



Update on the call: establishment of an active surveillance network in wild birds in Europe

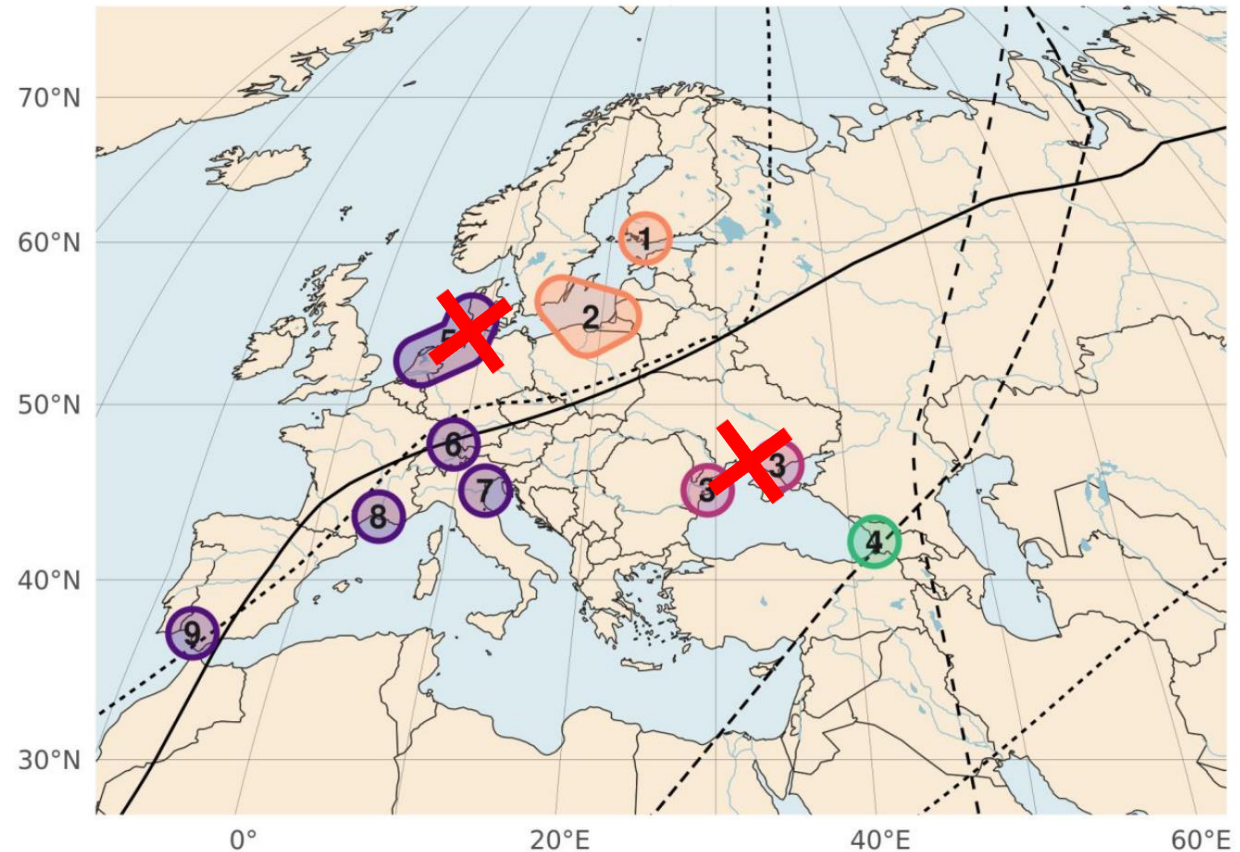
Lisa Kohnle

Scientific Officer

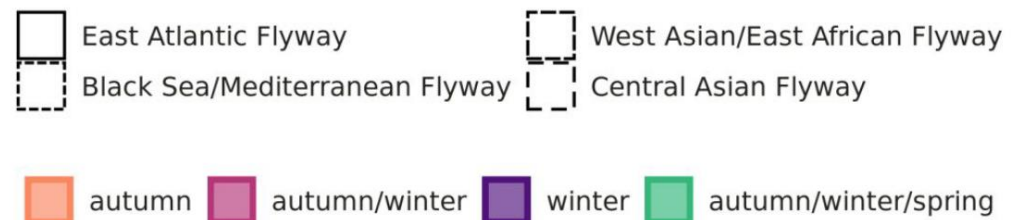
EFSA

BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

- Establishment of a coordinated **network of surveillance nodes** across Europe
- Building **capacities** and **long-term partnerships** for active surveillance of HPAI in wild birds in those locations
- Increasing the **pool of genomic sequences**
- **Preparedness** and **early warning**

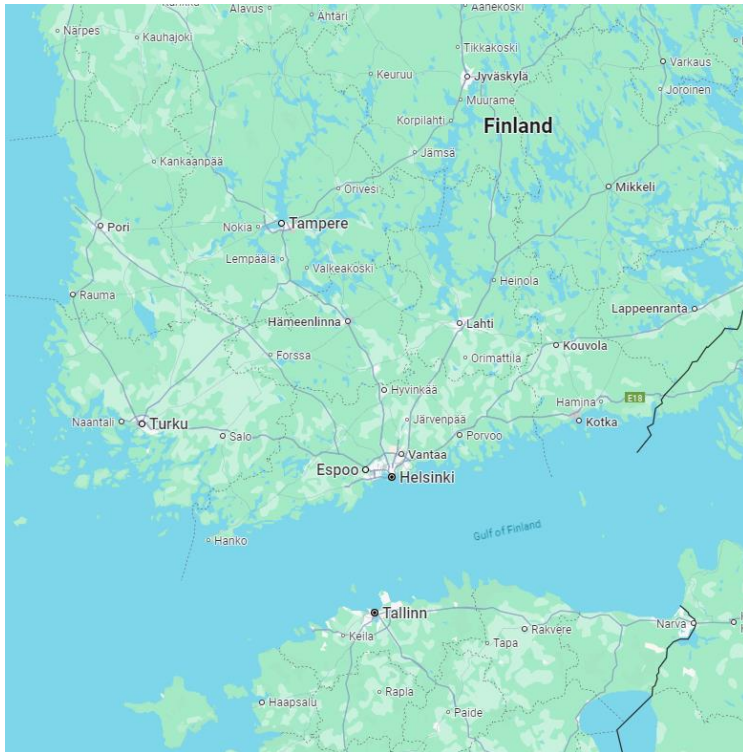


- **9 → 7 surveillance nodes** (geographic locations to be covered)



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 1: Gulf of Finland



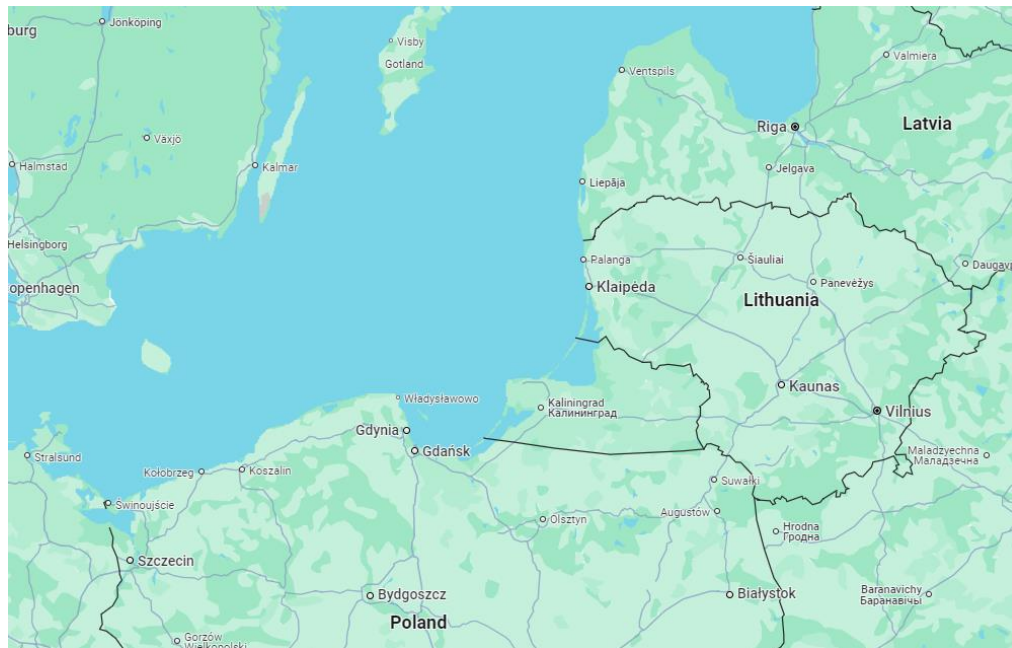
- **Finland + Estonia**
- Mostly waterfowl (but also some gulls and raptors) sampled during **ringing activities** and **trapped alive, hunted birds**
- Synergies: Union surveillance programme, Kappa-Flu (Horizon Europe), OH4 Surveillance (EU4Health)

Ruokavirasto/Finnish Food Authority (Finland) + LABRIS/National Centre for Laboratory Research and Risk Assessment (Estonia) + Linnaeus University (Sweden)



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 2: Southern Baltic Sea



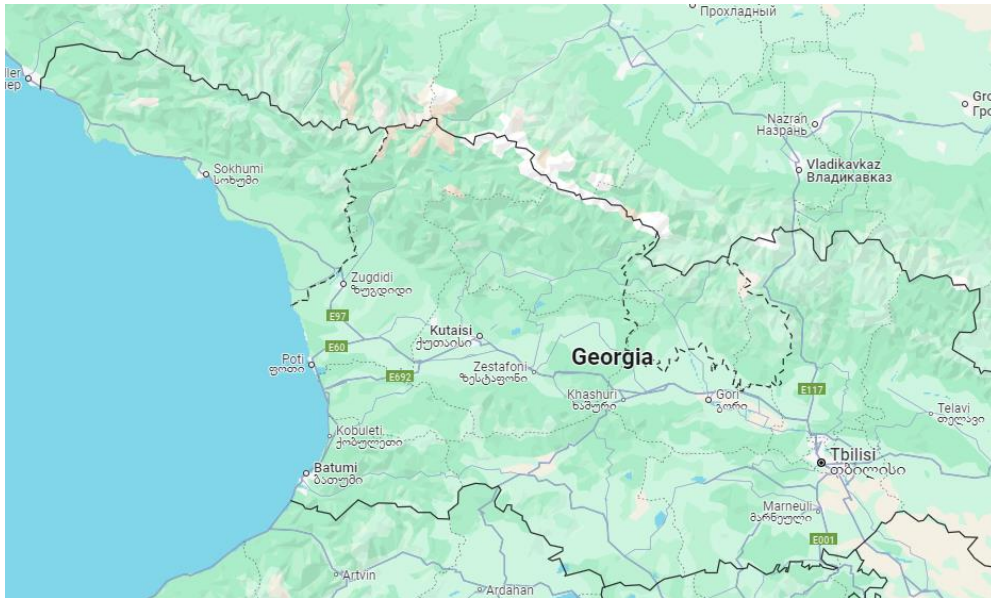
- Sweden + Latvia + Lithuania + Poland
- Mostly waterfowl, shorebirds, gulls and terns sampled during **ringing activities** and **trapped alive, hunted birds**, birds from **rehabilitation and wildlife rescue centres**
- Synergies: Union surveillance programme, Kappa-Flu (Horizon Europe), OH4 Surveillance (EU4Health)

SVA/National Veterinary Institute (Sweden) + Linnaeus University (Sweden) + BIOR/Institute of Food Safety, Animal Health and Environment (Latvia) + NMVRVI/National Food and Veterinary Risk Assessment Institute (Lithuania) + VMVT/State Food and Veterinary Service (Lithuania) + PIWet-PIB/National Veterinary Research Institute (Poland)



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 4: Eastern Black Sea



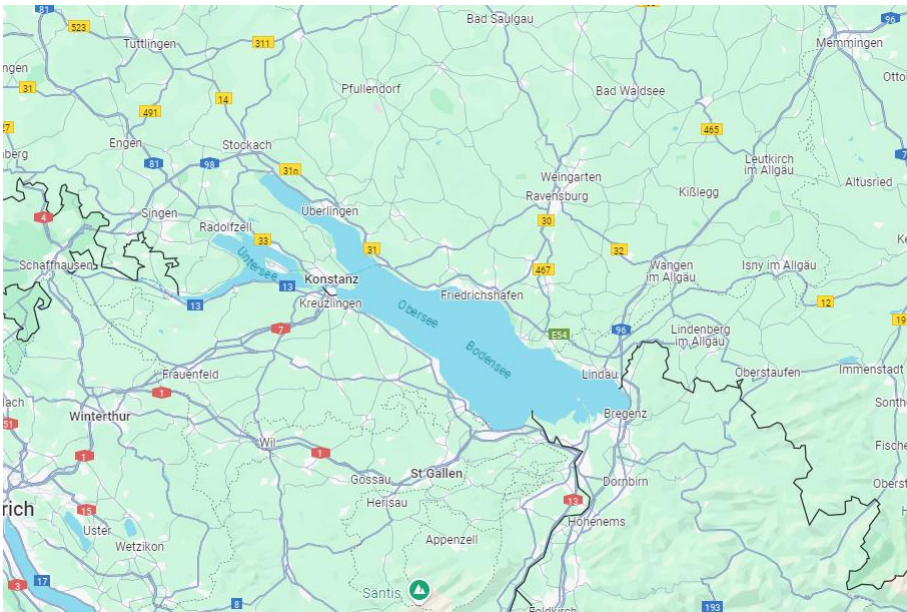
- Georgia
- Waterfowl and gulls **trapped alive**
- Several different live traps in use
- Synergies: Kappa-Flu (Horizon Europe), collaborative project in the pipeline between Sweden/Moldova/Georgia/Ukraine

Linnaeus University (Sweden) + Ilia State University (Georgia)



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 6: Lake Constance region



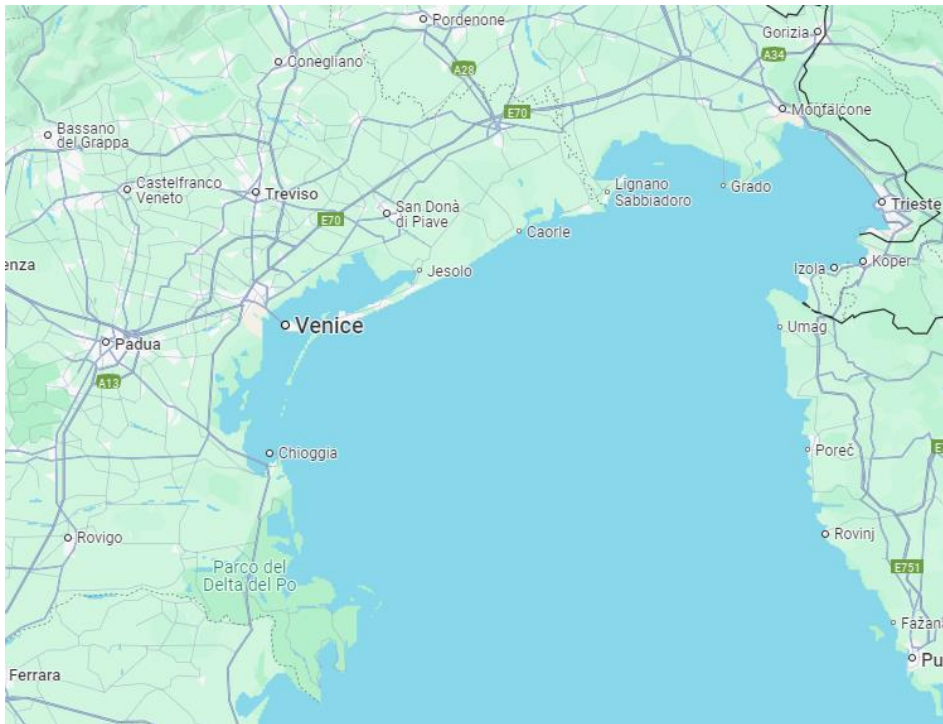
- **Austria + Germany + Switzerland**
- Mostly waterfowl and some gulls/terns **trapped alive**, during **ringing activities**, **hunted** and as **by-catch** from commercial fishing nets
- **Environmental sampling** (including Quagga mussels)
- Synergies: Union surveillance programme, United4Surveillance (EU4Health), other national and international research projects

AGES/Austrian Agency for Health and Food Safety (Austria) + FLI (Germany) + Institut für Virologie und Immunologie, Bundesamt für Lebensmittelsicherheit und Veterinärwesen (Switzerland) + Nationales Referenzzentrum für Geflügel- und Kaninchenkrankheiten (Switzerland) + Max Planck Institute of Animal Behavior (Germany) + Amt der Vorarlberger Landesregierung (Austria) + Naturschutzverein Reheindelta (Austria)



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 7: Veneto region



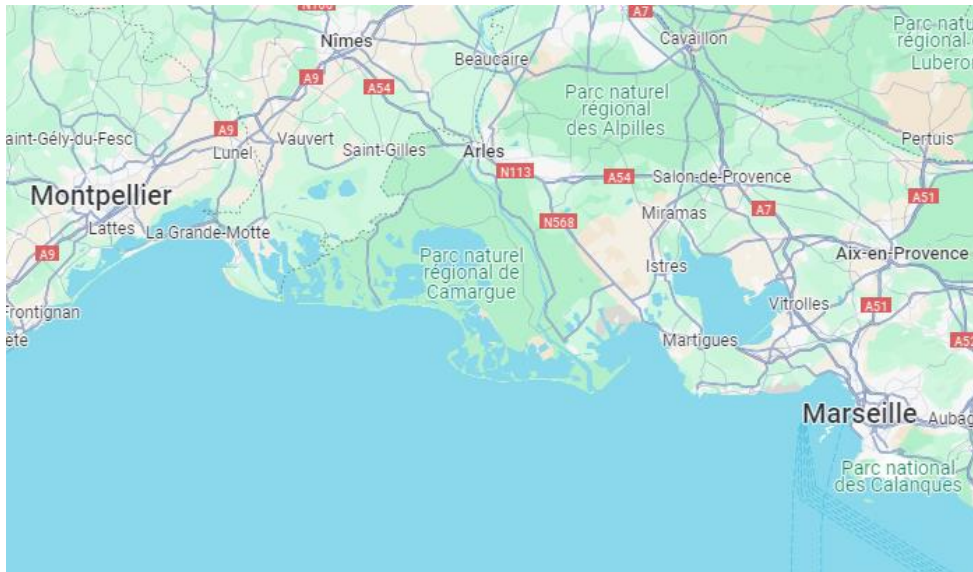
- Italy
- Mostly waterfowl and some gulls **trapped alive** and **hunted**
- Synergies: Union surveillance programme, Kappa-Flu (Horizon Europe), EcoSurv (EU4Health), other national and international research projects

IZSve/Istituto Zooprofilattico Sperimentale delle Venezie + Ispra/Italian Institute for Environmental Protection and Research



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 8: Camargue region



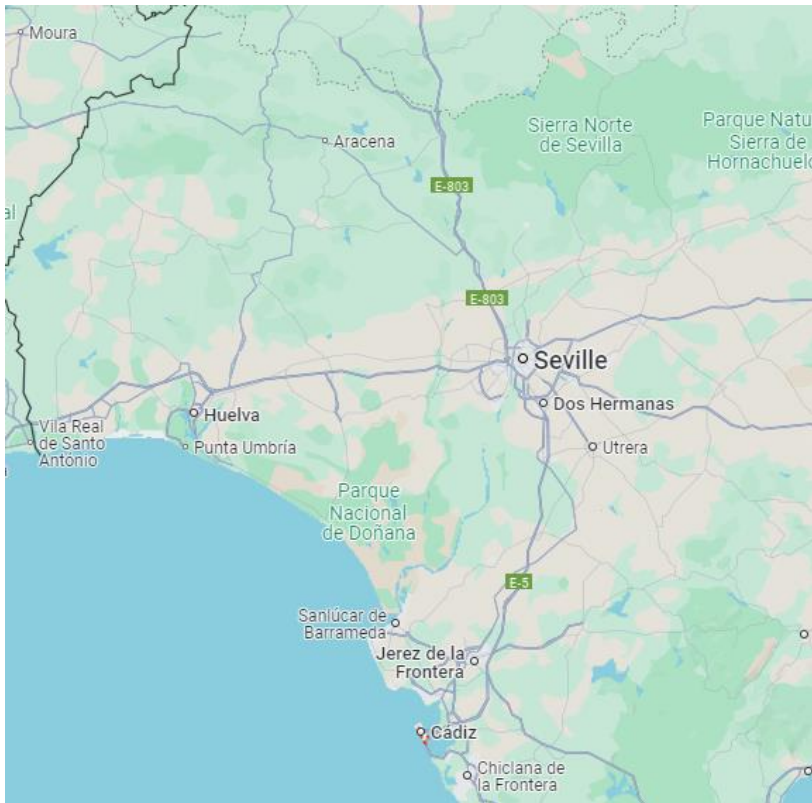
- France
- Waterfowl **trapped alive** and **hunted**, **live decoy ducks**, terns during **ringing activities**
- **Environmental sampling** in breeding colonies of gulls and terns
- Synergies: Union surveillance programme, other national and international research projects

ANSES/French Agency for Food, Environmental and Occupational Health & Safety + ENVT (National Veterinary School of Toulouse) + INRAE (French National research institute for agriculture, food and environment) + Conservatoire d'espaces naturels d'Occitanie (CEN) + Office français de la biodiversité (OFB) + Laboratoire départemental d'analyse du Gard + Fondation Tour du Valat



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Lot 9: Gulf of Cadiz



- Spain
- Waterfowl and gulls **trapped alive** and **hunted**
- **Environmental sampling** of faeces
- Synergies: Union surveillance programme, ENETWILD (EFSA)

CSIC (Spanish National Research Council) – represented by many different subunits



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS



Kick-off meeting in Kalmar (Sweden),
27-28 June 2024



BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

- Data collection in almost real time
- Harmonisation
- Alignment with the EFSA's SIGMA approach
 - One Health surveillance data model

Technical Report



APPROVED: 11 June 2024
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Reporting guidance for the One Health surveillance data collection

European Food Safety Authority (EFSA),
Alexandra Papanikolaou, Andrea Gervelmeyer, Ancuta Cezara Simon, Lina Mur, Valentina Bocca

Abstract

This technical report aims at guiding the data reporting to EFSA of analytical test results and the related metadata generated in the context of the One Health surveillance activities carried out by Member States under their direct grant agreements. The objective is to explain in detail the individual data elements that are included in the EFSA Standard Sample Description version 2 (SSD2) data model. The guidance is intended to support the reporting countries in data transmission using eXtensible Markup Language (XML) data file transfer through the Data Collection Framework (DCF) according to the protocol described in the EFSA Guidance on Data Exchange version 2 (GDE2). The data elements are explained, including information about data type, list of allowed terms and associated business rules. Instructions about how to report common sampling schemes are also provided to ensure harmonised reporting among countries.

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Keywords: One Health, livestock, wildlife, vectors, environment, surveillance, data collection, data model

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Question number: EFSA-Q-2024-00137

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BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS



Field visits and training

BUILDING CAPACITIES FOR ACTIVE SURVEILLANCE IN WILD BIRDS

Enhancing Avian Influenza preparedness in Europe

The European Food Safety Authority's (EFSA) BIOHAW Unit is leading an initiative to strengthen Europe's preparedness against highly pathogenic avian influenza (HPAI). By establishing a network of surveillance nodes across key regions, the project aims to improve early detection of avian influenza viruses in wild birds, expand knowledge of virus circulation, and address critical research gaps.

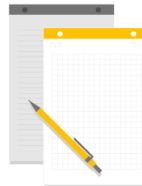
This collaborative effort involves long-term partnerships, advanced scientific methods such as bird sampling and laboratory analysis, and a focus on understanding the genetic diversity of avian influenza across Europe. Key surveillance areas include the Gulf of Finland, Southern Baltic Sea, and the Eastern Black Sea coast.



About the project



Monthly summary



FAQ

Name


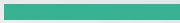
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for your attention!**

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