



Ministry of Agriculture

Epidemiological situation and the measures regarding Highly pathogenic avian influenza in Hungary

Meeting of the Standing Committee of Plants, Animals, Food and Feed

23 April 2021



Ministry of Agriculture

HPAI in Hungary in 2021 till March

2 counties affected: Komárom-Esztergom and Bács-Kiskun

6 outbreaks

- 2 primary and 4 secondary
- 2 fattening turkey and 4 laying hen holdings

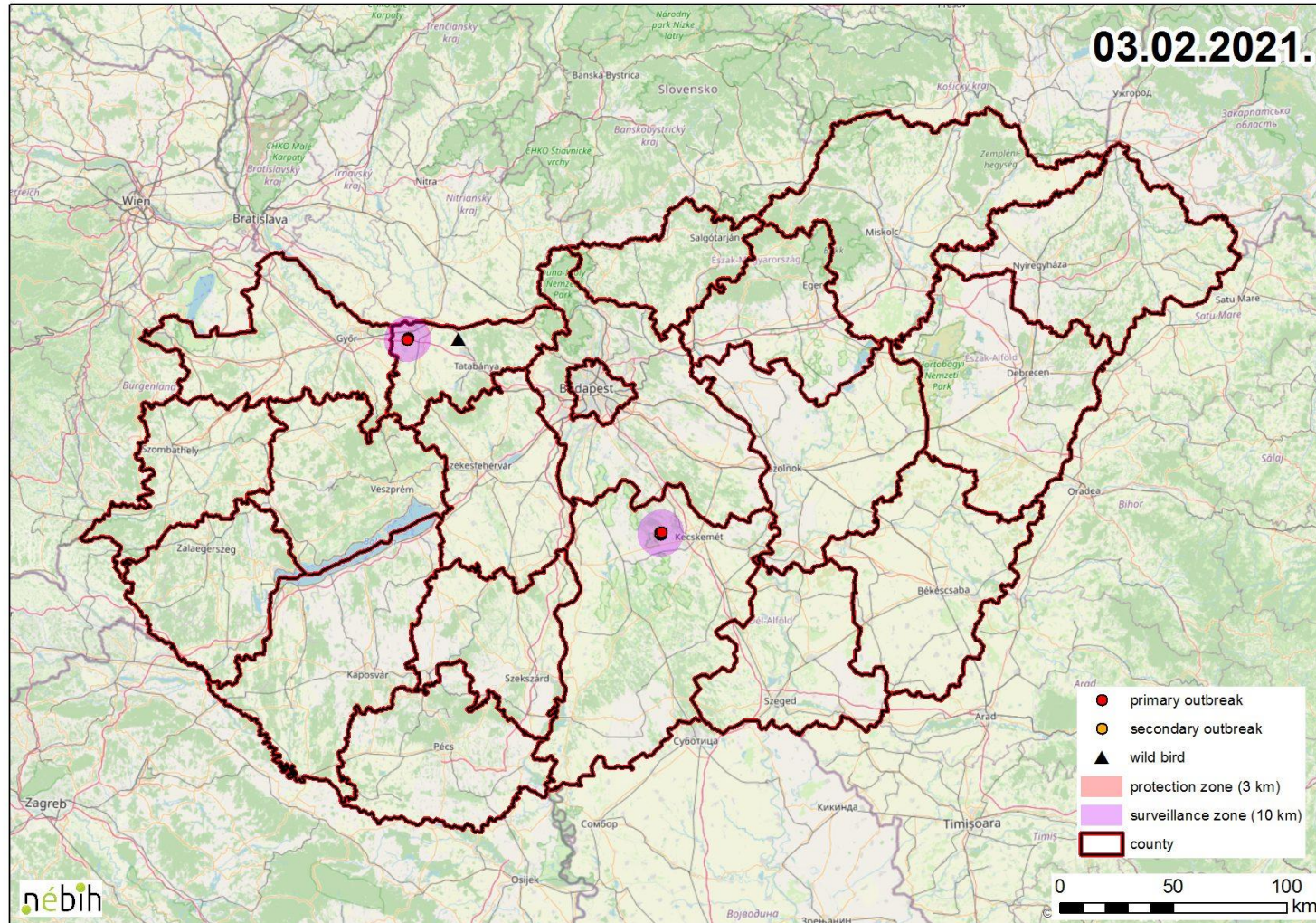
4 wild bird cases

- 3 counties: Komárom-Esztergom, Csongrád-Csanád and Somogy (3 different regions)
 - 1 great egret (H5N8), 2 mute swans (H5N8), 1 white tailed eagle (H5N5)
-



Ministry of Agriculture

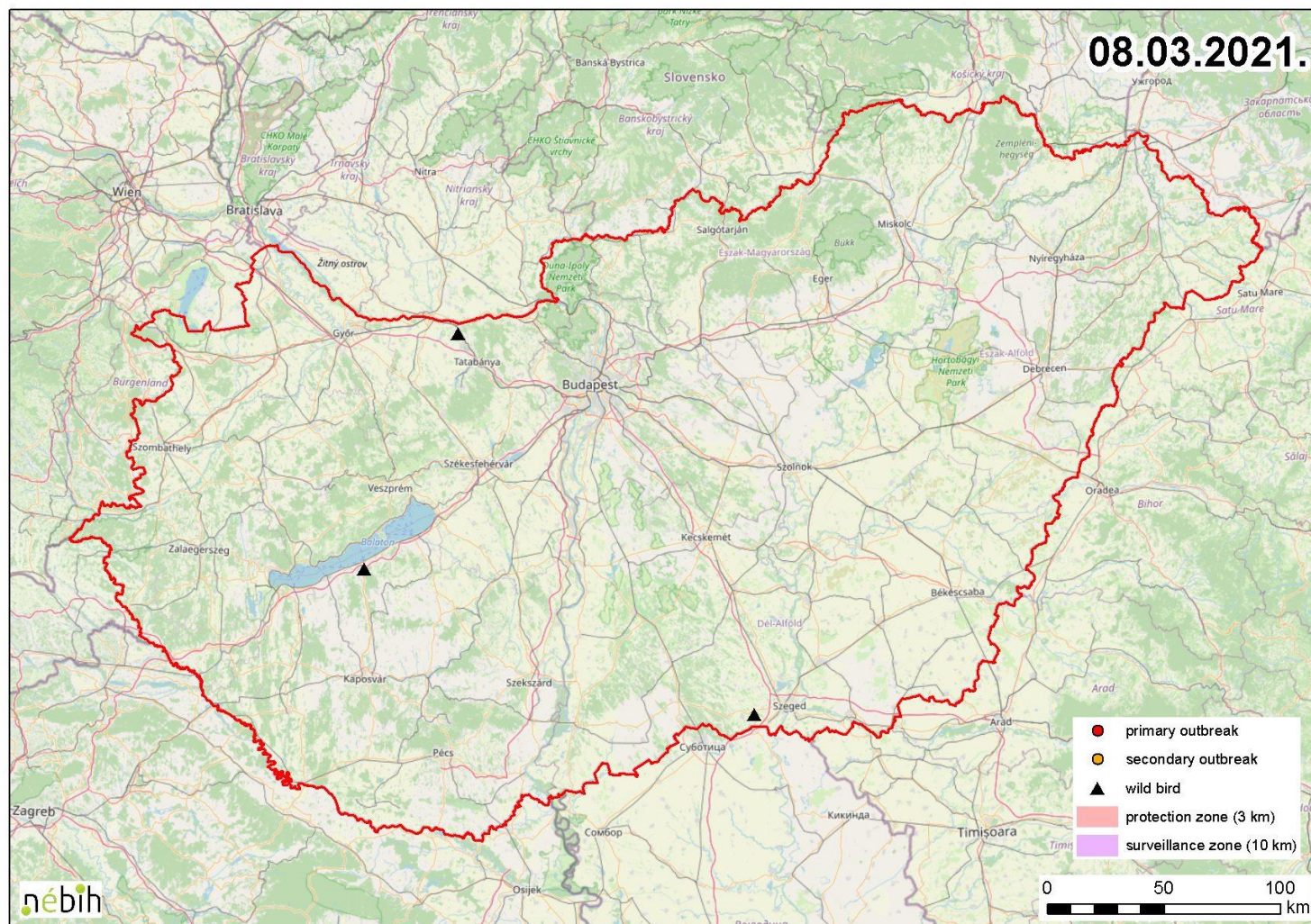
Earlier epidemiological situation





Ministry of Agriculture

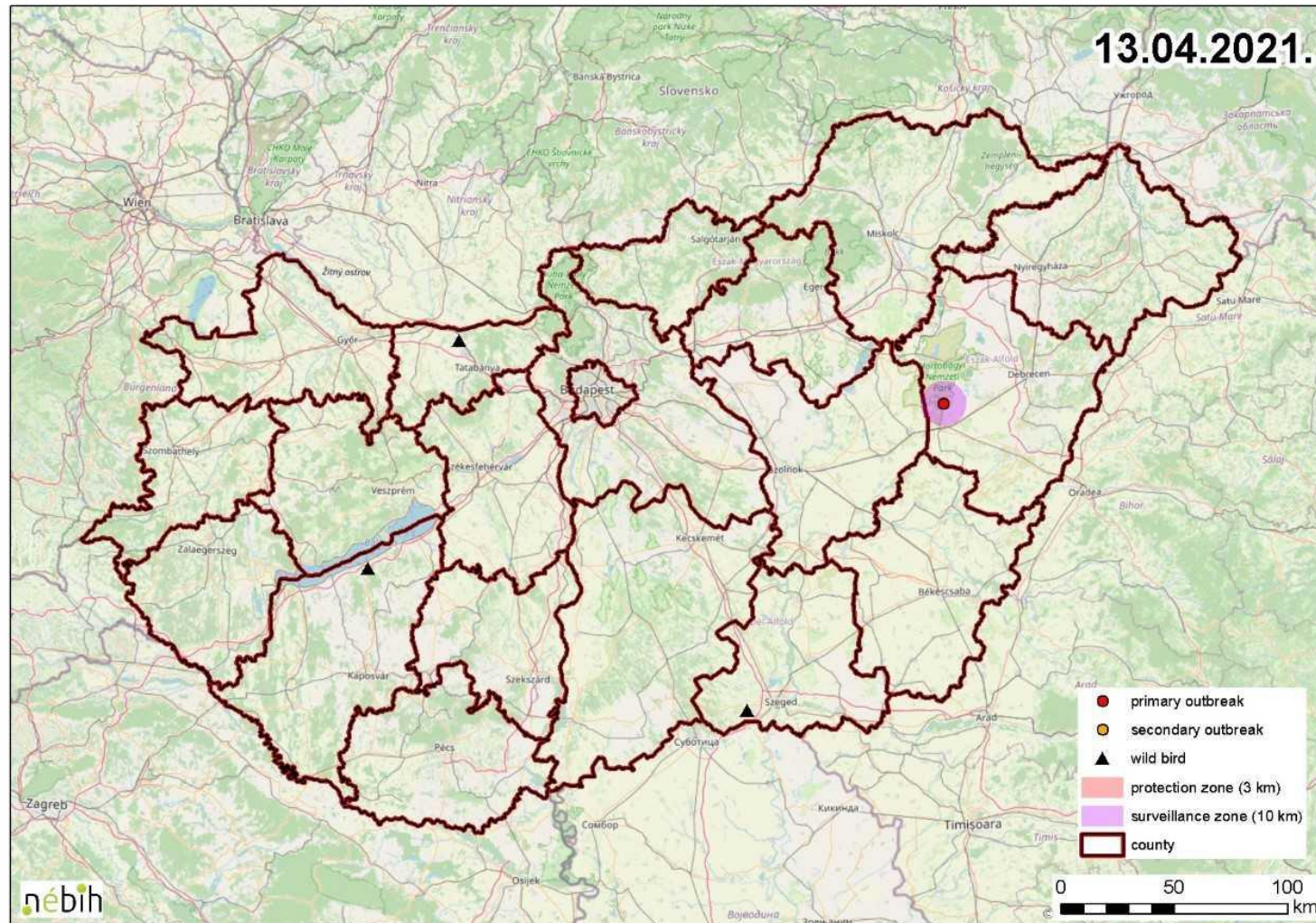
Earlier epidemiological situation





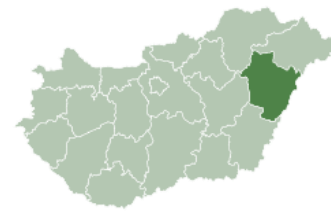
Ministry of Agriculture

Current epidemiological situation





Ministry of Agriculture



New outbreak in Hajdú-Bihar county

Breeding turkey holding

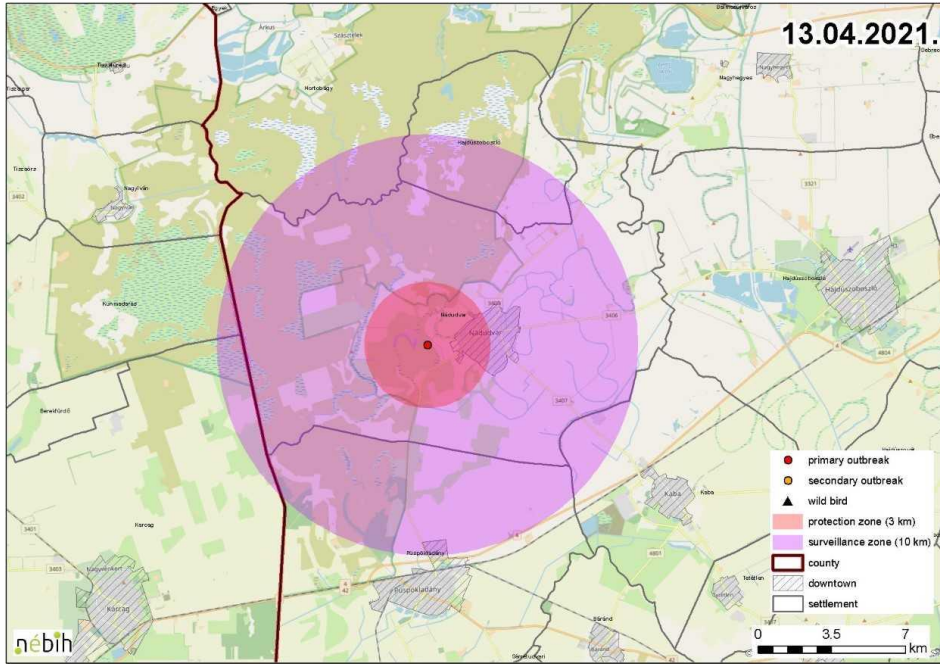
6 pens

11769 38 weeks old turkeys

symptoms in several pens:
increased mortality , drop in feed
and water intake and egg
production

samples were taken: 10th April
NRL confirmed H5N1: 13th of
April





Killing was already started based on suspicion - finished on 15th April

Preliminary disinfection: 15th April

No other suspicion

Restricted area:

1 turkey hatchery (in PZ)

7 breeding turkey holdings (3 in PZ, but 2 are empty)

1 laying hen holding (in SZ)





Ministry of Agriculture

Epidemiological investigations

Possible source of infection: wild birds - resting areas nearby

The strain showed 99,8% similarity with A/Eurasian Wigeon/Netherlands/5/2020 (A/H5N1) strain on gene H5 (638 bp) and 100% similarity on N1 gene (full length, 1360 bp)



Ministry of Agriculture

Epidemiological investigations

Hatchery in PZ: hatching eggs and day-old chicks have been dispatched to inland and to some MSs within the incubation period: AT, CR, IT, PL, RO, SK

The day-old chicks dispatched have been hatched from eggs which were collected from the affected holding before the incubation period.



Measures still in force

CVO order on closed keeping of poultry - whole territory of Hungary - as of 25th November 2020

Compulsory sampling if transported for further keeping (excl. day-old-chicks) in waterfowl - within 72 hours, swabs - don't have to wait for the result

Compulsory sampling before the release of poultry for restocking supplies of game birds - within 72 hours, swabs - have to wait the result



Measures still in force

Enhanced active and passive surveillance of wild birds:

- Birdlife Hungary: searching for dead wild birds
- National parks: searching for dead wild birds
- sampling of hunting bags
- sampling of captured wild waterfowl in the area

Controls

- also by the NDCC
 - in cooperation with police
 - with drones)
-



Ministry of Agriculture

Thank you for your attention!

