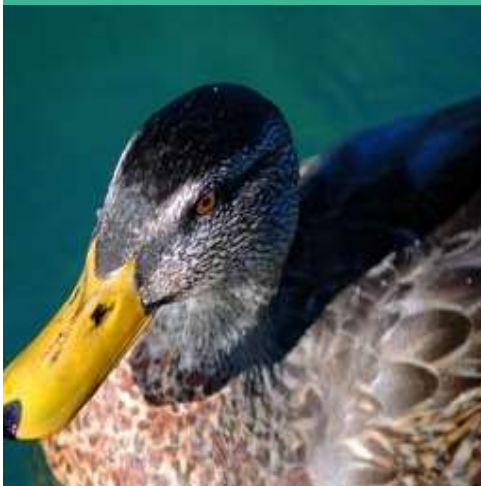


**MINISTÈRE
DE L'AGRICULTURE
ET DE L'ALIMENTATION**

*Liberté
Égalité
Fraternité*

Highly pathogenic avian influenza (HPAI) situation in France

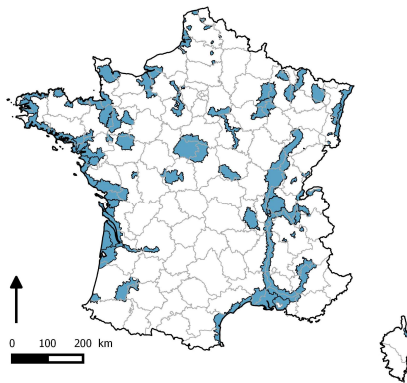


SCoPAFF

14-15 December 2020

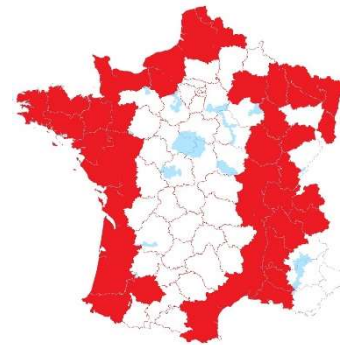
Context

The Netherlands notified cases of HPAI H5N8 in wild avifauna on 21th November 2020



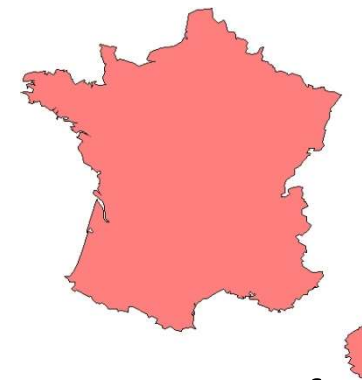
Decree of
October 23, 2020
Moderate level
risk of HPAI

Presence of a strong dynamic of infection by HPAI H5 viruses in wild avifauna: Numerous confirmations reported in Germany, Netherlands, UK, Ireland and Denmark



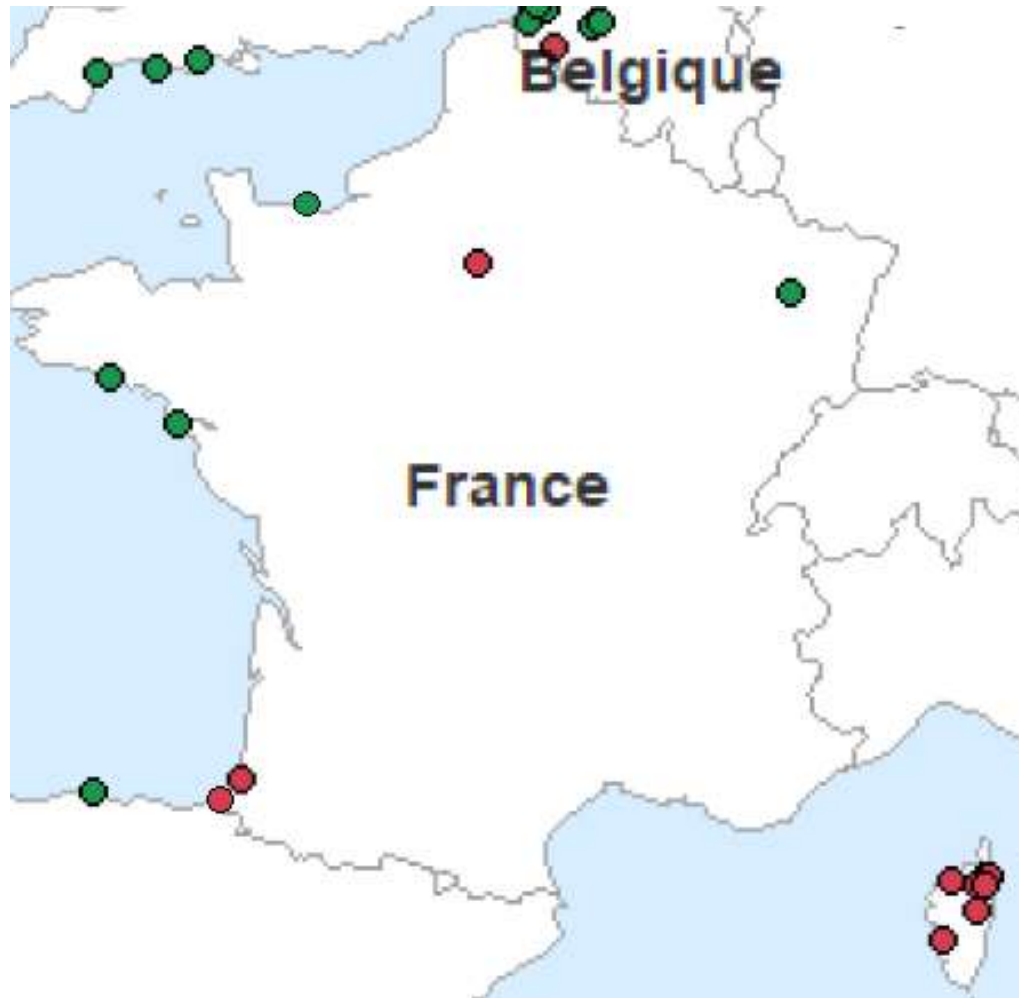
Decree of
November 4, 2020
High level risk of HPAI
in 54 departments

The 16th November 2020, the first outbreak of HPAI of type H5 was confirmed on French territory



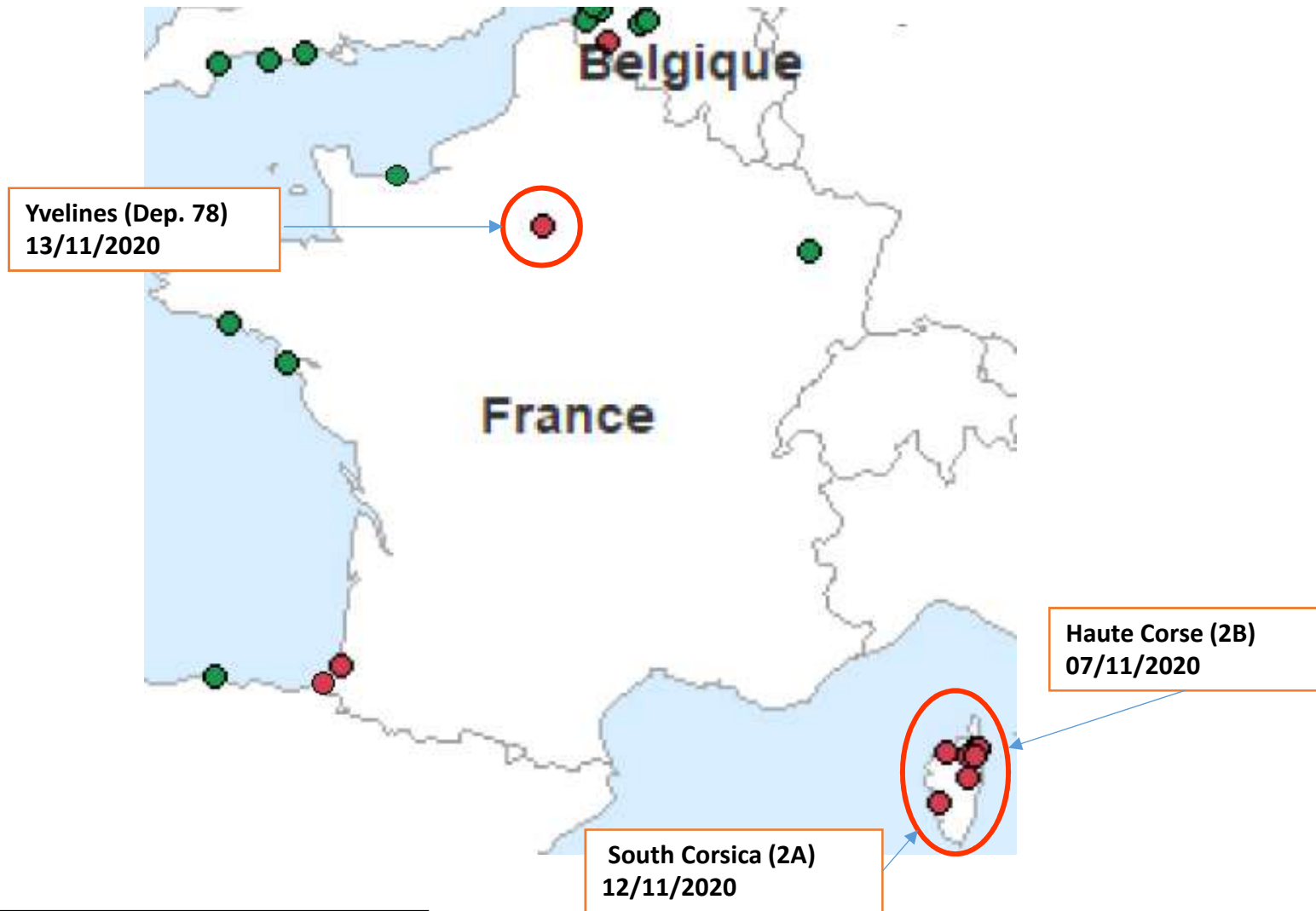
Decree of
November 17, 2020
High level risk of HPAI
in the entire
metropolitan area

OUTBREAKS IN FRANCE



09/12/2020

PET SHOP OUTBREAKS



PET SHOP OUTBREAKS

The 16th November 2020, **the first outbreak of HPAI** of type H5 was confirmed on French territory in a garden center with a pet shop, where poultry and other captive birds were kept, in the department of Haute-Corse. Several outbreaks were found in the following days. Immediately the measures required pursuant to Directive 2005/94/EC were taken.

Measures in the outbreaks:

- Protective measures
 - Census of all sensible animals
 - Biosecurity
 - Prohibition of exit of birds, animal products and by-products
- Outbreak sanitation
 - Killing of all susceptible animals
 - Destruction of the products
 - Decontamination
- Epidemiological inquiry
 - Investigation in contact holdings

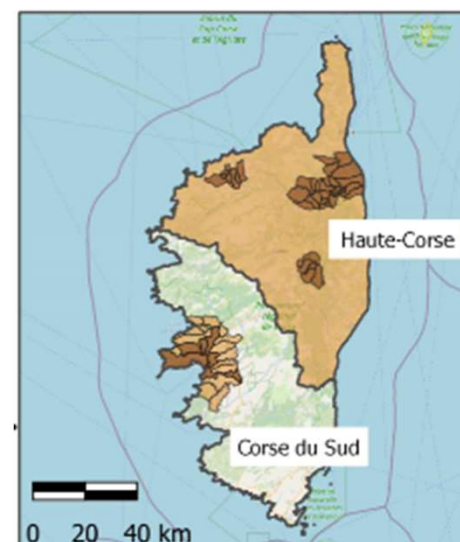
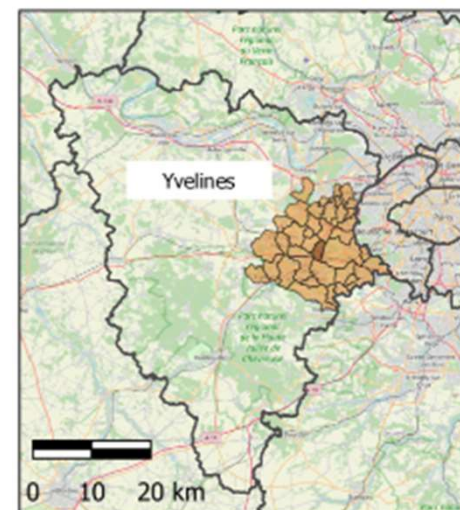
PET SHOP OUTBREAKS

Measures in the Zoning decree

(Protection and Surveillance zones)

- Declaration of all bird keepers
- Declaration of all suggestive clinical signs
- Veterinary visits in all the holdings
- Biosecurity
- Cleaning and disinfection of vehicles and at the entrance of the buildings
- Prohibition of movements or transport *
 - poultry
 - meat in PZ*
 - eggs from the holdings*
- Manure spreading
- Release of feathered game prohibited
- Bird gatherings prohibited

* Derogations foreseen



PET SHOP OUTBREAKS

Measures linked to pet shop outbreaks

- **Animals** bought in a holding declared infected by HPAI
 - Preventive killing of all susceptible animals at client's household
 - Census and origin of present birds
 - Collection of sanitary events
 - Risk assessment of virus spread
- Management of pet shops and holdings with **downstream direct or indirect contact with the outbreaks**
 - Prefectoral Surveillance decree at least for 21 days after the contact
 - Clinical visit and biosecurity check
 - Virological sampling
 - Measures left after a favourable laboratory result

PET SHOP OUTBREAK

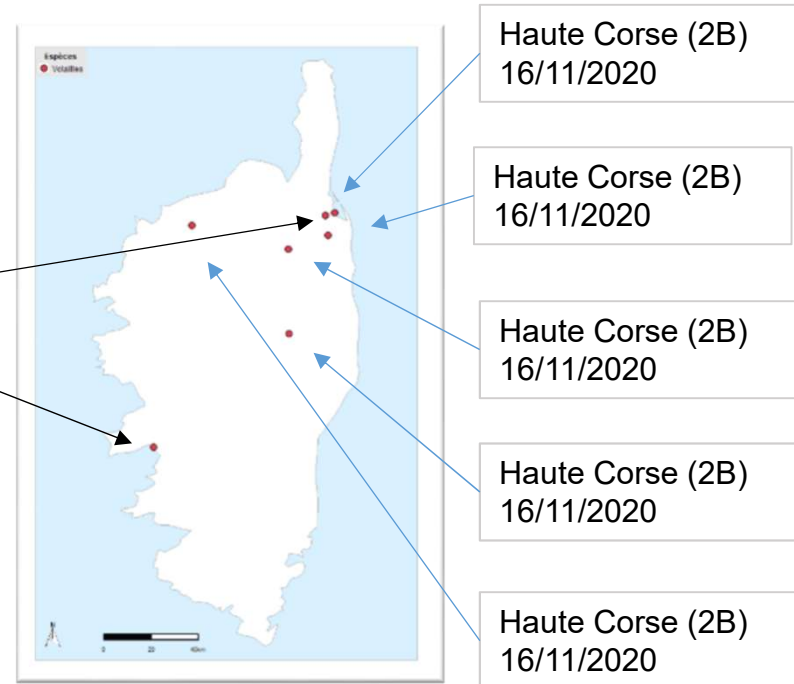
RESULTS

Outbreaks H5N8 clade 2.3.4.4b:

- In Corsica : 2 Primary outbreaks (07/11/2020 2B - 12/11/2020 2A)
5 secondary outbreaks (16/11/2020 2B)

- In the Yvelines : 1 Primary outbreak

Birds were sold by a trader located in the department “North” and transported in the same vehicle



Traces of IA have been found in samples from surfaces of an holding having supplied poultry to this trader

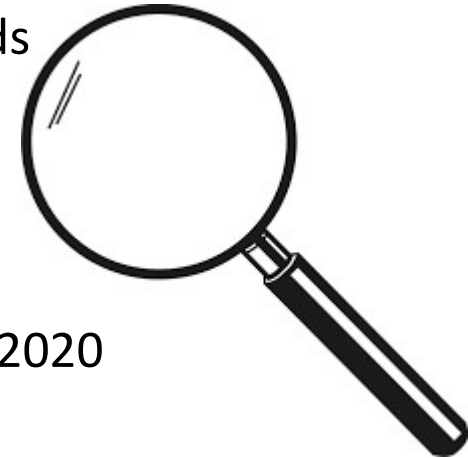
Negative results in 21 linked epidemiological holdings

Closing date 23/11/2020

PET SHOP

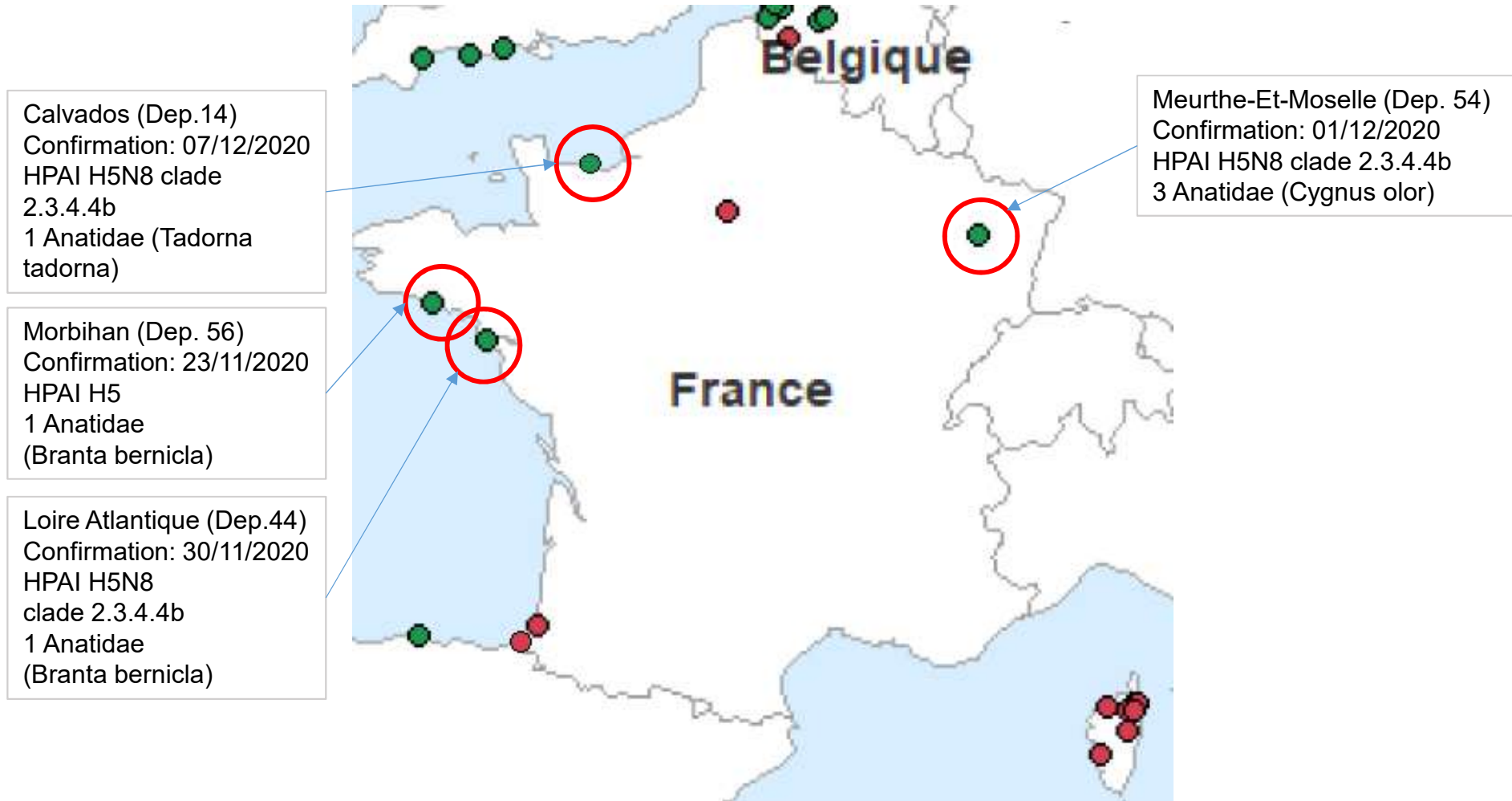
REINFORCED SURVEILLANCE MEASURES

Inspection of pet shops selling poultry and other captive birds



- Priority for holdings:
 - selling poultry
 - placed in Specific Risk Zones
- At least 50% of pet shops before the 15 December 2020
- All before 31 January 2021.
- Obligations:
 - Mandatory register of holdings
 - poultry (CPRM art. L234-1)
 - other captive birds (CPRM art. L214-6)
 - Keep the farm register up to date (poultry)
 - Declaration to the CA of abnormal mortality or any other sign suggestive of a notifiable disease
 - Respect of biosecurity measures (Decree February 8, 2016)

CASES IN WILD BIRDS



CASES IN WILD BIRDS

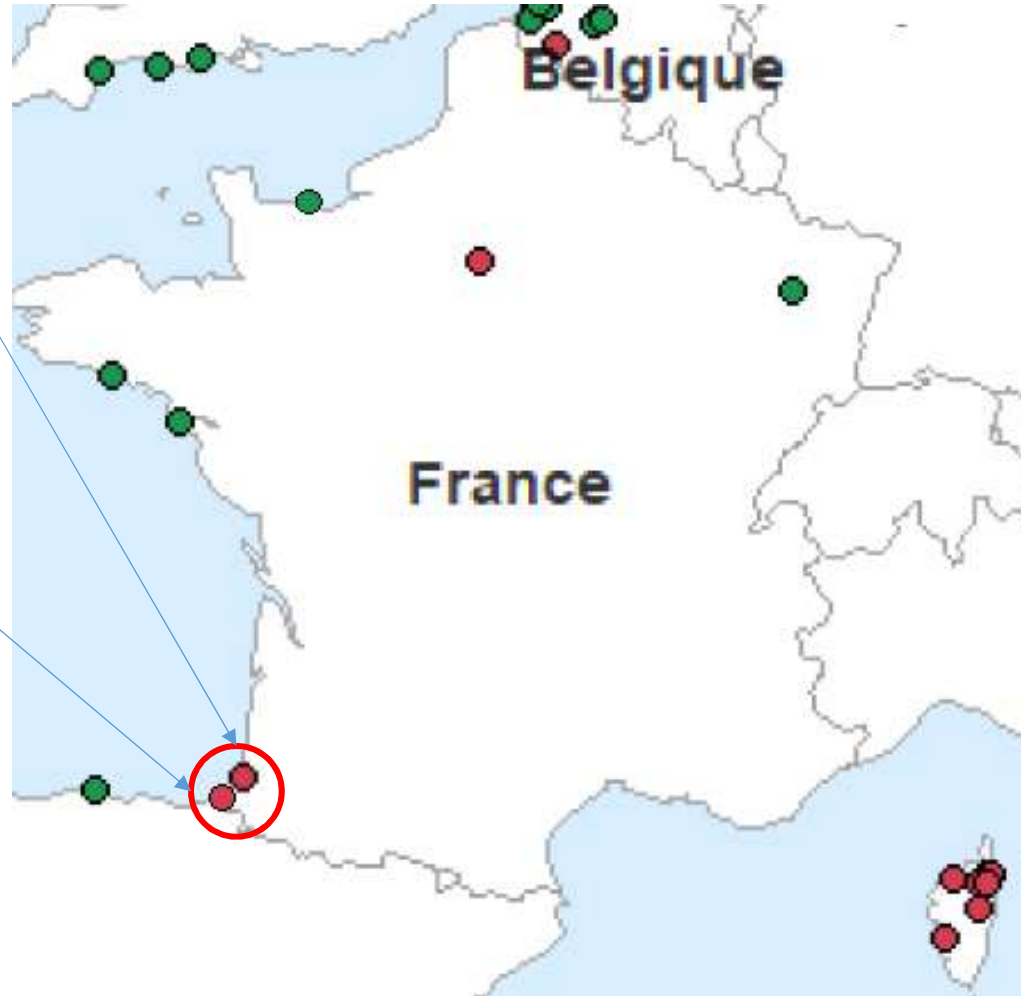
Establishment of a temporary restricted zone « wildlife »:

- Poultry and other captive birds' confinement
- Biosecurity
- Clinical signs
- Movement ban
 - Poultry and other captive birds
 - Eggs (except if authorised)
- Cleaning and disinfection of vehicles under the responsibility of the concerned holding manager
- Prohibition of bird gatherings (fairs, markets et exhibitions)
- Prohibition of transport and spreading in the zone of manure from poultry or feathered game
- Prohibition of release of feathered game (including galliforms)



Wild birds surveillance has been strengthened (SAGIR)

POULTRY OUTBREAKS



Landes (Dep. 40)
Palmipeds breeding
Confirmation:
07/12/2020
HPAI H5N8 clade
2.3.4.4b

Landes (Dep. 40)
Palmipeds breeding
Confirmation:
06/12/2020
HPAI H5N8 clade
2.3.4.4b

POULTRY OUTBREAKS

Primary outbreak

BENESSE-MAREMNE (Landes, Dep. 40)
Palmipeds breeding (Duck for foie gras production)

Date of confirmation: 06/12/2020
HPAI H5N8 clade 2.3.4.4b

Number of animals that have died of the disease on holding : 400
Number of animals killed on holding : 5600 (06/12/2020)

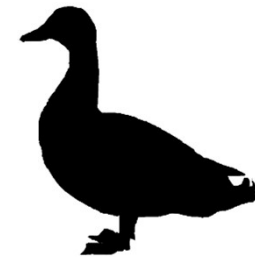


POULTRY OUTBREAKS

Measures linked to the outbreak in a ducks breeding farm

Measures in the holding:

- Protective measures
 - Census
 - Biosecurity
 - Prohibition of exit of birds, products or by-products
- Outbreak sanitation
 - Killing of all susceptible animals and destruction of their products without delay (6000 PAG ducks first outbreak)
 - Decontamination
- Epidemiological inquiry
 - Investigation in all contact holdings
→ **Secondary outbreak**



Ducks breeding farm

Date of confirmation: 07/12/2020

H5N8 clade 2.3.4.4b

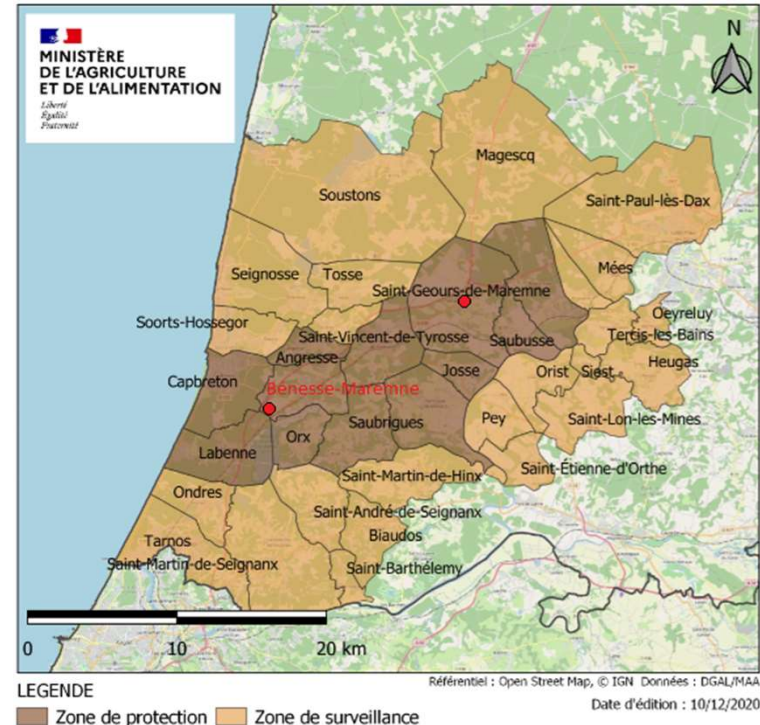
Number of animals that have died of the disease on holding : 0 (No clinical signs)

Number of animals killed on holding : 12043

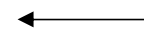
POULTRY OUTBREAKS

Zoning: Protection and Surveillance zones

- Census
- Surveillance
 - Passive
 - Active
- Biosecurity
- Virological sampling in PZ:
 - Duck farms,
 - High risk backyards (close to an outbreak)
- Movements
 - Poultry and other captive birds
 - Meat and eggs
 - Vehicles and persons
 - Bird gatherings
 - By-products



**Highly restrictive
measures for at
least 8 days**

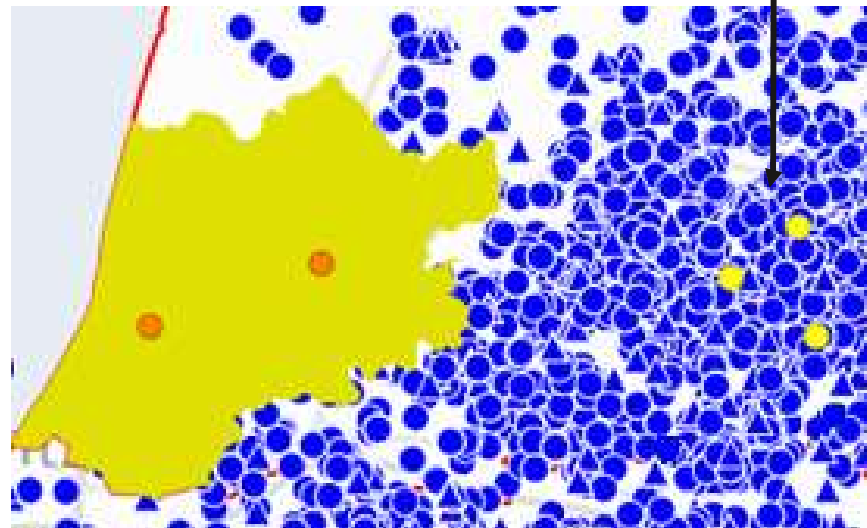


POULTRY OUTBREAKS

Holdings in epidemiological link

- Killing of all animals of three force-feeding holdings epidemiological link (10/12/2020)

- Duck farm outbreak
- Poultry holdings
- Force-feeding holdings
- Protection and Surveillance zones



CONCLUSION

- Two main migratory corridors cut across the French territory.
- Presence of a strong dynamic of infection by HPAI H5 viruses in wild avifauna.
- The whole metropolitan territory is henceforth placed on high alert level.
- The occurrence of outbreaks appears inevitable. Nevertheless, lessons have been learned from past crises. The operators and the French competent authority are ready to face this crisis by taking all measures to prevent the spread of the disease.
- The situation remains evolving

Thank you for your attention
Merci pour votre attention

