

# WAHIAD and WAHIS

*What is new, and what is in it for you?*

---

**Dr Jenny Hutchison**

Head, World Animal Health Information and Analysis Department

World Organisation for Animal Health

31st Conference of the WOAHA Commission for Europe

Samarkand, Uzbekistan

1 October 2024



World Organisation  
for Animal Health  
Founded as OIE



## Agenda

1. World Animal Health Information System (WAHIS)
2. Reporting situation in the region
3. Consistency in six-monthly reporting and verification
4. African swine fever situation
5. Panel discussion

# The World Animal Health Information System (WAHIS)



# WAHIS: What has changed?

**2022** Optimised Early Warning module  
Weekly data extractions



User friendly and intuitive

**Early 2024** Dashboard optimisation  
NEW mapping functionalities



More robust data entry process

**June 2024** NEWLY optimised six-monthly report  
NEW annual report  
NEW animal population dashboard



Enhanced user support

**Sept 2024** Animal Disease Information System  
(ADIS) interconnection



High performance and stability



<https://wahis.woah.org>



## WAHIS: What is in it for you?

- We (WOAH staff) have our own ideas about answers to this question!
- You are key stakeholders, and we want to hear your perspective.
- Will quickly remind you of some key aspects of WAHIS.
- Panel discussion to capture your thoughts.

# Early Warning Module – Events Management

## Latest animal disease events

Country/Territory	Disease - genotype/serotype/subtype	Date
Ukraine	African swine fever virus (Inf. with)	2024/08/16
France	High pathogenicity avian influenza viruses (poultry) (Inf. with) H5 (N untyped)	2024/08/16
Portugal	Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-) H5N1	2024/08/15
Ukraine	African swine fever virus (Inf. with)	2024/08/14
Ukraine	African swine fever virus (Inf. with)	2024/08/14
Tunisia	Lumpy skin disease virus (Inf. with)	2024/08/14
Bulgaria	Equine infectious anaemia	2024/08/12
Germany	African swine fever virus (Inf. with)	2024/08/10
Germany	West Nile Fever	2024/08/09
Cayman Islands	Varroa spp. (Inf. of honey bees with) (Varroosis)	2024/08/08

## Evolution of exceptional events

<https://wahis.woah.org/#/event-management>

## Events management

<https://wahis.woah.org/#/home>

Country	Report number	Disease	Genotype/Serotype/Subtype	Reason	Start date	Report date
Greece	FUR_16	Sheep pox and goat pox		Recurrence of an eradicated disease	2024/08/19	2024/09/20
Romania	FUR_151	African swine fever virus (Inf. with)		Recurrence of an eradicated disease	2021/02/12	2024/09/20
Romania	FUR_121	African swine fever virus (Inf. with)		Recurrence of an eradicated disease	2021/09/09	2024/09/20
Romania	FUR_93	African swine fever virus (Inf. with)		Recurrence of an eradicated disease	2021/09/10	2024/09/20
Norway	FUR_4	Bluetongue virus (Inf. with)	3	Recurrence of an eradicated disease	2024/08/21	2024/09/19
Austria	IN	Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-)	H5N1	Recurrence of an eradicated strain	2024/09/13	2024/09/19
Greece	FUR_35	Peste des petits ruminants virus (Inf. with)		First occurrence in the country	2024/07/08	2024/09/19
Romania	FUR_12	Peste des petits ruminants virus (Inf. with)		First occurrence in the country	2024/07/15	2024/09/19
Moldova	FUR_8	African swine fever virus (Inf. with)		Recurrence of an eradicated disease	2024/05/30	2024/09/19
Ukraine	FUR_9	African swine fever virus (Inf. with)		Recurrence of an eradicated disease	2024/06/07	2024/09/18

# Newly optimised Six-Monthly Report Module

## Presence or absence of listed diseases

HOME » SIX-MONTHLY REPORTS


### Six-monthly report

<https://wahis.woah.org/#/smr-management>

Export 

Filters



★ Apply favorites 

Country / Territory

Report ID

Animal type


Report period











Year

Report date 

Validation date 

World region

World Region : Europe 

<input type="checkbox"/> Country / Territory	Report ID	Animal type	Report period	Year	Report date	Validation date	
<input type="checkbox"/> Faeroe Islands	SMR_166109	Terrestrial	First semester	2022	2024/09/13	2024/09/19	
<input type="checkbox"/> Finland	SMR_168040	Aquatic	First semester	2024	2024/09/12	2024/09/19	
<input type="checkbox"/> San Marino	SMR_169193	Aquatic	First semester	2024	2024/09/12	2024/09/13	
<input type="checkbox"/> Romania	SMR_168363	Aquatic	First semester	2024	2024/08/23	2024/09/12	
<input type="checkbox"/> Hungary	SMR_168477	Aquatic	First semester	2024	2024/07/31	2024/08/05	
<input type="checkbox"/> Latvia	SMR_166108	Aquatic	Second semester	2023	2024/07/30	2024/08/07	
<input type="checkbox"/> Italy	SMR_168294	Aquatic	First semester	2024	2024/07/26	2024/08/01	
<input type="checkbox"/> Portugal	SMR_168395	Aquatic	Second semester	2023	2024/07/24	2024/08/05	
<input type="checkbox"/> Portugal	SMR_168394	Aquatic	First semester	2023	2024/07/23	2024/08/05	
<input type="checkbox"/> Iceland	SMR_168337	Aquatic	First semester	2024	2024/07/19	2024/07/30	

Items per page 10

1 - 10 of 2975





# The new Annual Report Module – Animal Population

HOME >> ANIMAL POPULATION DASHBOARD

## Animal population

Visualize data

Export data

The content of this dashboard is based on the data contained in the annual reports submitted by the relevant Veterinary Services through WAHIS. For visualization purposes, provided data has been aggregated in a comprehensive way. Please note that this dashboard is refreshed every 24 hours.

<https://wahis.woah.org/#/public/dashboard/animal-population>

Selected filters:

## Annual report

Export

Create an annual report

Filters

World region : Europe

Please select only one animal cate

<input type="checkbox"/>	Country / Territory	Report ID	Year	Status	Report date	Validation date	
<input type="checkbox"/>	Bosnia and Herzegovina	AR_43	2023	Draft	2024/08/02		⋮
<input type="checkbox"/>	Croatia	AR_19	2023	Draft	2024/06/25		⋮
<input type="checkbox"/>	Czech Republic	AR_28	2023	Draft	2024/07/09		⋮
<input type="checkbox"/>	Faeroe Islands	AR_70	2023	Draft	2024/09/13		⋮
<input type="checkbox"/>	Finland	AR_49	2023	Draft	2024/09/02		⋮
<input type="checkbox"/>	France	AR_39	2023	Draft	2024/07/30		⋮
<input type="checkbox"/>	Greece	AR_52	2023	Draft	2024/09/10		⋮
<input type="checkbox"/>	Hungary	AR_26	2023	Draft	2024/07/04		⋮
<input type="checkbox"/>	Iceland	AR_41	2023	Draft	2024/08/01		⋮
<input type="checkbox"/>	Ireland	AR_25	2023	Draft	2024/07/03		⋮

<https://wahis.woah.org/#/public/annual-report>



➤ Disease situation, quantitative data and control measures

<https://wahis.woah.org/#/dashboards/country-or-disease-dashboard>

### Disease situation

Visualize data | Disease map | Outbreak and event maps | Export data

The content of this dashboard is based on the data contained on the official reports (immediate notifications and follow-up reports, six-monthly reports) submitted by the relevant Veterinary Services through WAHIS. For visualization purposes, provided data has been aggregated in a comprehensive way. If you want to consult the detailed information, please go to the specific « Reports » section. Please note that this dashboard is refreshed every 24 hours.

**African swine fever  
Europe (2022–2024)**

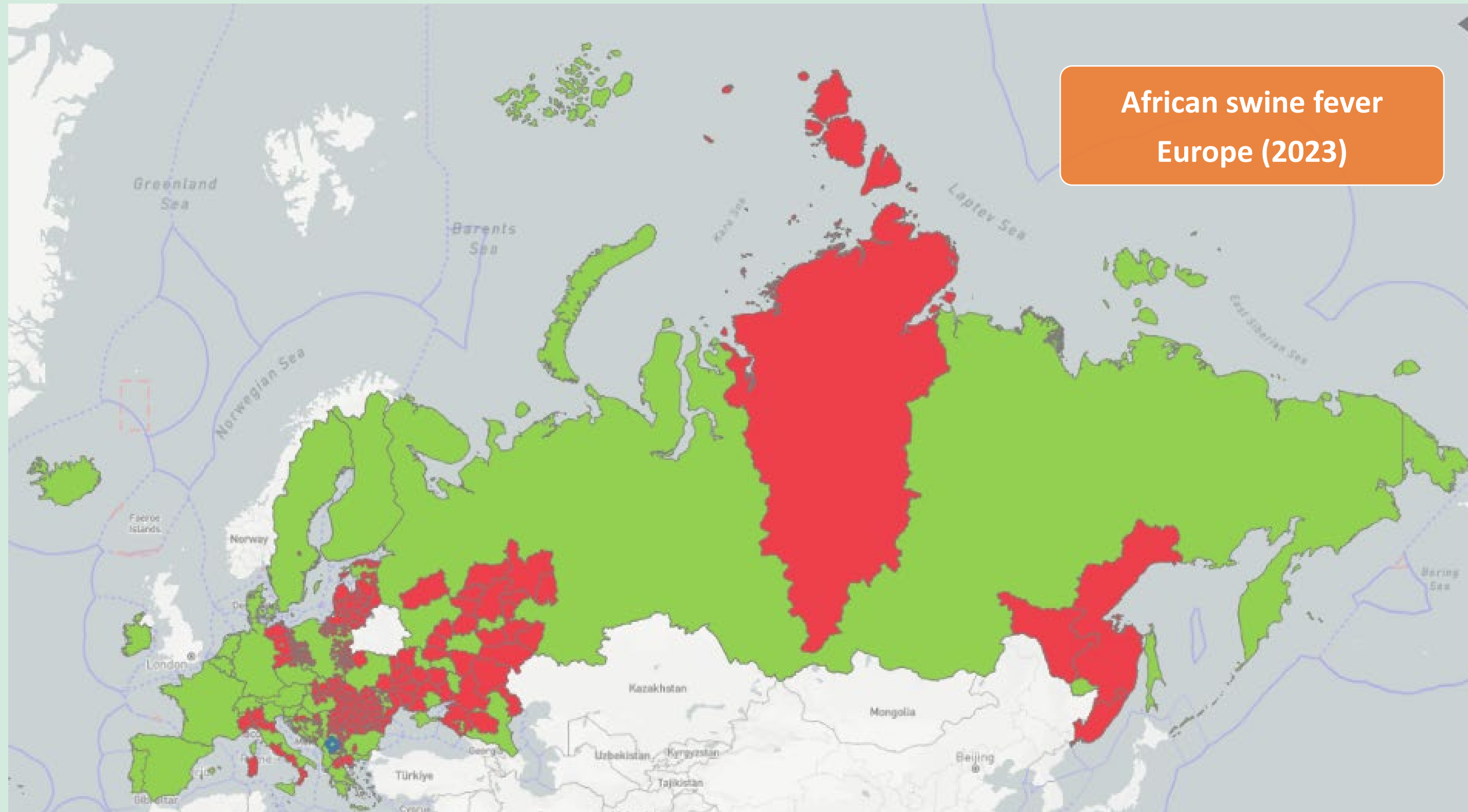
Please be aware that displaying a large quantity of data may increase the loading time

Disease	Country / Territory	Animal category	Semester					
			Jan-Jun-2022	Jul-Dec-2022	Jan-Jun-2023	Jul-Dec-2023	Jan-Jun-2024	Jul-Dec-2024
African swine fever virus (Inf. with)	Albania	Domestic		-		-		-
		Wild		-		-		-
	Austria	Domestic						
		Wild						
	Belarus	Domestic						
		Wild						
	Belgium	Domestic						
		Wild						
	Bosnia and Herzegovina	Domestic						
		Mixed	-	-	-			
		Wild						
	Bulgaria	Domestic						
	Croatia	Domestic	-					
		Mixed	-	-	-			
		Wild	-					
	Czech Republic	Domestic						
		Wild						
	Denmark	Domestic						
Wild								
Estonia	Domestic							
	Wild							

- 1 Present
- 2 Present limited zones
- 3 Inf./Infest.
- 4 Inf./Infest. limited zones
- 5 Suspected
- 6 Suspected limited zones
- 7 Absent
- 8 Never reported
- 9 No information
- No data available

<https://wahis.woah.org/#/dashboards/country-or-disease-dashboard>

➤ Disease situation, quantitative data and control measures

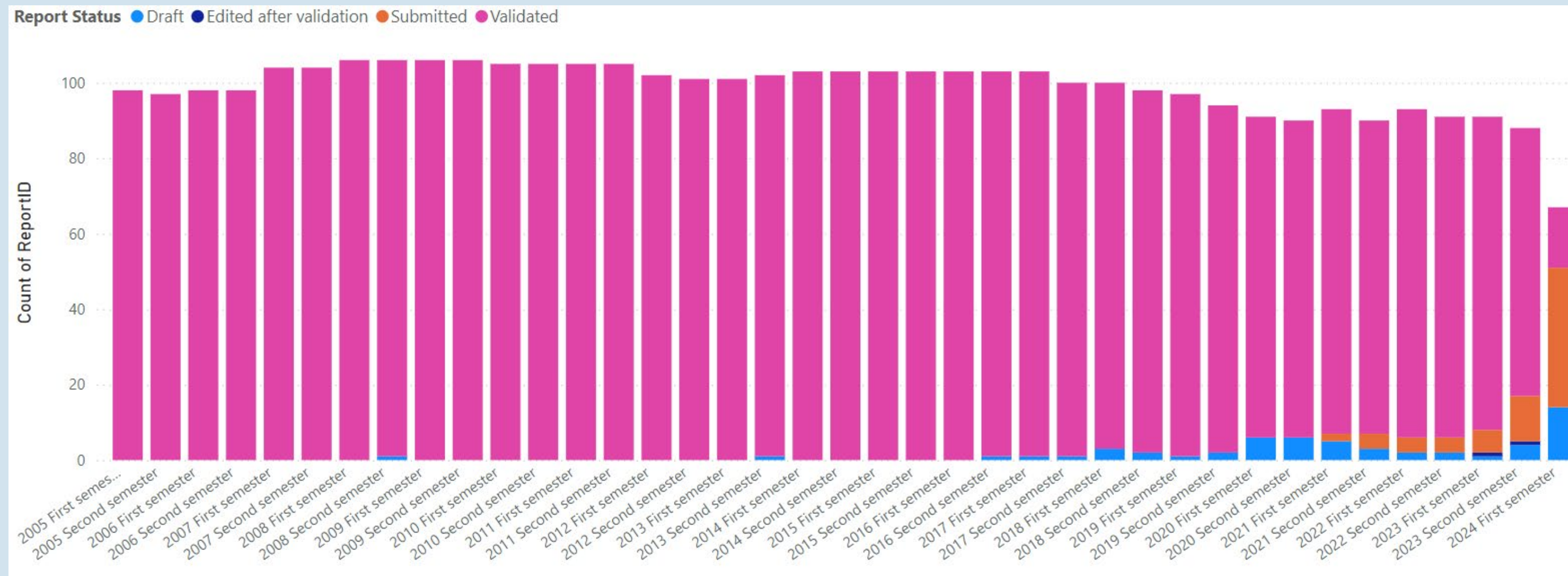


# Reporting situation in the region



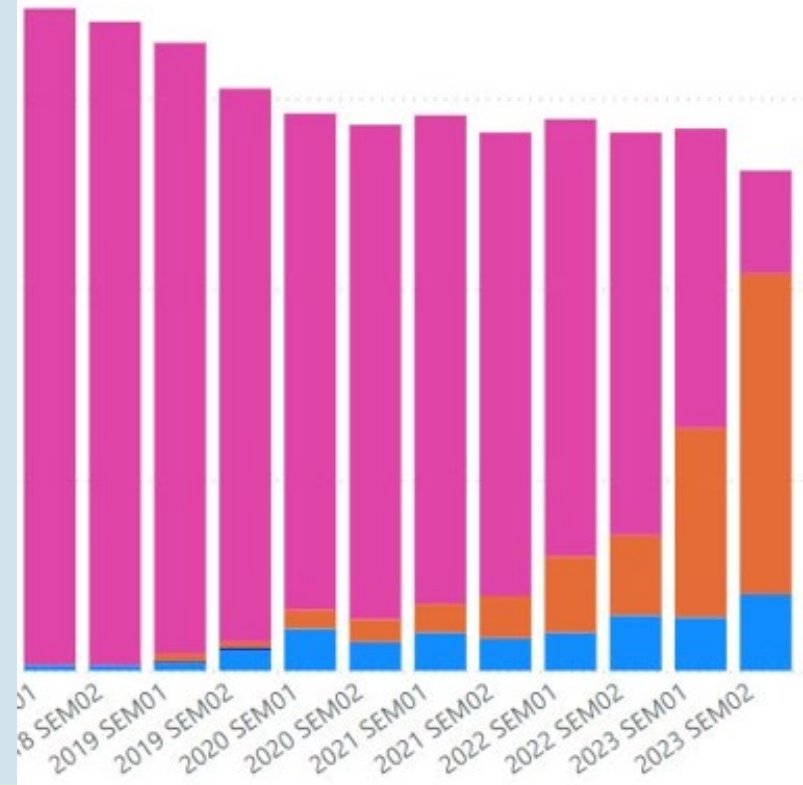


# Six-monthly Report Module: Status of SMRs (27 September 2024)

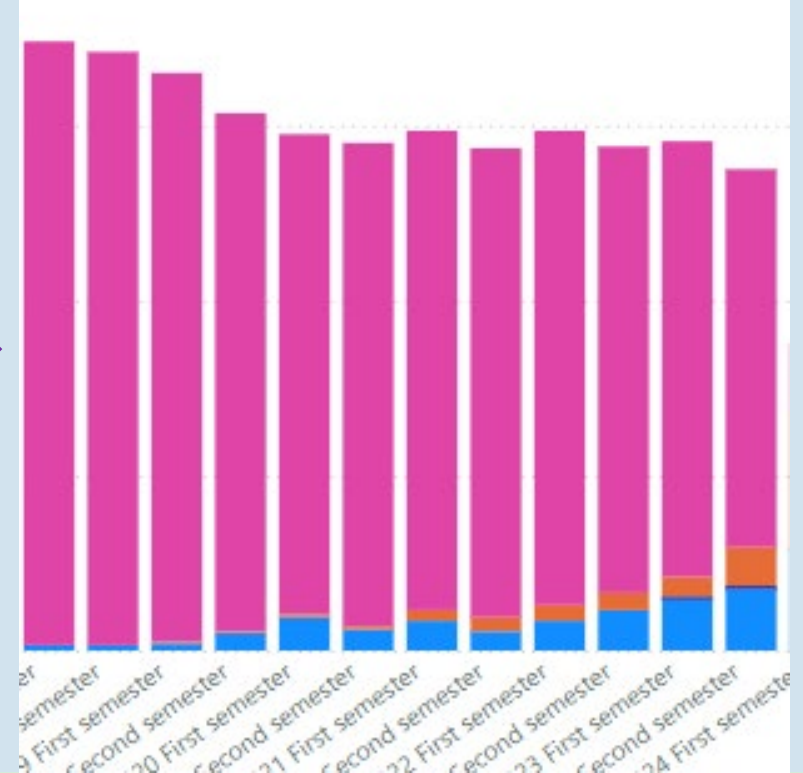


European Members,  
aquatic and terrestrial

World data, 91 GS (May)



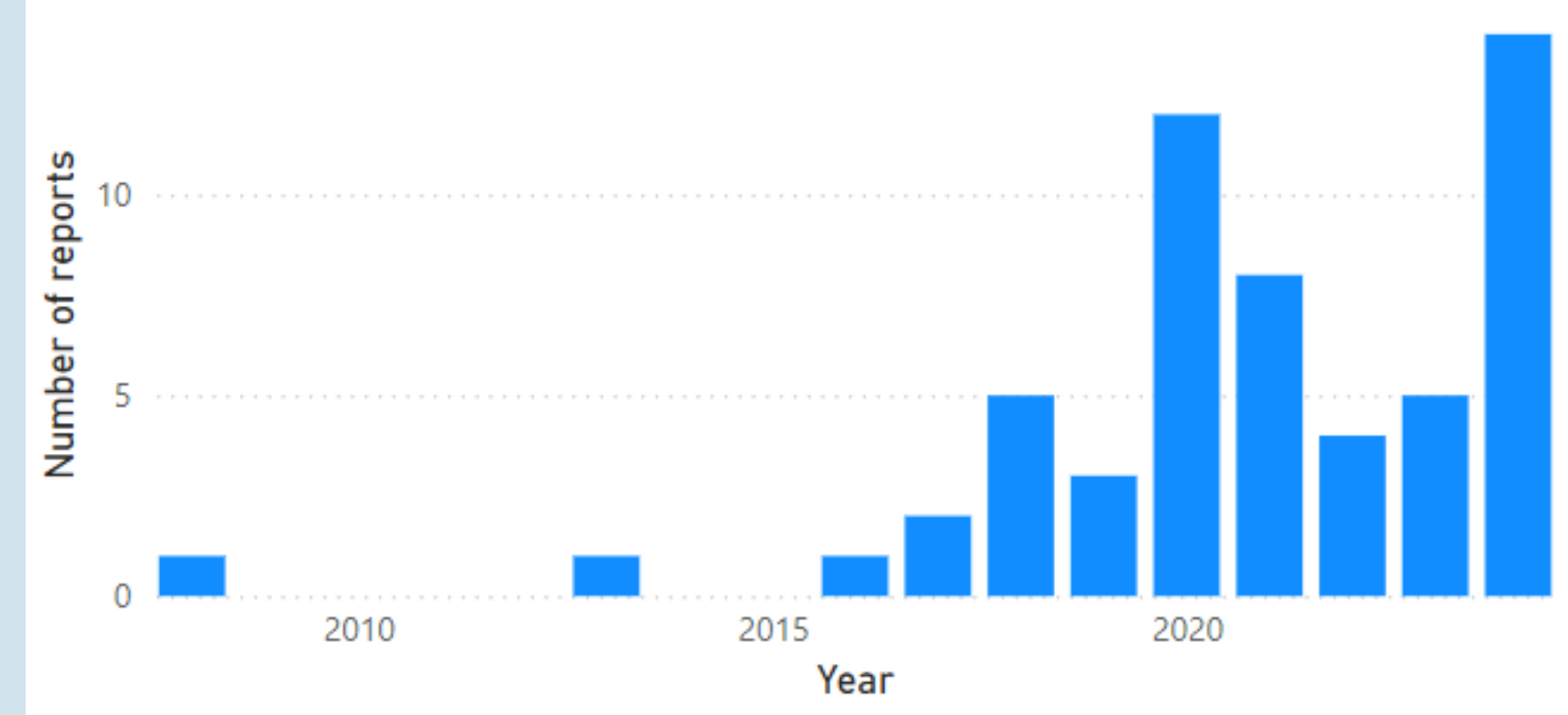
World data, 27 Sept 2024



Submitted



Status ● Draft

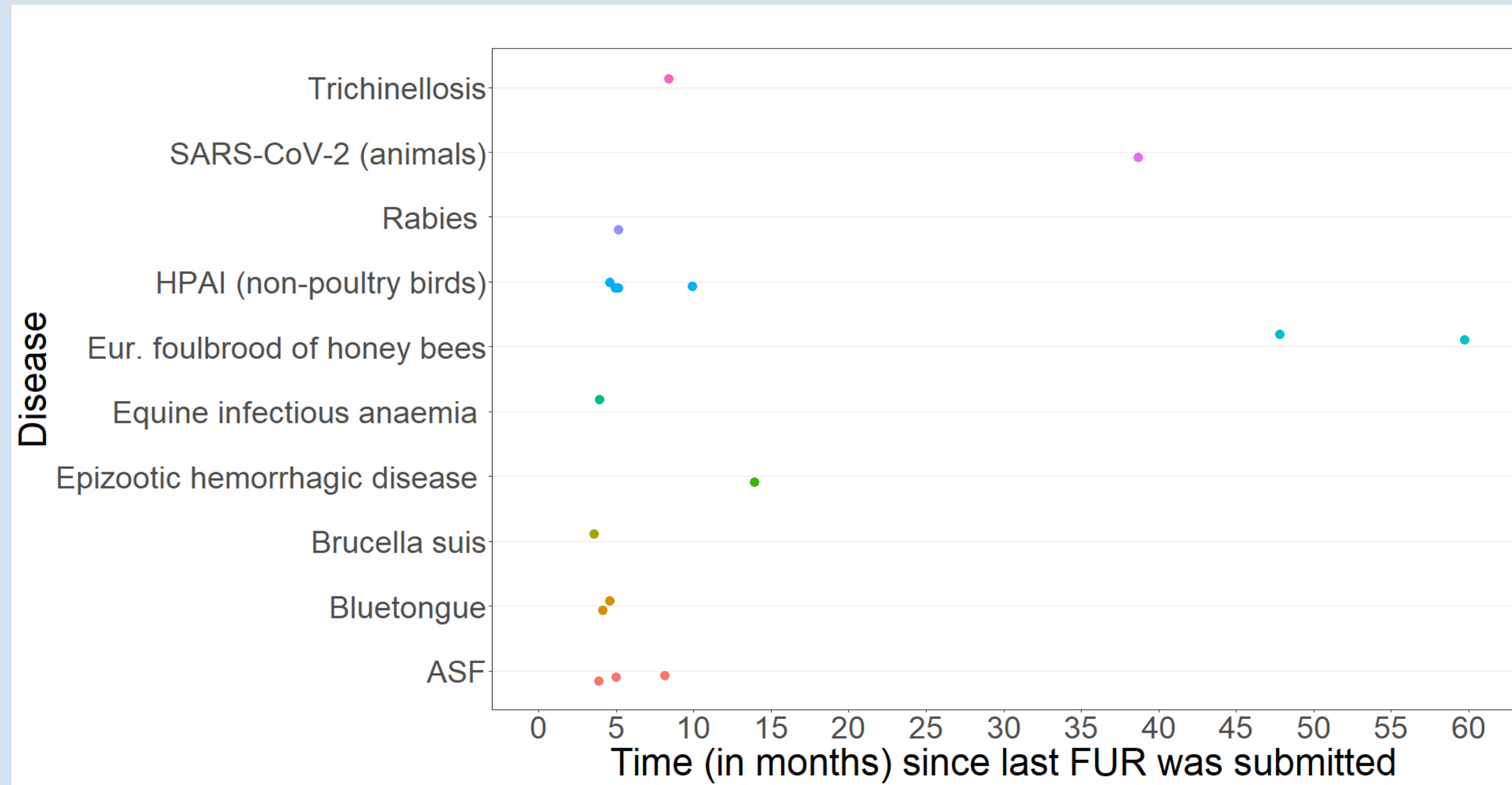




## Early Warning Module: as of 20 September 2024, events that need updating in WAHIS as per requirement in Point 2 of Article 1.1.3 of the *Aquatic and Terrestrial Codes*

A total of 17 ongoing events for which no FURs have been submitted:

- 11 Members
- 10 diseases



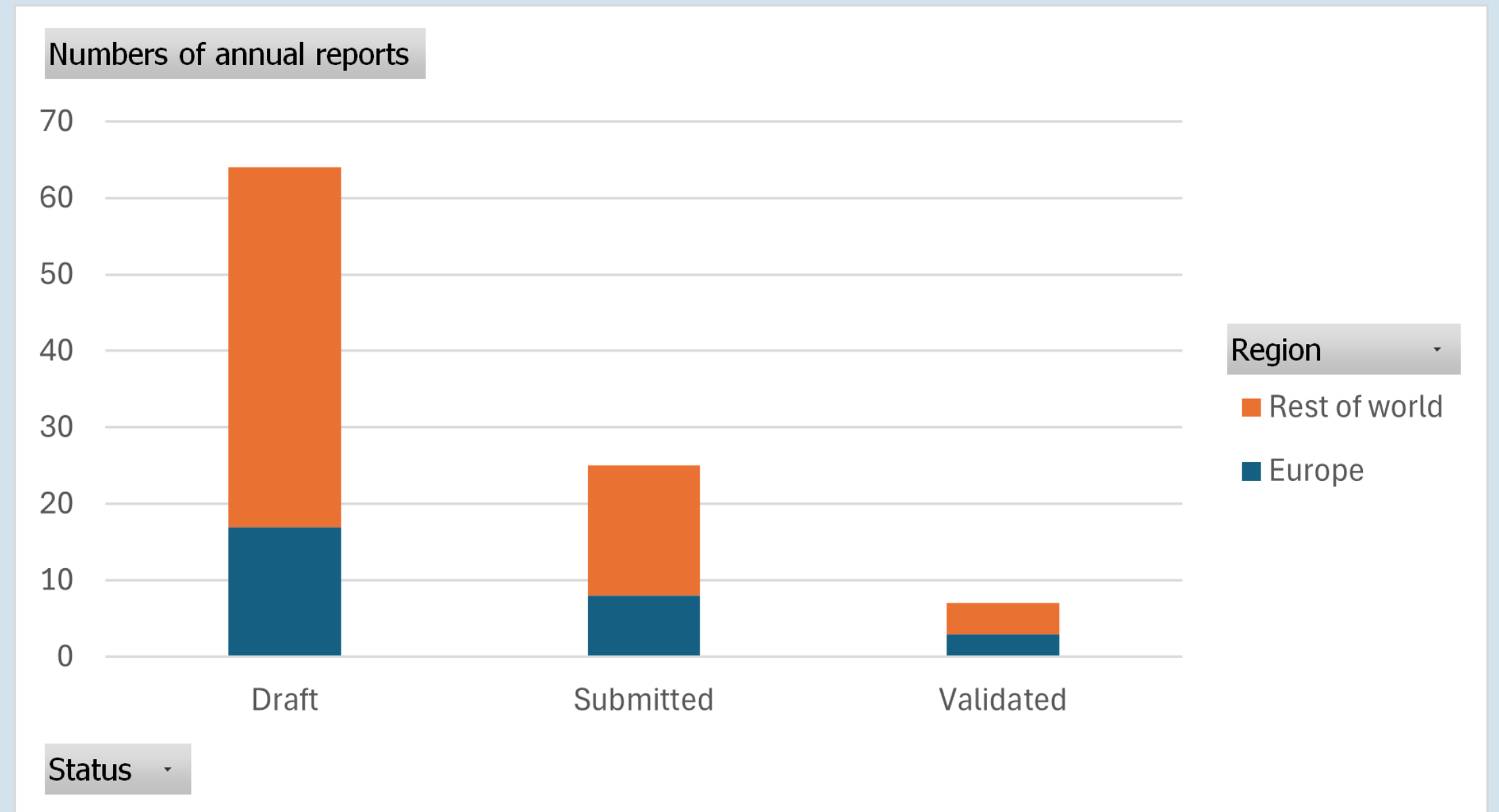
2. weekly reports subsequent to a *notification* under point 1 above, to provide further information on the evolution of the event which justified the *notification*. These reports should continue until the *listed disease* has been eradicated or the situation has become sufficiently stable that six-monthly reporting under point 3 will satisfy the obligation of the Member Country. For each event notified, a final report should be submitted;



## Annual Report Module: situation as of 27 September 2024

Since 4 June 2024 when the annual report module was launched:

- 64 ARs are in **draft** (17 from Europe)
- 25 ARs have been **submitted** (8 from Europe)
- 7 AR have been **validated** (3 from Europe)





## How does WOAAH support Members in notifying data?

### TRAINING

Training activities  
after Go-Live

#### Support desk

➤ <https://wahis-support.woah.org>



#### Catalogue of services

➤ [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



# SMR reports: content and treatment







## Adding value to your reports

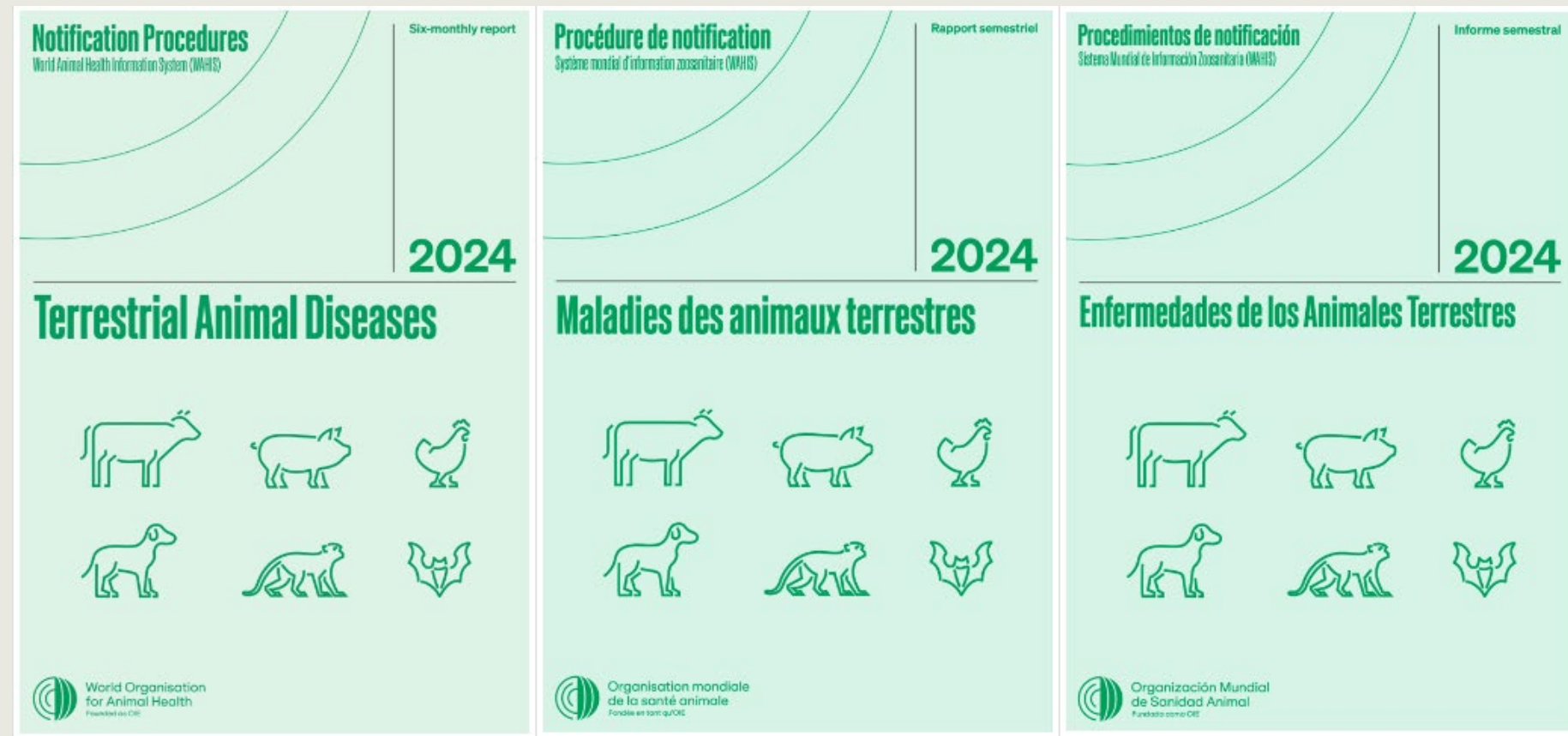
Starting with six-monthly reports for 2024:

- **Occurrence codes** 'Disease absent' and 'Disease never reported'

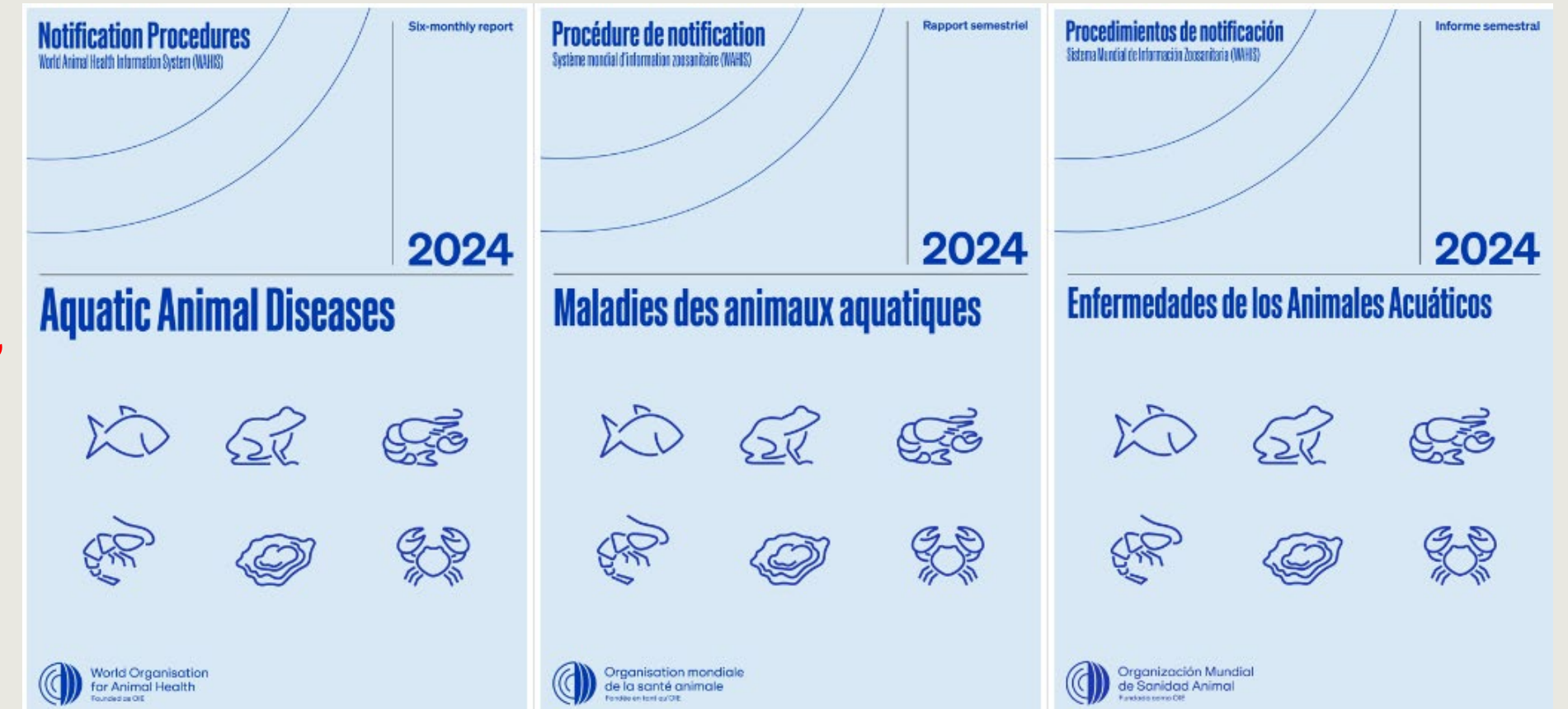


**Control measures** 'General surveillance', 'Disease notification'

- Updated notification procedures published:



Guidance



[Six-monthly report \(terrestrial animal diseases\)](#)

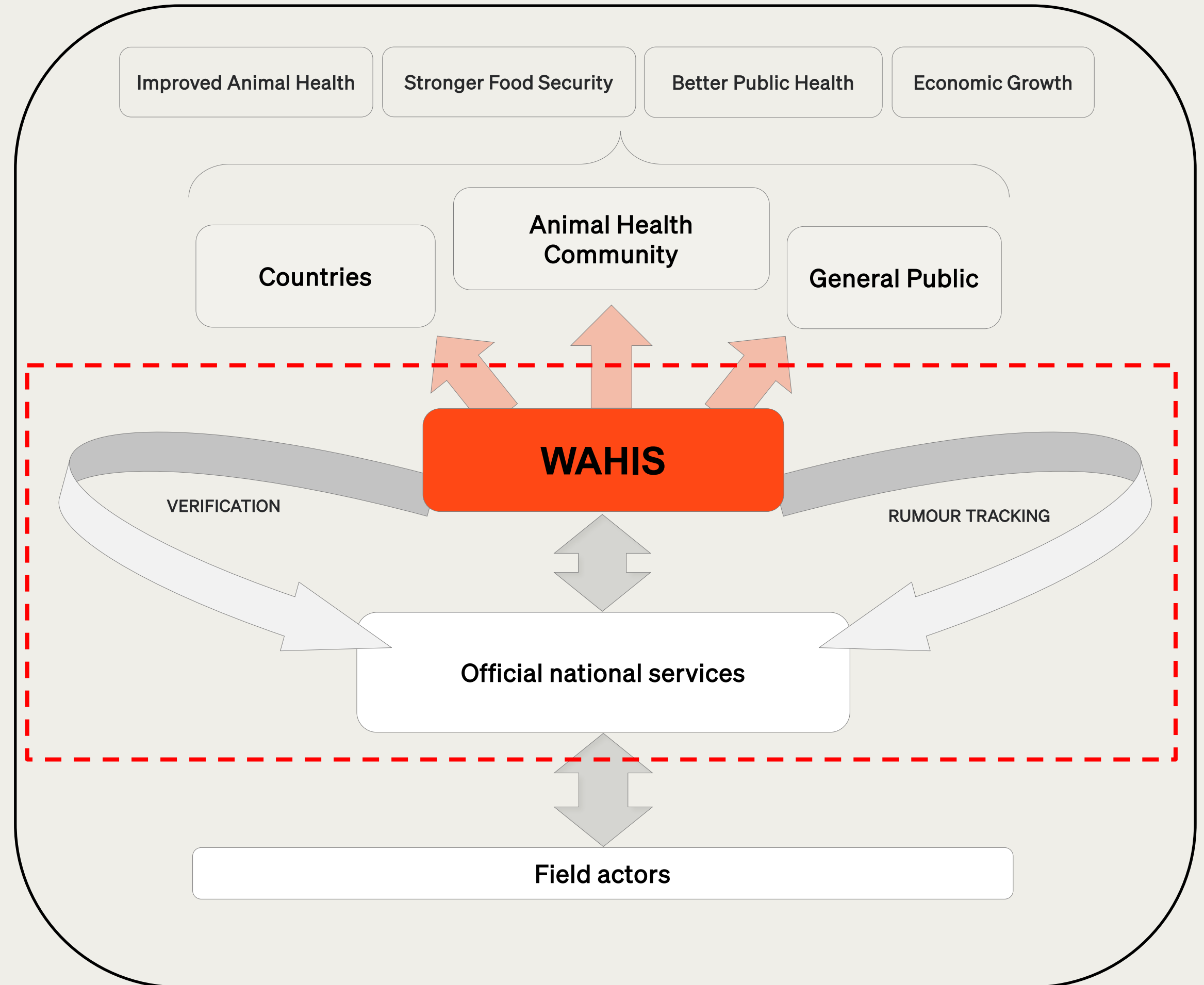
[Six-monthly report \(aquatic animal diseases\)](#)



## Four step-approach:

1. Check for minimum control measures for diseases reported as absent or never reported.
2. Ensure consistency in the occurrence codes & control measures reported compared with previous semesters.
3. Ensure that transfer of quantitative data from IN/FUR to SMR was correct.
4. Publication!

Target publication time after (re)submission is 1 month





# Diseases reported only through six-monthly & the importance of stable events



- What do these diseases have in common?
- How can users know that these diseases are only reported through six-monthly reports?



## Events management

Filters: Event status: Stable, World region: Europe

See on the map | Create immediate notification +

<input type="checkbox"/>	Country	Event ID	Disease	Genotype/ Serotype/ Subtype	Reason	Report number	Report status	Start date	Report date	
<input checked="" type="checkbox"/>	Norway	5829	Gyrodactylus salaris (Inf. with)		Recurrence	FUR_1	Validated	2020/12/10	2024/08/22	🔗 ...
<input checked="" type="checkbox"/>	Norway	5828	Gyrodactylus salaris (Inf. with)		Recurrence	FUR_1	Validated	2020/12/10	2024/08/22	🔗 ...
<input checked="" type="checkbox"/>	Luxembourg	5793	Bluetongue virus (Inf. with)	3	New strain in the country	FUR_1	Validated	2024/08/02	2024/08/19	🔗 ...
<input checked="" type="checkbox"/>	Greece	4630	West Nile Fever		Recurrence of an eradicated disease	FUR_5	Validated	2022/08/17	2024/06/05	🔗 ...
<input checked="" type="checkbox"/>	Latvia	5477	African swine fever virus (Inf. with)		Recurrence of an eradicated disease	FUR_14	Validated	2024/01/03	2024/04/15	🔗 ...

By creating stable events in our early warning module!!

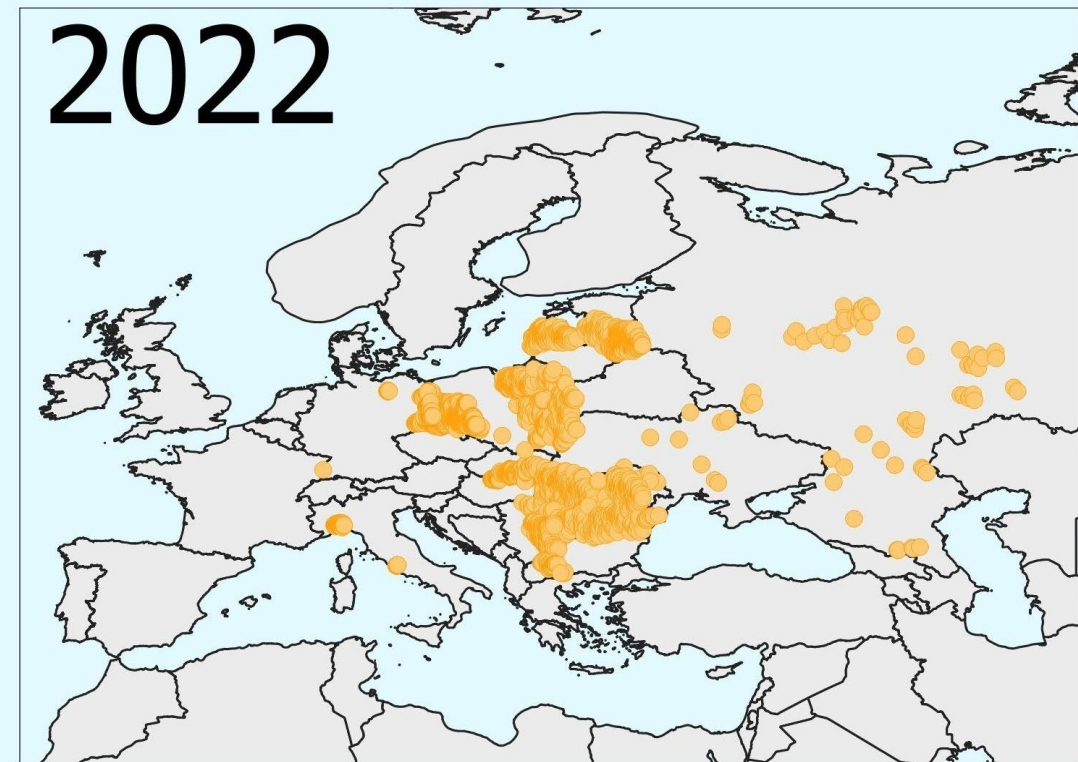
⚠️ Important: specific procedure to resolve stable events



**African swine fever  
situation**



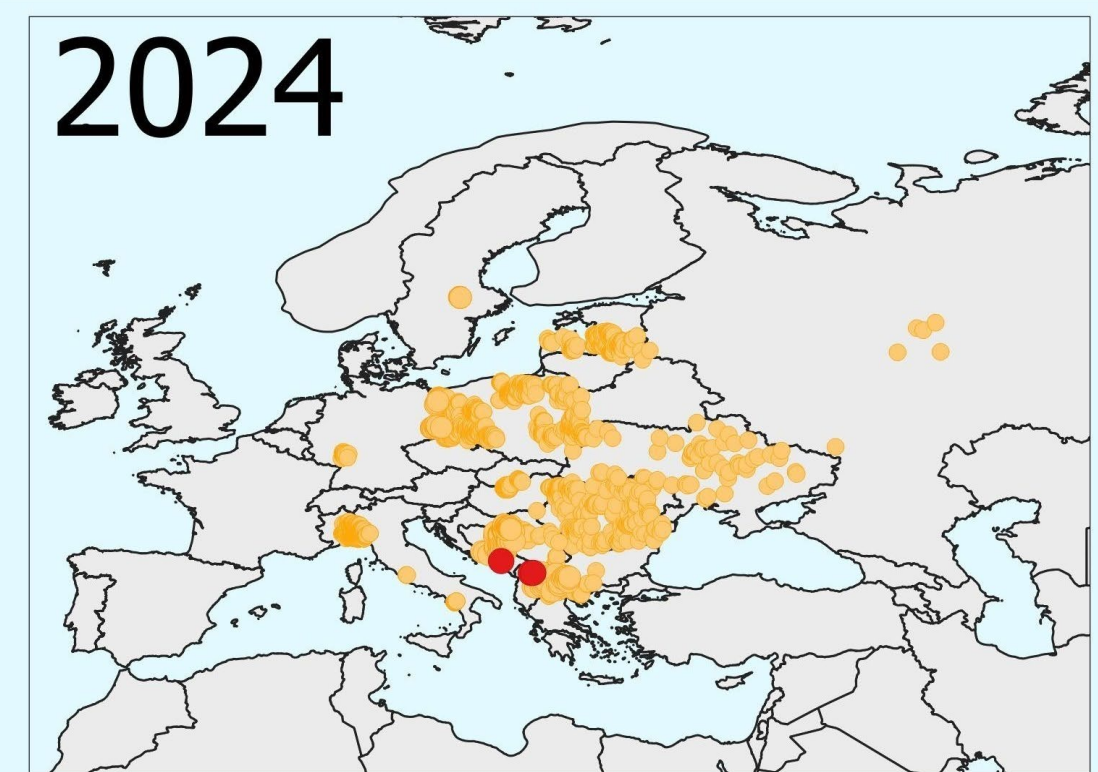
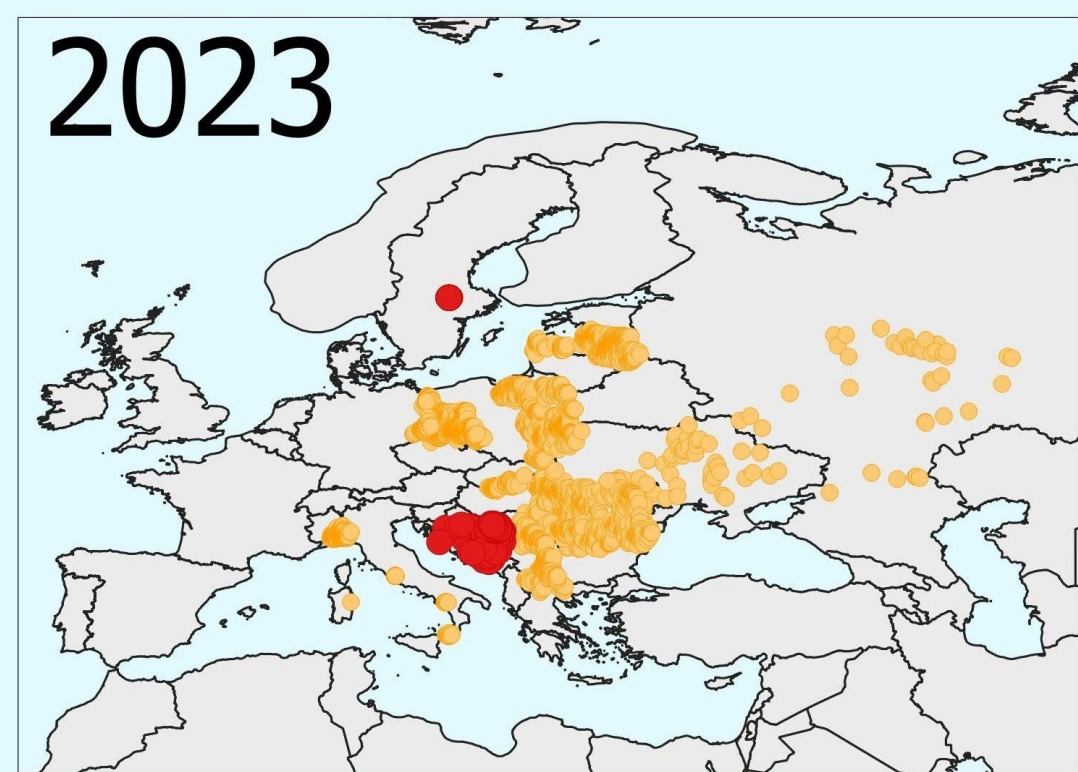
## ASF recent spread in Europe



Disease continues to be a threat in Europe, spreading particularly in wild boar and affecting new countries

WOAH highlights the importance of implementing strict biosecurity, an early warning and response

WOAH stresses the importance of the use of only high-quality ASF vaccines which have been subject to regulatory evaluation and approval



● First occurrence in the country  
● New outbreak

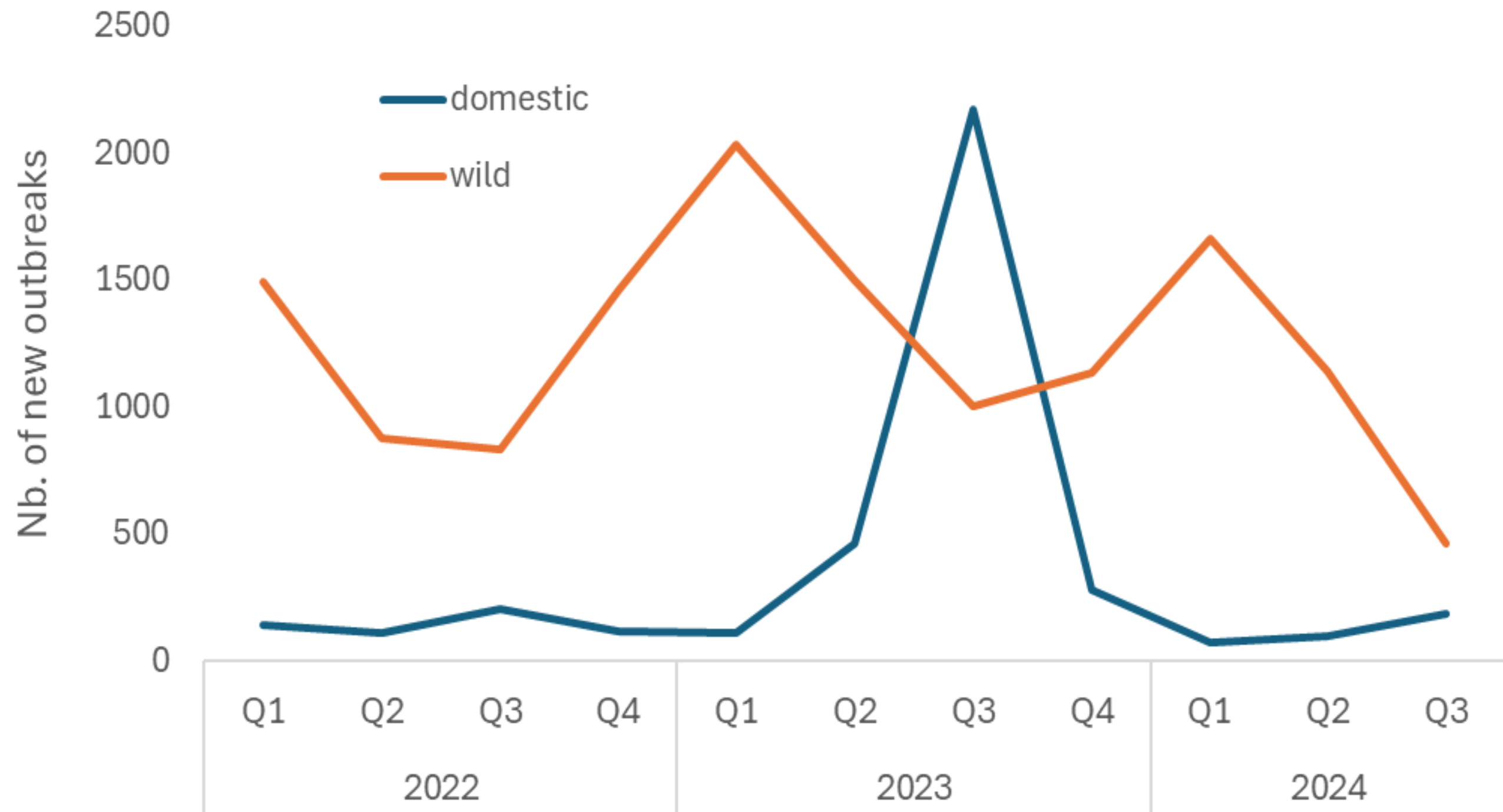
Data source: WAHIS, September 2024

- 19 countries in the region reported over 18000 new outbreaks since 2022 (as of 16/09/2024)
- First occurrence in Bosnia and Herzegovina, Croatia and Sweden (2023), Albania and Montenegro (2024)
- Spread to 8 new administrative divisions within affected countries in 2023 and 3 in 2024



## ASF situation in the region

Dynamic of ASF outbreaks as reported through WOAH Early warning system by European countries (as of 16/09/2024)



- Disease mainly maintained by virus circulation in wild boar
- Importance of surveillance in wild population and biosecurity measures
- 6581 outbreaks still ongoing as of 16/09/2024 of which 35% in wild boar



# Panel discussion





Sharing experiences on the use of the World Animal Health Information System (WAHIS)

Discussing reporting challenges for Europe, using example of African Swine fever (ASF)





## Discussion points

- How is WAHIS used in your country for consulting and decision-making?
  - specific examples of practical uses
  - factors that you consider when making your own reports
  - how less-detailed reporting by others affects your decision-making, and what other information sources you use
  - how could WOAHA help your decision-making with respect to notifications?

## Panelists

- **AZERBAIJAN**
  - Dr Galib Abdulaliyev
  - Chief Veterinary Officer and WOAHA Delegate
  
- **DENMARK**
  - Dr Torben Grubbe
  - representing the Chief Veterinary Officer and WOAHA Delegate, Dr Charlotte Vilstrup Castle
  
- **GEORGIA**
  - Dr Vasili Basiladze
  - Vice President of the Regional Commission for Europe and WOAHA Delegate



## Discussion points

- What are the key reporting challenges faced by Europe, using ASF as the example?
  - What is the major reporting challenge in your country?
  - What is the rationale behind your country's decision to report ASF as a stable event (or not)?
  - When considering someone else's ASF situation, how does their reporting of the disease as stable affect your decision-making?

## Panelists

- **CROATIA**
  - Dr Tatjana Karačić
  - Chief Veterinary Officer and WOAHA Delegate
  
- **GERMANY**
  - Dr Daniela von Blumröder
  - representing the Chief Veterinary Officer and WOAHA Delegate, Dr Katherina Kluge
  
- **LATVIA**
  - Dr Māris Balodis
  - President of the Regional Commission for Europe and WOAHA Delegate

# Thank you

---

12, rue de Prony, 75017 Paris, France  
T. +33 (0)1 44 15 19 49  
F. +33 (0)1 42 67 09 87

[woah@woah.org](mailto:woah@woah.org)  
[www.woah.org](http://www.woah.org)

[Facebook](#)

[Twitter](#)

[Instagram](#)

[LinkedIn](#)

[YouTube](#)

[Flickr](#)



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

