



VETERINARY SURGEONS

Independence • Integrity • Innovation



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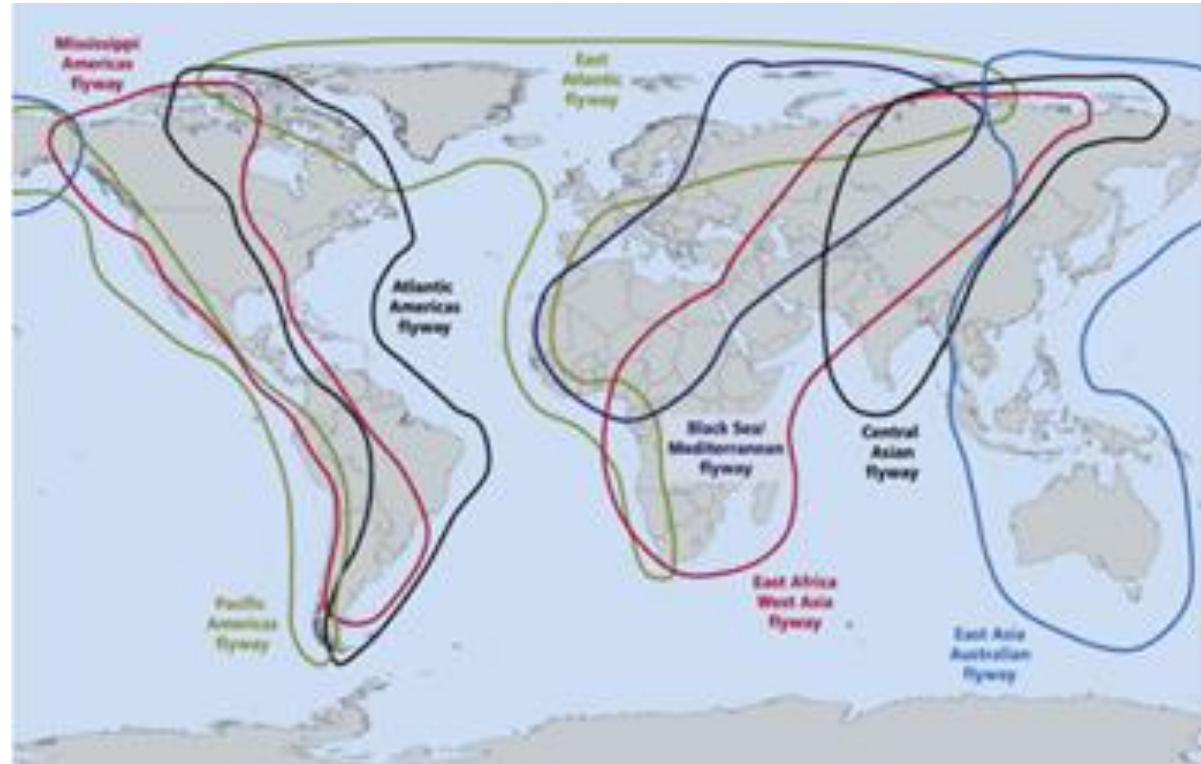
H5N1 Avian Influenza Outbreak UK 2022- 23

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ST DAVID'S POULTRY TEAM

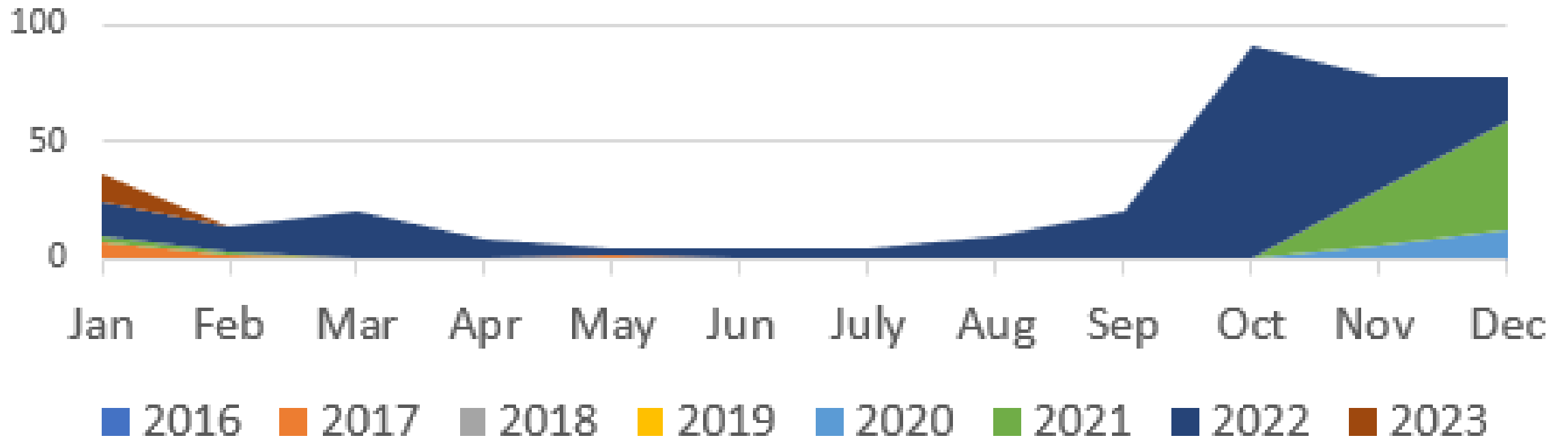


Avian Influenza outbreak

- Worst in history (1 76 cases in poultry since October 2022)!
- Oversummered!






HPAI in the UK: 2016-2023 (H5N8,H5N1)







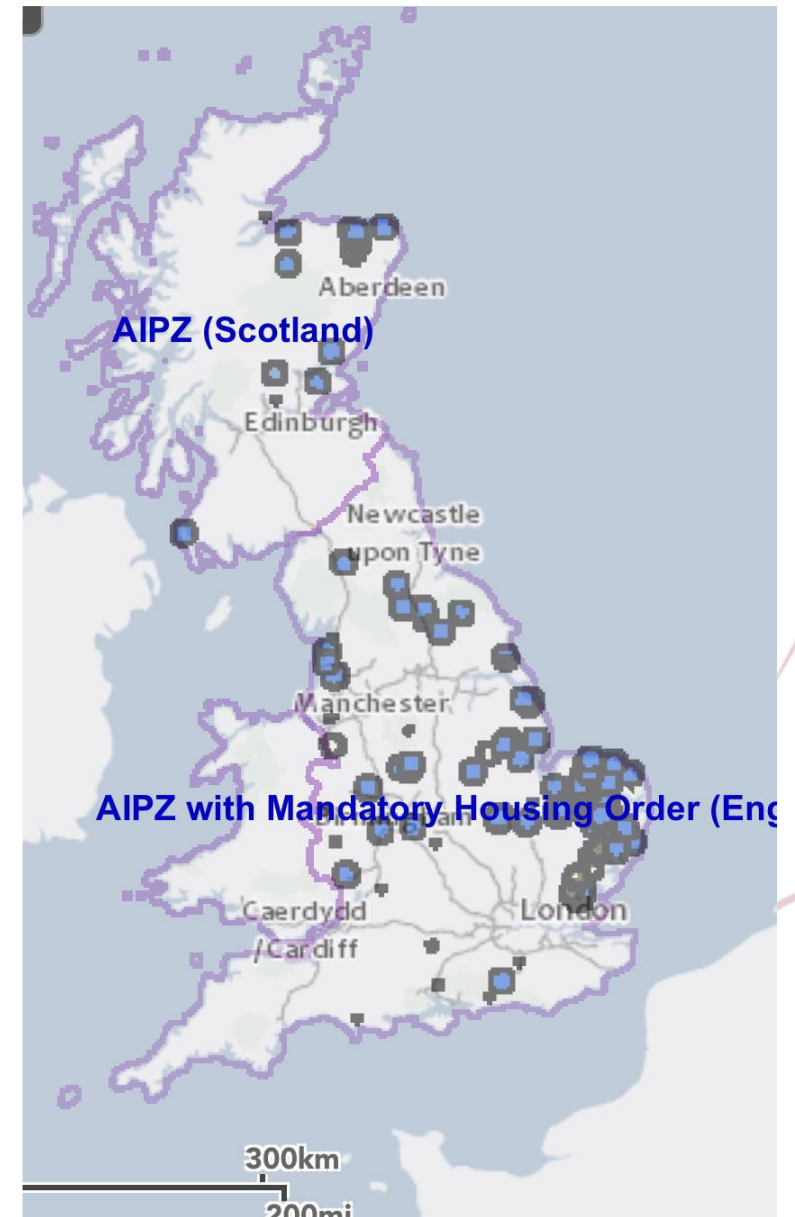
01/10/2022 - 26/01/2023

Control Zones 13/10/2022

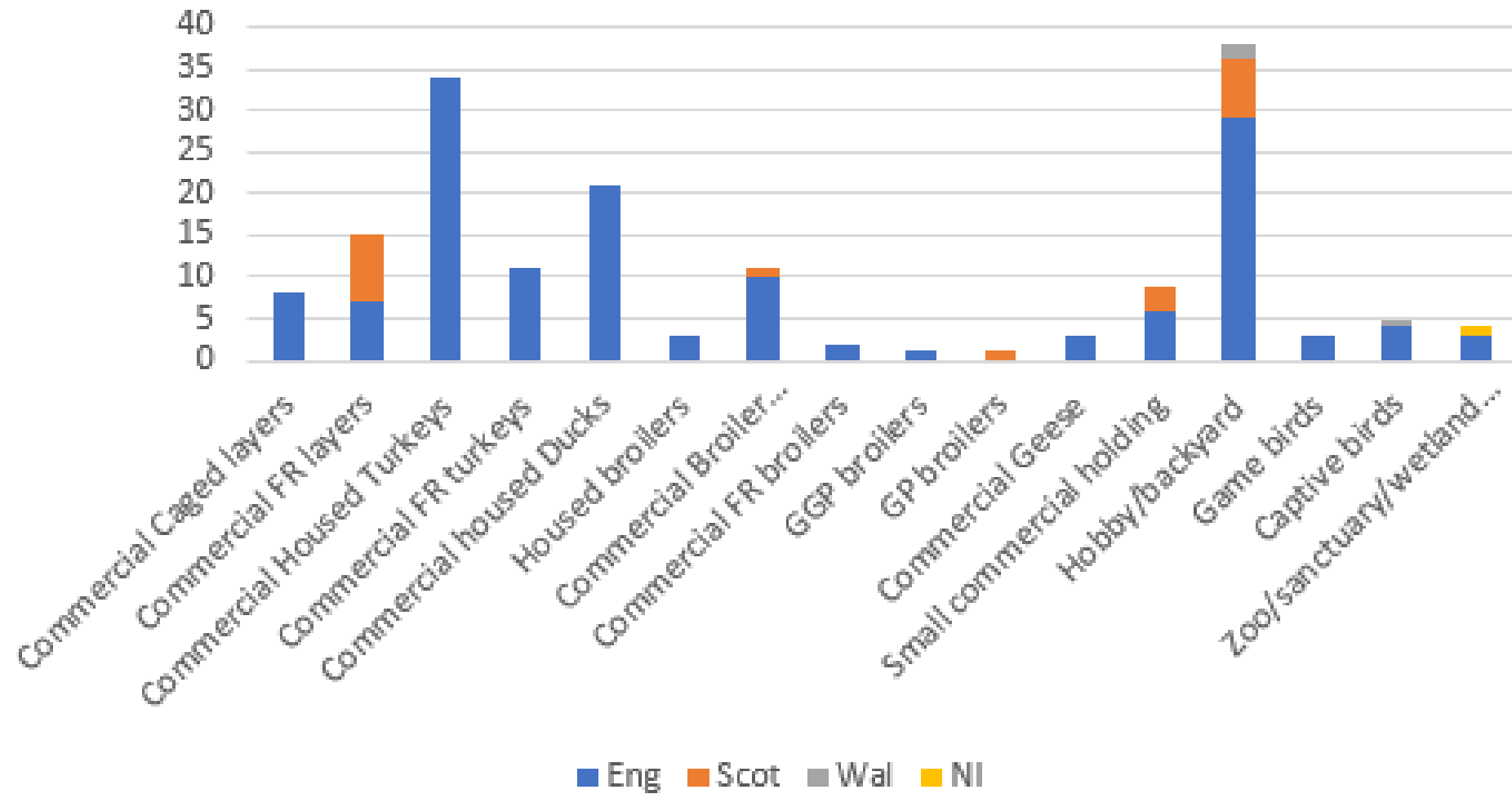
-  3km Protection Zone
-  10km Surveillance Zone
-  3km Captive Bird (Monitoring) Controlled Zone

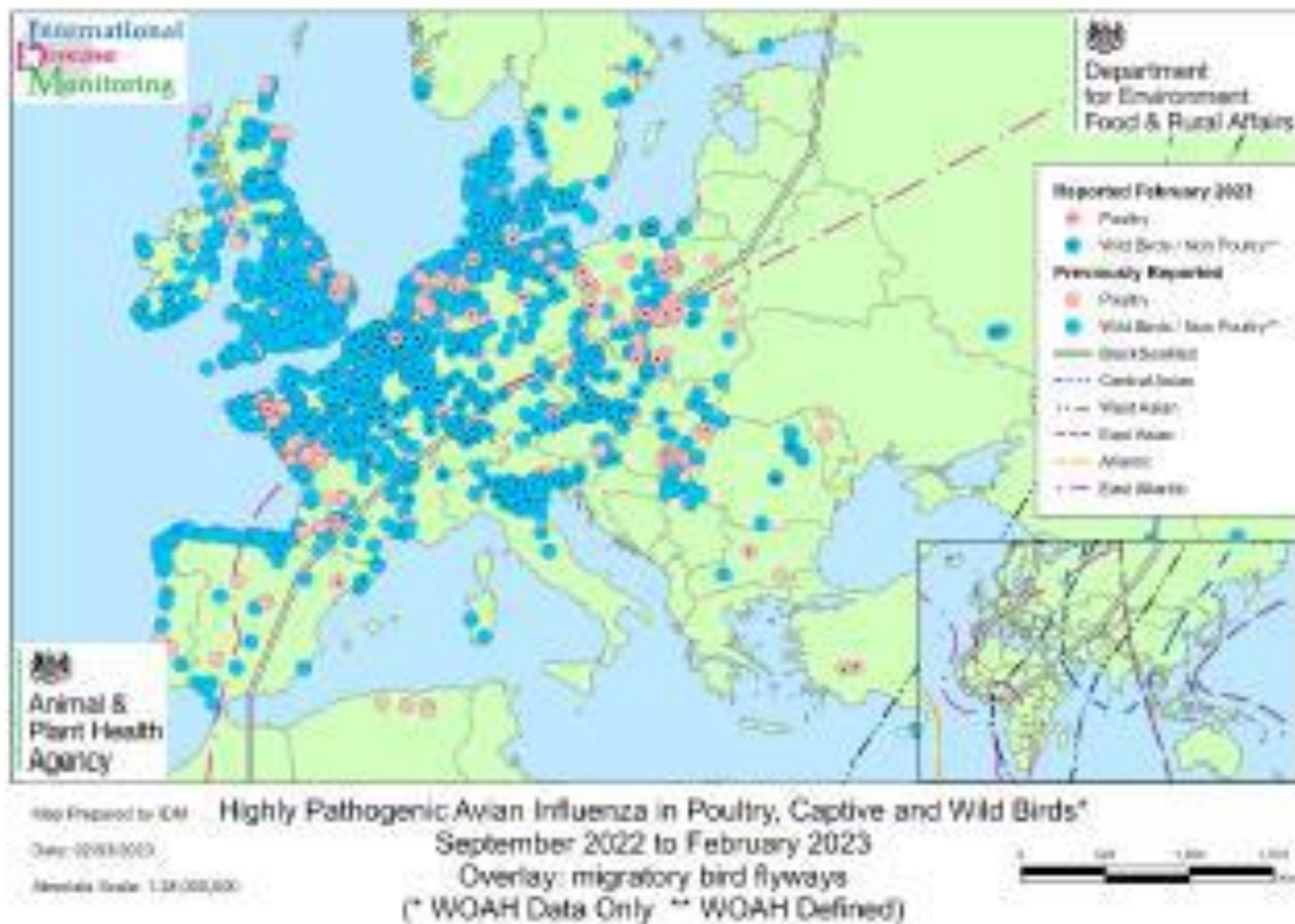
Regional Avian Influenza Prevention Zone

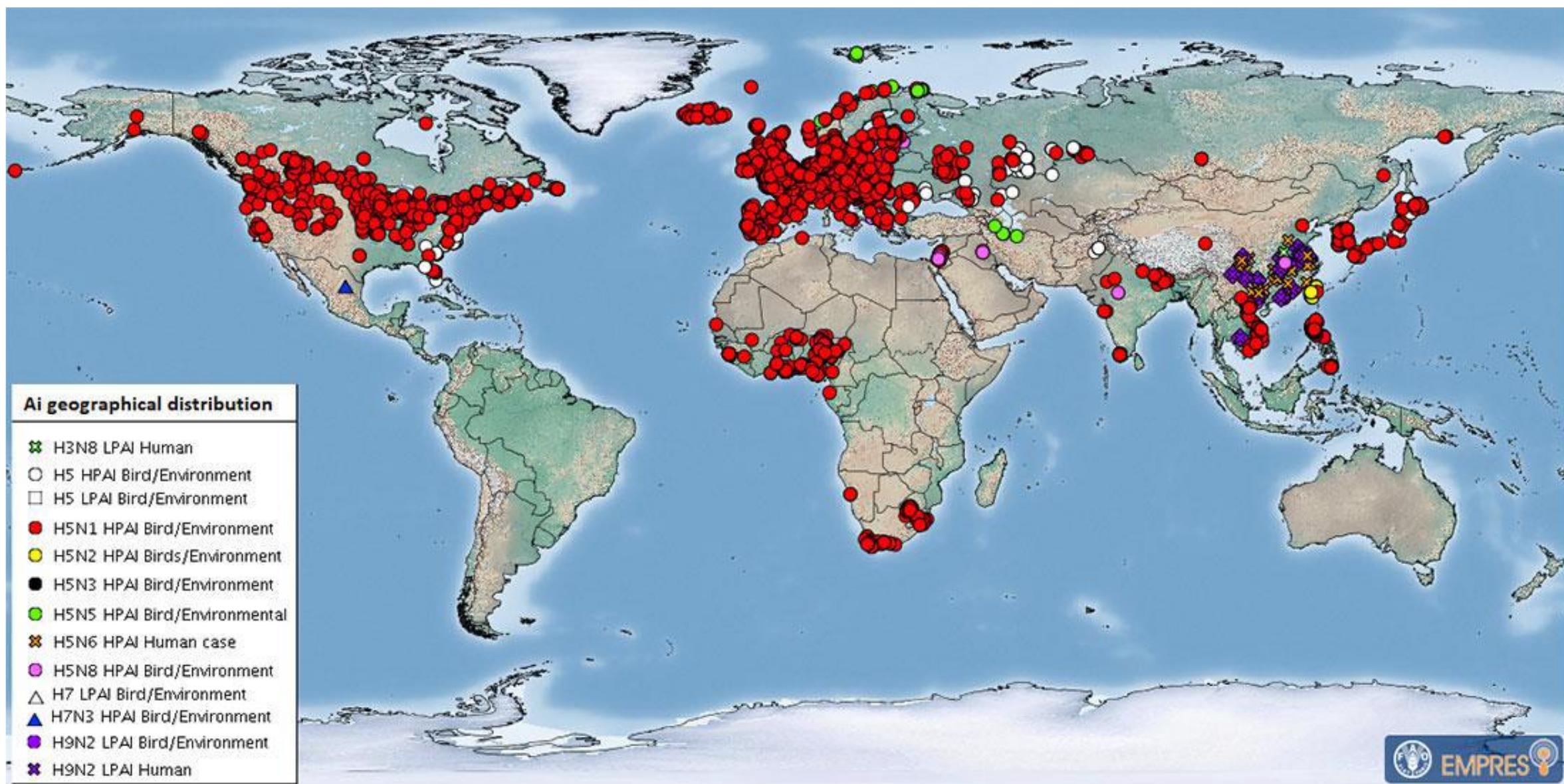
-  Avian Influenza Prevention Zone South West
-  AIPZ with mandatory housing



IPs by country/premises







Why was the 2021-23 outbreak so bad?

- Survivability?
- Lower amount of virus needed to infect birds?
- Greater ability to infect waterfowl?
- Airborne spread?

How did we tackle it?

- Most cases were fresh introductions and not spread between farms!
- Avian Influenza Prevention Zone.
- Housing Order.
- 3k and 10k zones.
- Licensing requirements for moving birds to and from farms in zones.
- Messaging!
- Stakeholder meetings!

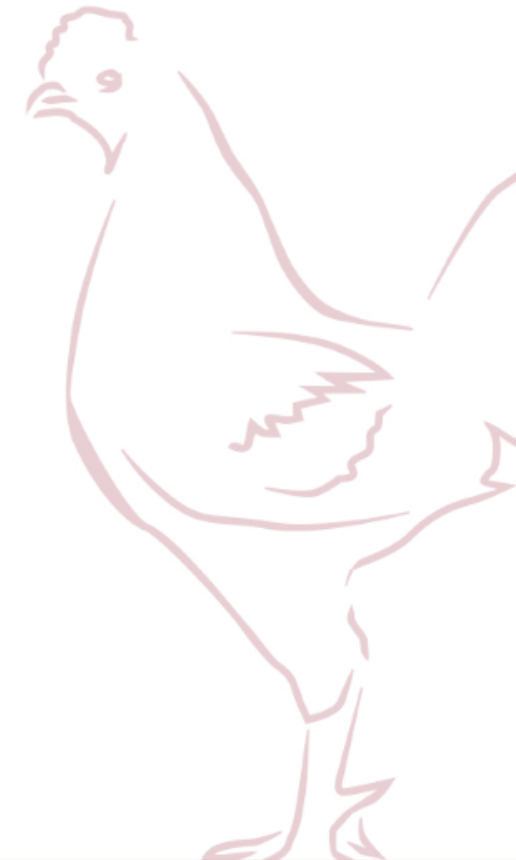
Entrances



Site security and entrances



Vehicles coming onto site



Visitor book



Tidiness of site



Tidiness of site



Fallen stock



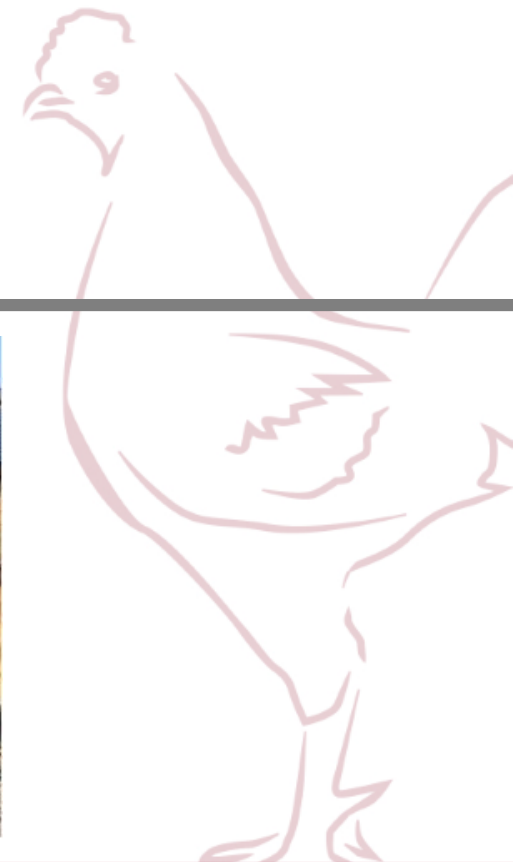
Shed maintenance



Shed maintenance



Shed maintenance



Concrete apron



Control / egg room



Inlets



Shed maintenance

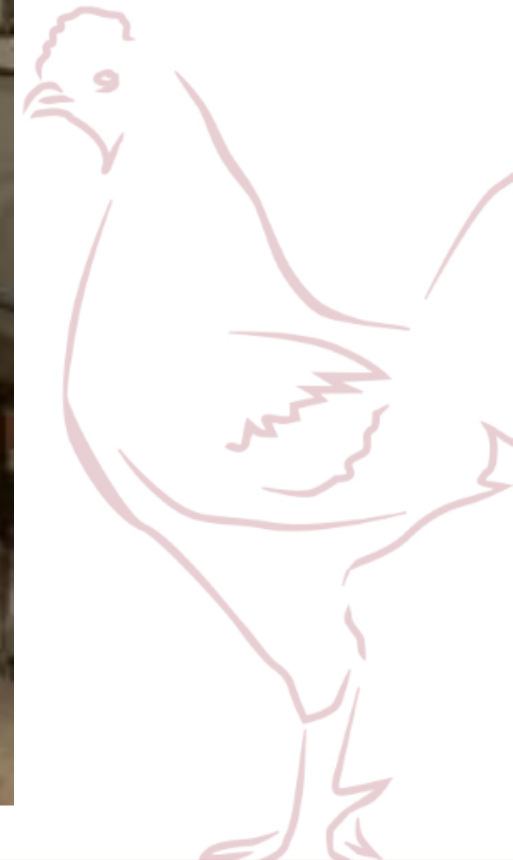




Feed spillages



Top-up bedding



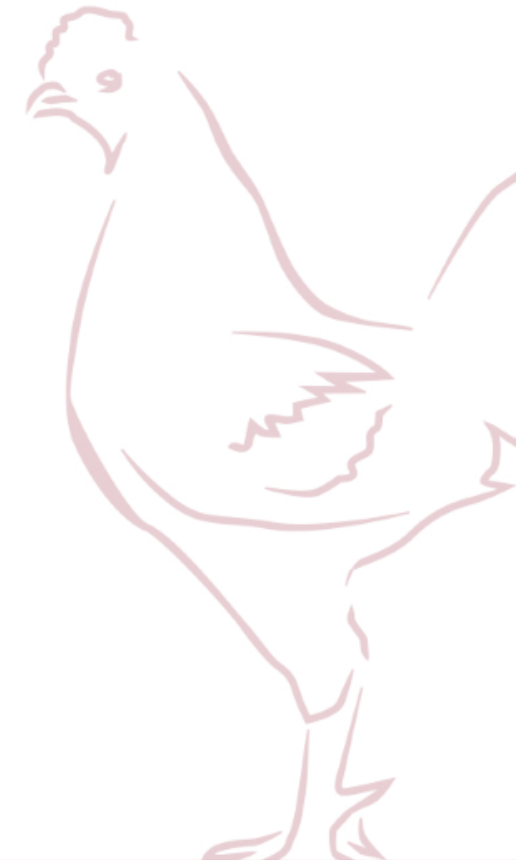
Control / egg room



Foot dips



PPE



Vaccination

- Trials ongoing in Netherlands, France and Italy.
- Major trade issues.
- Vaccinated flocks will need to be tested monthly!

Any questions?

Thank you for your time