

A next-generation information system for wildlife health

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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

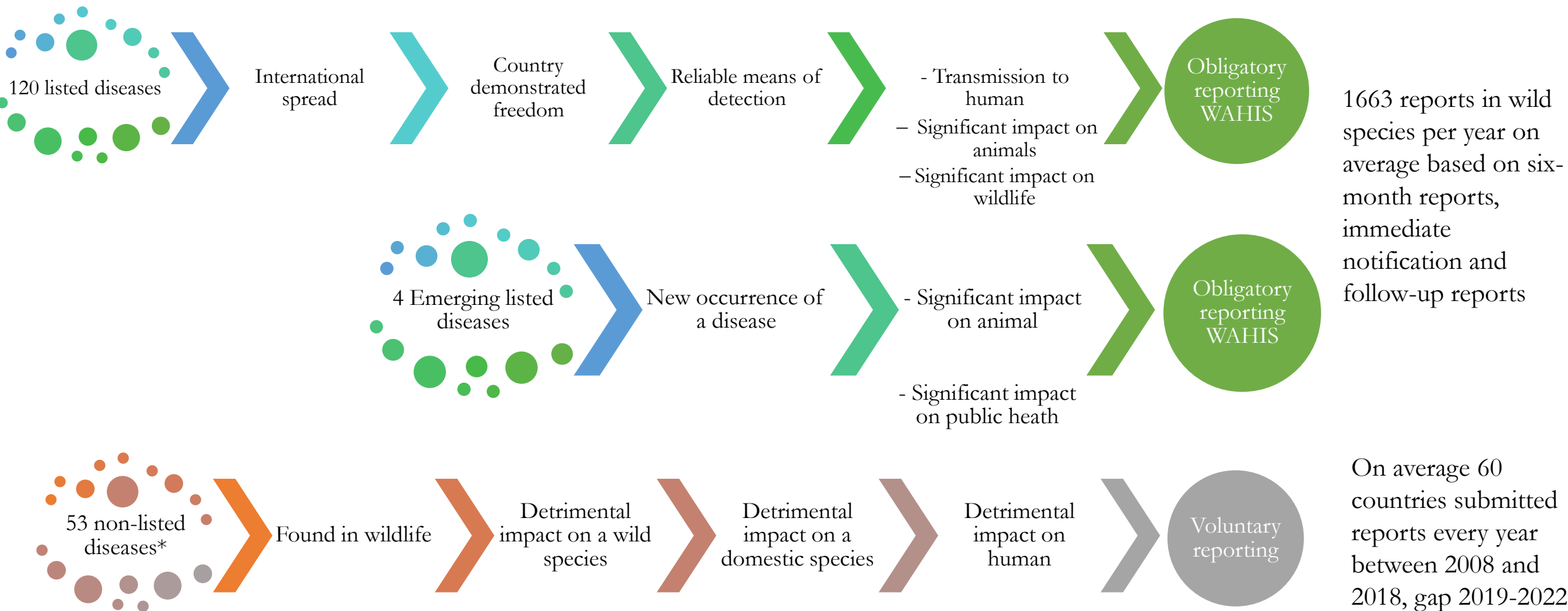


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- 1. Wildlife health data reporting to WOAH**
2. Scope
3. Assessing the capacities
4. Identifying the good practices



Global notification of diseases in wild animals: a disease-based system



* includes Undiagnosed mortality events



Reporting non-listed diseases in terrestrial and aquatic wild species:

1. Excel notification
2. WAHIS WILD
3. Temporary reporting module (launched early 2023)

→ designing a new strategy





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1. History
- 2. Scope**
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The scope

What is the aim of epidemiological surveillance in wildlife?

→ Defining the scope will define what is recorded and how

Conservation of biodiversity

- Protected species?
- What type of surveillance

Environmental Health

- Sentinel species?

Monitor the wild/domestic animal interface

- Anticipate pathogens transfer in both directions

Monitor the wild/human interface

- Anticipate pathogens transfer in both directions

Early warning?

Others?



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Assessing the capacity

Preliminary: Assessing and reinforcing the capacities for surveillance and notification

→ framework for disease in Wildlife

- Data management and notification

Equipment

Connectivity

Person in charge of the notification

Computational requirement

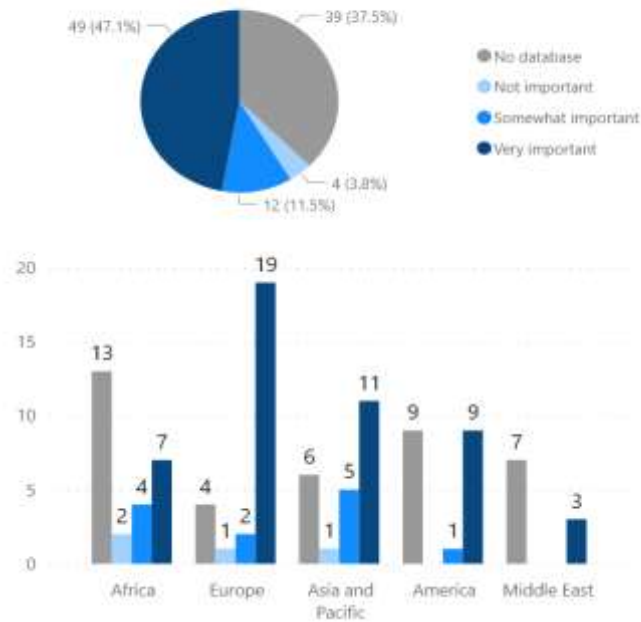
DEFINITION OF THE TECHNICAL SPECIFICATIONS OF THE NG-WHIS AND LOGISTICS



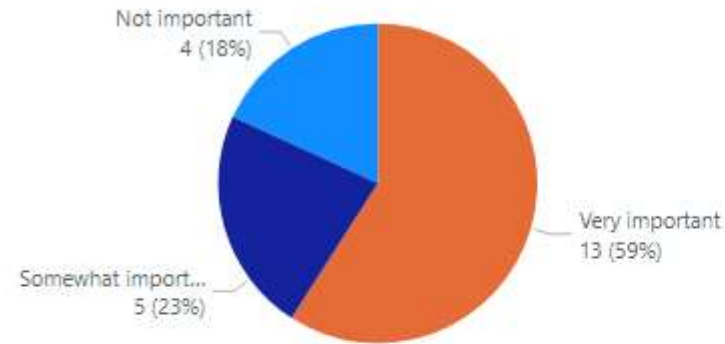
Understanding the current data management processes

85% of European countries maintain records and data from wildlife mortality/morbidity events

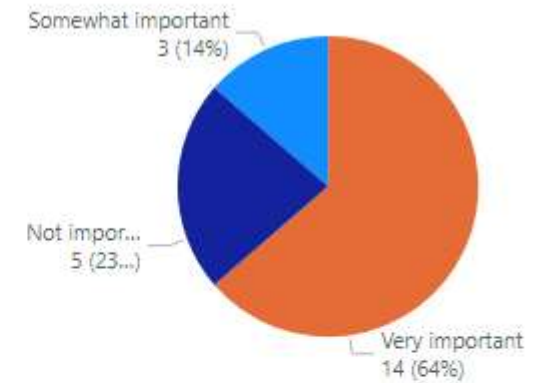
Rated importance of centralised databased for data management of data related to wildlife mortality/morbidity events



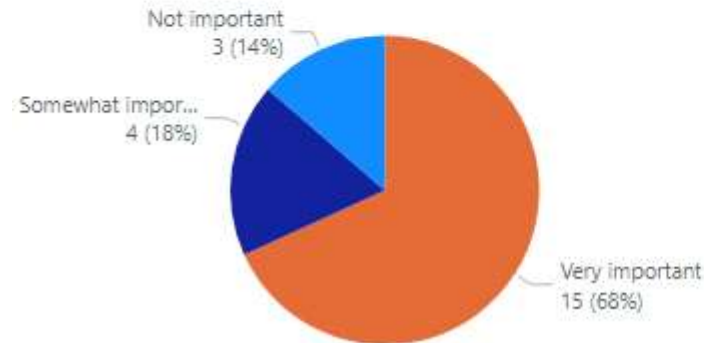
Use of Paper records



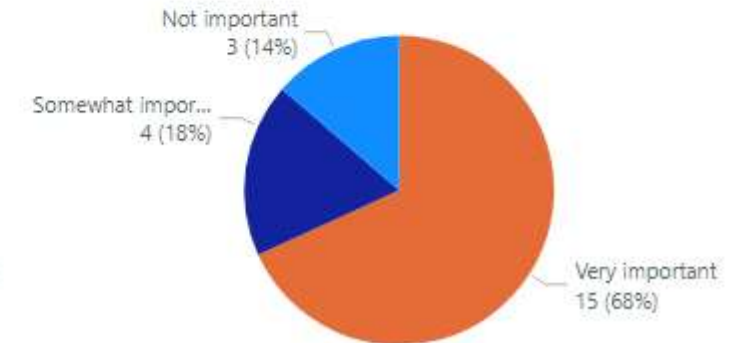
Use of Database on local computer



Use of Spreadsheet



Use of Centralized database



Assessing the current existing systems: champion identification

- What is a champion
 - Has an operational national or regional database in place
 - Efficiently reports / manages / shares data at the national level
 - Notifies events in wildlife to WOAAH
- Audit of existing systems for wildlife surveillance
- Aim: identify good data management practices that are already implemented





Assessing how the wildlife health data collected is utilized at the national level

- Communication
- Early detection
- Decision-making
- Research
- Monitoring trends

Use of the wildlife health data collected





- Scope driven
 - Disease based / species based
 - Based on active / passive surveillance / outbreak monitoring
- User friendly
- Energy efficient
- Mobile
- Allowing data export and visualization
- Voluntary / mandatory?
- **Your thoughts?**

Building together the best system for disease notification in wildlife!



Share with us!

- Good practices in data management
- Needs in data management



Thank you

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