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# Highly pathogenic avian influenza in the EU

***Civil Dialogue Group  
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*Official controls and eradication of diseases in animals*

## ***HPAI in poultry in the EU***

*11/2014-02/2015*

- ***HPAI H5N8** (origin Korea, Japan) in 5 Member States (DE, NL, UK, IT and HU) - mostly single introductions and most likely wild bird involvement*

*02/2015*

- ***HPAI H5N1** ('Asian' strain) in backyard flock in BG and in Dalmatian pelicans in BG and RO*

*07/2015*

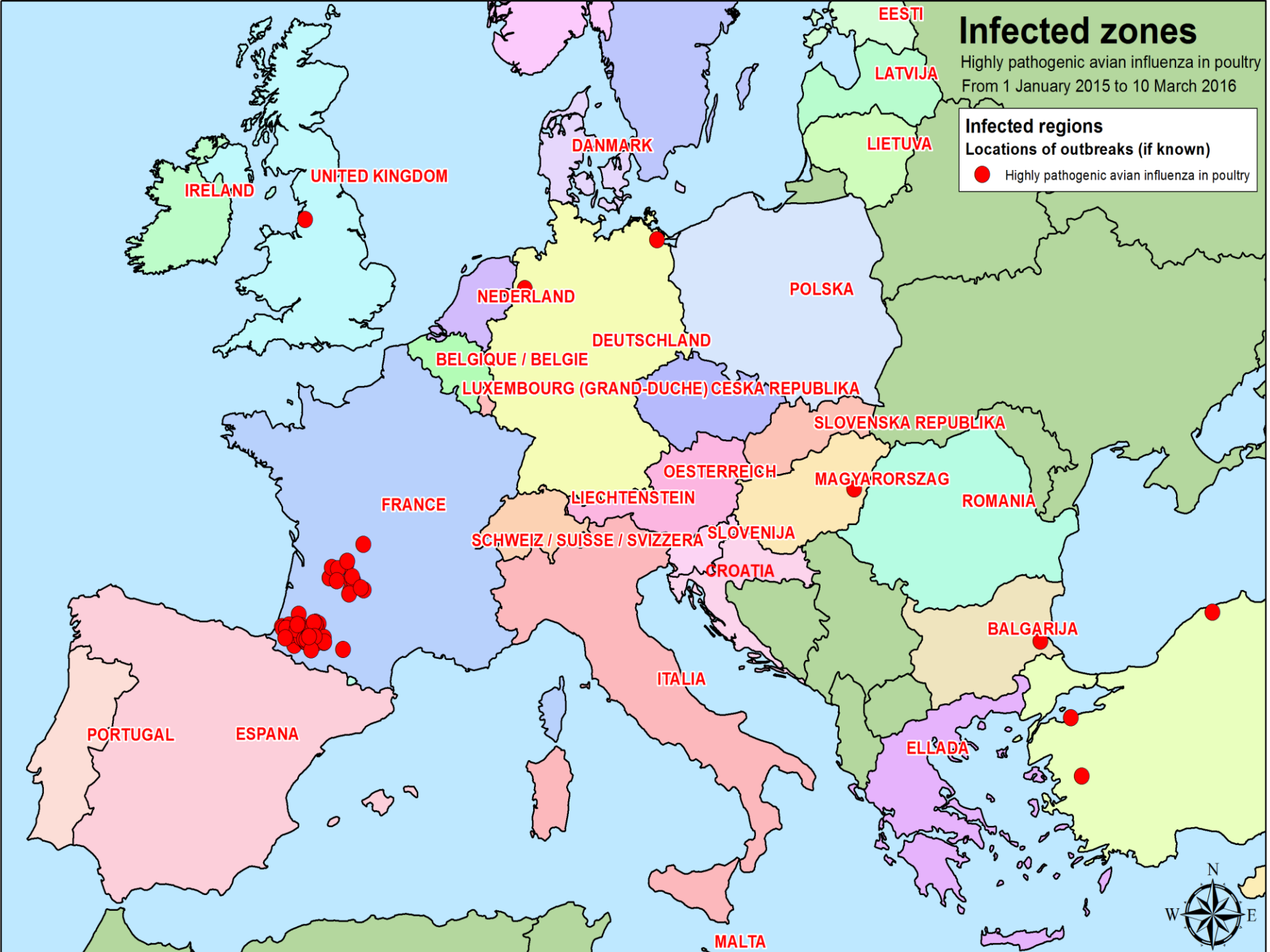
- ***HPAI H7N7** – DE and UK*

# Infected zones

Highly pathogenic avian influenza in poultry  
From 1 January 2015 to 10 March 2016

**Infected regions**  
Locations of outbreaks (if known)

- Highly pathogenic avian influenza in poultry





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# *Current avian influenza situation in France*

# 24/11/2015 – 08/03/2016

## 75 HPAI outbreaks

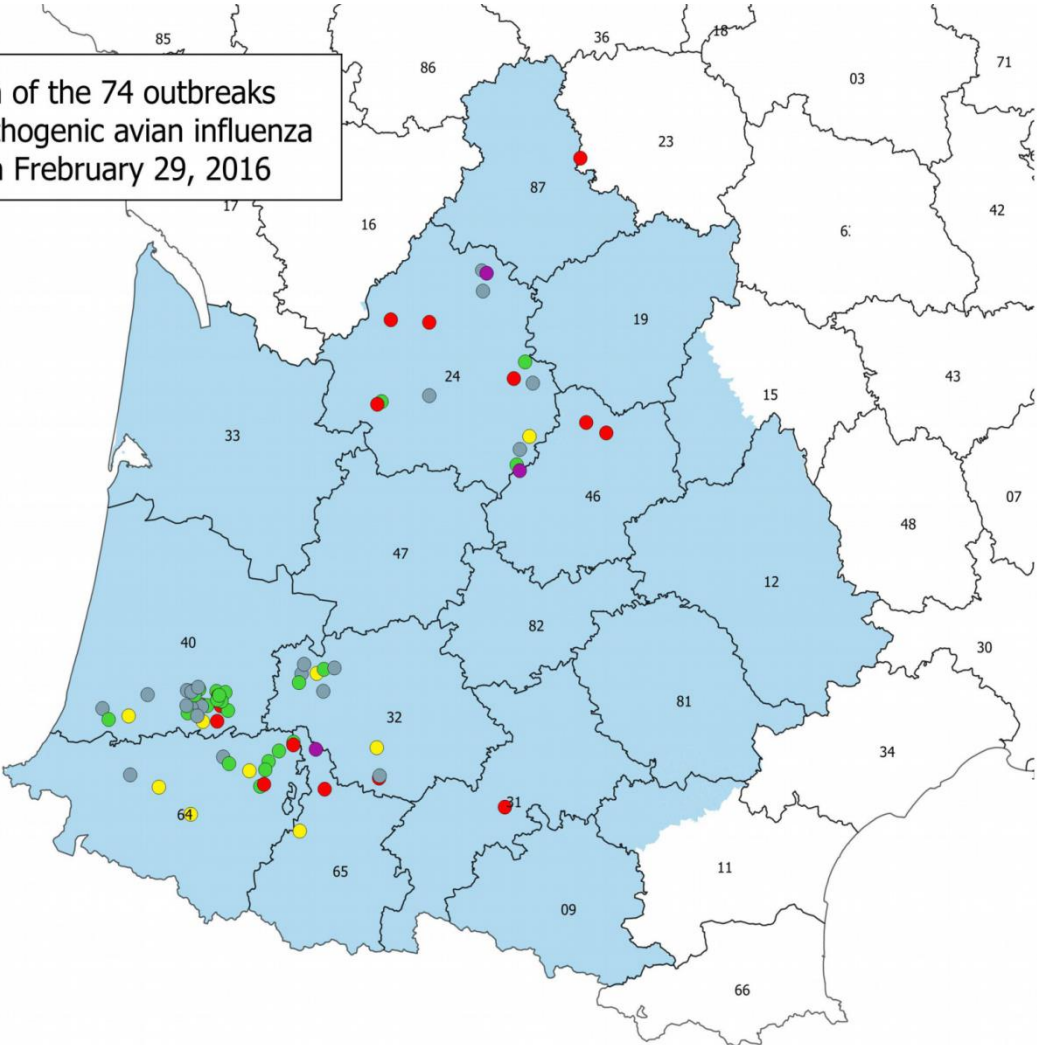


Localisation of the 74 outbreaks  
of Highly pathogenic avian influenza  
in France on February 29, 2016

- HPAI outbreaks
- H5N1
  - H5N2
  - H5N9
  - H5N1 et H5N9
  - H5N2 et H5N9
  - H5HP



0 50 100 km



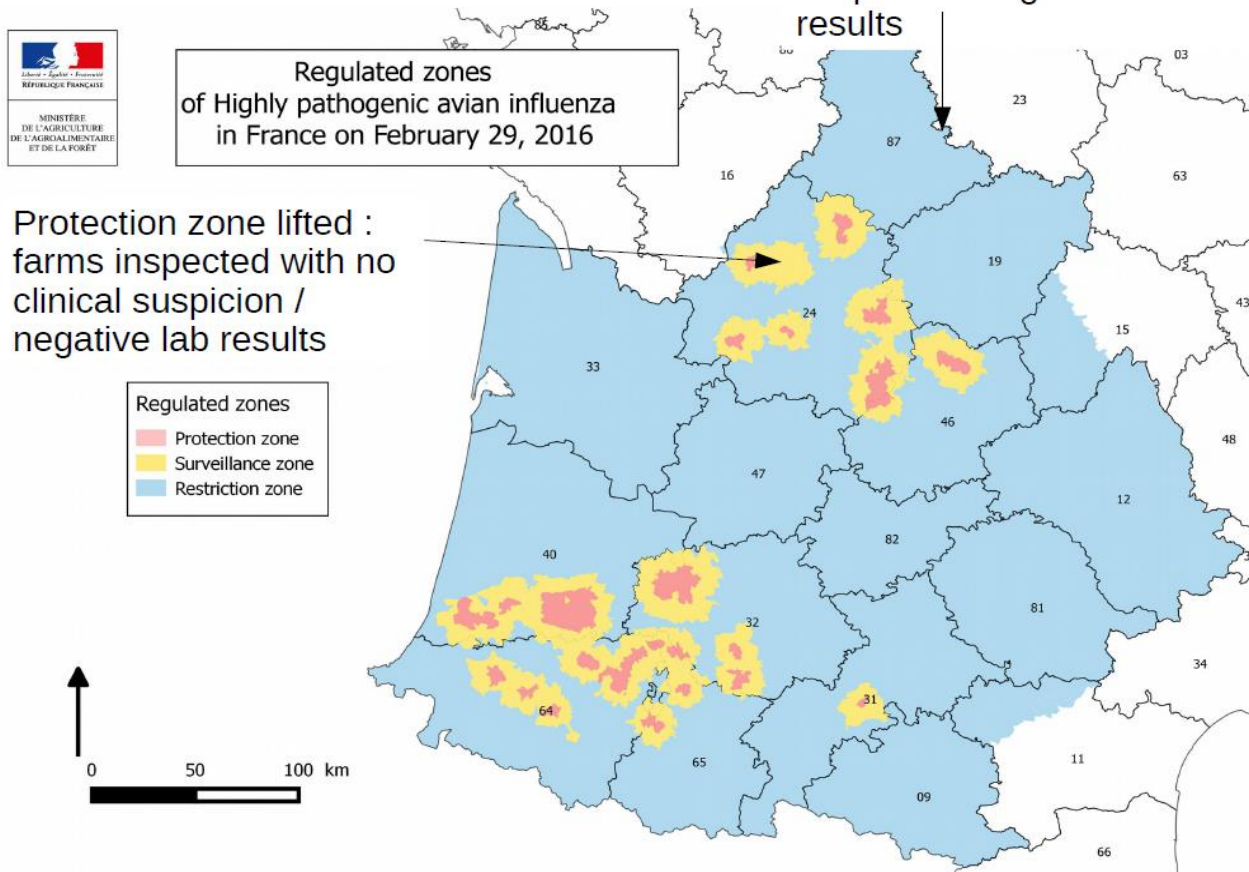
## ***Control measures (1)***

- 1st outbreak 24/11/2015 in Dordogne
- Stamping-out of infected flocks
- Epidemiological investigations
- Establishment of protection (PZ) and surveillance zones (SZ) - Dir. 2005/94/EC
- EU protection measures: CID 2015/2239 endorsing extent of zones

## *Control measures(2)*

- 'Further restricted zone' (FRZ) around PZ/SZ- CID 2015/2460
  - prohibition of dispatch of live poultry/hatching eggs to other parts of France, other Member States or third countries
  - except day-olds & hatching eggs under bio-secure conditions with agreement from receiving Member State
  - amendment to pre-movement investigations before slaughter
- FRZ extended to 15 départements (+ parts of 3) CID 2016/237

# France – zones under restrictions





## ***FR eradication and control strategy (1)***

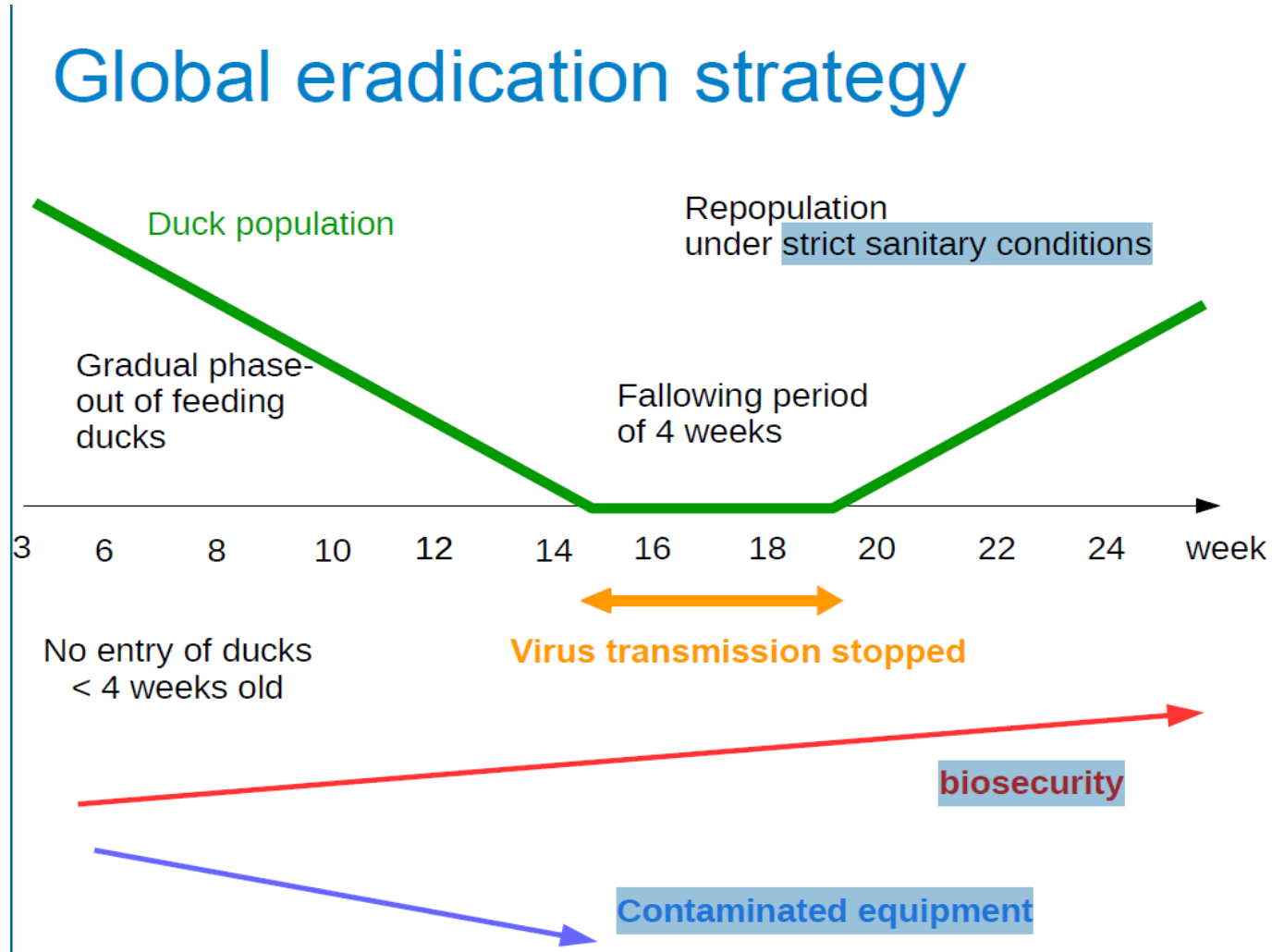
- progressive depopulation of duck farms
- prohibition of restocking
- fallow period
- controlled re-population
- enhanced surveillance (passive, active, duck breeders also in free areas of FR)
- lifting of measures after post-restocking surveillance completed

## ***FR eradication and control strategy (2)***

- Ministerial orders on biosecurity measures and provisional timetable for strategy
- Supervising animal transport
- Reinforced traceability
- Qualification of breeding stocks?
- Good Practice Guides
- Farming management system e.g. separation of production units
- Awareness campaigns, training, stakeholder meetings

# Timeline for implementation of FR strategy

## Global eradication strategy





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## ***Scientific co-operation***

- Virus characterisation of HPAI H5N1, H5N2 & H5N9 and in vivo studies:
  - EU AI Reference laboratory (APHA)
    - Pekin ducks - HPAI H5N1 virus - ongoing
  - National AI reference laboratory (Anses)
    - Muscovy ducks - HPAI H5N9 virus - as of 15/03 to study:
- Clinical expression and pathology
  - Virus tropism
  - Virus shedding
  - Transmission

## ***EFSA scientific opinion on AI (by end 2016)***

- risk of introduction of HPAI viruses (H5N8 and other) into EU poultry
- suitability of current legislation on:
- biosecurity and early detection systems in poultry holdings
  
- protection measures in poultry holdings when HPAI is detected in wild birds
  
- objectives and methodology of AI surveillance
  
- continuous risk for introduction of low pathogenic avian influenza from the wild bird reservoir into poultry holdings and measures to protect poultry against infection

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***Thank you for your attention!***