

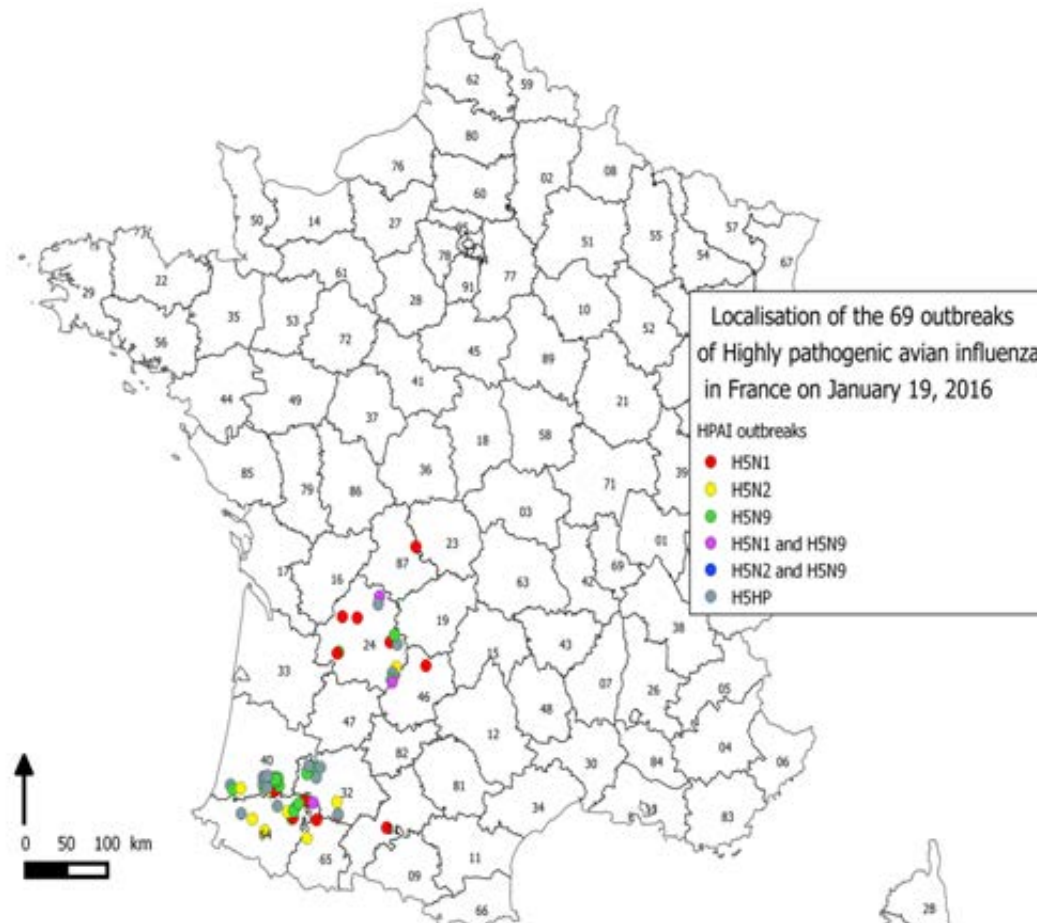
# Eradication strategy of HPAI in France

- Situation
- Restriction zone
- Epidemiological investigations
- Depopulation
- Biosecurity
- Qualification and surveillance



# Updated situation

- 69 outbreaks of H5 HP (78 % in duck farms) – last outbreak on January, 12th



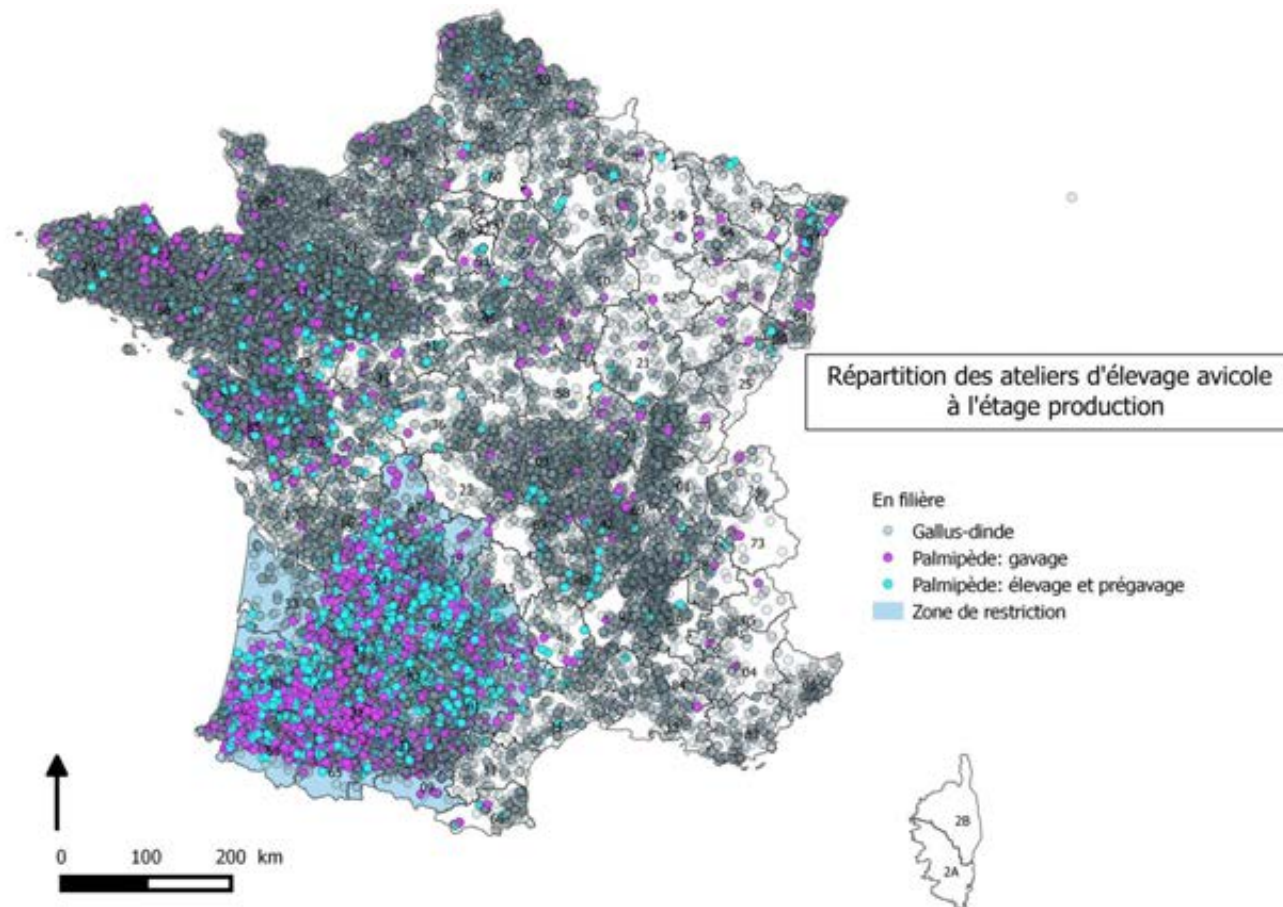
# Restriction zone and epidemiological investigations

- Extension of the restriction zone to all the departments (15) from southwest involved in the production of ducks for foie gras
- Epidemiological investigations ongoing



# Restriction zone

Restriction zone according to the spatial distribution of poultry flocks



# Epidemiological investigations

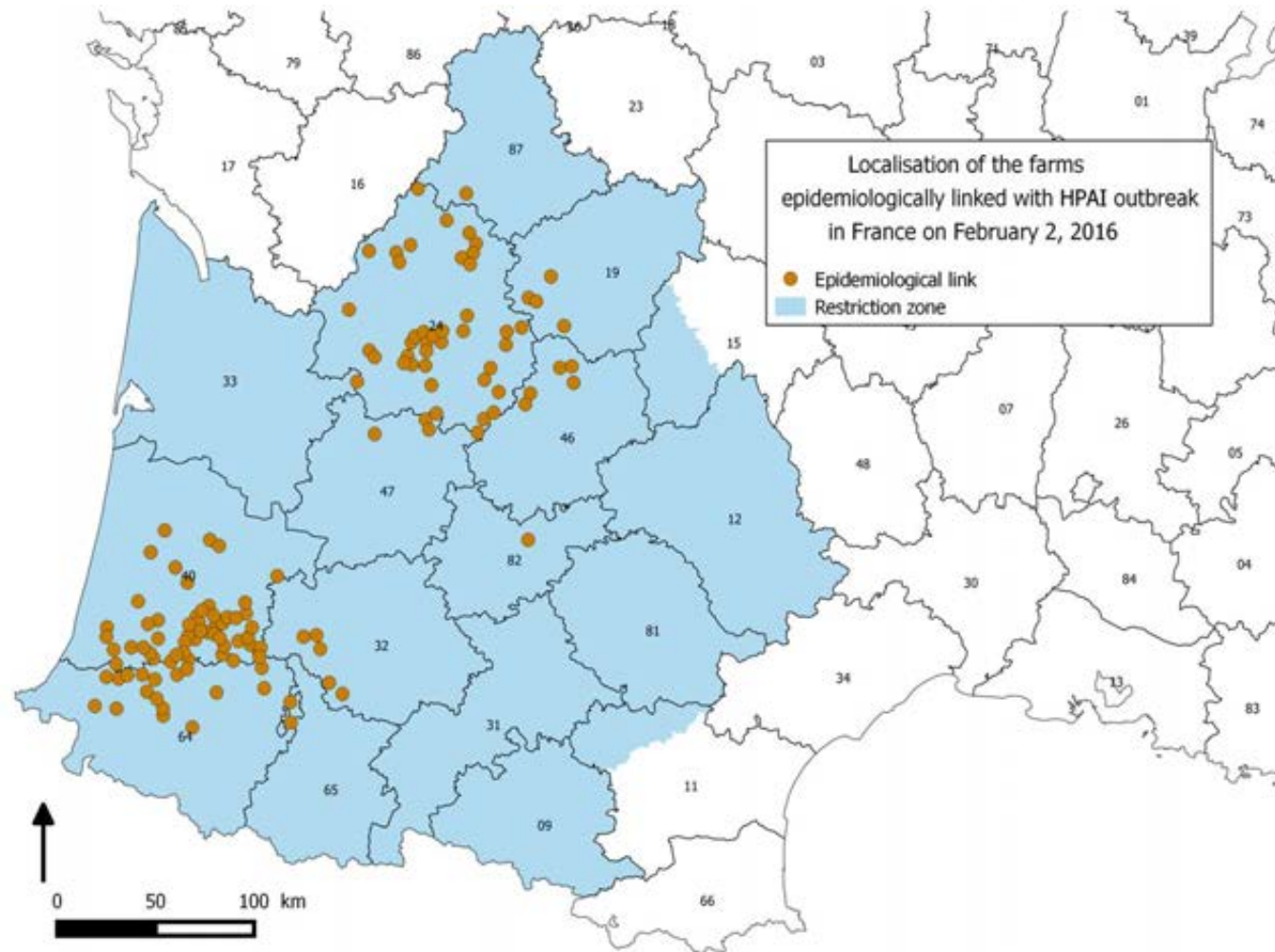
- Complete investigations in 41 (59%) of outbreaks
- Data recorded for 38 outbreaks
- 157 farms epidemiologically link to an outbreak
  - 69 % in the 2 most affected départements
  - 11 in 3 departments with no outbreaks but in the restricted zone





# Epidemiological investigations

- Farms epidemiologically linked to an outbreak



# Epidemiological investigations

- Farms epidemiologically linked to an outbreak
  - Production type
    - 94 % (n=148) from duck production farms
    - 5 from brooding farms
    - 4 to be determined
  - Clinical inspection (and  $\pm$  sampling) in 32 farms ; others are going to be depopulated
  - 14 farms infected by H5 HP
  - 1 suspicion



# Progressive depopulation

- Interdiction to introduce young palmipeds within the restriction zone (under 1 week old since 18/1, under 3 weeks old from 8/2)
- Absence of palmipeds for foie gras and meat production from mid April to mid May
- Empty farms/materials/runs are cleaned/desinfected and left for empty period
- Duck and geese breeders left in restriction zone if PCR negative
- Free range chicken submitted to reduction of runs and testing if proximity with former palmipeds runs





# Active surveillance

- On January, 25th : a total of 2027 visits (1438 visits on January, 18th)
  - 88 % of them prior to animals movements in restricted zone or systematic visit
  - 21 % (n=234) as other active surveillance, but underestimated because time needed to test samples in lab and record data

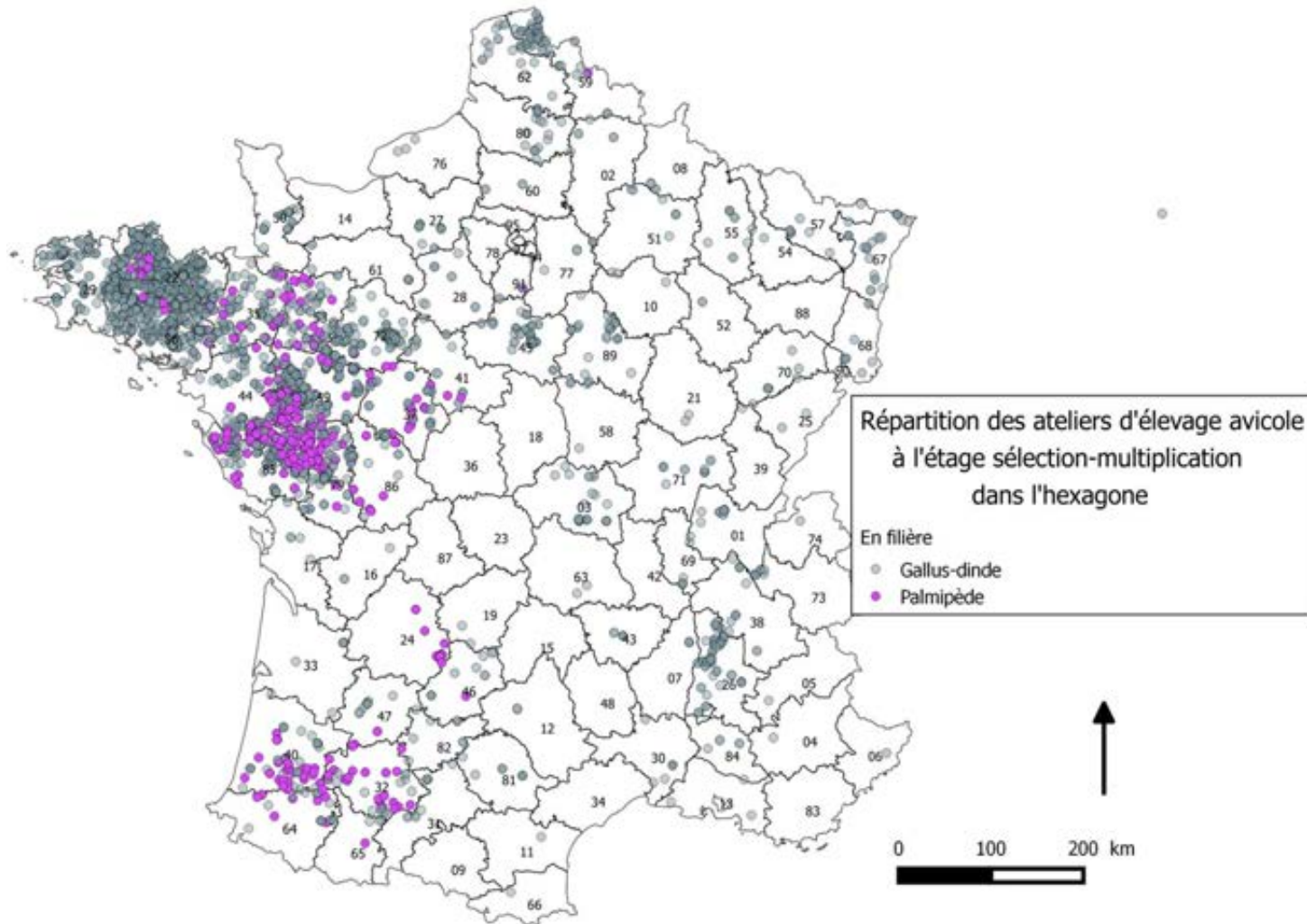


# Active surveillance

- Surveillance of breeding farms (start last week)
  - Every duck, laying hen, broiler and turkey farms in the restricted zone
  - Every duck farms in the free area
  - A % of laying hen, broiler and turkey farms in the free area
- Method of Surveillance : clinical inspection + serological tests (+ for ducks only, virological tests)

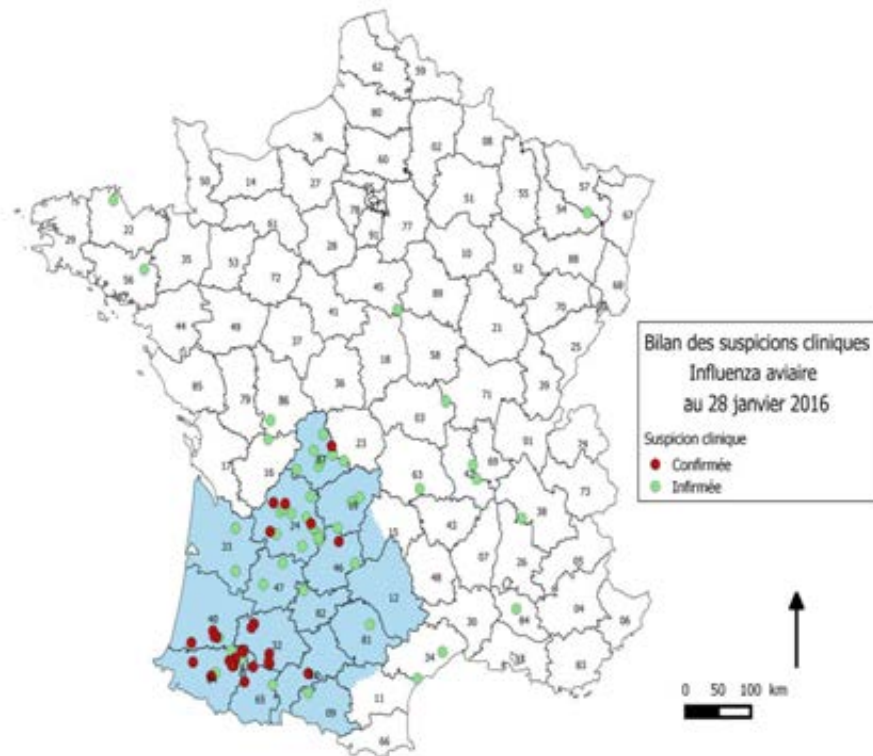


# On going surveillance



# Clinical surveillance

75 clinical suspicions (some of them outside the restricted zone)  
27 (36%) linked to an outbreak of H5HP



All poultry farmers with  $> 250$  animals are going to be visited by their vet (annual visit paid by the Ministry)  
Sensibilisation to clinical symptoms of AI and biosecurity measures



# Qualification and surveillance (forthcoming)

- « Qualification » of palmiped breeders based on biosecurity measure + regular testing
- Surveillance for progressive lifting protection and surveillance zones
- Surveillance for lifting restriction zone, after depopulation
- Revision of active annual surveillance program





# Adaptation of resources

- Huge control plan in a complete period
- Logistic needs for cleansing / disinfection (slurry++), testing
- Awareness and education of farmers
- Need for increased human resources
- Farmer's and industry compensation



# Additional guarantees for day old chicks

- Directive 2005/94 (measures against AI)
- Directive 2009/158 (intra UE trade of poultry and hatching eggs)
- Decision 2015/3640

No exit of poultry from the restricted zone

Exemptions (not from the protection and surveillance zones)

- Day old chicks: agreement of the Member state of destination
- Hatching eggs : test on breeders



# ADDITIONNAL GUARANTEES FOR DAY OLD CHICKS

- Specific inspection of hatcheries by official experts
- Checks on
  - BIOSECURITY
  - TRACEABILITY
  - DESINFECTION OF EQUIPMENT AND VEHICLES
  - TRANSPORT ROUTES (via main roads).
- Implementation of the specific professional framework (« charte sanitaire »)
- List of hatcheries – ONLY GALLUS



### Répartition des couvoirs en zone réglementée au 21 janvier 2016

- Couvoir
- Zone de protection
- Zone de surveillance
- Zone de restriction

