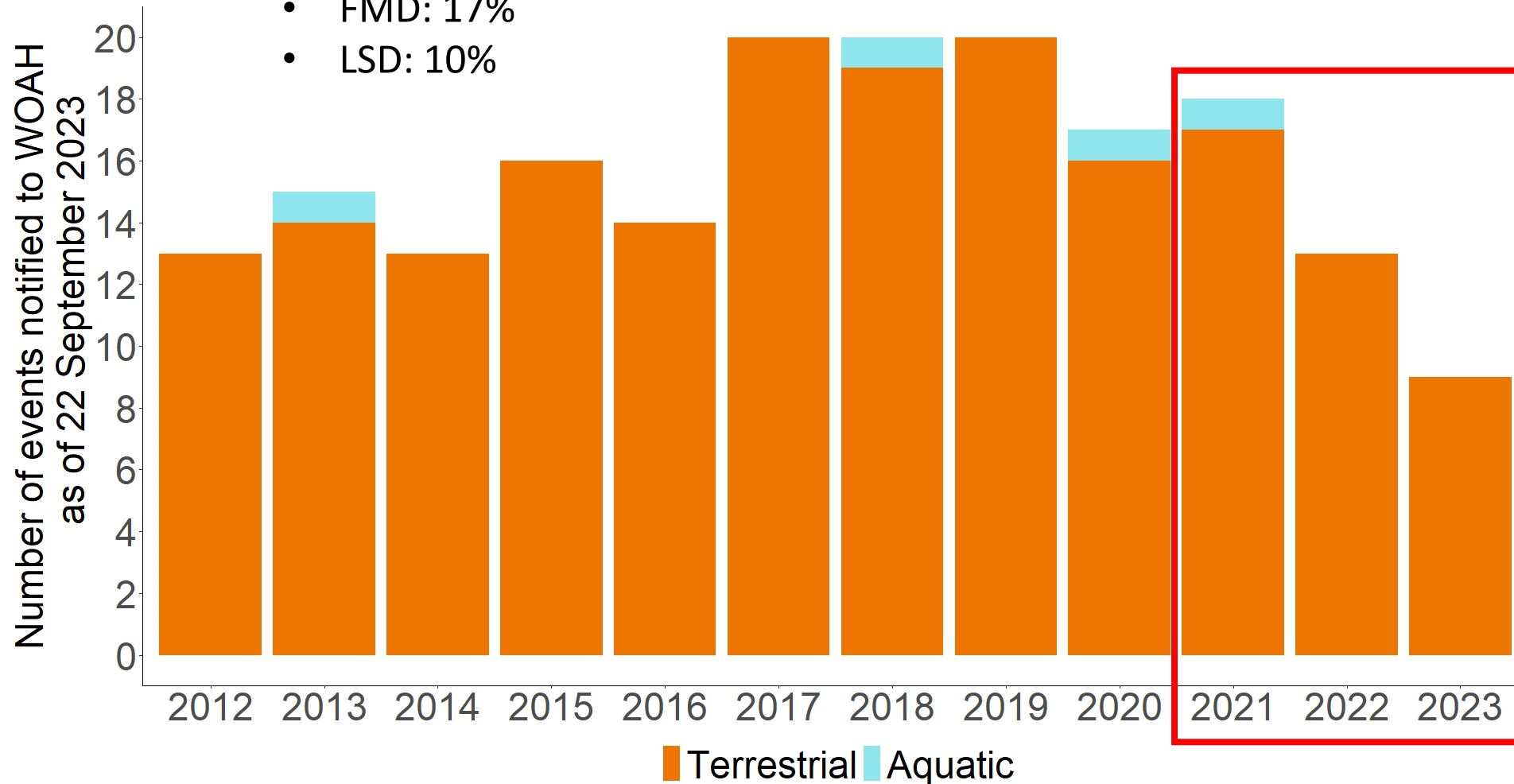
- Six-monthly reports



Early warning module: immediate notification (IN) and follow-up reports (FUR)

The main three diseases for which epidemiological events were notified to WOAH between 2012 and 2023 were:

- HPAI: 21%
- FMD: 17%
- LSD: 10%



- Since 2021
- FMD: 28%
 - HPAI: 25%
 - LSD: 13%

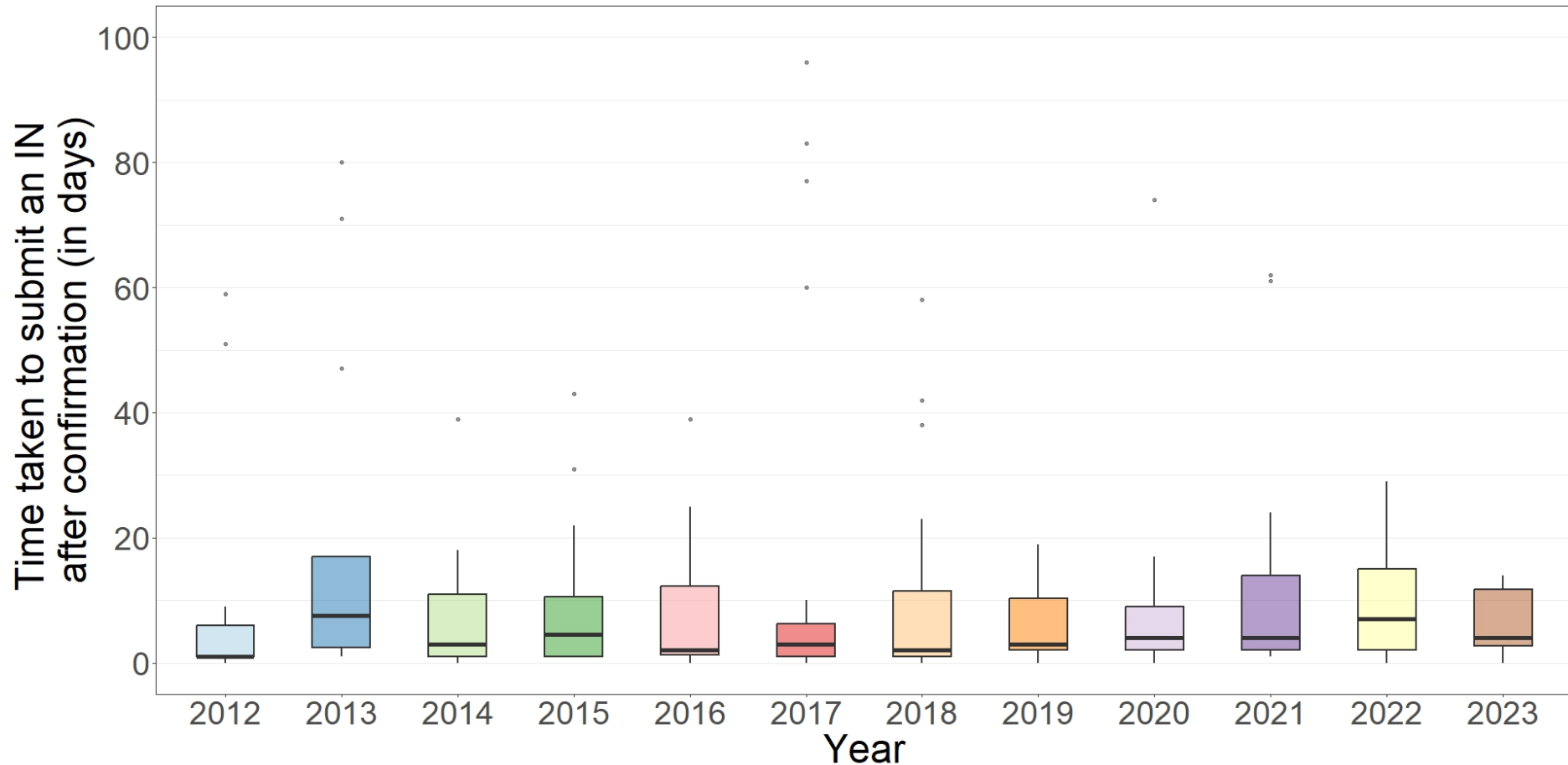
Early warning module: immediate notification (IN) and follow-up reports (FUR)

Article 11.3.

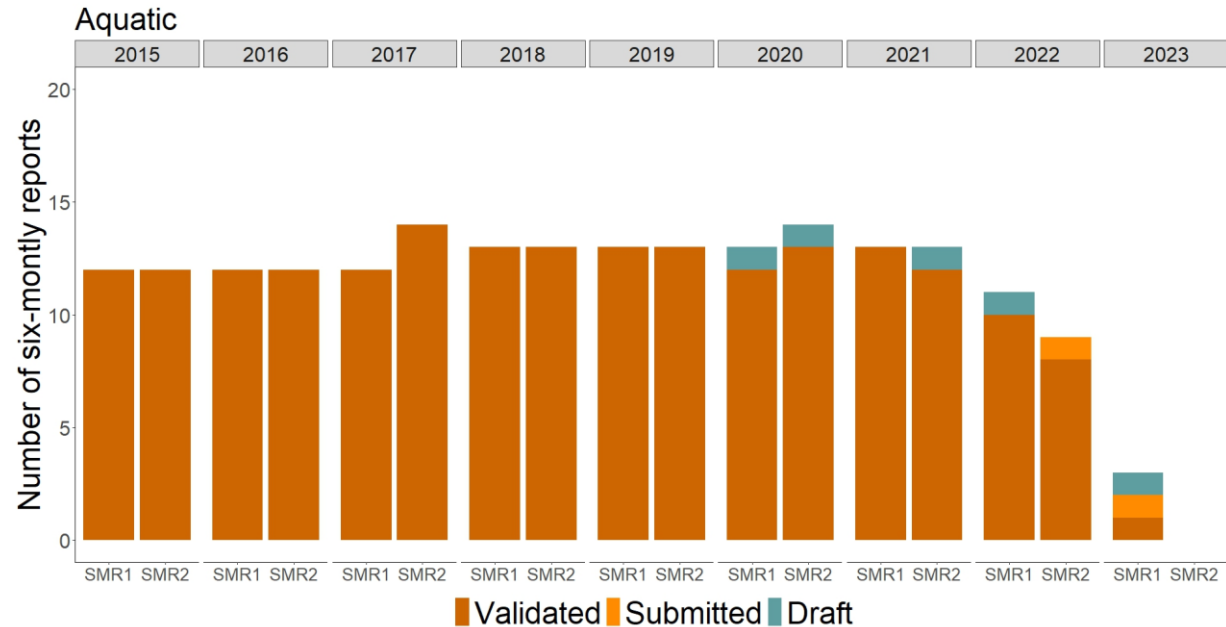
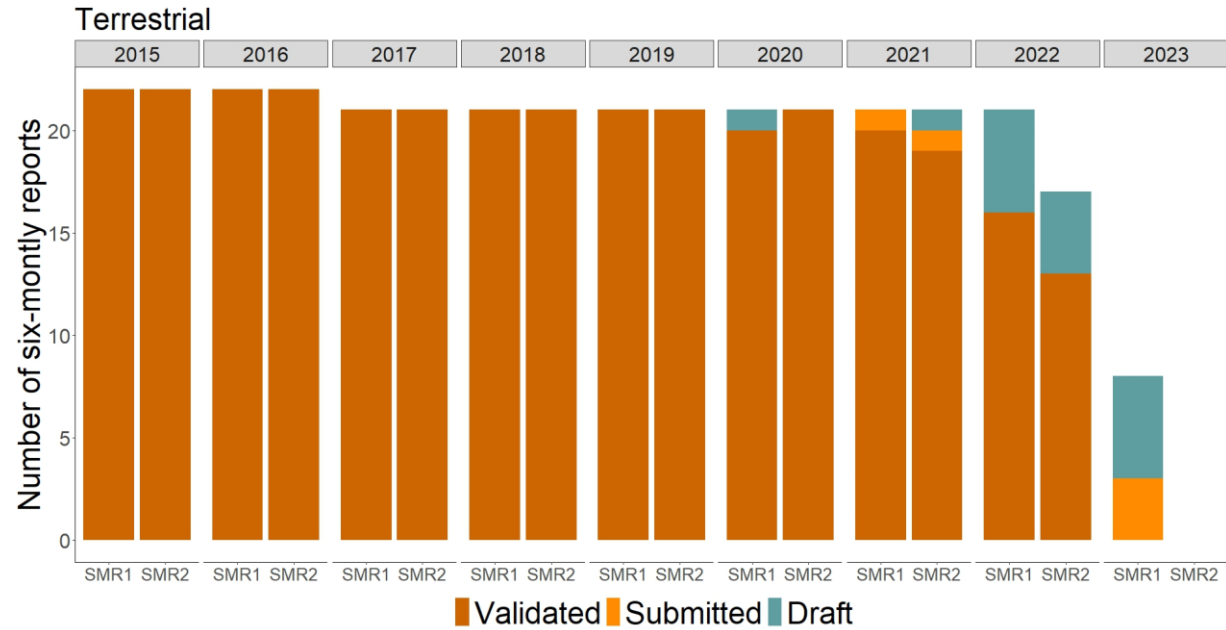
Veterinary Authorities shall, under the responsibility of the Delegate, send to the *Headquarters*:

1. in accordance with relevant provisions in the disease-specific chapters, *notification*, through the World Animal Health Information System (WAHIS) or by fax or email within 24 hours, of any of the following events:

Since 2012, the median time for submission of an IN after confirmation was 3.5 days although is 6 days since 2021



- 100% of SMRs submitted and validated up to 2015.
- Few reports in draft since 2020.
- Members already submitting and working on the SMR for the first semester of 2023



- 50% of SMRs submitted and validated since 2015, and a decrease since 2022.
- Few reports in draft since 2020.

How does WOAAH support Members in notifying data?

TRAINING

Training activities
after Go-Live

Support desk

- <https://wahis-support.woah.org>



Support materials

- F.A.Q. [Click here](#)
- Video tutorials [Click here](#)

One-on-one training support

- Deepen understanding of new functionalities
- Highlight best practices between Focal Points
- Share difficulties with the trainers

Additional support

Assist in data extraction and analysis

Production of disease distribution maps upon request

Provide support at regional level with WAHIS RR/SRR champions





WAHIS Catalogue of services

➤ <https://wahis-support.woah.org>



Request one to one virtual session for: (i) Immediate notification and follow up report; (ii) Six monthly report;



Request the guiding tour on WAHIS Public interface and Analytics



Request to implement Annual map update or assist you to generate disease situation map



Request weekly data extraction from Immediate notification and follow-up reports



Request more information about WAHIS APIs



Are you interested to invite us to participate in your business event? Please let us know



Animal disease situation in the region

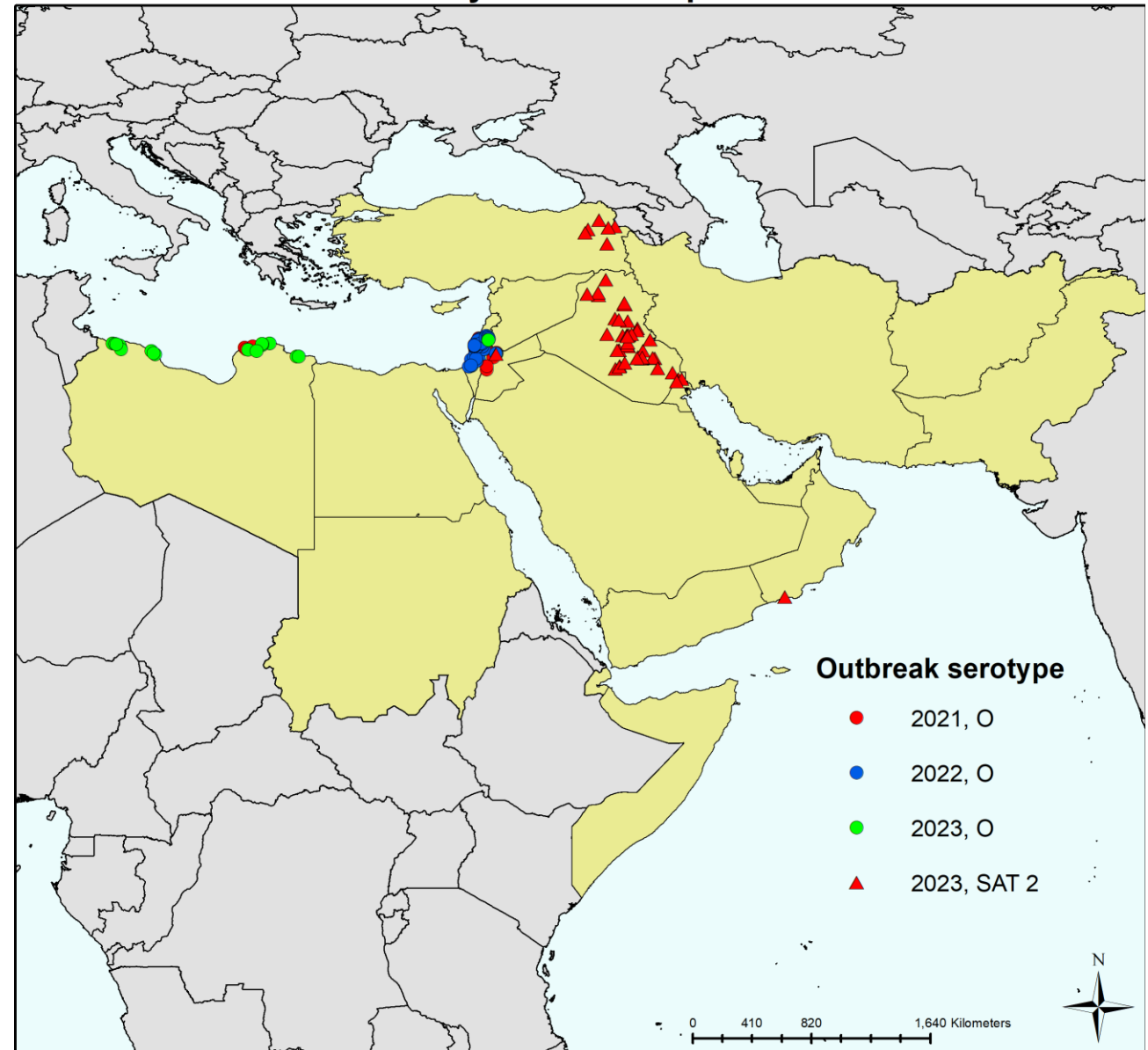
1. Foot and mouth disease (FMD)
2. High pathogenicity avian influenza (HPAI)
3. Lumpy skin disease (LSD)

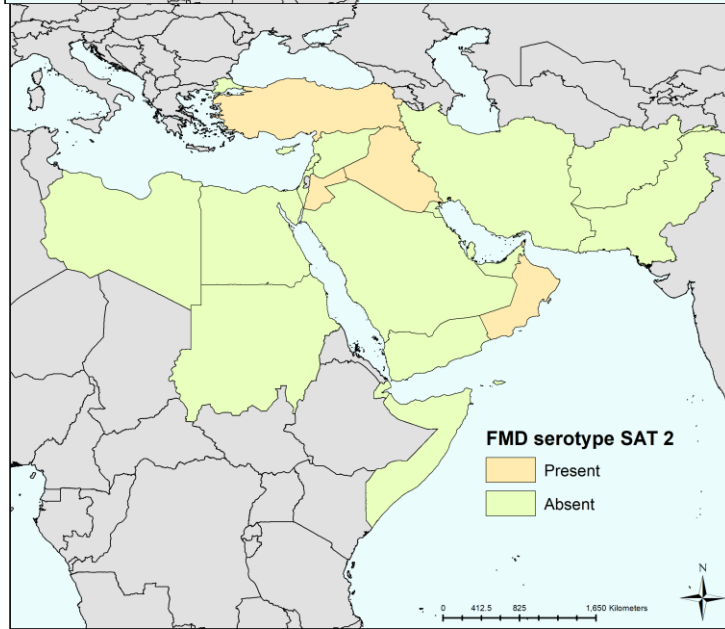
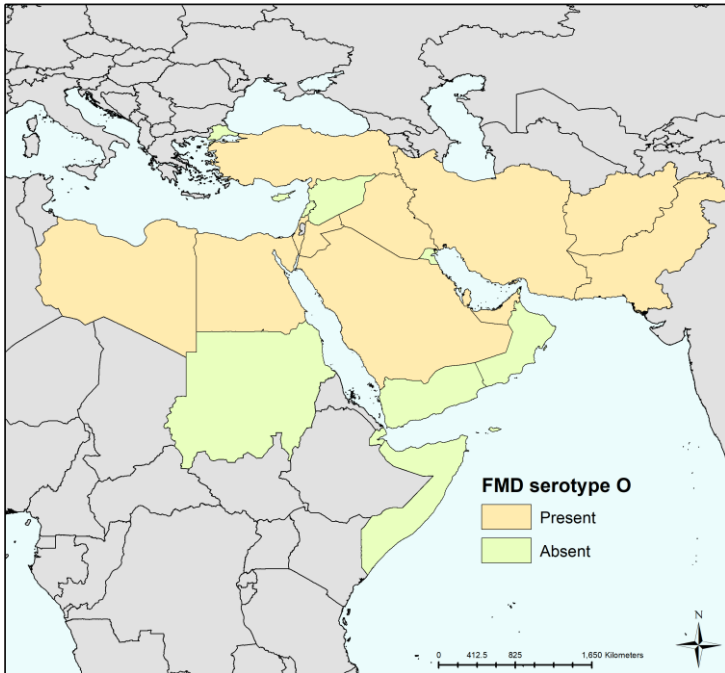
Infection with foot and mouth disease virus



- 47% of these outbreaks occurred in 2022
- Serotype SAT 2 represented 29% of the outbreaks while serotype O 71%
- Oman notified the first occurrence of an outbreak of serotype SAT 2 in the country

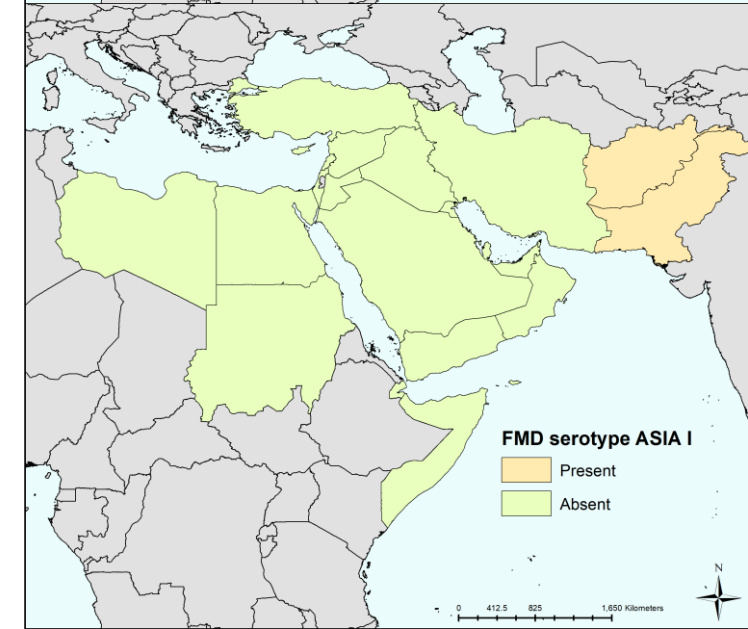
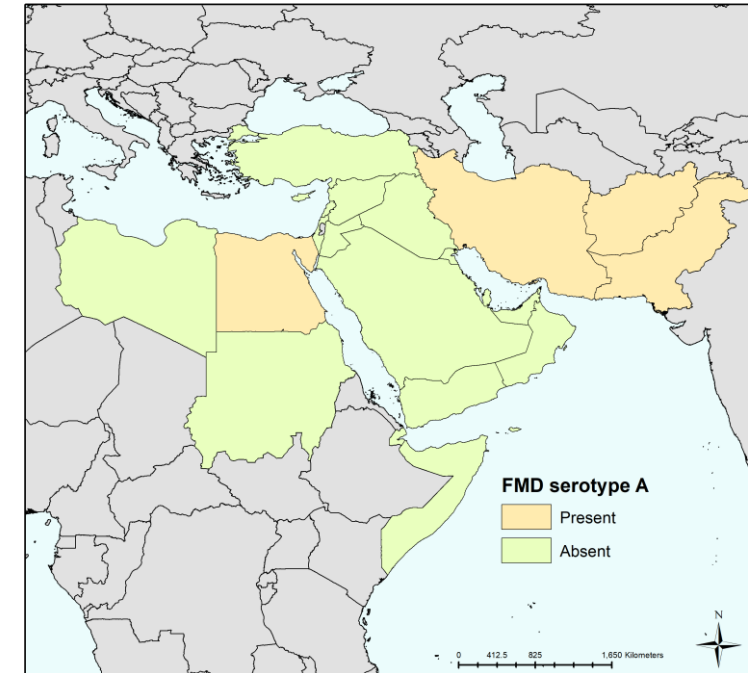
**FMD outbreaks reported through the early warning module
from 1 January 2021 to 1 September 2023**

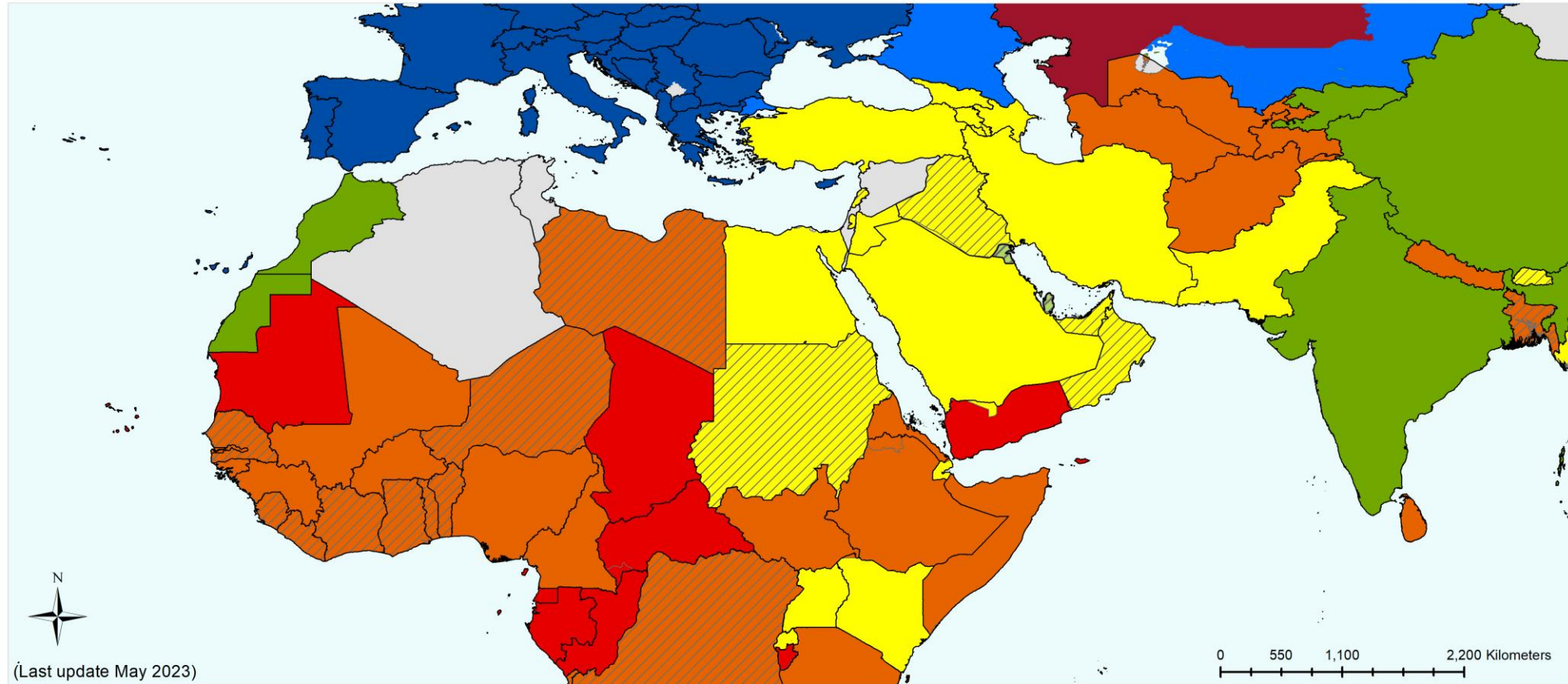




FMD situation between 2021 and 2023 according to the monitoring module:

- Six Members reported the disease as 'absent'. Cyprus is officially recognized as free country, while the Thrace zone of Türkiye is officially recognized as free zone.
- Serotype O is the most prevalent in the region.
- Sudan and Somalia reported the disease as 'present', but the serotype was not identified.

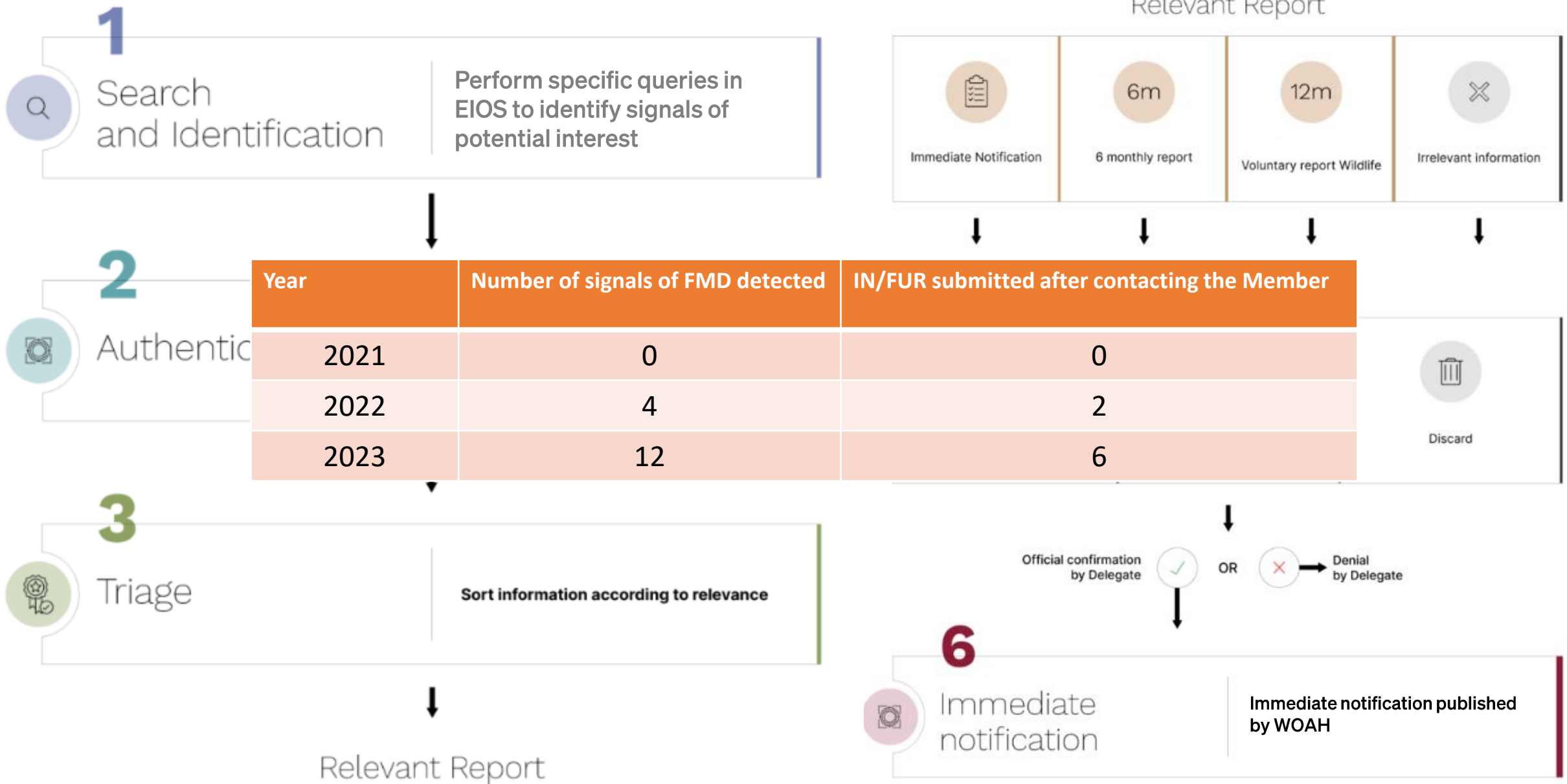




WOAH official status and FMD endorsed programmes, and PCP stages

- Countries and zones recognised as free from FMD without vaccination
- Countries and zones recognised as free from FMD with vaccination
- Countries and zones without a FMD official status or not assessed by the PCP
- Suspension of FMD free status
- Official control programme endorsed by WOAH
- PCP stage 3
- PCP provisional stage 3
- PCP stage 2
- PCP provisional stage 2
- PCP stage 1
- PCP provisional stage 1
- PCP stage 0

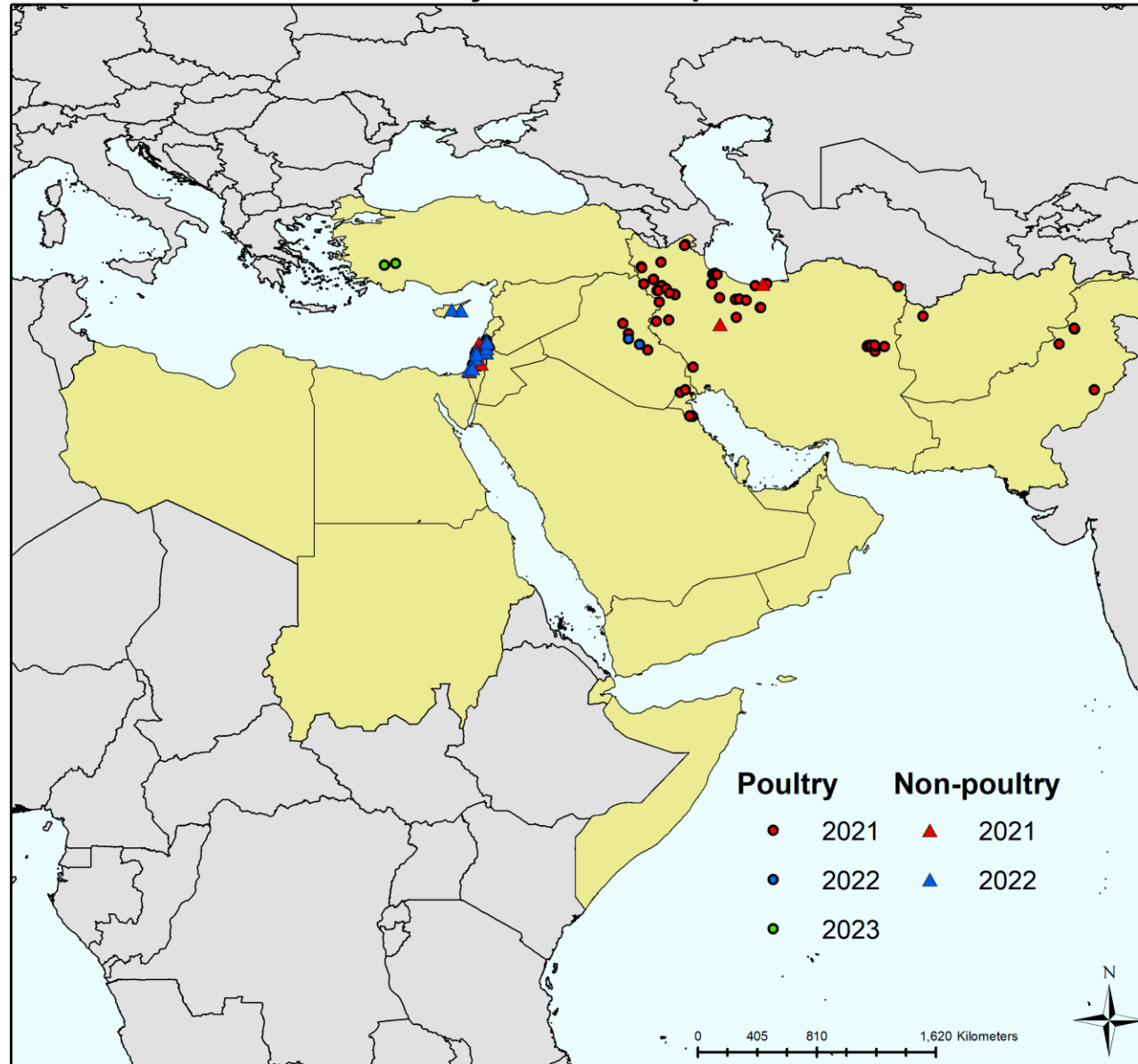
Infection with foot and mouth disease virus



Infection with high pathogenicity avian influenza viruses

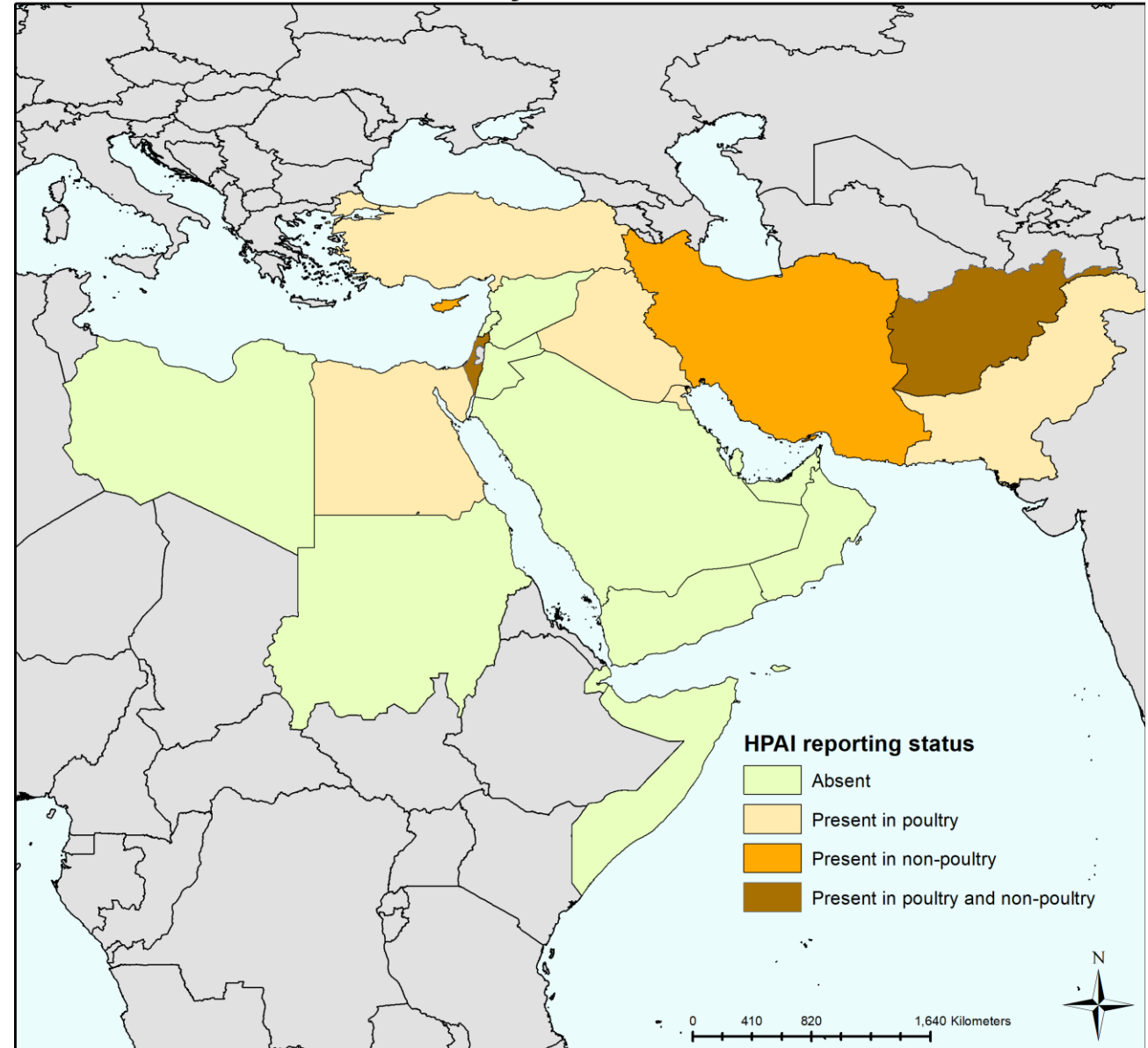


**HPAI outbreaks reported through the early warning module
from 1 January 2021 to 1 September 2023**



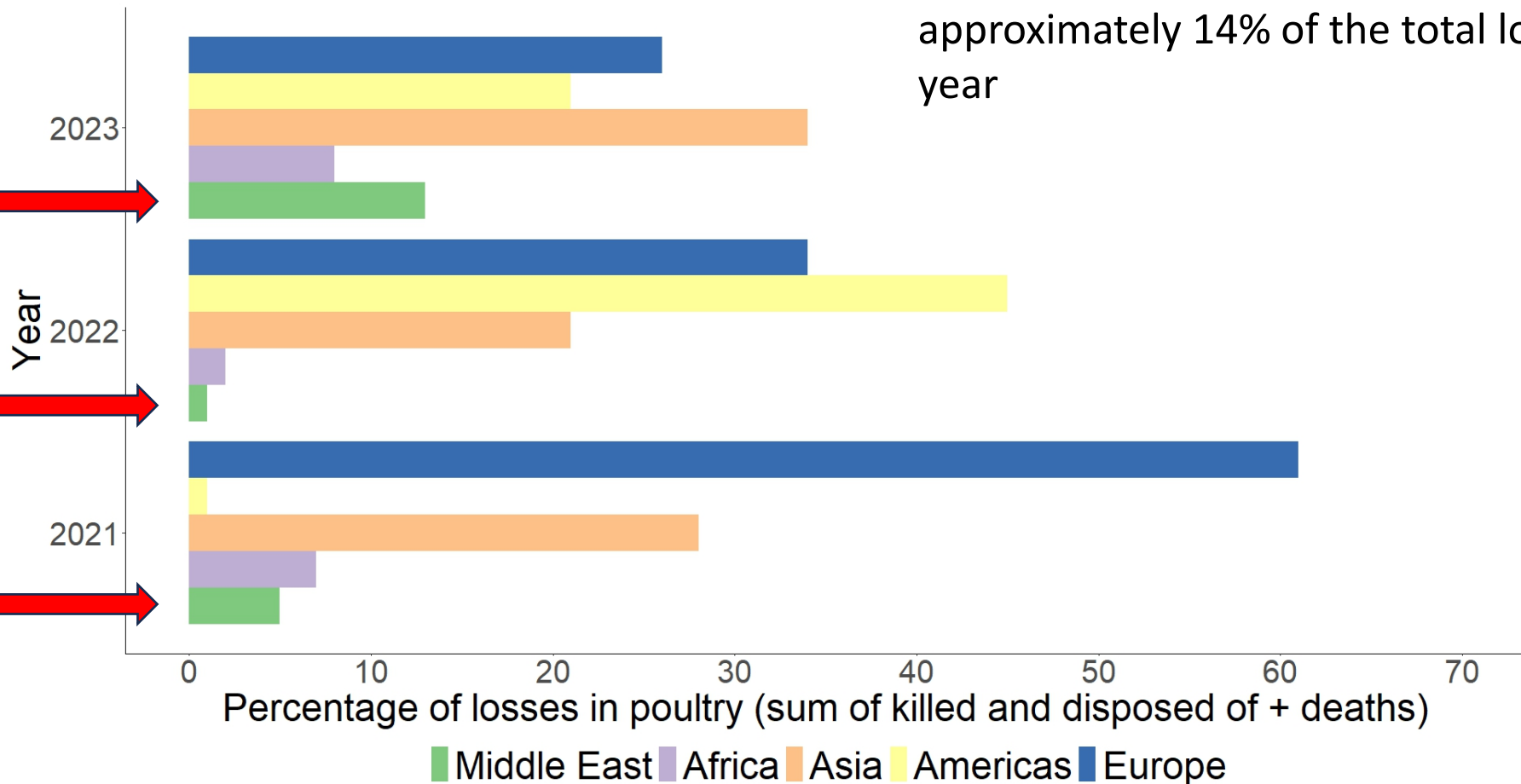
- The disease was reported as 'absent' by 65% of Members.
- In the rest, the disease has been present either in poultry or non-poultry (including wild species).
- Egypt has a Self-Declaration of Disease Freedom for HPAI in poultry in compartments.

Reporting status of HPAI in the region through the monitoring module from 1 January 2021 to 30 June 2023



Infection with high pathogenicity avian influenza viruses

- 74 outbreaks in poultry were reported in the region between 2021 and 2023 resulting in the loss of approximately 8.3 million birds.
- The number of losses in 2023 (up to 22 September) in the region increased compared to previous years and represents approximately 14% of the total losses worldwide during the year

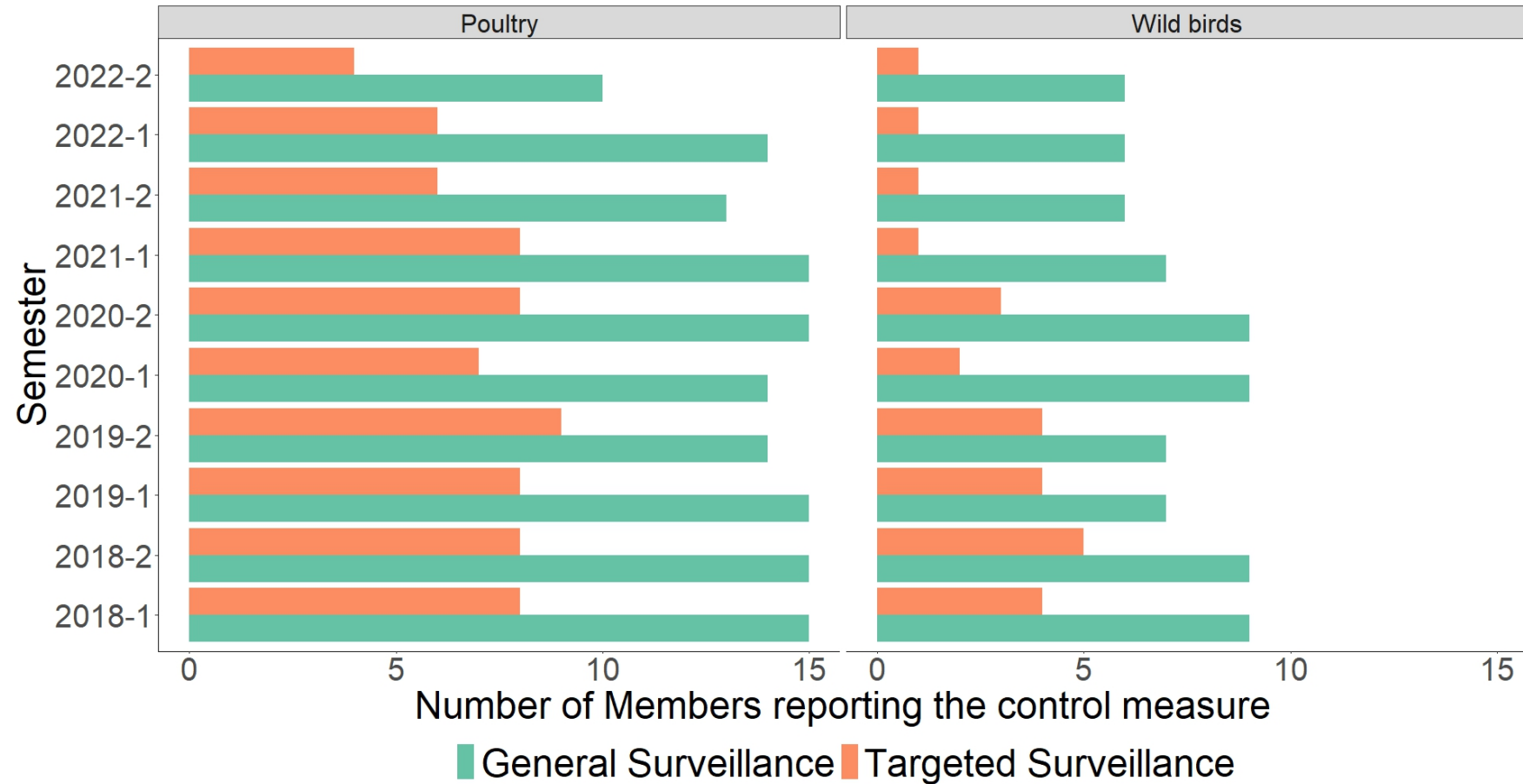


Poultry

- General surveillance: 70% of Members up to 2018
- Targeted surveillance: 35% of Members up to 2018

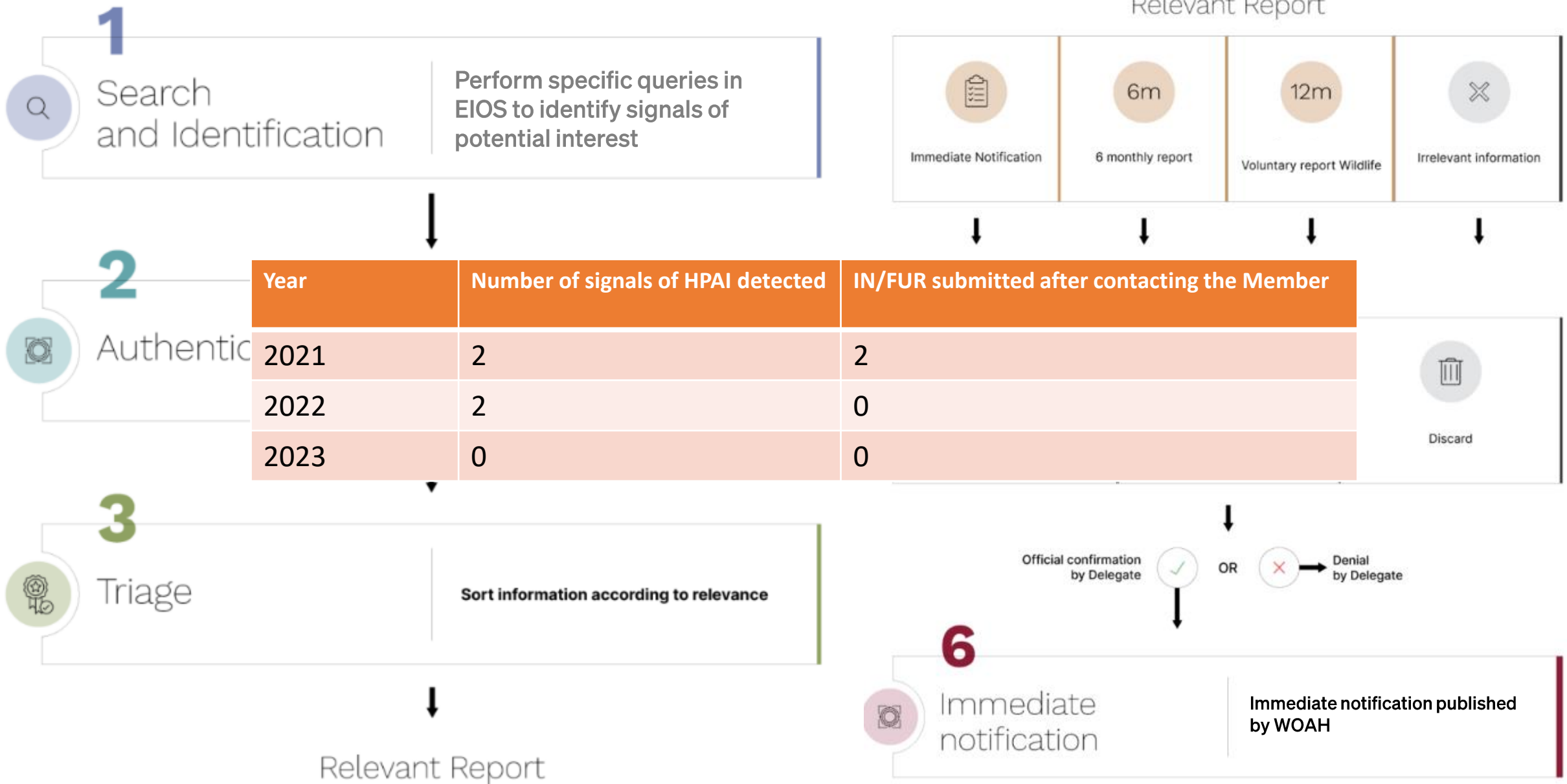
Wild birds

- General surveillance: 40% of Members up to 2018
- Targeted surveillance: 20% of Members up to 2018



* Incomplete data after 2018 and specially since 2022

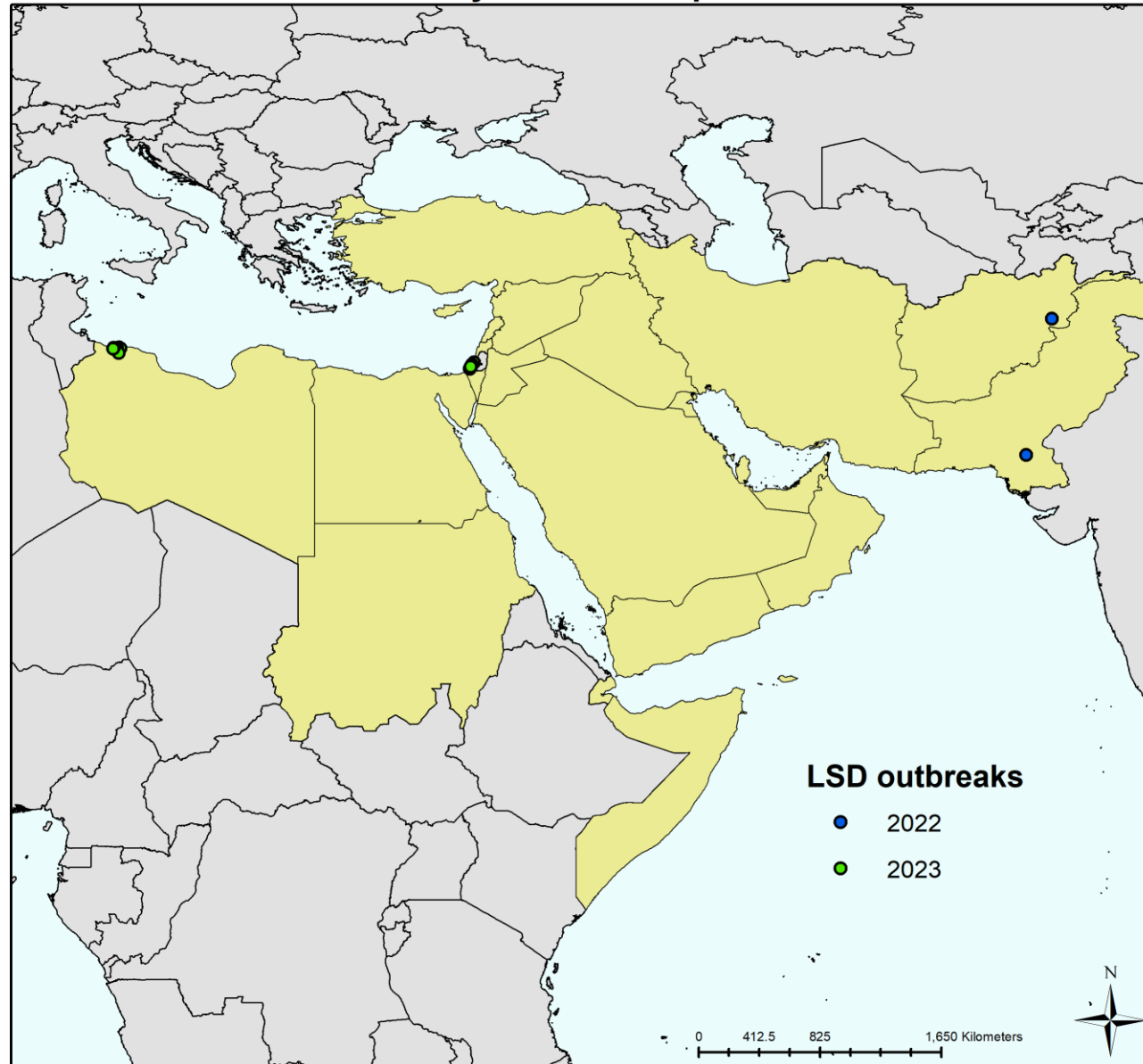
Infection with high pathogenicity avian influenza viruses



Infection with lumpy skin disease virus



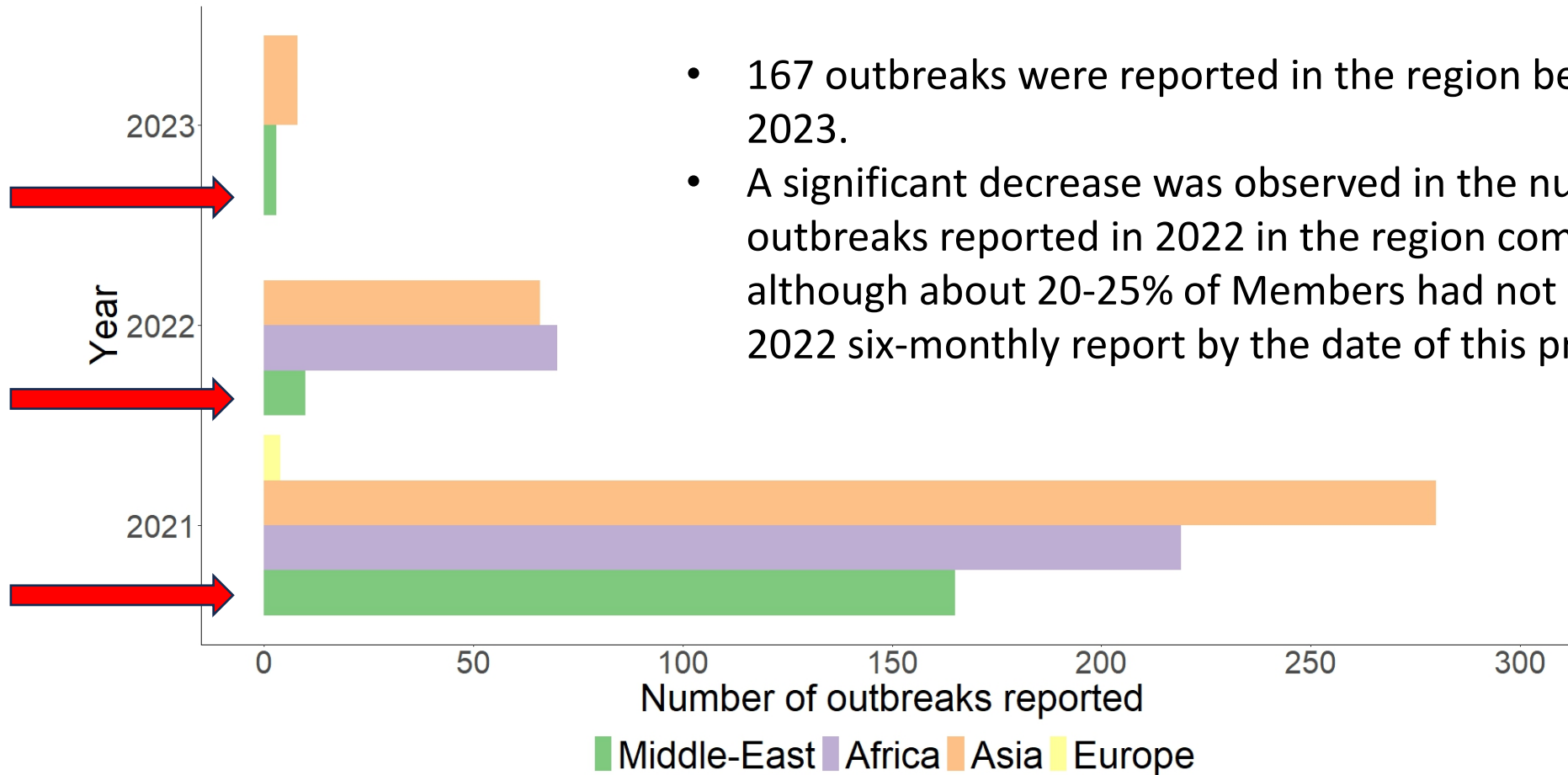
**LSD outbreaks reported through the early warning module
from 1 January 2021 to 1 September 2023**



- The disease has been reported as 'present' or 'suspected' in domestic species in over 60% of the Members in the region.
- The number of Members reporting the disease as 'present' or 'suspected' in domestic species has been similar to that in the reporting period of 2018 to 2020.

**Reporting status of LSD in the region through the monitoring module
from 1 January 2021 to 30 June 2023**





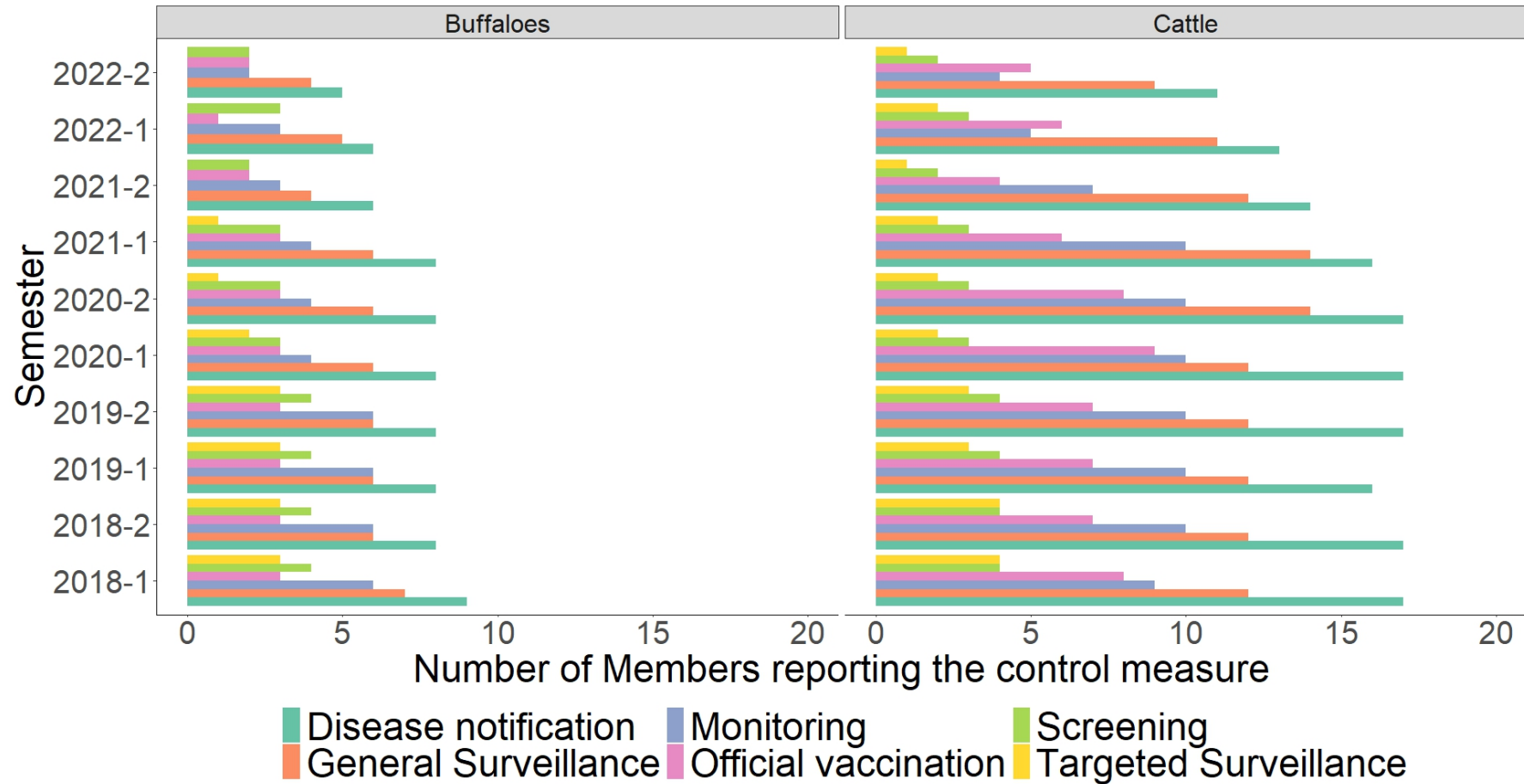
- 167 outbreaks were reported in the region between 2021 and 2023.
- A significant decrease was observed in the number of outbreaks reported in 2022 in the region compared to 2021, although about 20-25% of Members had not submitted their 2022 six-monthly report by the date of this presentation

Buffaloes

- No apparent changes

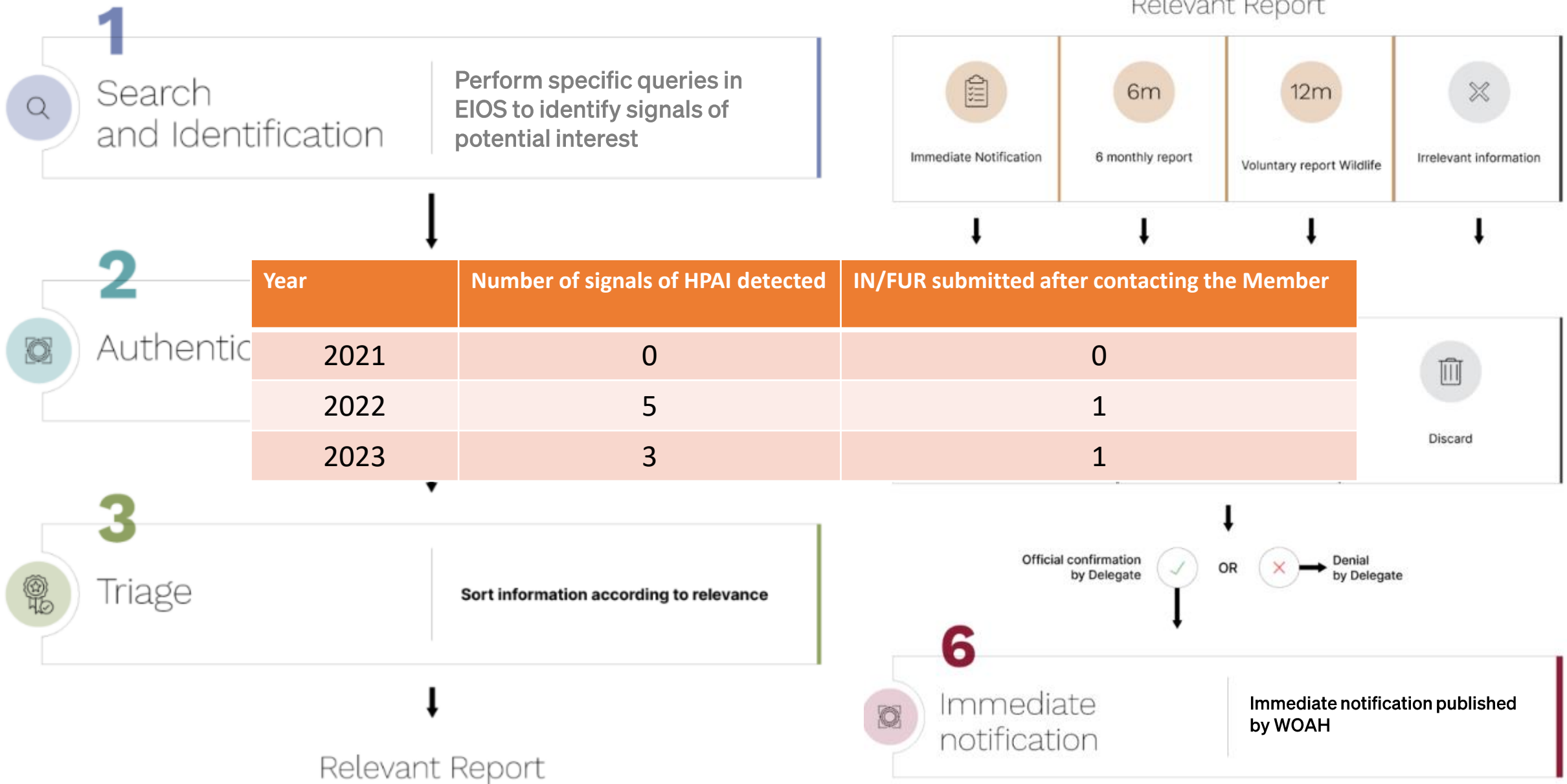
Cattle

- A slight increase of Members reporting 'general surveillance' in the second semester of 2020 and first semester of 2022



* Incomplete data after 2018 and specially since 2022

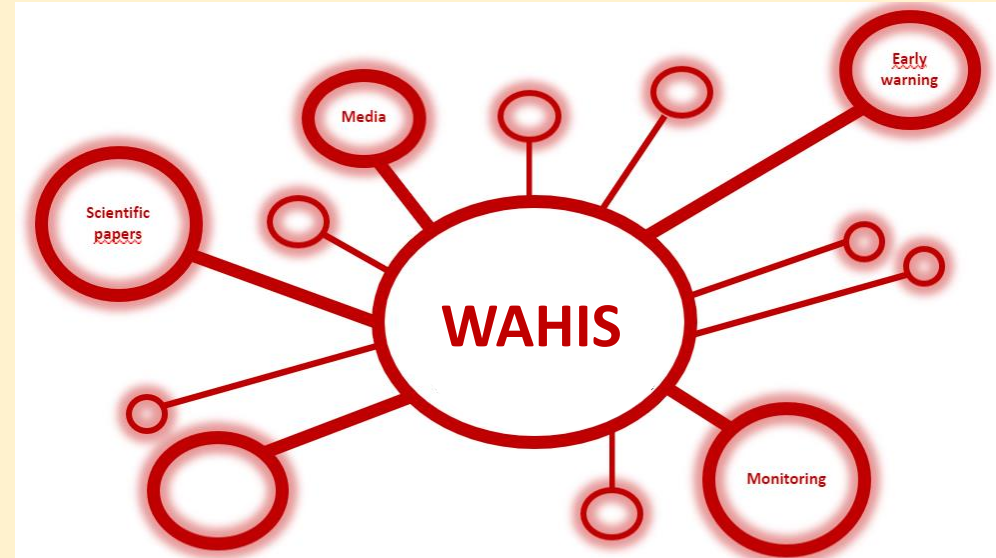
Infection with lumpy skin disease virus

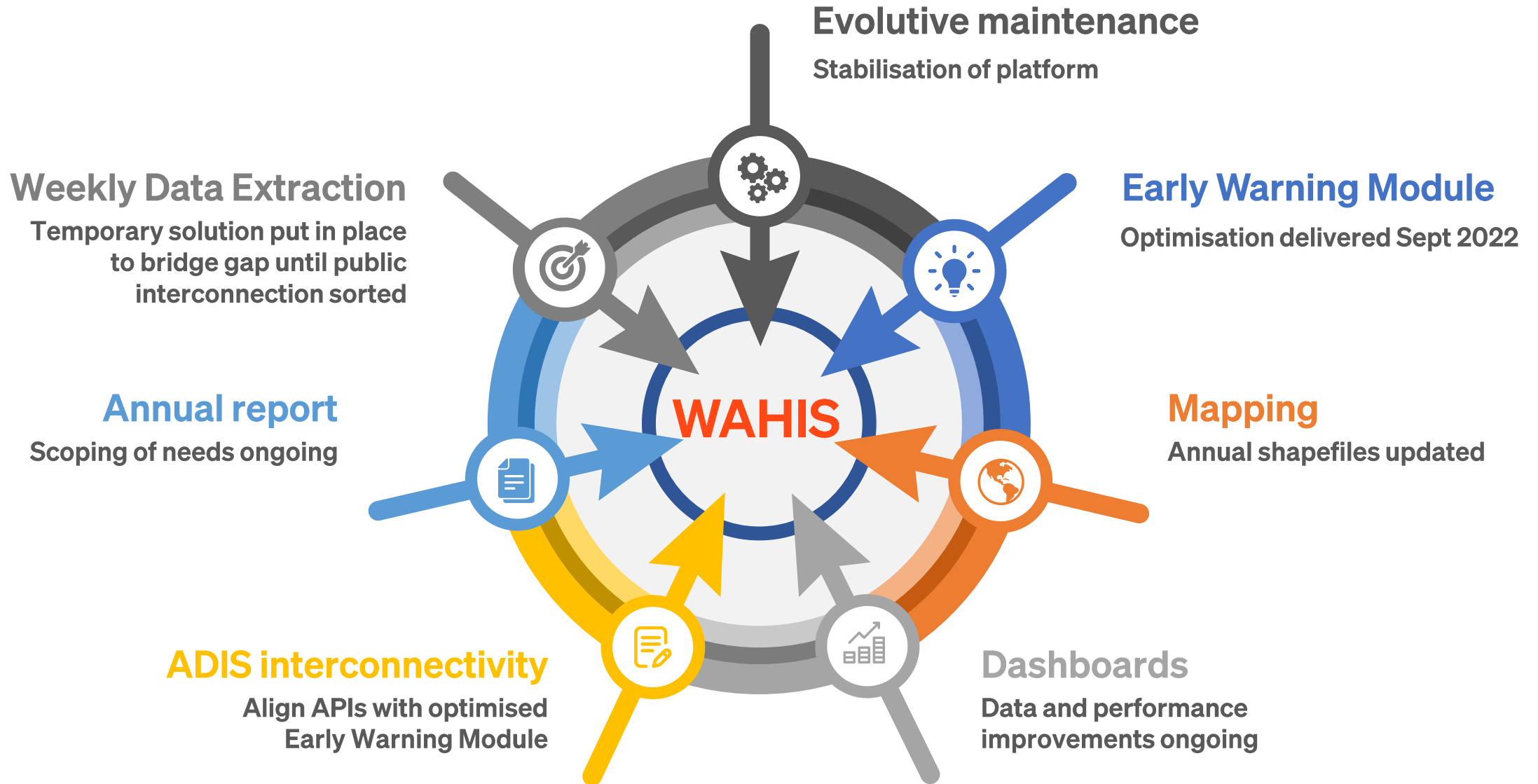




WAHIS project update

WAHIS project update







WAHIS maintenance and evolution

Early Warning module
Evolutive maintenance ongoing

02



01

ADIS interconnection

Expected end of 2023 – beg 2024

Annual report
Delivery Q2 2024

04



03

Six-Monthly Report

Optimisation expected Q2 2024

Dashboards
Optimisation and performance ongoing

06



05

Public Interface

Rebranding and optimisation Q2 2024

Dashboards
Optimisation and performance ongoing

06



07

Codification

Scoping for integration in WAHIS complete Q3 2023

Presentation prepared by:

- Dr Aurelio Cabezas, Senior Animal Health Information Analyst, with the support of WAHIAD and WAHIS Project Teams

We gratefully acknowledge the contribution of all those who report to WOAHA and make reporting possible, without whose efforts this presentation would not have been possible

- Report to WOAHA:
 - ✓ Delegates and focal points
- Make reporting possible:
 - ✓ WAHIAD Team
 - ✓ Regional and Sub-regional Representatives

Thank you

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