



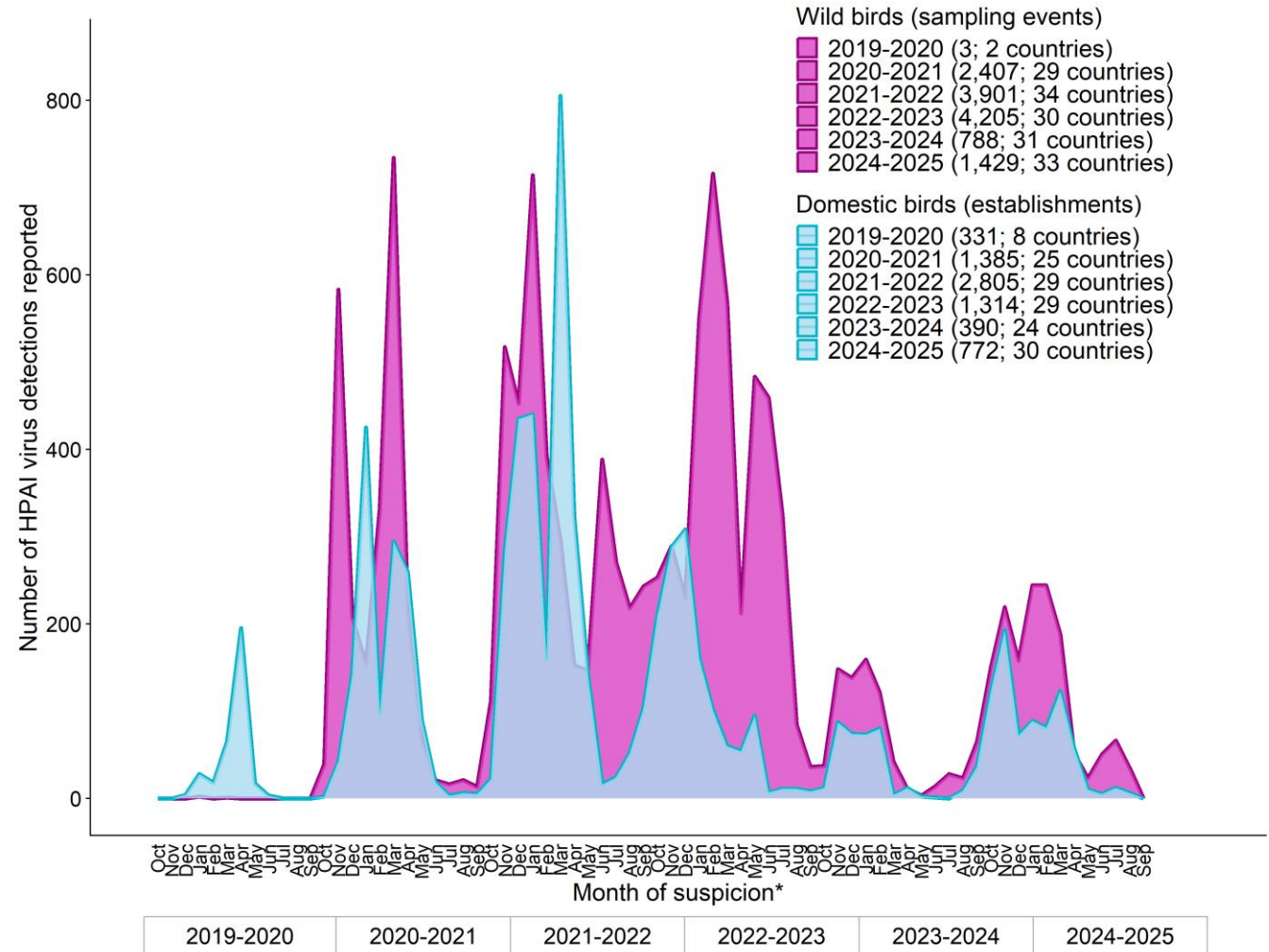
# UPDATES FROM PREVIOUS EFSA WORKSHOP

Inma Aznar,  
Team Leader Animal Health  
BIOHAW Unit

# HPAI: DOMESTIC AND WILD BIRDS

**-Publication of next monitoring report 25 Sept**

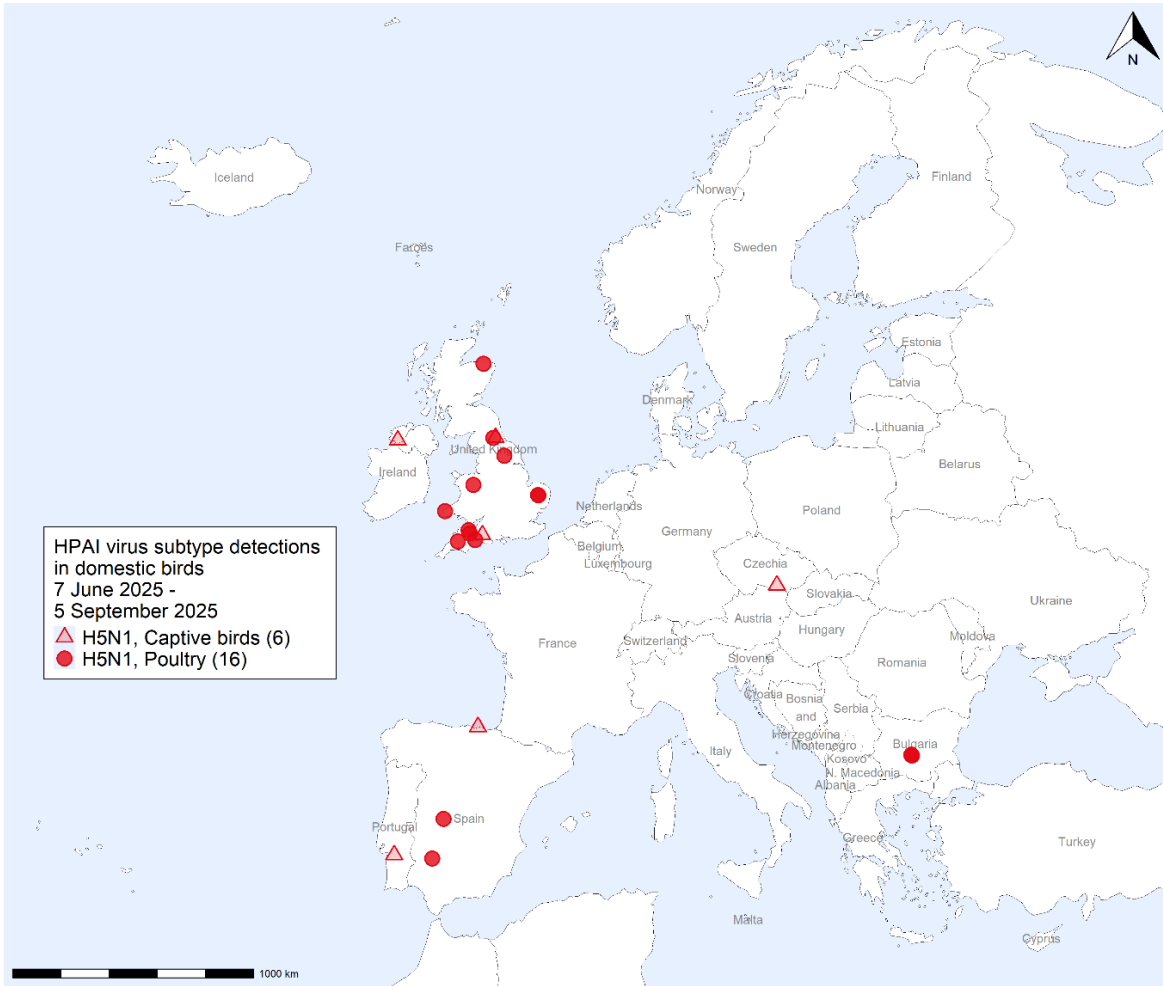
**-Data covering up to the 29<sup>th</sup> of August**



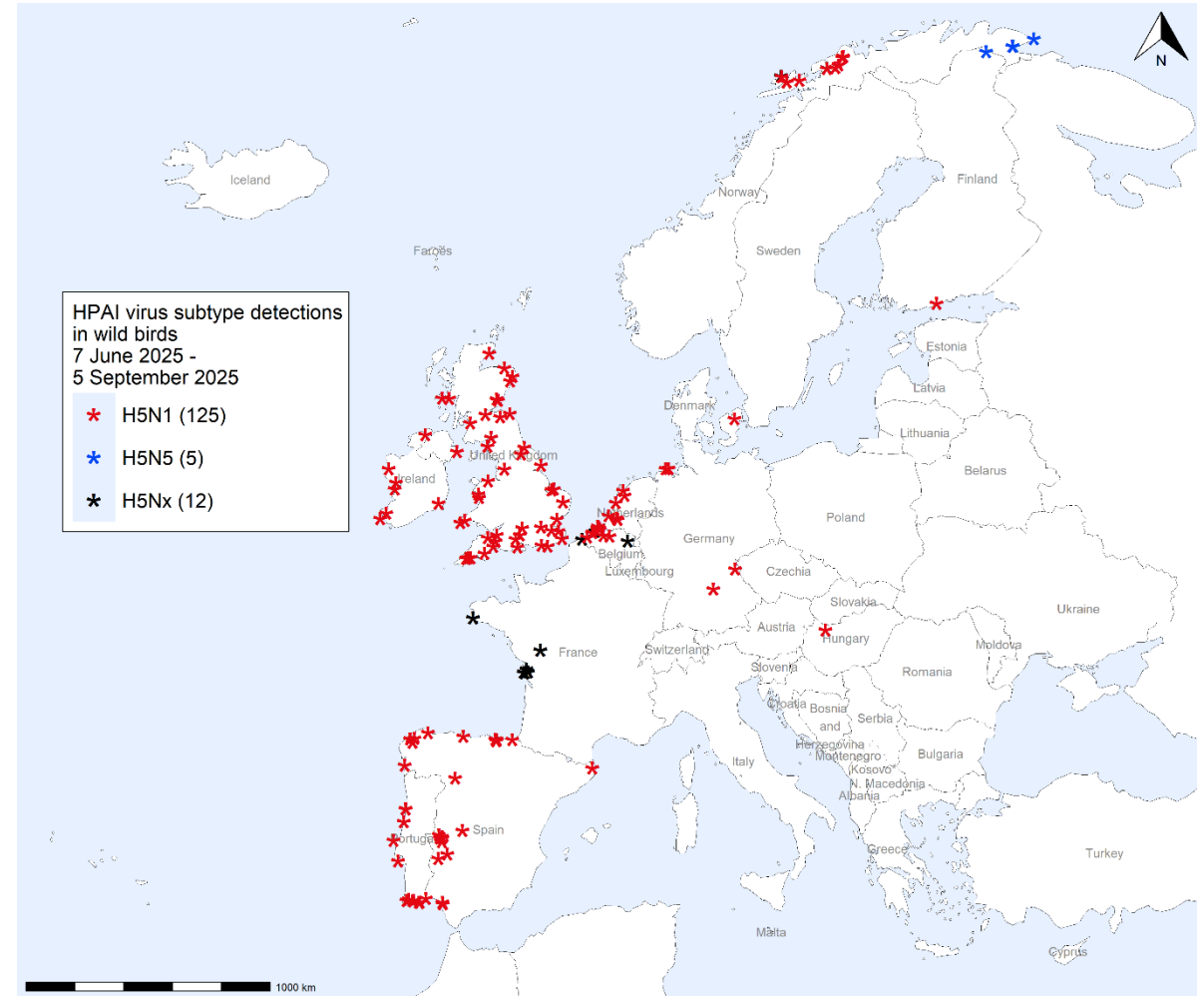
To join the AI Breakfast Seminar registry using the form at [EUSurvey - Survey](#)



# HPAI DOMESTIC AND WILD BIRDS (7JUNE/29AUGUST)

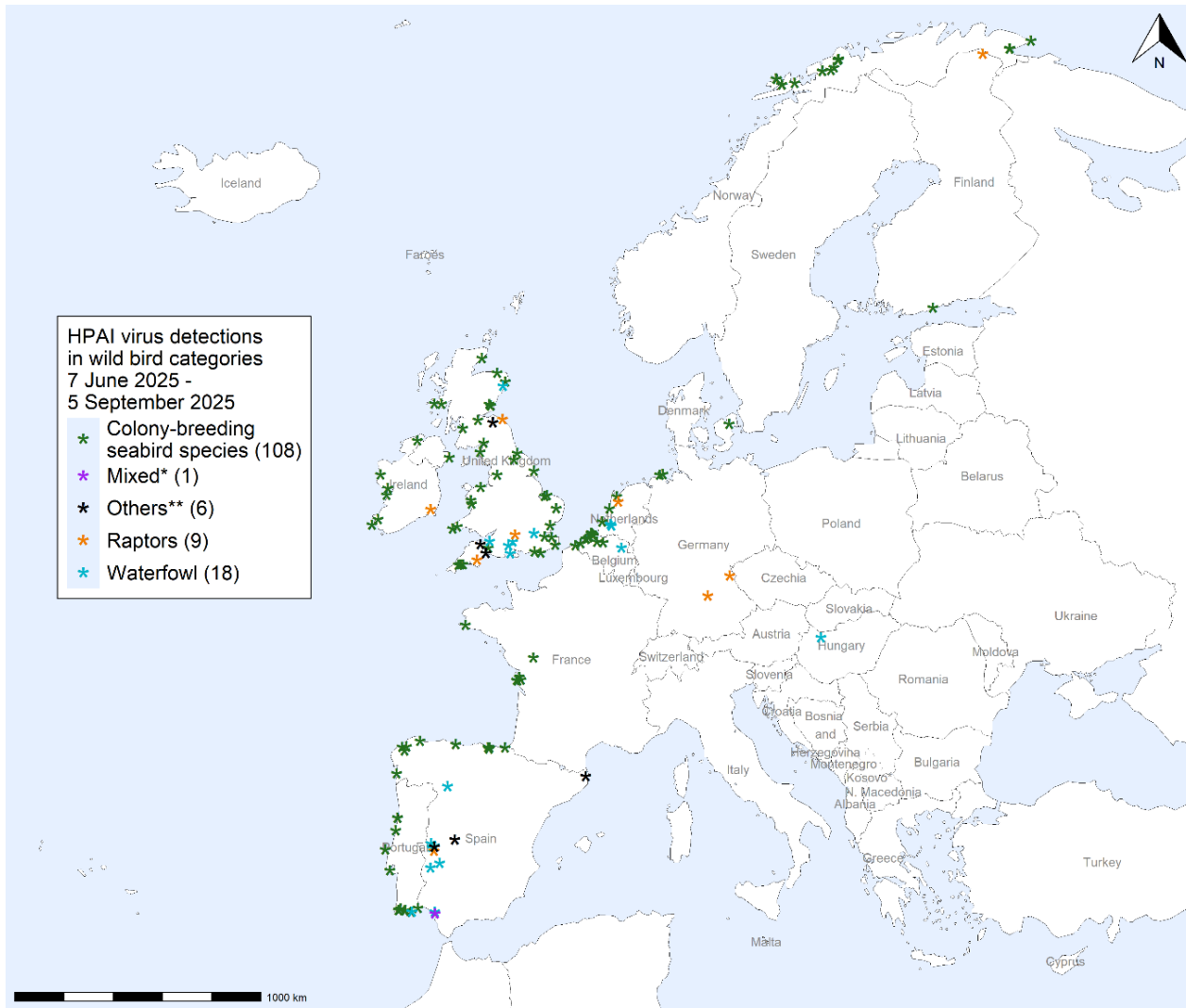


Author: EFSA  
Data sources: ADIS, WOAH  
Date updated: 02/09/2025



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# HPAI WILD BIRDS



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# HPAI MAMMALS (7 JUNE/15 AUGUST)



## EUROPE

No new HPAI virus detections

## WORLDWIDE

### USA

#### Dairy cows

- Only 5 new farms affected by H5N1 since the last reporting period (total: 1,078 farms in 17 states) → rate of new infections has gradually been slowing
- Extension of the USDA FSIS H5N1 Influenza A Dairy Cow Testing Program until 30 September → analysis of skeletal muscle samples collected from dairy cow carcasses

#### Domestic cats

- 2 new HPAI virus detections in New Jersey (H5) and Oregon (H5N1)

#### Wildlife

- HPAI virus detections in **black rat** (H5N1) and **round-tailed ground squirrel** (new species) in Arizona (H5), and in a **harbour seal** in Maine (H5)



# RISK OF INTRODUCTION OF H5N1 IN MAMMALS

1) From strains circulating in the US: Opinion on H5N1 in cattle in the US to be adopted in November

2) From EU circulating strains, or new strains entering the EU (other than from the US):

-**Surveillance data from USP** (annual surveillance report- Nov),

-**One Health surveillance carried out under HADEA grants** (annual surveillance report- Nov)

-**EFSA database on mammals' cases reported on a quarterly basis to EFSA** (monitoring report together with WOAH reported cases, literature reported cases and EIOS-Epidemic Intelligence from open sources)

-**Ad-hoc information gathering from AH Network on research activities**



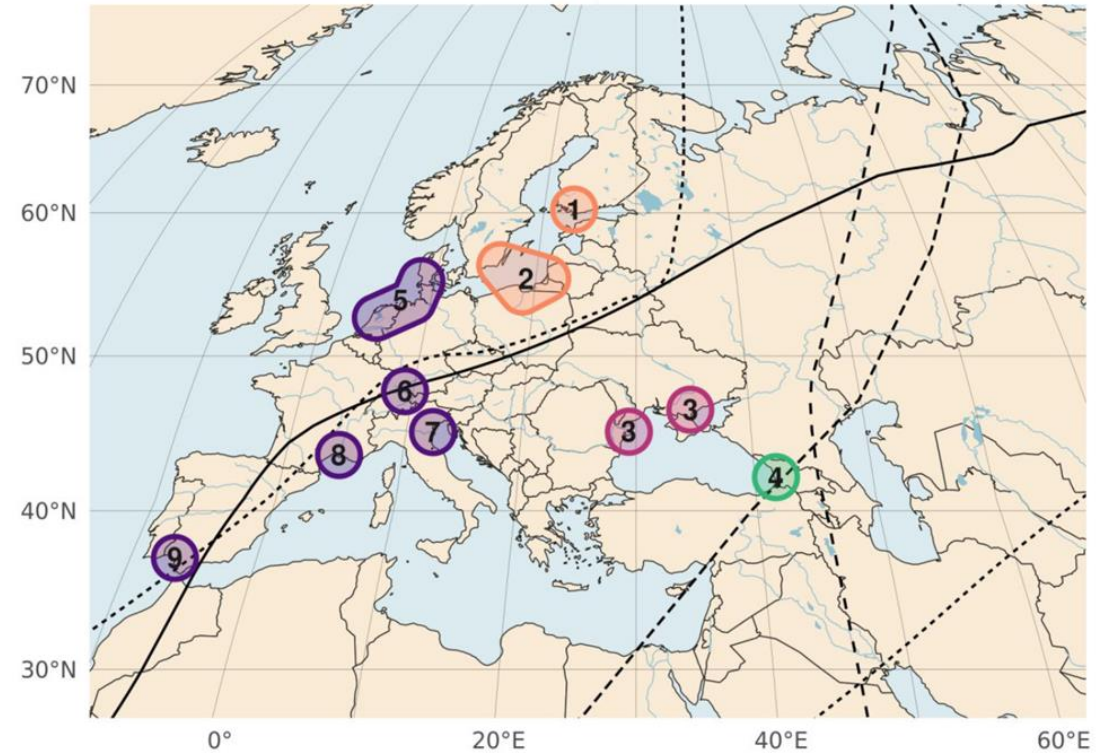
# SENTINEL YEARLY REPORT: 2024/2025



## Enhancing Avian Influenza preparedness in Europe

The European Food Safety Authority's (EFSA) Biological Hazards & Animal Health and Welfare (BIOHAW) Unit continuously collects data from European countries regarding detections of highly pathogenic avian influenza (HPAI) viruses in both domestic and wild birds, as well as in mammals. To enhance preparedness for HPAI in Europe, EFSA has initiated activities aimed at establishing early warning systems, expanding knowledge of circulating avian influenza viruses, and addressing current research gaps.

SENTINEL Wild Birds builds up on an EFSA call ("EUBA-EFSA-2023-BIOHAW-06: Establishing capacities for



- East Atlantic Flyway
- Black Sea/Mediterranean Flyway
- West Asian/East African Flyway
- Central Asian Flyway

- autumn
- autumn/winter
- winter
- autumn/winter/spring

<https://sentinelwildbirds.inu.se/>

[Yearly report 2024/2025](#)

# SENTINEL PROJECT: REAL TIME GENOMIC ANALYSIS

-14,037 samples and 11.8% prevalence for AI viruses

-24 samples were positive for HPAI virus

-Cases primarily in Italy (Sept/Oct and mid Nov) and Georgia (Sept)

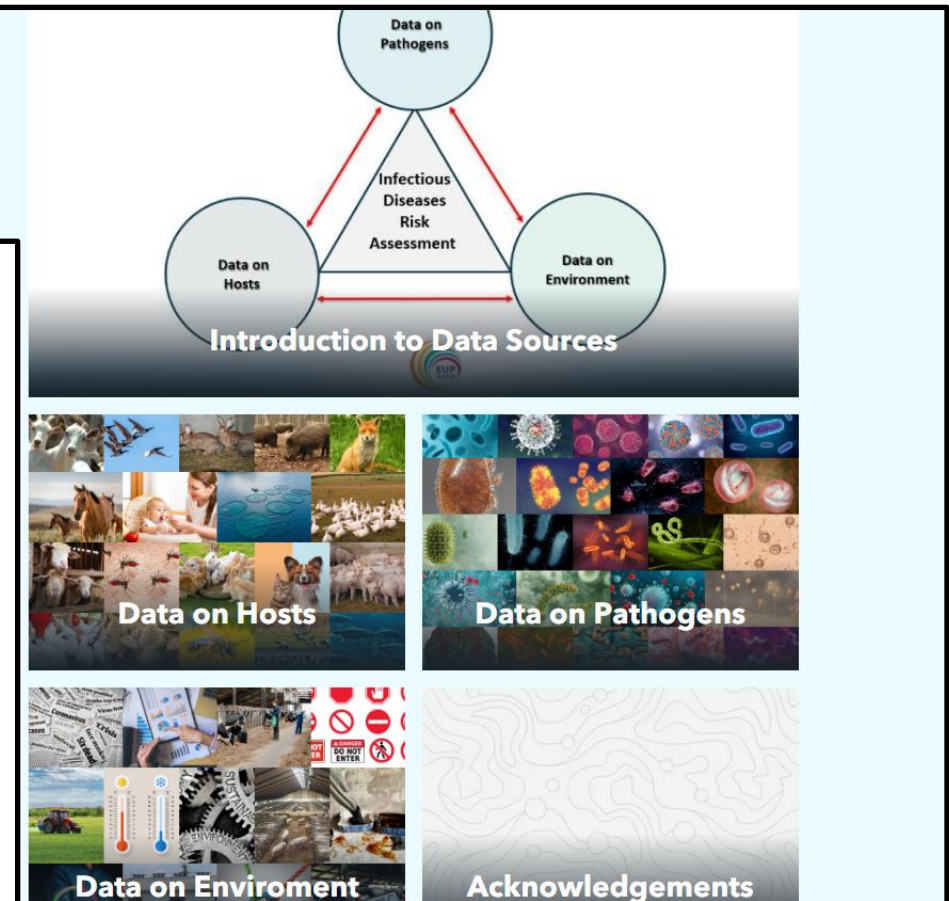
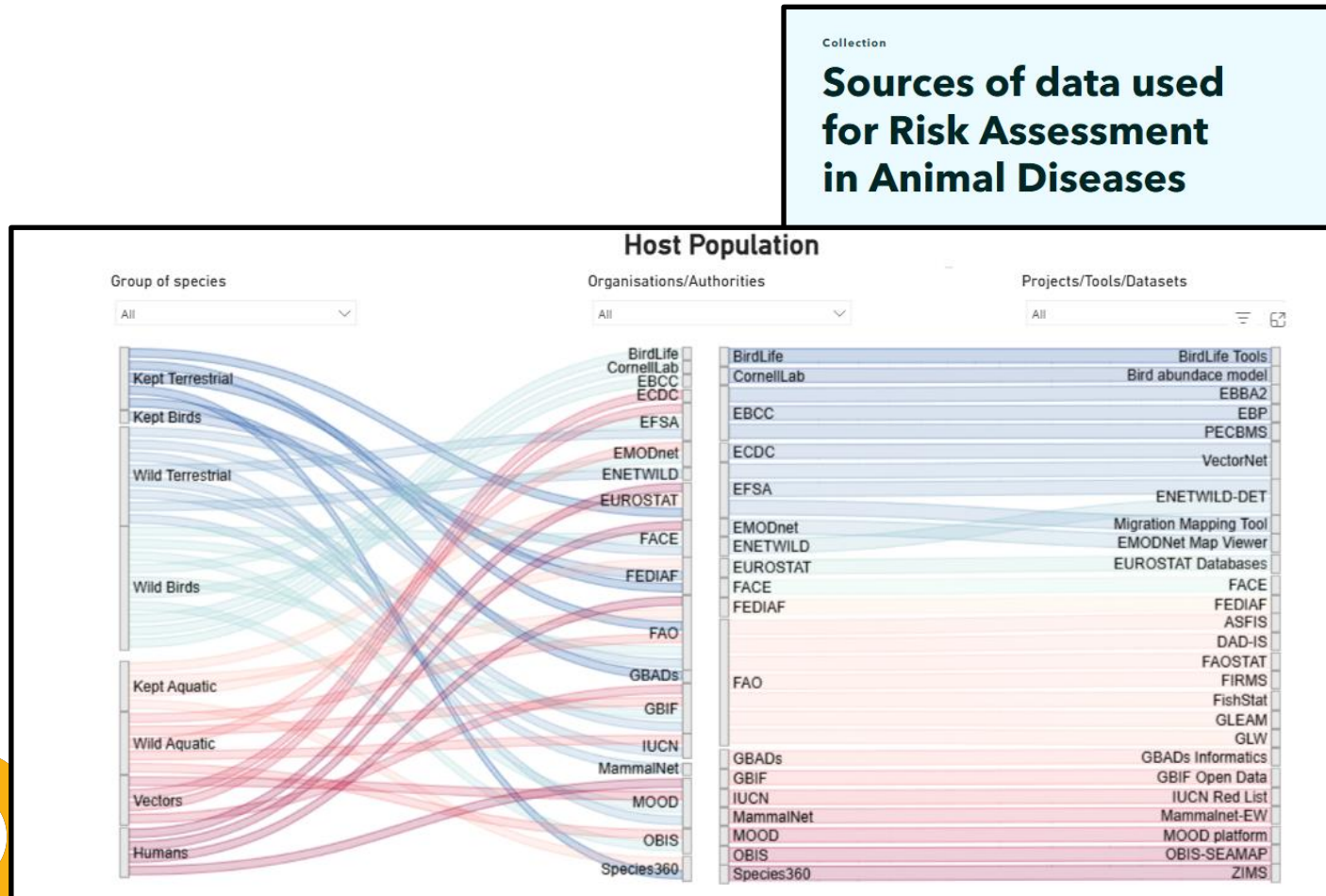
-A novel genotype detected in Eastern Black Sea (Node 4)

-Confluence of multiple migratory flyways (Mediterranean and Central Asia)



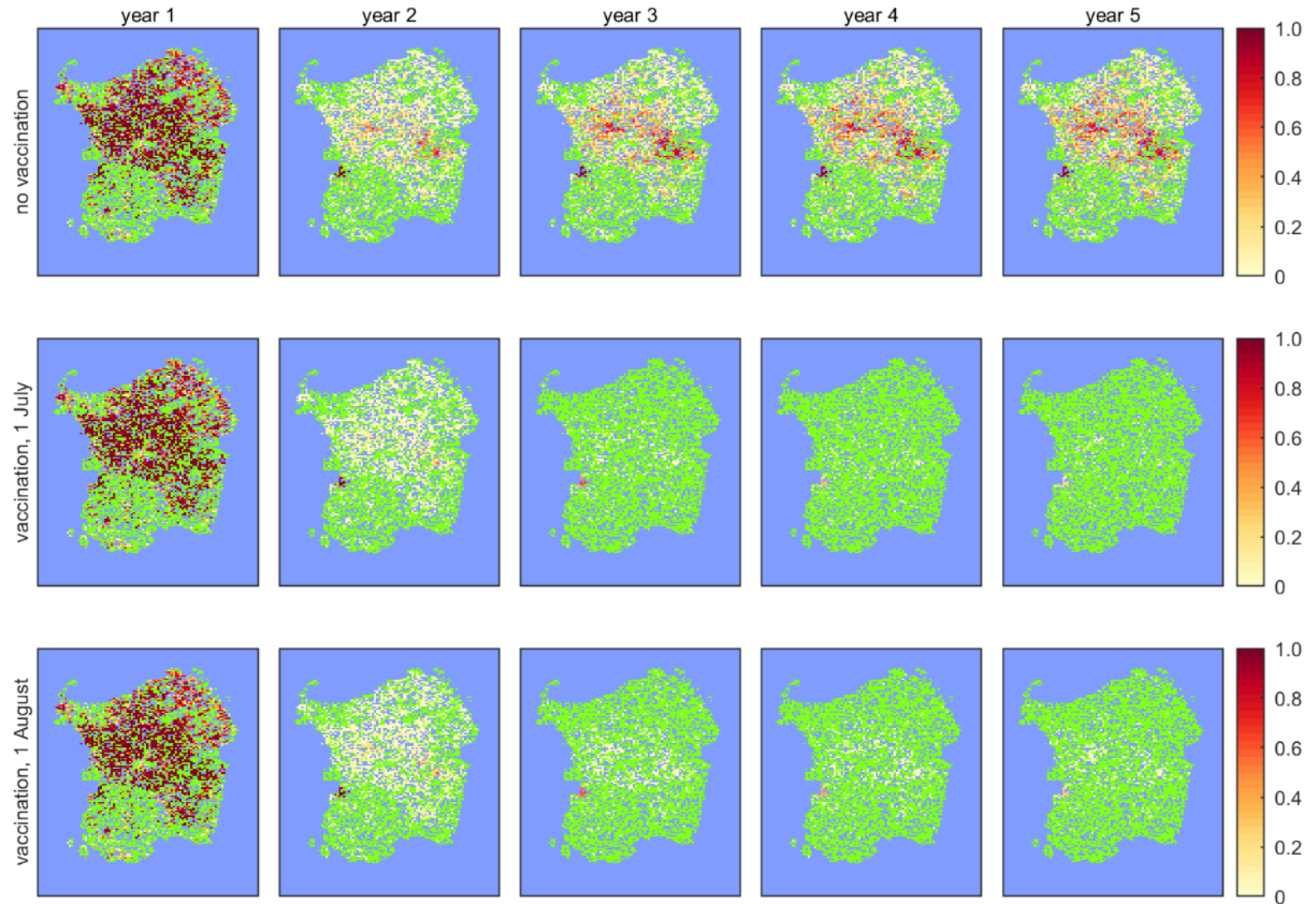
# HARMONISED DATA/READY TO BE USED IN RISK ASSESSMENTS

- EUPAHW interactive tool (2026)

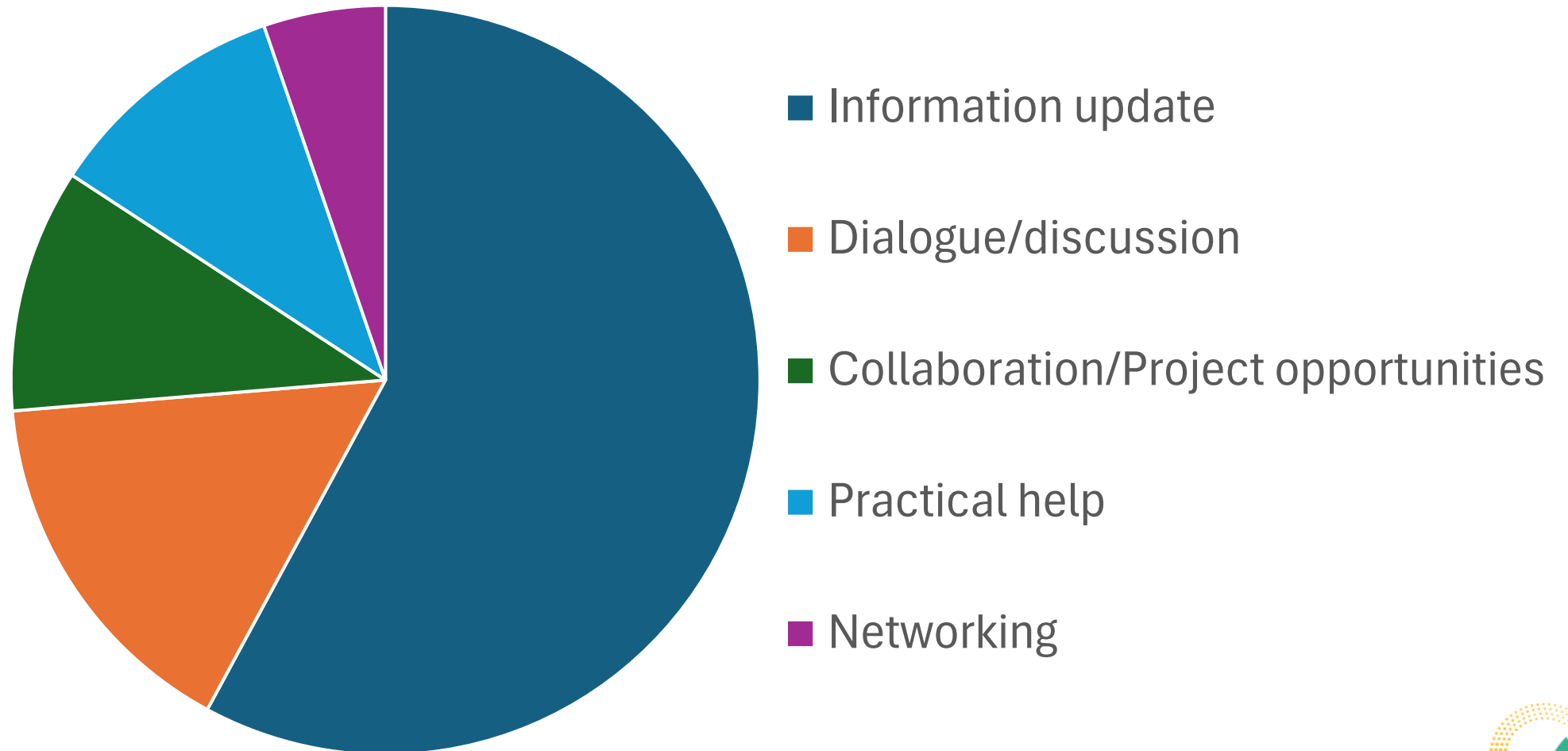


# LUMPY SKIN DISEASE SUPPORT

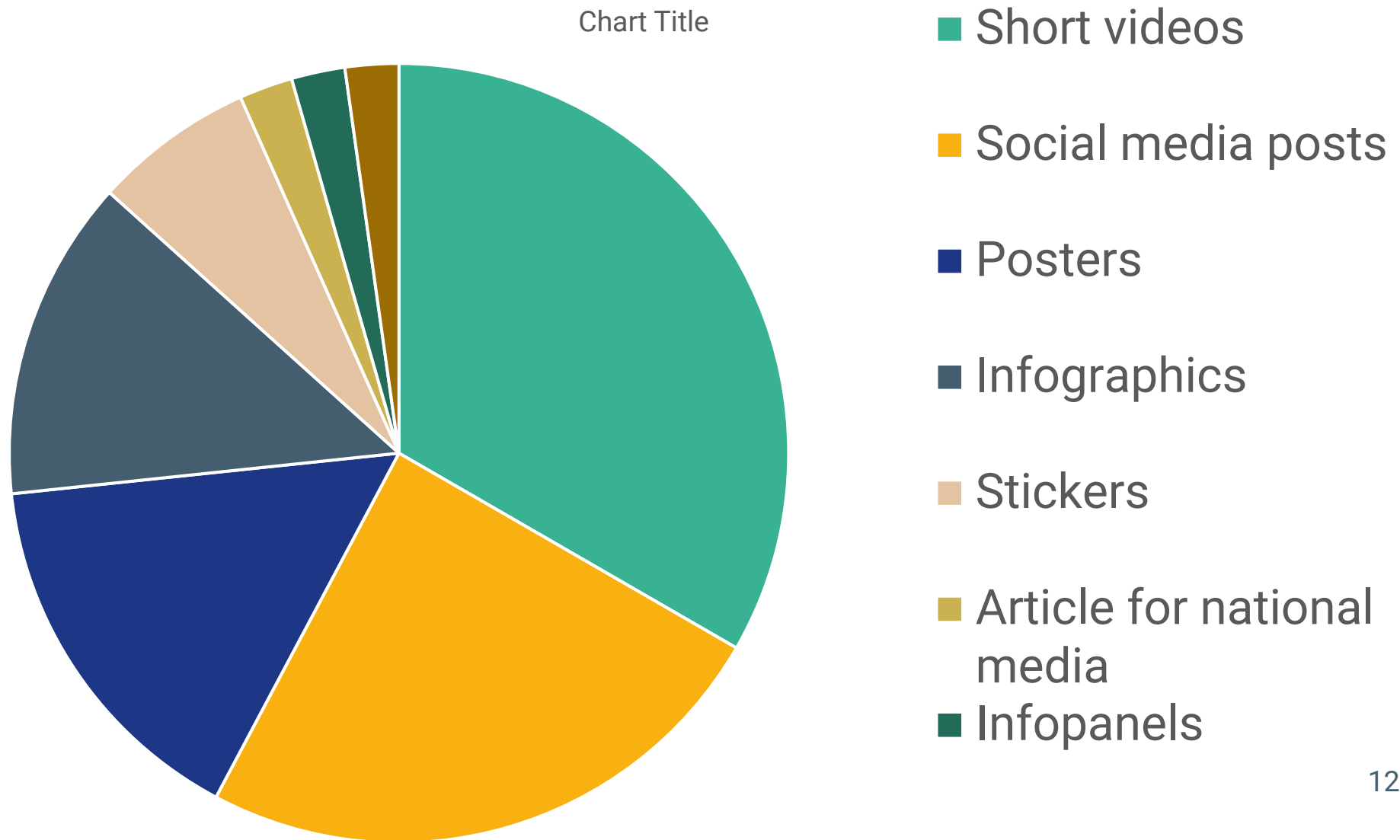
- **Faster and deeper advice** to support measures to be taken (surveillance, vaccination, etc)



# EXPECTATIONS FROM EFSA/CVO MEETINGS



# NEEDS FROM COMMUNICATION CAMPAIGN BIOSECURITY



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THANKS

**QUESTIONS?**

