



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

International regulatory information system: The WOAH World Animal Health Information System (WAHIS)

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1. WOAAH Standards and requirements for disease reporting

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2. Disease reporting through WAHIS: Early Warning and Monitoring modules

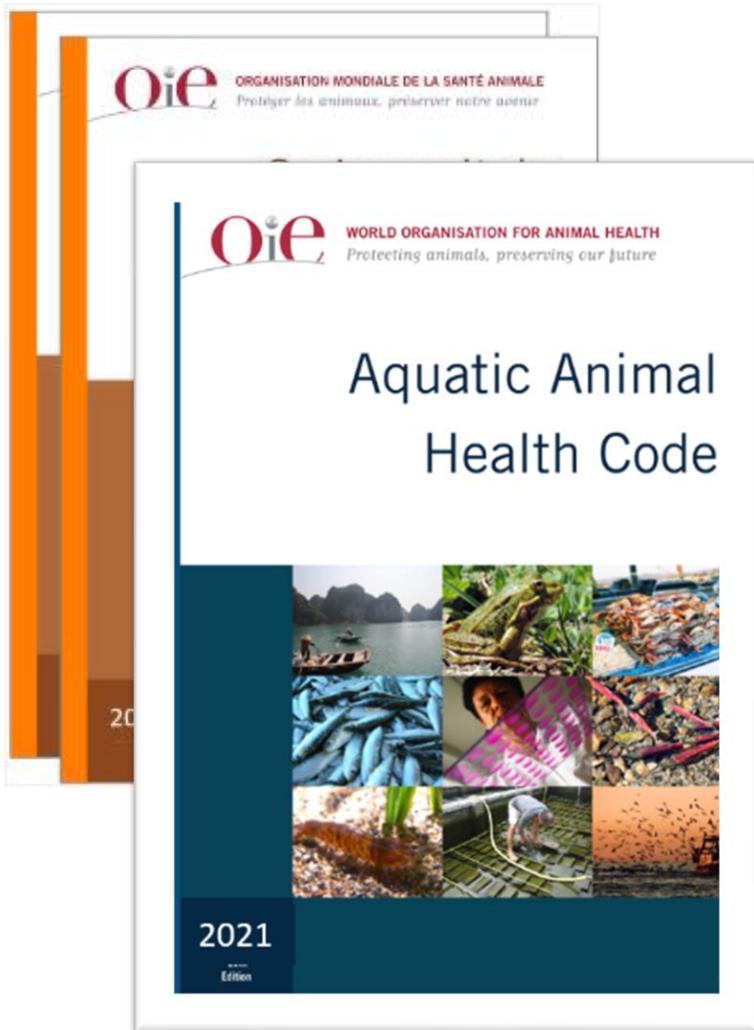
3. Information dissemination: WAHIS public interface

WOAH mandate and missions



Since its creation in 1924, the World Organisation for Animal Health (WOAH, founded as OIE) has been the **mandated international body collecting data on, observing, and analysing animal diseases** throughout the world.

Legal basis for animal disease notification to WOAAH



NOTIFICATION OF DISEASES, AND PROVISION OF EPIDEMIOLOGICAL INFORMATION

Article 1.1.1.

For the purposes of the *Aquatic Code* and in terms of Articles 5, 9 and 10 of the OIE Organic Statutes, Member Countries shall recognise the right of the *Headquarters* to communicate directly with the *Competent Authority* of its *territory* or *territories*.

All *notifications* and all information sent by the OIE to the *Competent Authority* shall be regarded as having been sent to the country concerned and all *notifications* and all information sent to the OIE by the *Competent Authority* shall be regarded as having been sent by the country concerned.

Article 1.1.2.

1. Member Countries shall make available to other Member Countries, through the OIE, whatever information is necessary to minimise the spread of important *diseases* of *aquatic animals* and their *pathogenic agents* and to assist in achieving better worldwide control of these *diseases*.
2. To achieve this, Member Countries shall comply with the *notification* requirements specified in Articles 1.1.3. and 1.1.4.
3. For the purposes of this chapter an 'event' means a single *outbreak* or a group of epidemiologically related *outbreaks* of a given *disease* that is the subject of a *notification*. An event is specific to a pathogen and strain, when appropriate, and includes all related *outbreaks* reported from the time of the immediate *notification* through to the final report. Reports of an event include *susceptible species*, number and geographical distribution of affected *aquatic animals* and *epidemiological units*.

Article 1.1.3.

The *Competent Authority* 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 e-mail within 24 hours of any of the following events:
 - a. first occurrence of a *listed disease* in a country, a *zone* or a *compartment*;
 - b. recurrence of a *listed disease* in a country, a *zone* or a *compartment* following the final report that declared the *outbreak* ended;
 - c. first occurrence of a new strain of a *pathogenic agent* of a *listed disease* in a country, a *zone* or a *compartment*;
 - d. a sudden and unexpected change in the distribution or increase in incidence or virulence of, or morbidity or mortality caused by the *pathogenic agent* of a *listed disease*, present within a country, a *zone* or a *compartment*;
 - e. occurrence of a *listed disease* in a new host species;
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 *disease* has been eradicated or the situation has become sufficiently stable so 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;
3. six-monthly reports on the absence or presence and evolution of *listed diseases* and information of epidemiological significance to other Member Countries;
4. annual reports concerning any other information of significance to other Member Countries.

Criteria for inclusion on the WOAAH lists of diseases

Terrestrial and Aquatic codes

1

International spread
and absent in at least
one country

AND

2

Transmissible to
humans with severe
consequences

OR

Important morbidity /
mortality in domestic or
wild animals

AND

3

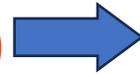
Available method
for detection /
diagnostic
Case definition

Member representatives involved in disease notification

Official representative = Delegate ...

Supported by 8 FPs

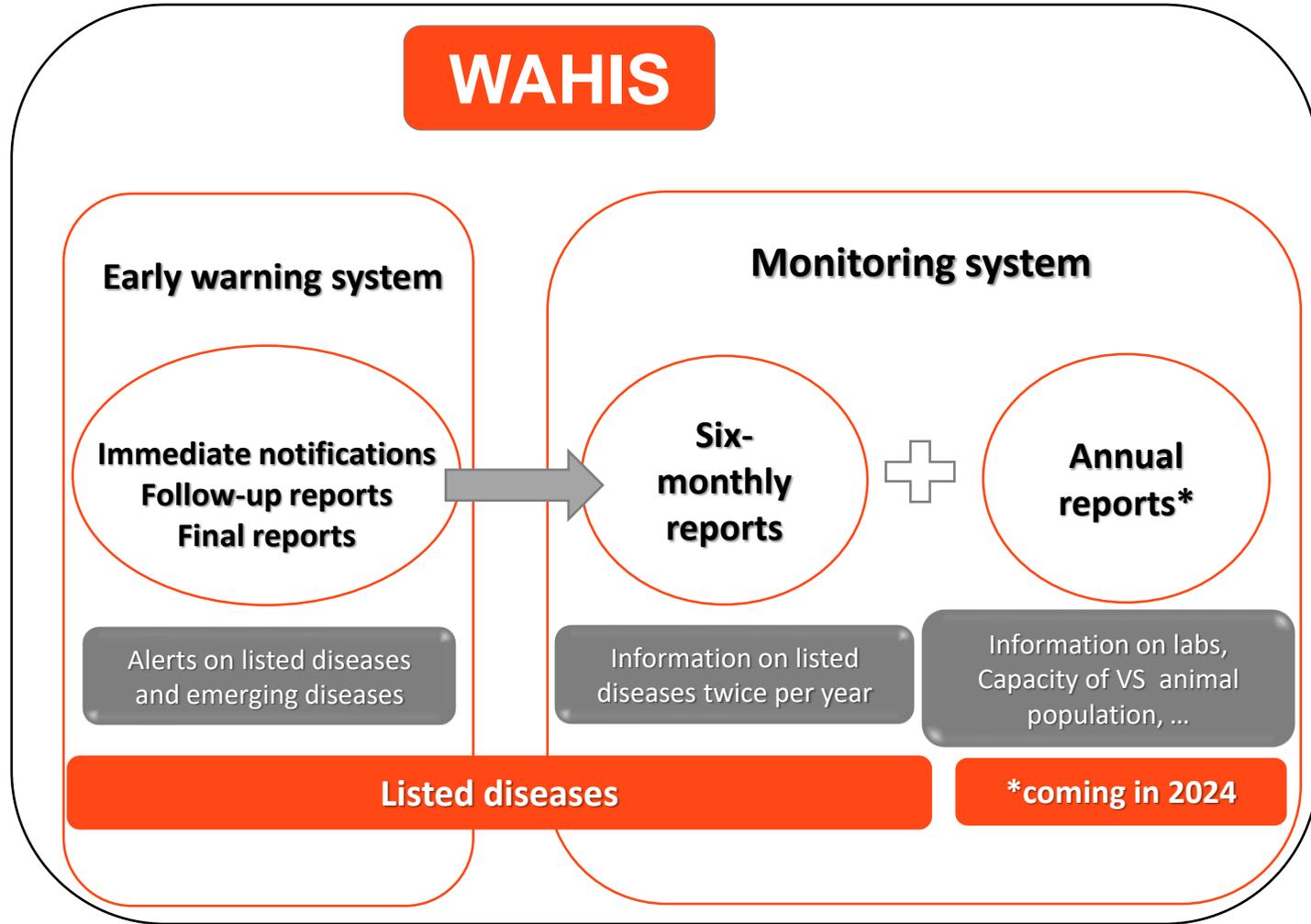
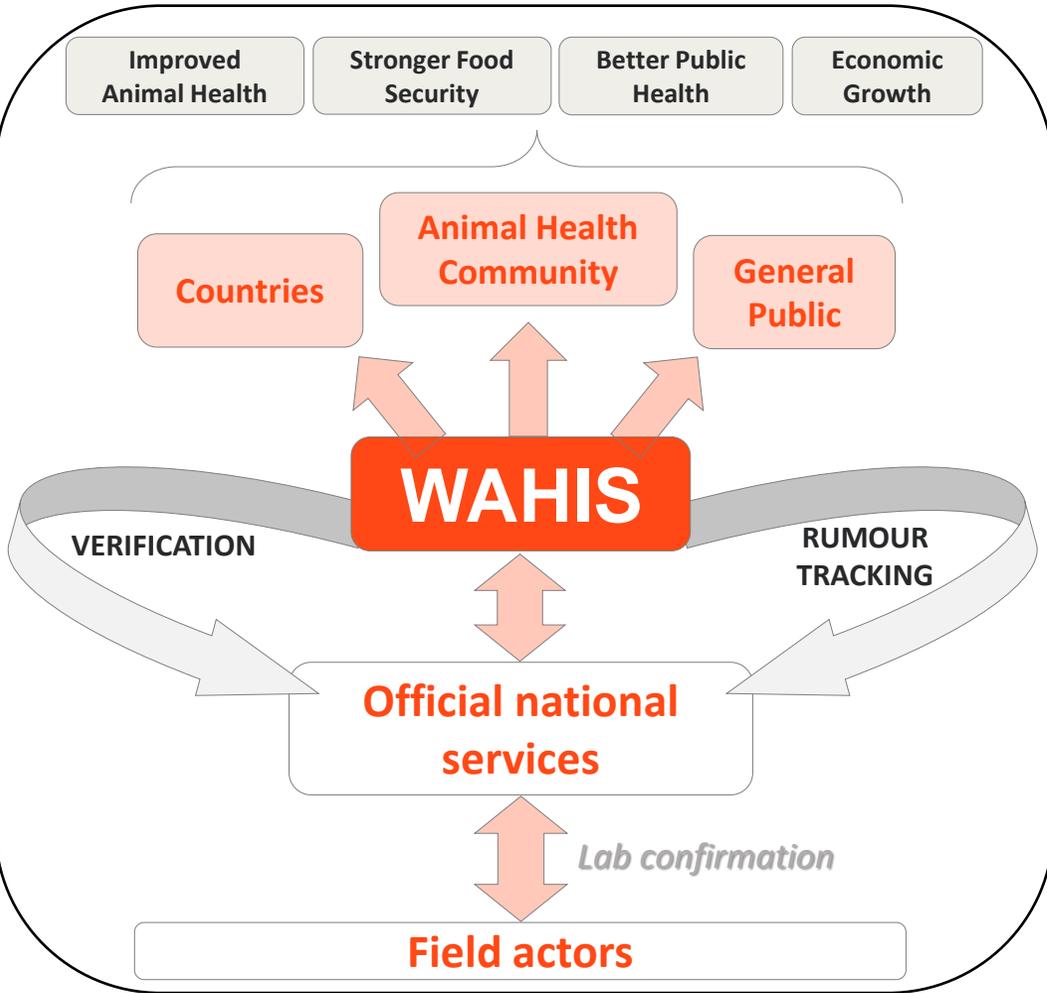
- **Animal Disease Notification**
- **Aquatic Animals**
- Wildlife
- Veterinary laboratories
- Animal welfare
- Veterinary products
- Communication



Ensure diseases are reported as per WOAAH standards on behalf of the delegate



WOAH disease surveillance system : WAHIS



WAHIS : Surveillance modules and information flow

*New version of annual report module still under development



2. Disease reporting through WAHIS: Early Warning and Monitoring modules

1. WOAHA Standards and requirements for disease reporting

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3. Information dissemination: WAHIS public interface

Reporting requirements: alerts

Articles 1.1.3. and 1.1.4. of the *Terrestrial and Aquatic Codes*

Immediate notifications and weekly follow-up reports on exceptional events:

- first occurrence or recurrence of a listed disease in a country or zone
- first occurrence of a new strain of a pathogenic agent of a listed disease
- sudden and unexpected change in the epidemiological distribution of a listed disease
- occurrence of a listed disease in a new host species.

Within 24 hours !

Reporting requirements: alerts

WAHIS notification procedures

Event

Single outbreak or group of epidemiologically related outbreaks of a given disease that is the object of a notification.

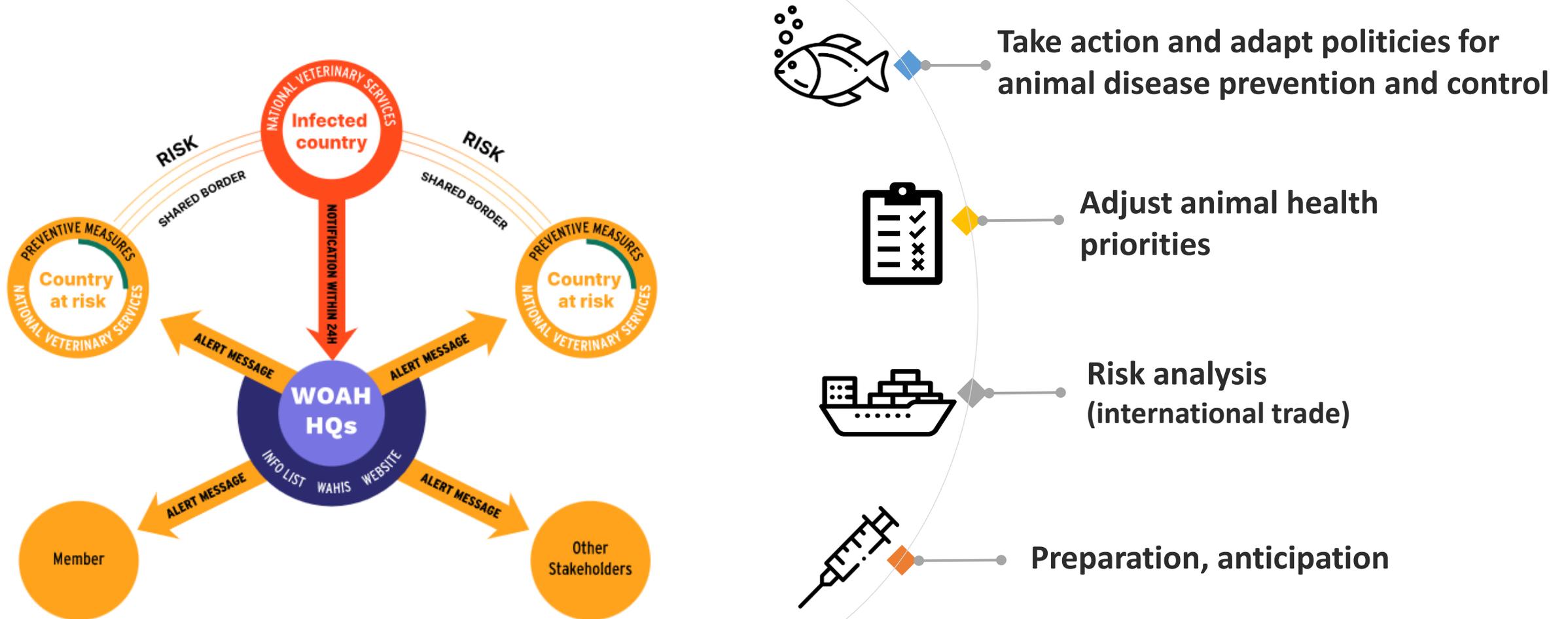
An event includes all related outbreaks reported from the immediate notification through to the final report.

Outbreak

Occurrence of one or more cases in an epidemiological unit.

Reporting requirements: importance of the alert

National, regional and global levels



Reporting requirements: follow-up reports

- Articles 1.1.3. and 1.1.4. of the *Terrestrial and Aquatic Codes*

Why it is important to keep your ongoing events updated:

- **Transparency** – WOA's mandate
- Opening **trade** after a disease event
- (Re)gaining **official disease status** of freedom
- Making a **self-declaration** of freedom
- **Data consistency** with six-monthly reports

Reporting requirements : six-monthly reports

Articles 1.1.3 of the *Terrestrial and Aquatic Codes*

2 semestrial reports (terrestrial and aquatic animals) providing for each of the WOAH-listed diseases :

- Occurrence code (present, absent, no information...)
- Control measures
- Quantitative data

Reporting objective: make animal health data publicly available

WAHIS

Prompt dissemination

Ensures prompt dissemination of information on potentially devastating outbreaks



Facilitates decision making

Facilitates decision making in terms of international trade of animals and animal products



Reliable data

Provides open-access, high-quality, reliable data





3. Information dissemination: WAHIS public interface

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**3. Information dissemination:
WAHIS public interface**

Verification and validation before publication

WAHIAD staff check for:

- **completeness and consistency** of data submitted by countries
- epidemiological **consistency over time**
- compliance with **WOAH Standards** and **WAHIS procedures**
- presence of **data entry errors**

Clarification requested from reporting country if needed



Data as consistent and reliable as possible

Publication of information : WAHIS Public interface

Event management page and SMR report page

HOME >> ANIMAL DISEASE EVENTS

Events management

Filters

<input type="checkbox"/>	Country	Report number	Disease	Genotype/ Serotype/ Subtype	Re
<input type="checkbox"/>	Russia	IN	High pathogenicity avian influenza viruses (poultry) (Inf. with)	H5N1	Re
<input type="checkbox"/>	Germany	IN	West Nile Fever		Re
<input type="checkbox"/>	Russia	IN	African swine fever virus (Inf. with)		Re
<input type="checkbox"/>	Ukraine	IN	African swine fever virus (Inf. with)		Re
<input type="checkbox"/>	Kyrgyzstan	IN	Anthrax		Re
<input type="checkbox"/>	Moldova	FUR_1	African swine fever virus (Inf. with)		Re
<input type="checkbox"/>	Moldova	FUR_3	African swine fever virus (Inf. with)		Re
<input type="checkbox"/>	Russia	IN	African swine fever virus (Inf. with)		Re
<input type="checkbox"/>	Finland	IN	Influenza A viruses of high pathogenicity (Inf. with) (non-poultry including wild birds) (2017-)	H5 (N untyped)	Re
<input type="checkbox"/>	Germany	IN	West Nile Fever		Re

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

HOME >> SMR REPORTS

Six-monthly report table

Below you can find **six-monthly reports** which include information reported for all OIE-listed diseases (disease status, quantitative data and control measures) in a bi-annual form. This table allows you to search, filter, visualize and download the reports.

SEARCH BY REPORT ID

<input type="checkbox"/>	COUNTRY/TERRITORY	WORLD REGION	REPORT ID	TYPE OF REPORT	REPORT PERIOD	REPORT YEAR
	<input type="text" value="ALL SELECTED"/>	<input type="text" value="1 SELECTED"/>	<input type="text" value="1 SELECTED"/>			
<input type="checkbox"/>	Azerbaijan	Asia	SMR_161958	Aquatic	First semester	2023
<input type="checkbox"/>	Cook Islands	Oceania	SMR_162201	Terrestrial	First semester	2023
<input type="checkbox"/>	Falkland Islands	Americas	SMR_161851	Aquatic	First semester	2023
<input type="checkbox"/>	Iraq	Asia	SMR_161843	Aquatic	First semester	2023
<input type="checkbox"/>	Liechtenstein	Europe	SMR_161626	Aquatic	First semester	2023
<input type="checkbox"/>	Nepal	Asia	SMR_161659	Terrestrial	First semester	2023
<input type="checkbox"/>	Seychelles	Africa	SMR_161676	Terrestrial	First semester	2023

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

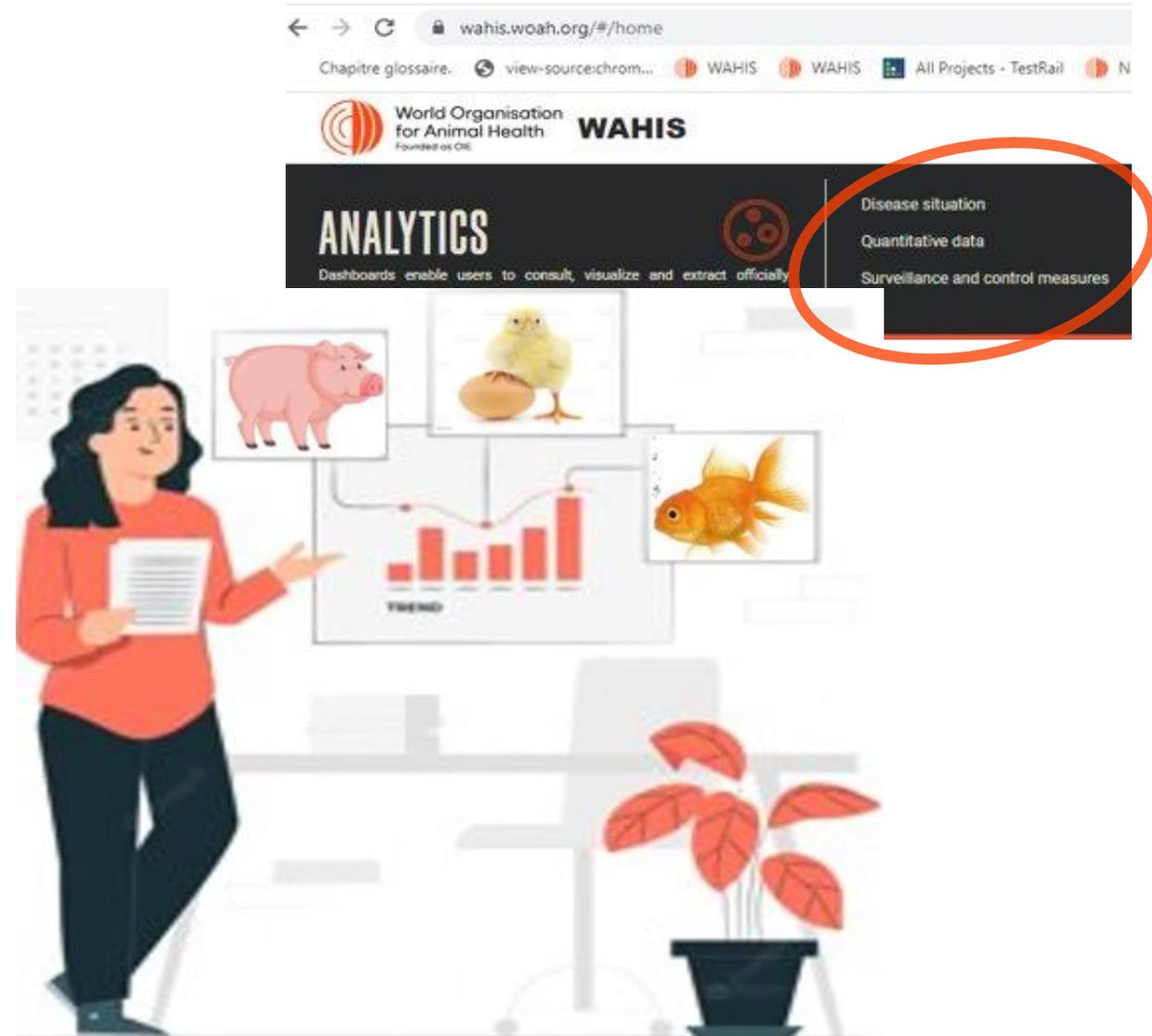
Publication of information : WAHIS Public interface

WAHIS Analytics : Interactive dashboards

Insights from WAHIS data, customizable according to user needs

Data aggregated from both early warning and six-monthly reports, providing a complete overview on:

- Disease situation
- Quantitative data
- Surveillance and control measures



WAHIS in an interconnected world

Data sharing in a One Health context

WAHIS is the global reference platform for validated official data on animal diseases of epidemiological significance in both domestic and wild species → data source for many other information systems (including FAO, EFSA, PAHO, CDC).

Interconnection WAHIS-ADIS

WAHIS is being interconnected with the European Union Animal Disease Information System (ADIS) which will enable a unique reporting interface for European countries.

Implementation of a datahub for data sharing

Implementation of an opensource datahub including WAHIS data and data from other WOAHA information systems (including ANIMUSE, Disease official Status data, PVS data).

WAHIS update : What will happen in 2023 and 2024



WAHIS maintenance and evolution

Early Warning module

Delivered
Evolutive maintenance ongoing

02

Annual report

Delivery Q2 2024

04

Dashboards

Optimisation and performance ongoing

06

01

ADIS interconnection

Expected in 2024

03

Six-Monthly Report

Optimisation expected Q2 2024

05

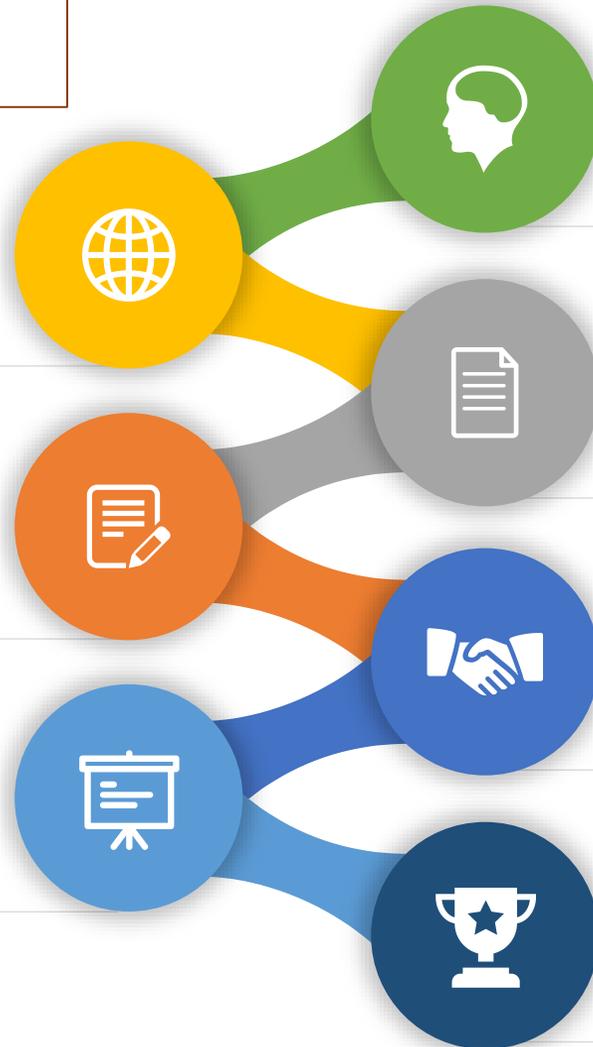
Public Interface

Rebranding and optimisation Q2 2024

07

Codification

Scoping completed
Integrate codification principles by end 2024-2025



Conclusions

- WAHIS => data from **official veterinary services**, based on WOAHA Standards and validated before publication
- World **reference database** for official information on animal diseases of epidemiological significance : data source for other sanitary information systems
- Data used for **international trade (WTO)**, **scientific research**, **disease control** programs, press and media
- System under **continuous improvement**



How does WOAAH support Members in notifying data?



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;



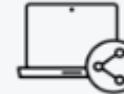
Request the guiding tour on WAHIS Public interface and Analytics



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

Thank you!

Questions?

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