



Update on Highly Pathogenic Avian Influenza

CDG on Poultry and eggs

17 April 2023

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*Health and
Food Safety*

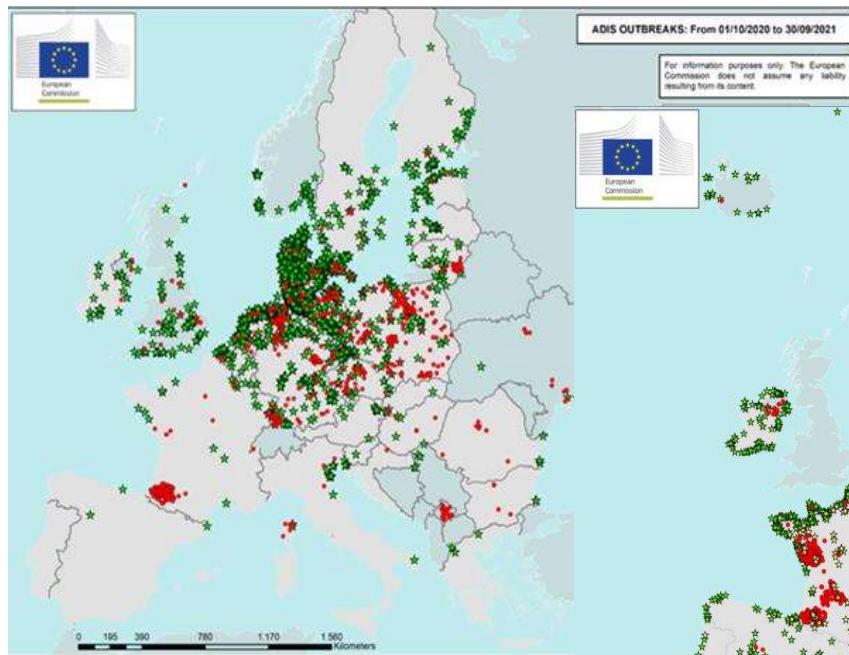
OUTLINE

1. Summary of HPAI epidemic seasons
2. EU rules for vaccination against HPAI

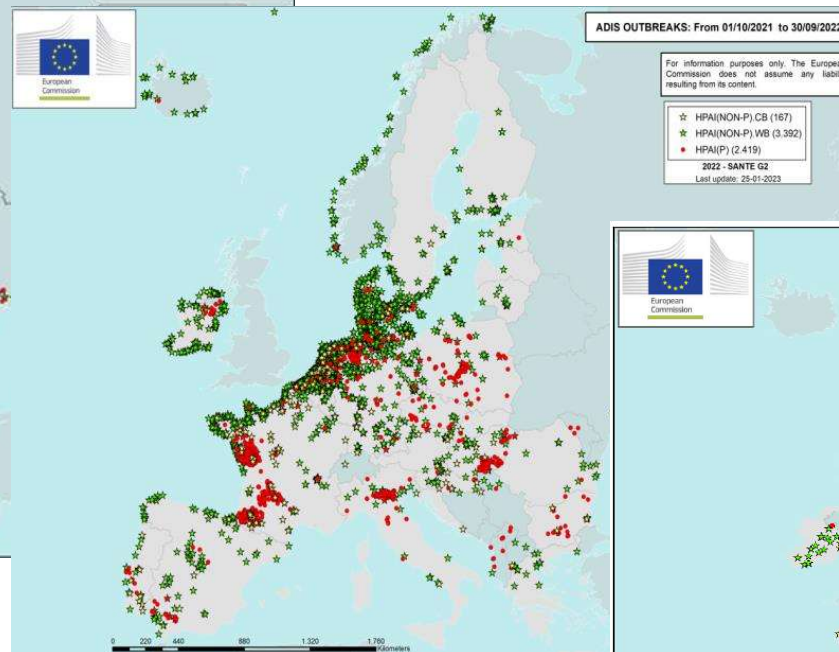
Summary of HPAI epidemic seasons

HPAI IN EUROPE IN BIRDS IN 2020 - 2023

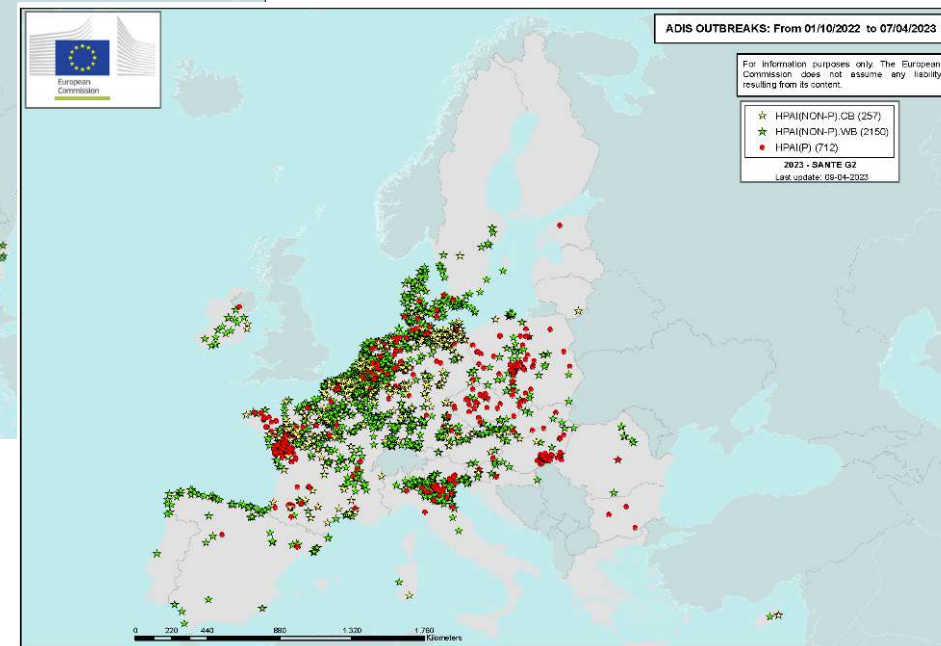
Oct 2020 – Sept 2021



Oct 2021 – Sept 2022



Oct 2022 – 7 April 2023



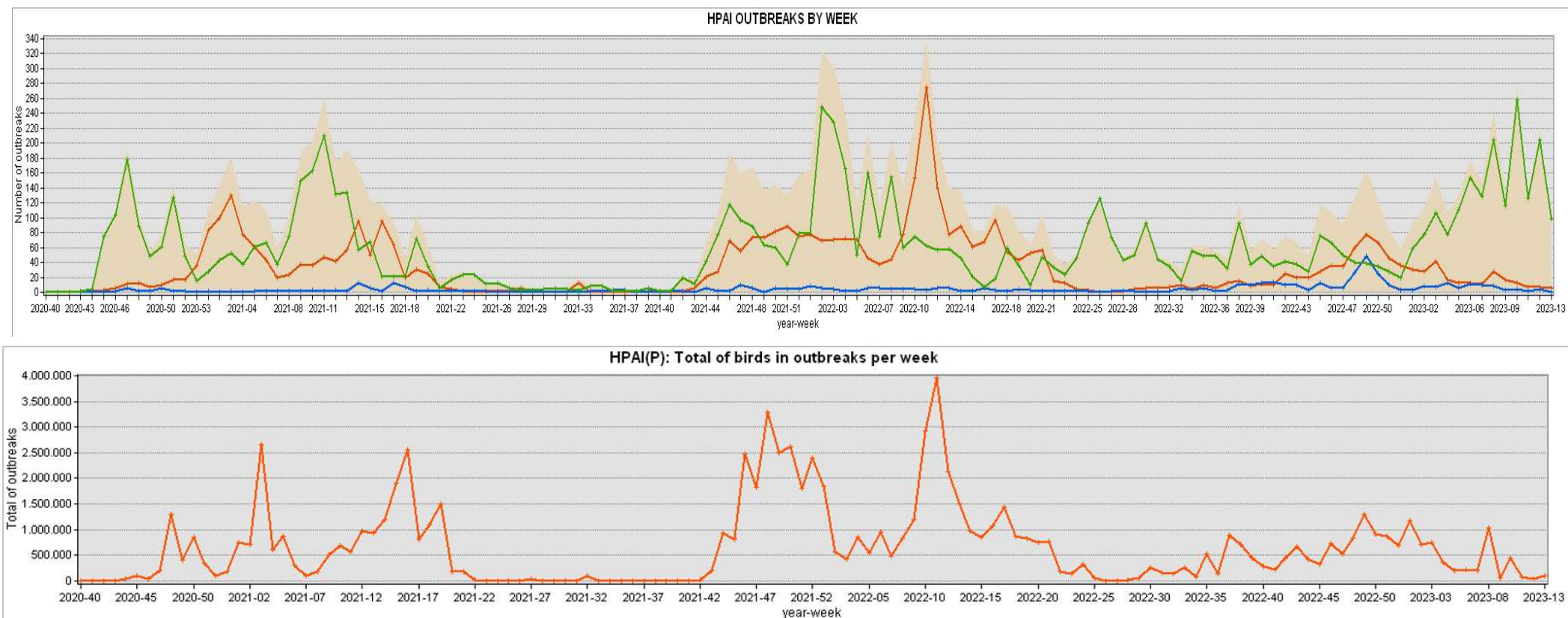
Virus spread with **wild birds** in all parts of Europe

Recurrent clusters in poultry in certain areas with high density of certain poultry production

HPAI IN EU IN BIRDS / WEEK 2020-2023

High peaks in poultry in the past (red line) detached from peaks in wild birds (green line)

Currently: reduced number of outbreaks in poultry, but worrying trend wild birds





APPROVED: 8 March 2023

doi: 10.2903/j.efsa.2023.7917

Avian influenza overview December 2022 – March 2023

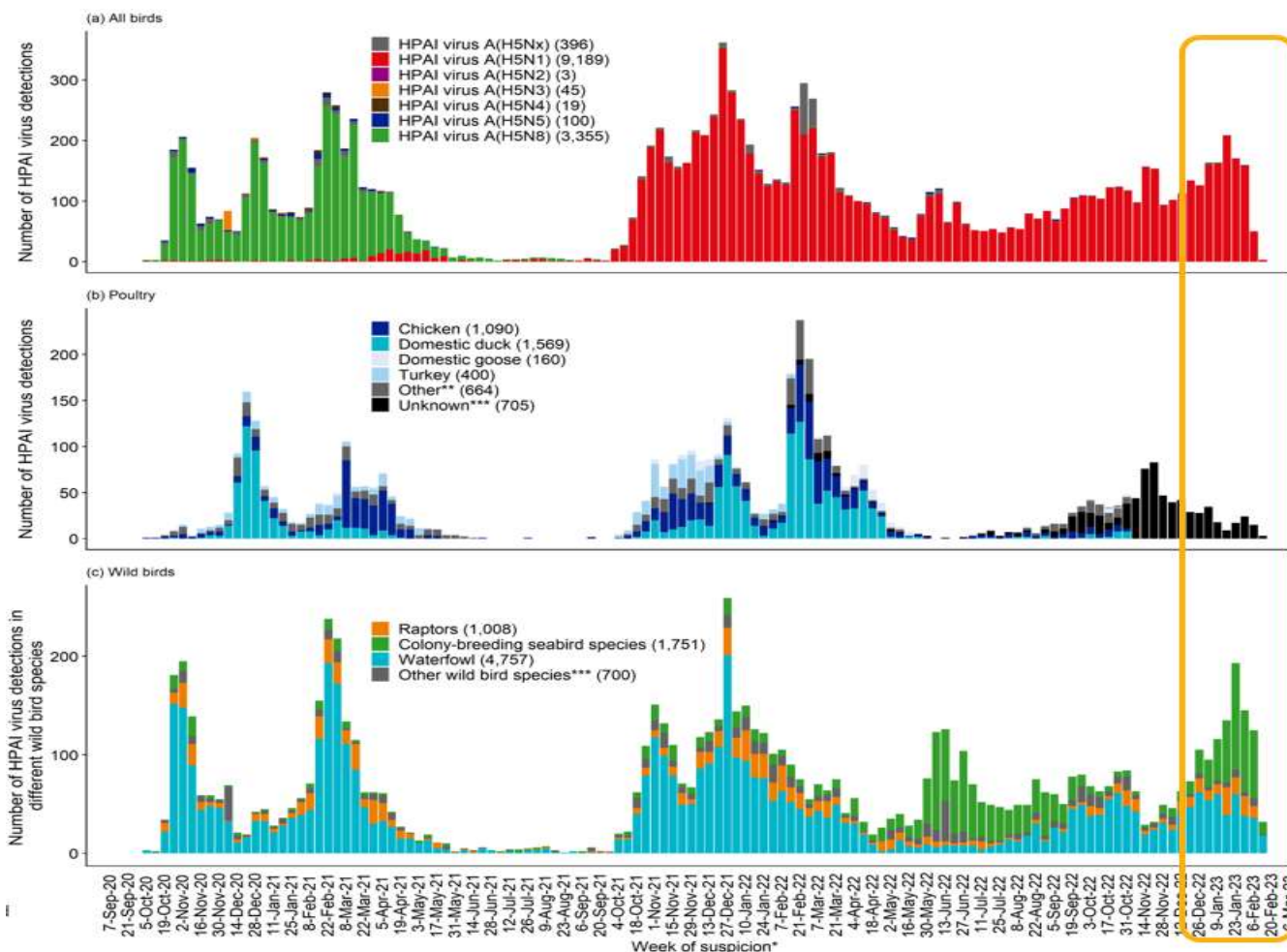
European Food Safety Authority,
European Centre for Disease Prevention and Control,
European Union Reference Laboratory for Avian Influenza,
Cornelia Adlhoch, Alice Fusaro, José L Gonzales, Thijs Kuiken, Stefano
Marangon, Grazina Mirinaviciute, Éric Niqueux, Karl Stahl, Christoph
Staubach, Calogero Terregino, Alessandro Broglia and Francesca Baldinelli

Number of HPAI detections 2020-2023

Distribution of total number of HPAI virus detections reported in Europe by week of suspicion and

- a. virus subtype
- b. affected poultry categories
- c. affected wild bird categories

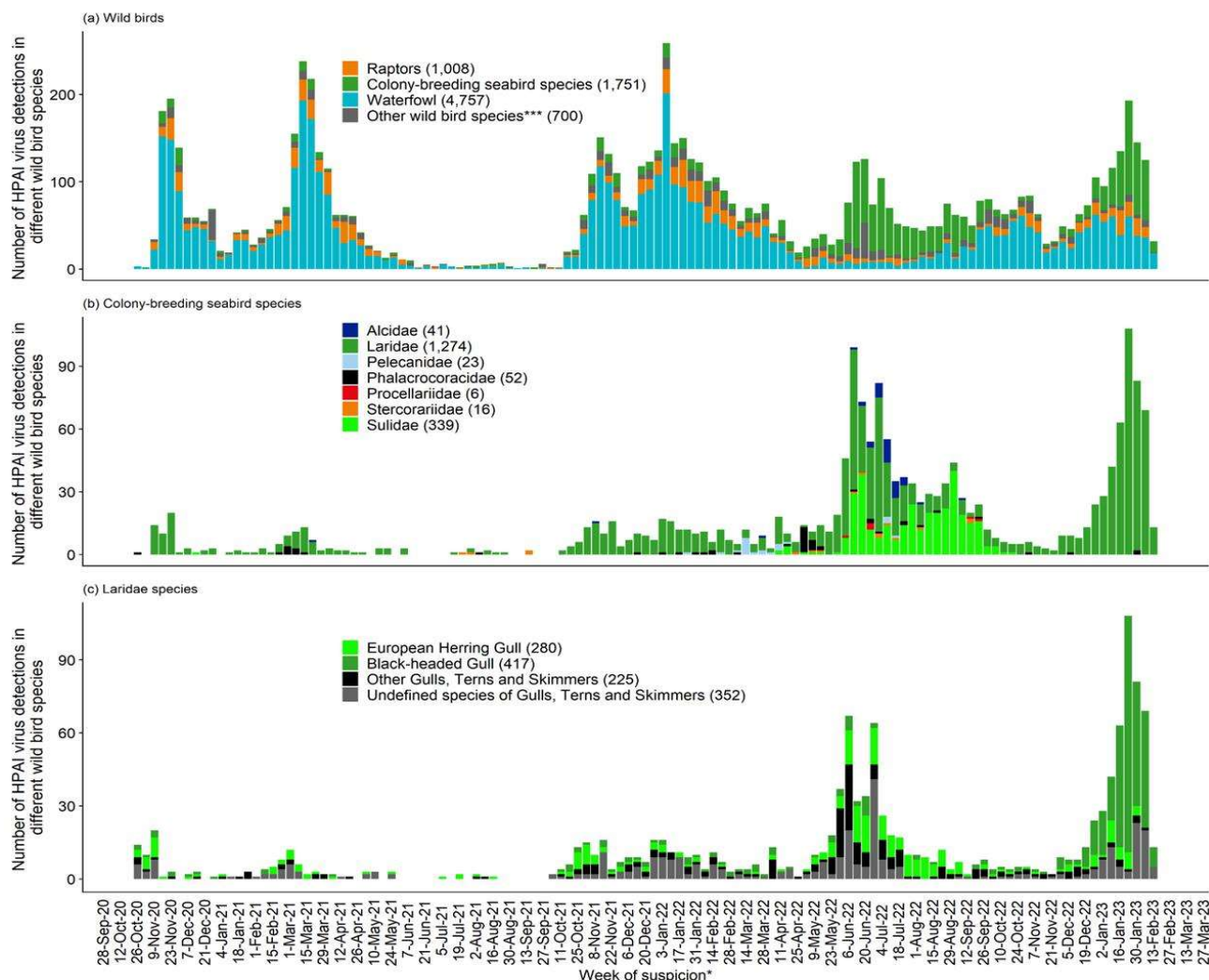
5 Oct 2020 - 1 Mar 2023



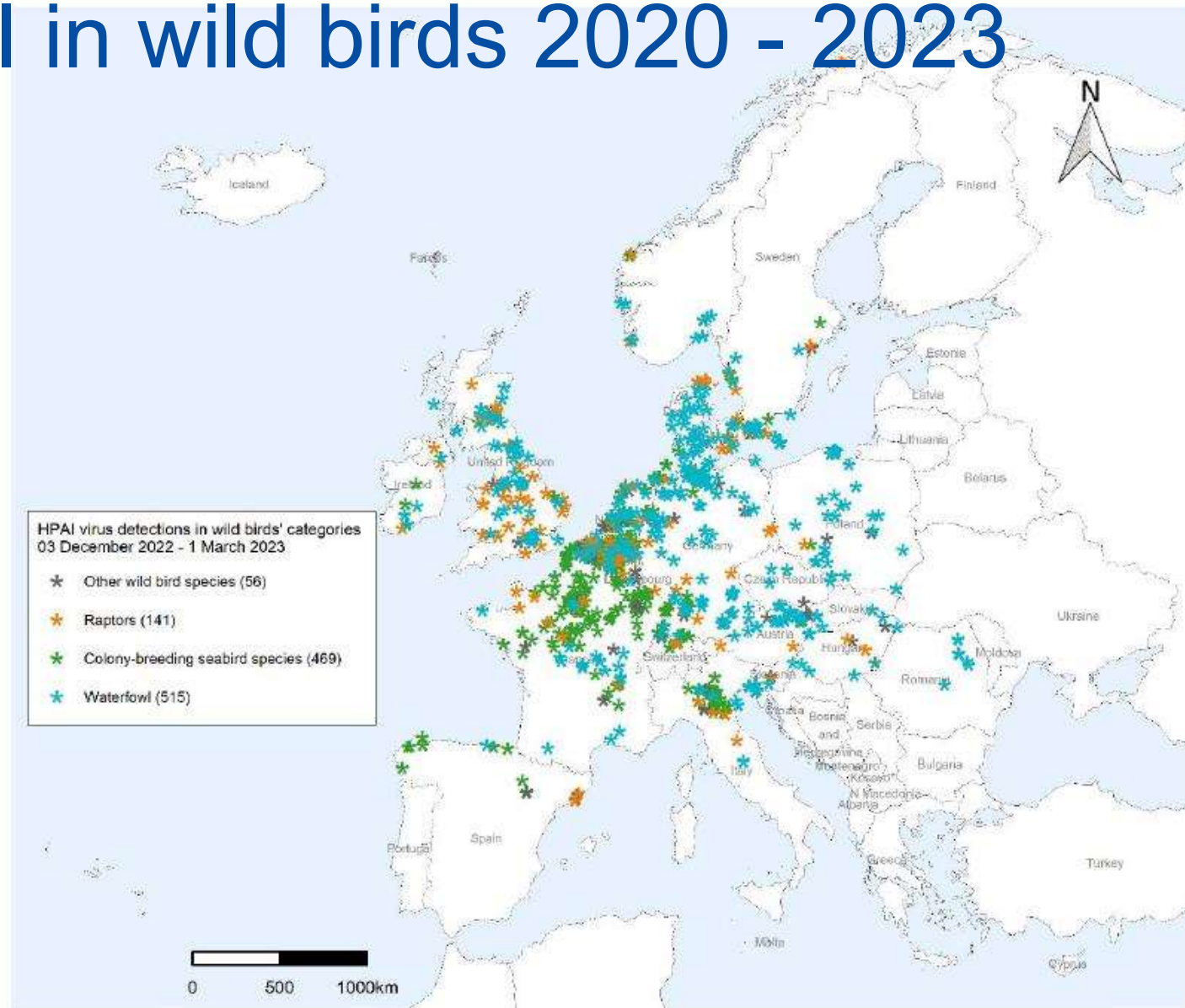
HPAI in wild birds 2020 - 2023

Distribution of total number of HPAI virus detections reported in Europe
by week of suspicion in **wild birds**

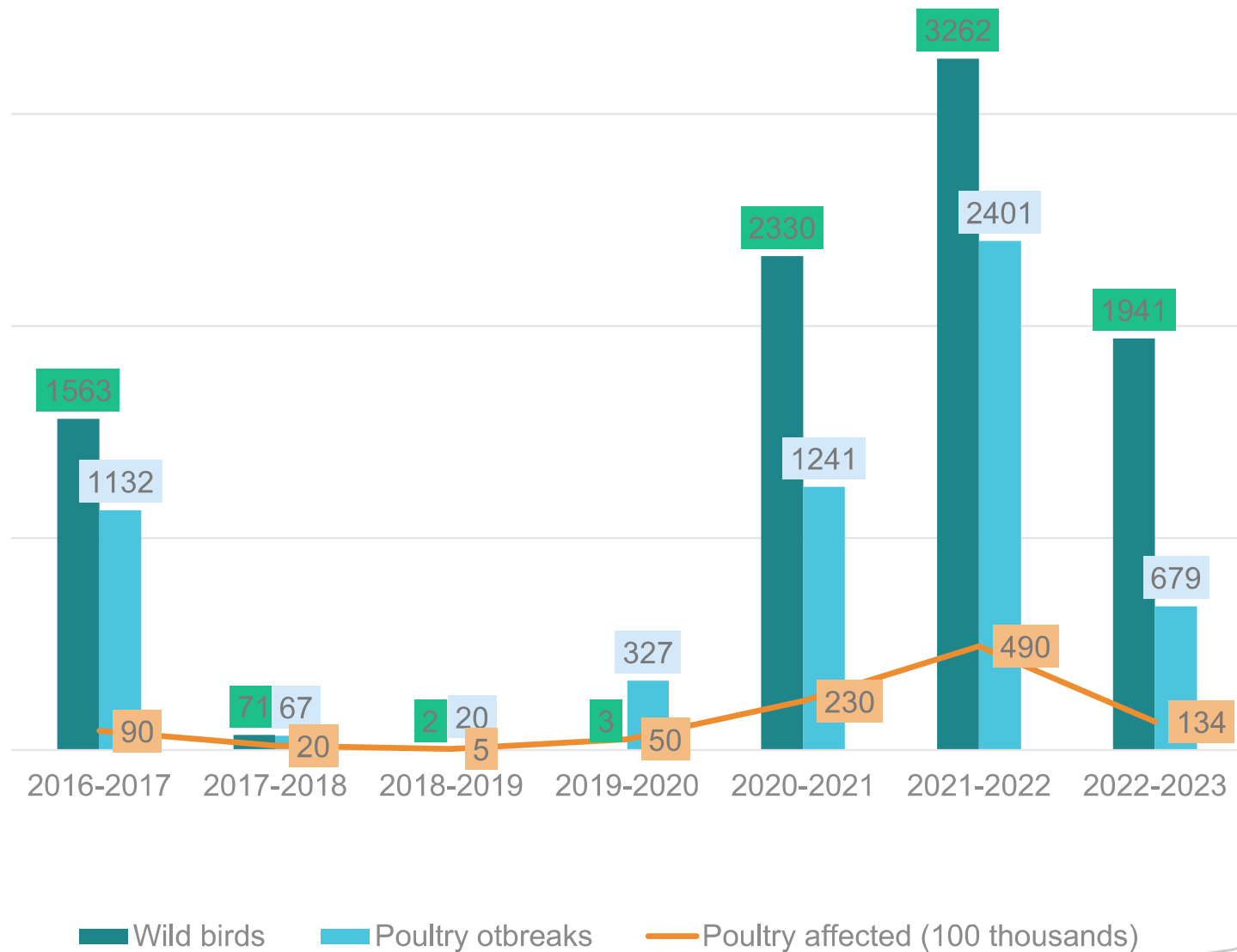
5 Oct 2020 – 1 Mar 2023



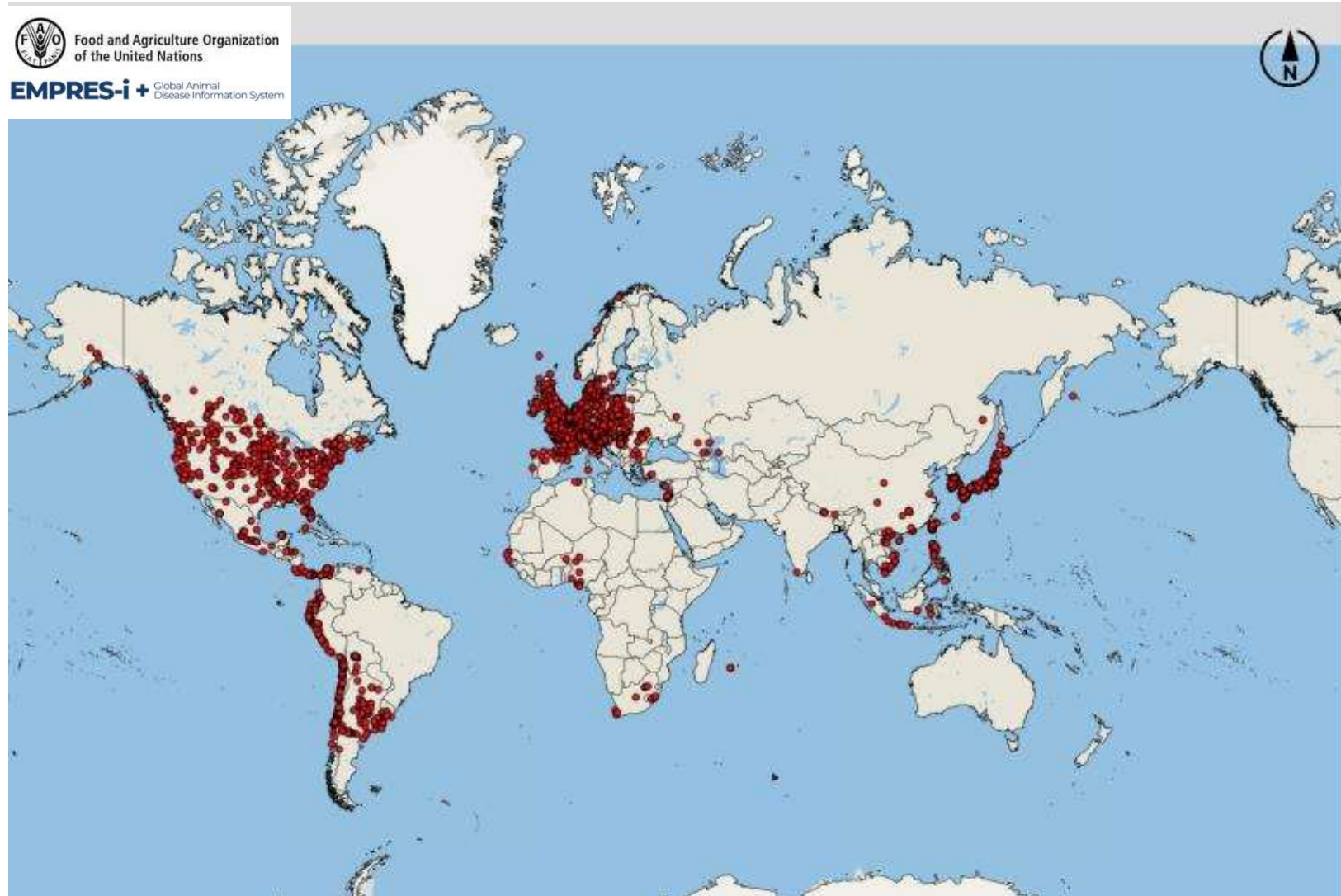
HPAI in wild birds 2020 - 2023



Summary of HPAI epidemic seasons in figures



Worldwide situation since 1st October 2022



Specific rules on vaccination against HPAI

Main actions of the Commission (SANTE)

Regionalisation

Commission Implementing Decision for EU

regionalisation:

-46 amendments since 2021

Commission Implementing Regulation for third countries

regionalisation:

- 47 amendments for regionalisation (Canada, UK, USA and recently Chile)

Legislative

Specific rules for vaccination against HPAI:

Delegated Regulation(EU) 2023/361:

- Adopted by COM on 28 Nov 2022
- EP, Council objection period ended on 28 January 2023
- Publication in Official Journal **20 February 2023**
- Applies as of 12 March 2023

Monitor

SANTE audits:

Poland – Oct 2021
Italy - Mar 2022
Germany - May 2022
France - Sep 2022
Sweden – Nov 2022

Support

EUVET:

France – April 2022

Co-finance

- Emergency measures
- Surveillance

Training

BTSF

Scientific advice

EFSA/ECDC/EURL:

Quarterly overview reports
(epidemiological situation)

EFSA mandate for Scientific opinion on vaccination against HPAI:

1. Type of vaccines, vaccination strategies – expected July 2023
2. Surveillance, risk-mitigation measures – expected March 2024

State of play

- **General rule:** vaccination allowed based on Art. 46 of Animal Health Law (EU) 2016/429
- **Specific supplementing rules developed by COM, based on Art. 47 of Animal Health Law**
- **Discussed in 8 Expert group meetings** from March 2020 until May 2022
- **Public feedback:** 5 August – 2 September 2022
- **Translation:** August – October 2022
- **Adoption by COM:** November 2022
- **EP and Council objection period:** November – December 2022
- **Official Journal Publication:** 20 February 2023: Delegated Regulation (EU) 2023/361
- **Rules in force:** as of **12 March 2023**

Use of vaccines in animals for Category A diseases principles

Member States
allow

The competent
authority decides
and controls

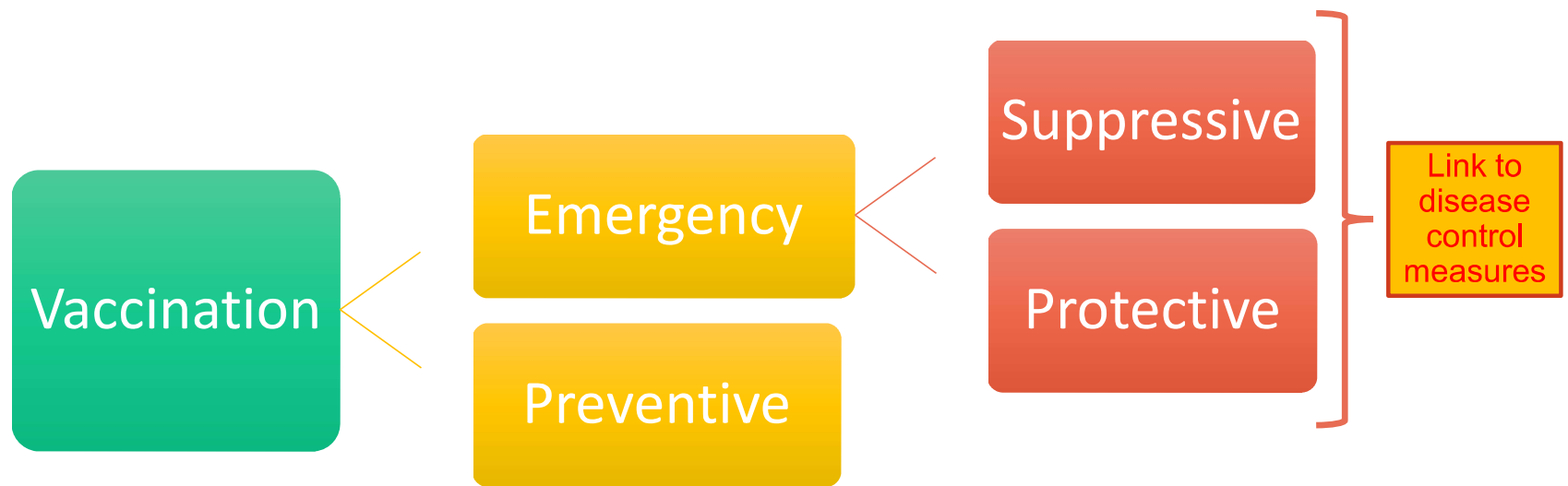
Vaccination as part of official
measures put in place by the CA
for prevention and control of
category A diseases

In accordance with the
general
rules/measures in EU
Regulations

In accordance with the
disease-specific
conditions in Annexes
(Terrestrial)

Exceptions for
Newcastle
disease

Vaccination strategies for prevention and control of category A diseases of poultry



SPECIAL CASES



Preventive vaccination

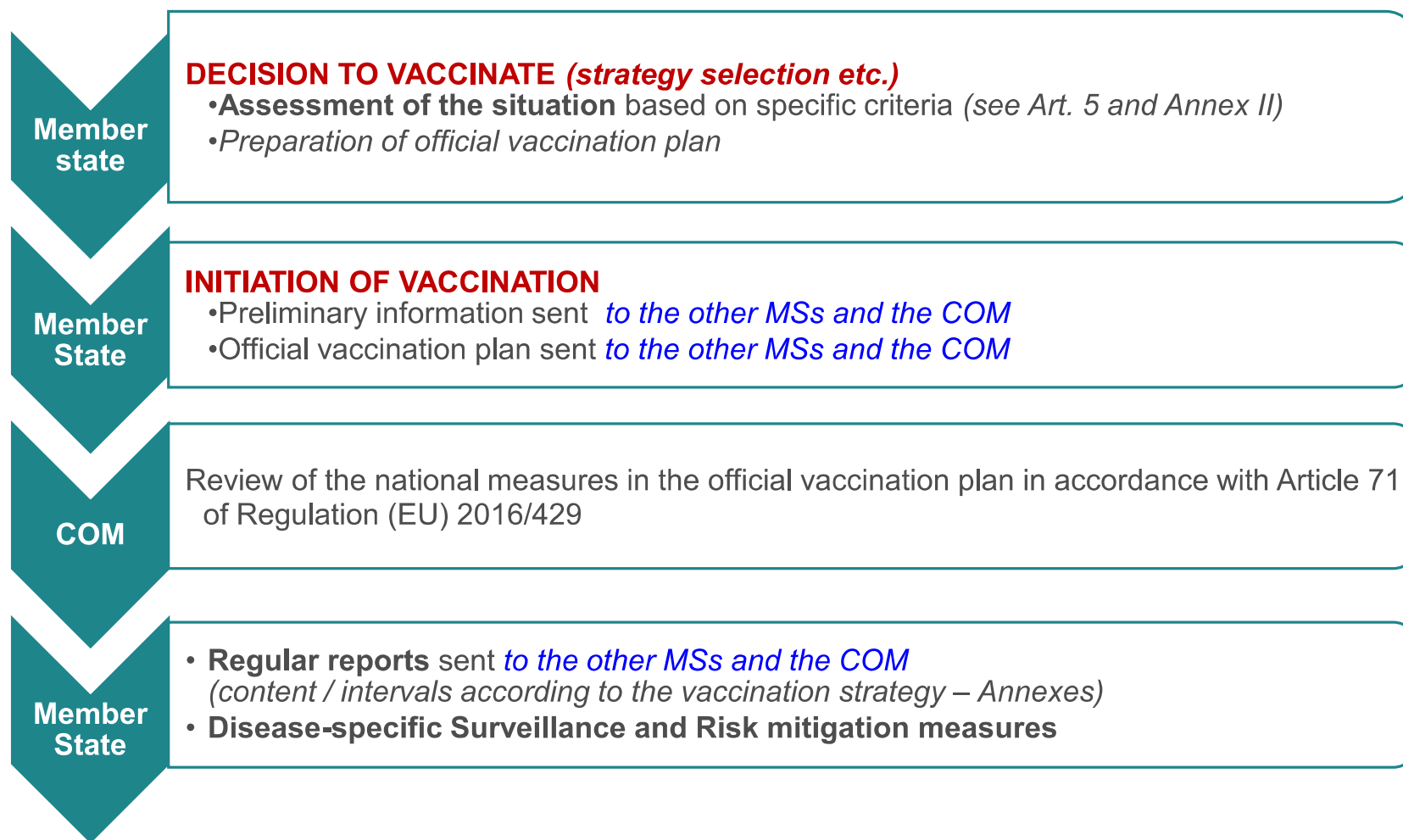
- ✓ General rules
- ✓ Disease-specific conditions **available only for HPAI** [for the moment]

Vaccination against Newcastle Disease

- ✓ **Special status** for “*routine precautionary vaccination*”



Decision Making - Implementation process for the use of vaccines in animals for Category A diseases



Ongoing work of EFSA on HPAI



Avian Influenza Surveillance

- Annual report on results of surveillance implemented by Member States
- 1x/y since 2019



Overview epidemiological reports

- Analyse epidemiological data on HPAI and LPAI
- Analyse temporal and spatial pattern and risk factors involved in the occurrence, spread and persistence of the HPAI virus
- 4x/y since 2019



Scientific opinion on vaccination against HPAI

Request formally sent by the Commission in July 2022

Questions :

vaccines
vaccination strategies

Delivery :

by 31 July 2023

surveillance
risk mitigation measures

by 31 March 2024

Conclusions

- **HPAI increased risk** for poultry in the EU **since 2020**
- **Recurrent clusters** in areas with high density of certain **poultry** sectors (e.g. fattening ducks for foie gras, fattening turkeys)
- **Changes** in the dynamic and species representation of HPAI **in wild birds**

BIOSECURITY remains the **cornerstone as preventive measure** to protect poultry from infection.

Vaccination as a preventive/control measure is possible under EU rules and is now explored by certain MS

Thank you

COM web page on Avian influenza

https://ec.europa.eu/food/animals/animal-diseases/diseases-and-control-measures/avian-influenza_en



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