



**Ministry of Environment  
and Food of Denmark**  
Danish Veterinary and  
Food Administration

# Highly pathogenic avian influenza in Denmark - current situation

## SCoPAFF-meeting 16.11.21

16. November 2021

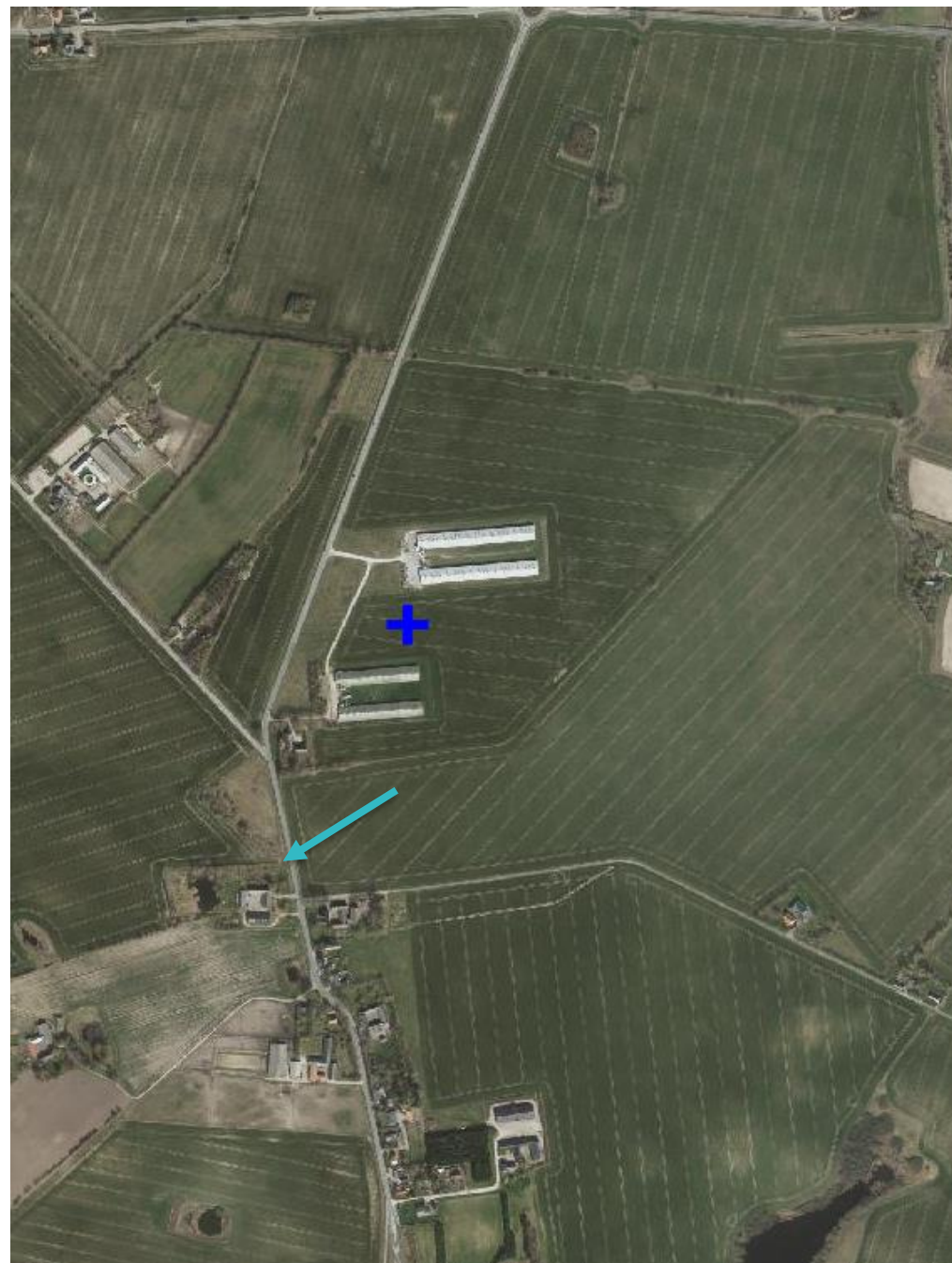
# HPAI H5N1 outbreaks november 2021

**01.11.21: H5N1 confirmed in an establishment with turkeys for slaughtering.**

**03.11.21: H5N1 confirmed in an establishment with captive birds – located in PZ of the first outbreak in turkey**

**3 and 10 km zones were established around both outbreaks – almost identical zones due to the nearby location**

**Both located in the municipality of Slagelse in Sealand**



# Outbreak of HPAI H5N1 in a poultry holding, November 2021

Holding with 27.600 slaughter turkey

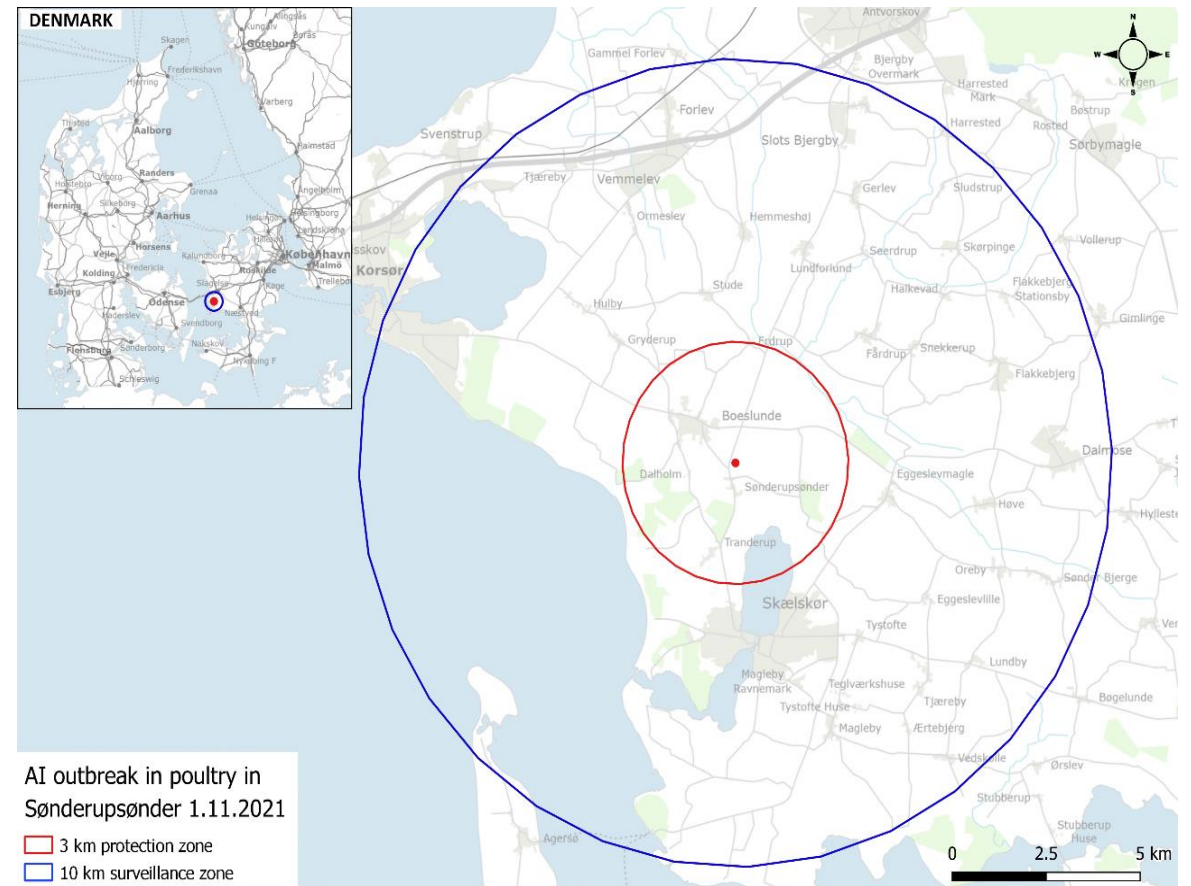
4 houses – one epidemiological unit

HPAI H5N1 confirmed 1st November 2021  
by the NRL.

No trade of poultry from the holding to  
other EU countries within the last 21 days.

Biosecurity measures was in place

The epidemiological investigation is  
ongoing – wild birds?



# HPAI H5N1 in a poultry holding, November 2021

**30 October: animals were tested 30 November due to increased mortality in the holding - in one of the four houses**

**1 November: HPAI H5N1 confirmed in tracheal and cloacal swabs by the NRL .**

- PZ and SZ established
- In PZ: 7 hobby flocks and 1 farm with gamebirds
- In SZ: 3 holdings with slaughter turkeys, 2 farm with gamebirds, 45 hobby flocks/small commercial flocks

**2 – 3 November: culling of the animals with CO2 by whole house gassing. Now also high mortality in another of the 4 houses.**

- Carcasses disposed of by rendering

**5 November: Preliminary cleaning and disinfection carried out – approved by the CA 6/11.**

**Screening in zones is completed – no further suspicions**



# Outbreak of HPAI H5N1 in captive birds, November 2021

50 birds – ducks, hens and gees

2/11: clinical suspicion due to high mortality

3/11: HPAI H5N1 confirmed 2021 by the NRL.

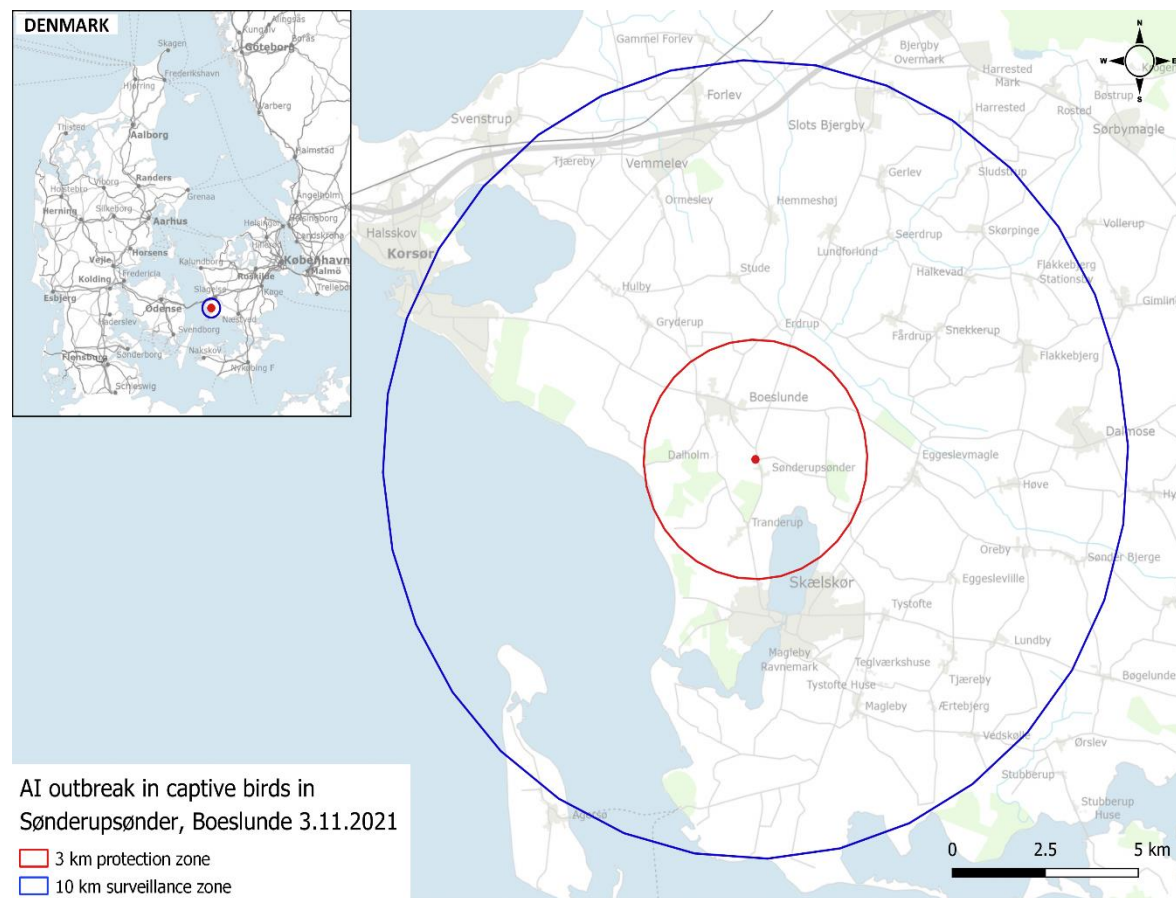
3/11: culled and disposed by rendering

4/11: preliminary cleaning and desinfection carried out – approved by the CA 5/11

2 potbelly pigs – tested HPAI – both negative

Free ranging birds, low biosecurity

The epidemiological investigation is ongoing – wild birds?





# National biosecurity measures

**From 1 November 2021:**

- **National order:**
  - **Birds/poulties should be kept inside/protectet from contact with WB.**
  - **Gatherings of birds e.g. exhibitions, animal shows etc. are prohibited**
- **Focus on increased biosecurity in all establishments, transporters, hunters, birdwatchers etc.**

# HPAI H5N1 in wild birds, Q4 2021

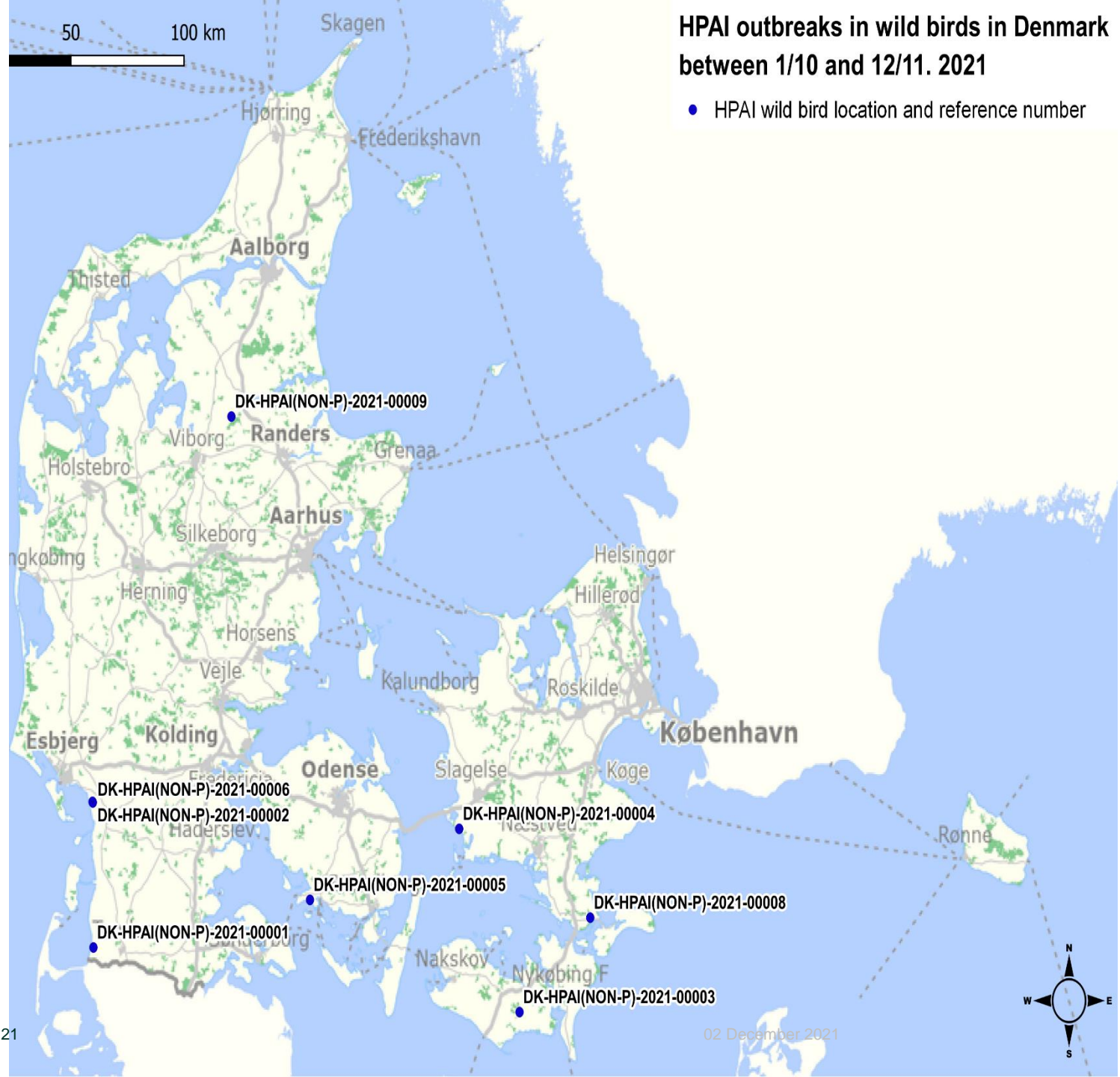
Reports of findings of dead birds via an app – birds collected and tested  
Active surveillance – live and hunted birds

Q4 of 2021:

22/10: First HPAI H5N1 in WB at the south-west part of DK

Until 18/11 21: HPAI H5N1 confirmed in 8 wild birds in autumn 2021.

Common Teal  
Eurasian Wigeon  
Barnacle goose  
Greylag goose  
Eurasian buzzard – no 4, close to the outbreaks  
Grey Heron



**Thank you for your attention**

