



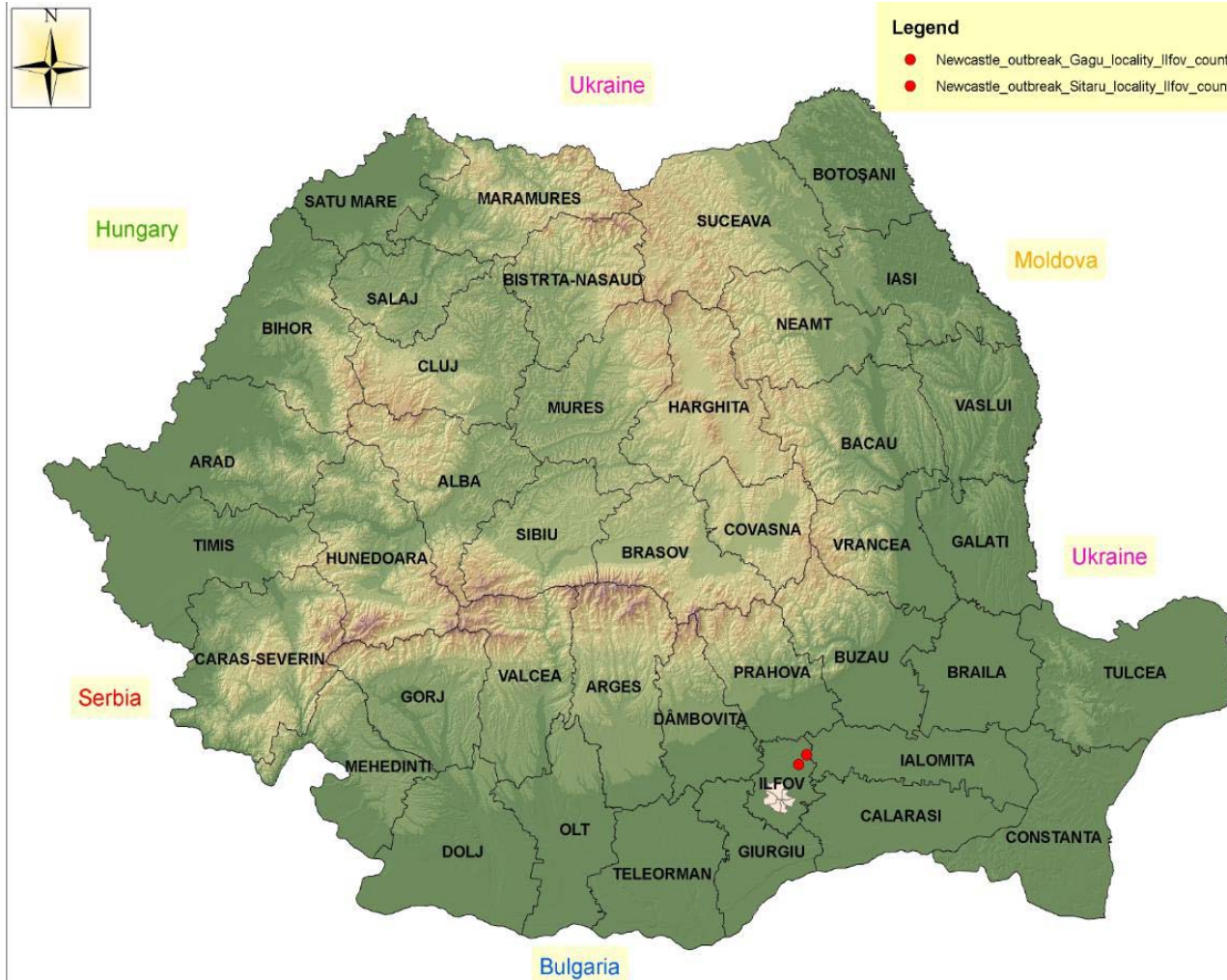
ROMANIAN GOVERNMENT
THE NATIONAL SANITARY VETERINARY AND FOOD SAFETY AUTHORITY

Newcastle disease in backyard poultry in Romania



PAFF Committee, March 2017
Brussels

Notified Outbreaks – Feb 2017



➤ **1st** outbreak of NCD confirmed on 01 Feb 2017 in **Gagu** village, Ilfov county

➤ **2nd** outbreak confirmed on 01 Feb 2017 in **Sitaru** village, Ilfov county

➤ **3rd** outbreak confirmed on 2nd Feb 2017 in **Sitaru** village, Ilfov county

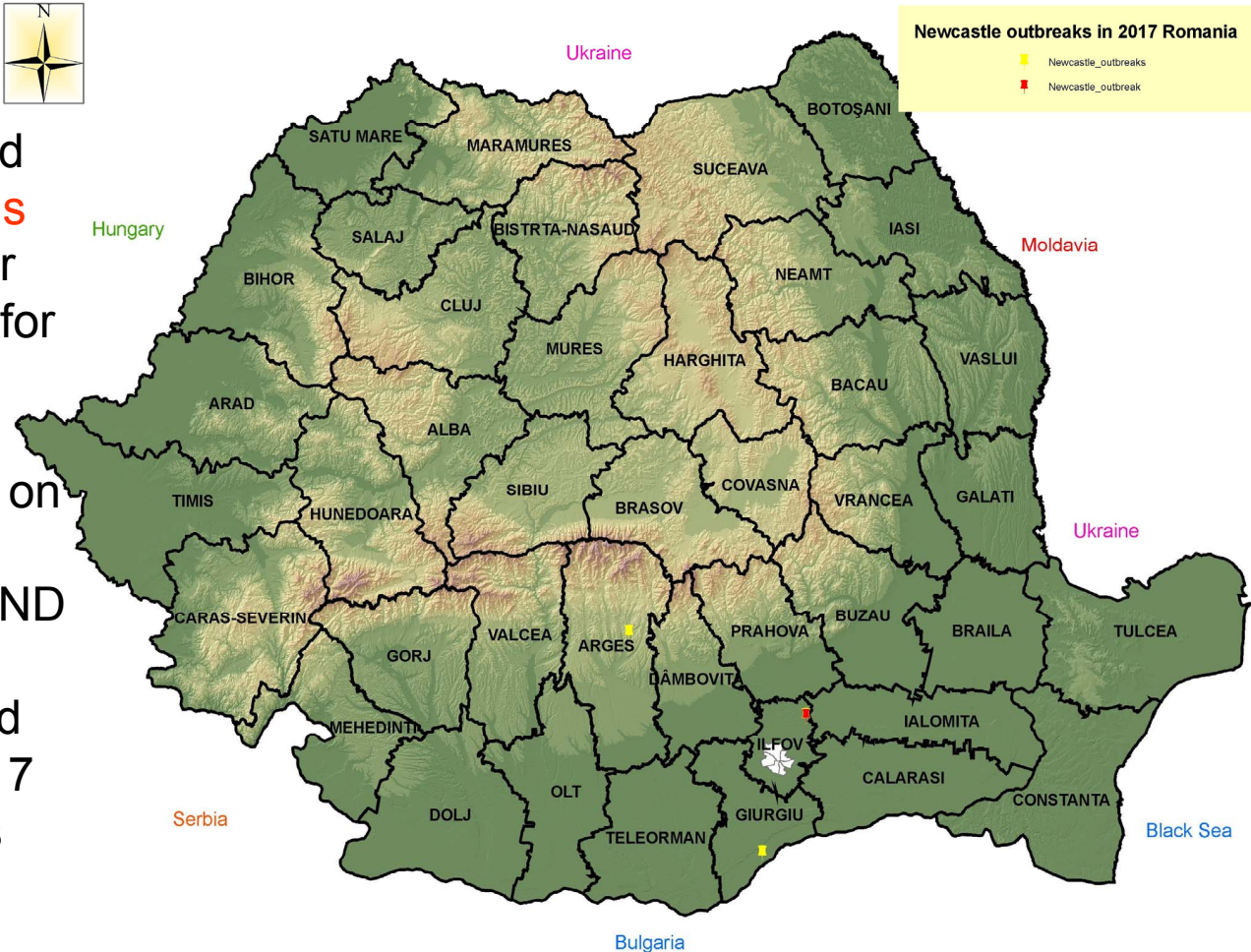
Notified Outbreaks of ND&HPAI – *Feb 2017*



➤ **4rd** outbreak confirmed on 22 Feb 2017 in **Remus** village, Giurgiu county for ND and on 15 Feb 2017 for HPAI H5N8 !

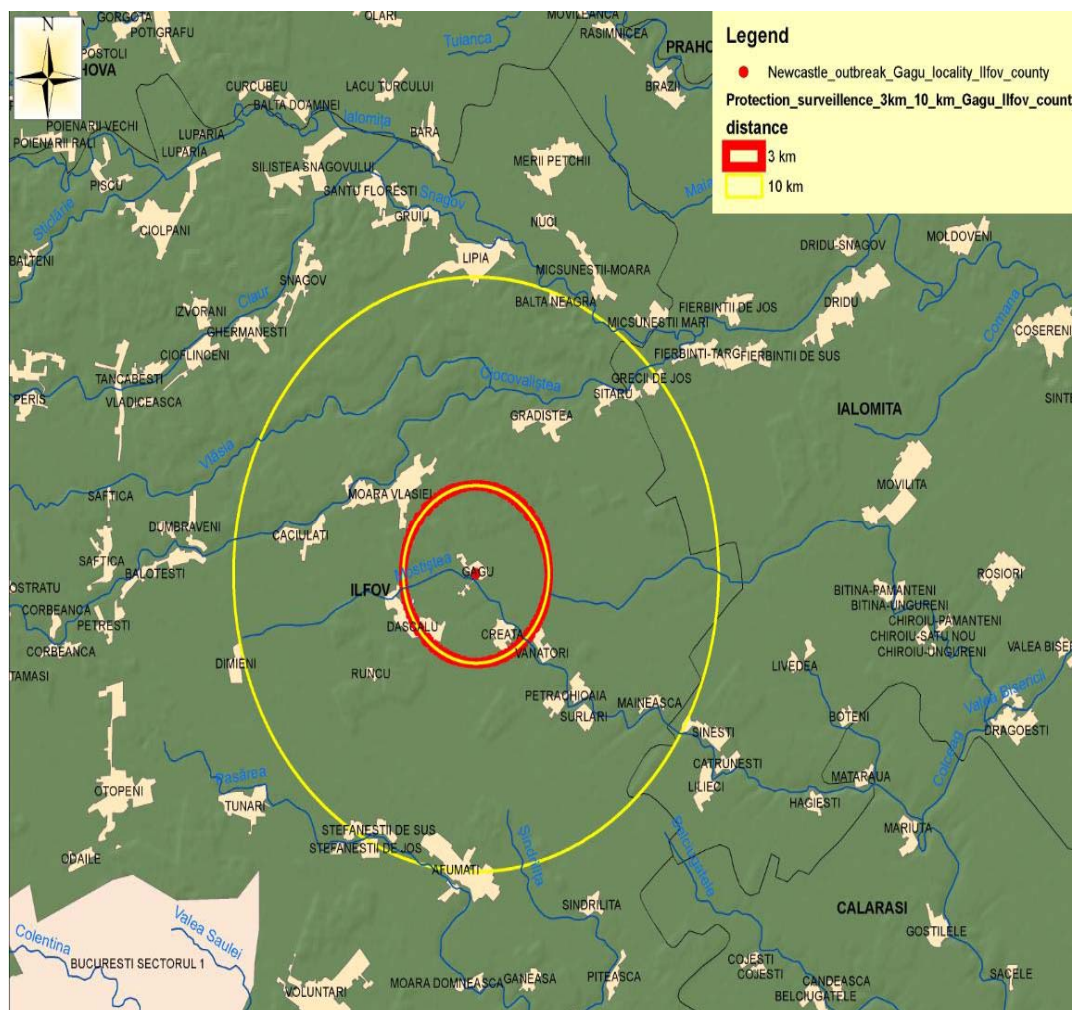
➤ **5th** outbreak confirmed on 23 Feb 2017 in **Mihaești** village, Argeș county for ND and HPAI H5N8 !

➤ **6th** outbreak confirmed confirmed on 23 Feb 2017 in **Mihaești** village, Argeș county for ND and HPAI H5N8 !



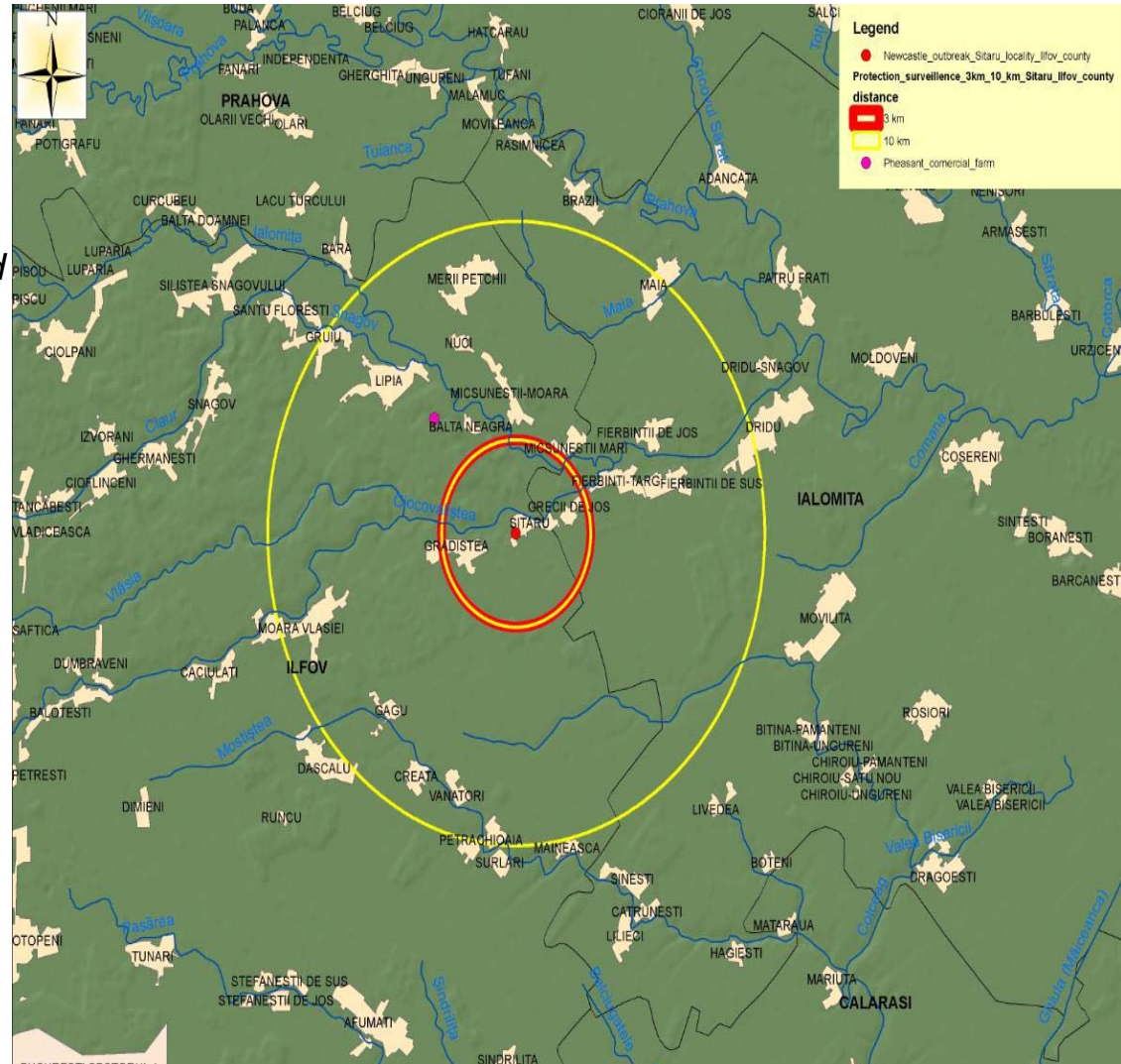
1st Outbreak - Gagu village, Dascalu-Ilfov

- *Date of suspicion:*
31st January 2017
- *Date of confirmation:* *1st February 2017*
(RT-PCR positive, tested in NRL)
- *Animals affected:* *16*
- *Animals culled:* *29*
- *Animals destroyed:* *45*



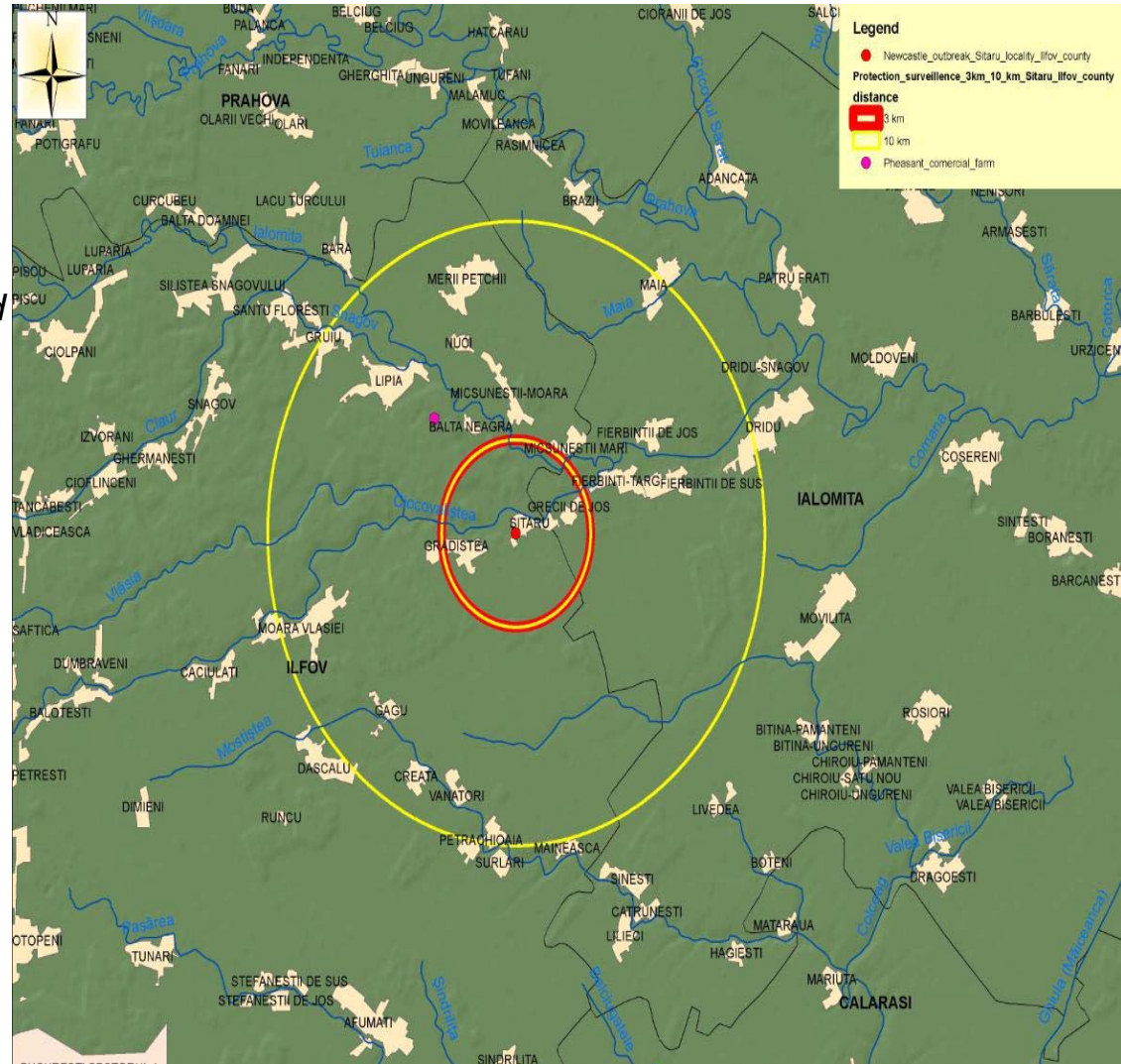
2nd Outbreak - Sitaru village, Gradistea-Ilfov

- *Date of suspicion:*
1st February 2017
- *Date of confirmation:* *2nd February 2017*
(RT-PCR positive, tested in NRL)
- *Animals affected:* **13**
- *Animals culled:* **6**
- *Animals destroyed:* **19**



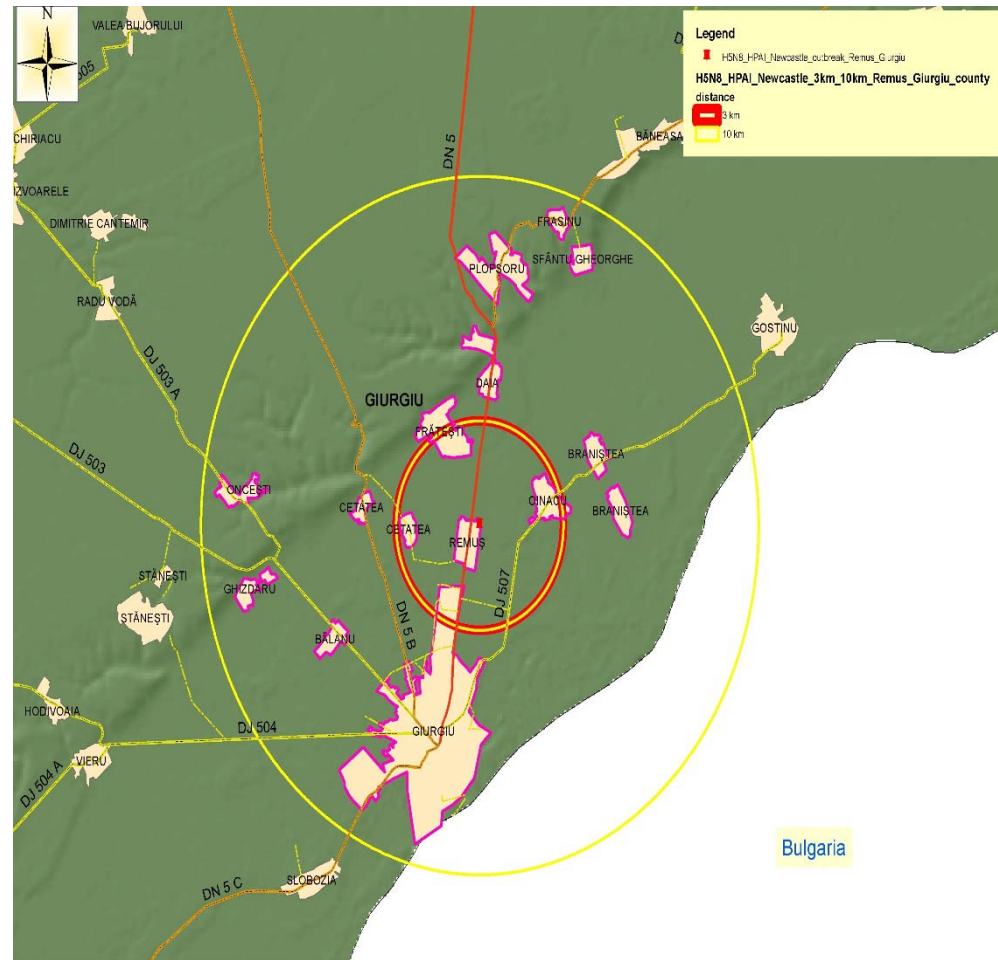
3rd Outbreak - Sitaru village, Gradistea-Ilfov

- *Date of suspicion: 1st February 2017*
- *Date of confirmation: 2nd February 2017*
(RT-PCR positive, tested in NRL)
- *Animals affected: 60*
- *Animals culled: 0*
- *Animals destroyed: 60*



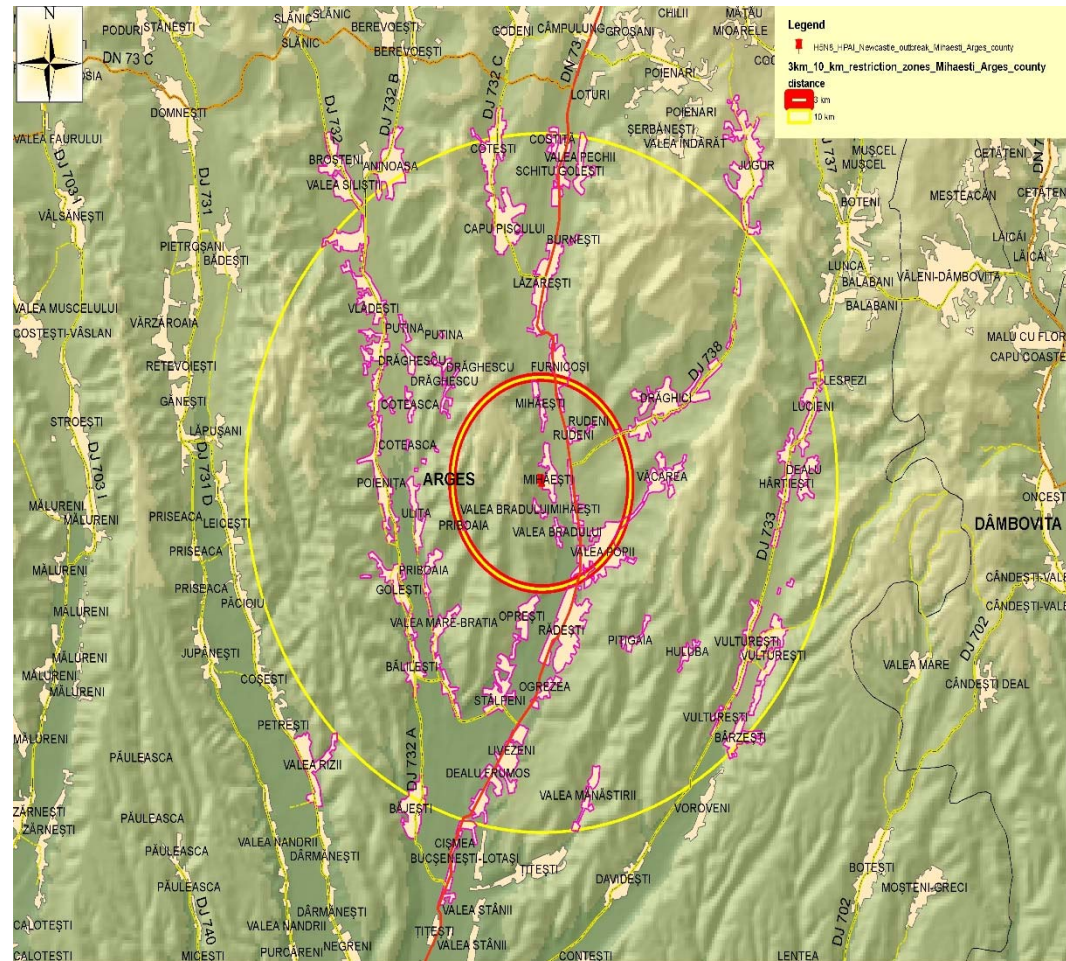
4rd Outbreak- Remus village, Frățești- Giurgiu

- **Date of confirmation HPAI H5N8:**
15th February 2017
(all tests made in NRL)
- **Date of confirmation ND:**
22nd February 2017
(RT-PCR positive, tested in NRL)
- **Animals affected: 39**
- **Animals culled: 31**
- **Animals destroyed: 39**



5th Outbreak and 6th Outbreak – Mihaești village, Mihăești- Argeș

- *Date of suspicion ND:*
13^{en} February 2017
- *Date of suspicion HPAI:*
15^{en} February 2017
- *Date of confirmation of HPAI H5N8 and ND:* **23 February 2017**
- *Animals affected:* **60**
- *Animals culled:* **7**
- *Animals destroyed:* **53**



Background & Epidemiology

In Romania, the birds are farmed:

- in **commercial holdings** (which meet strict biosecurity requirements being sanitary veterinary approved) and
 - in **noncommercial holdings/backyard** (birds are kept for their own consumption)
 - Since October 2016, all the outbreaks of ND were notified only in backyards.
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Background & Epidemiology

- **Previous outbreaks** : 10 Oct 2016 - Suseni village, Vaslui county (also backyard)
 - **Source/Origin**: unknown - most likely due to direct contact with wild birds.
 - **Whys**: no immunisation – vaccination was incomplete due to the growth system of birds in backyards and performing the action of vaccination with payment by owner. In Romania, the ND vaccination strategy includes a vaccination campaign in addition to backyards that are within a radius of 3 km around commercial farms. All outbreaks in 2017 are placed outside of 3 km radius of commercial holdings.
 - **Affected FBO**:
 - one comercial farm (pheasants) within the 10-km surveillance zone of **Sitaru** outbreaks and
 - one comercial farm (laying hens) within the 10-km surveillance zone of **Remus** outbreak.
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Official measures

- Measures provided for in Council Directive 92/66/EEC introducing Community measures for the control of NCD were enforced upon;
 - Restriction zones:
 - 3-km protection zone and
 - 10-km surveillance zone.
 - Cleansing and disinfection of the affected backyards, premises and surroundings;
 - Ban of movements and trade of birds and products thereof in the protection and surveillance zones;
 - Clinical surveillance.
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Follow-up

■ Ongoing

- ❑ Viral strain isolation
 - ❑ Genomic identification and characterisation.
 - ❑ Census of all holdings having poultry in the restriction zones
 - ❑ Periodic visits to all the holdings having poultry, and clinical examination of those poultry
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Thank you !
