



REPUBLIC OF BULGARIA
MINISTRY OF AGRICULTURE FOOD AND FORESTRY
BULGARIAN FOOD SAFETY AGENCY

Newcastle disease in poultry Bulgaria

PAFF, Brussels, 18-19/09/2017



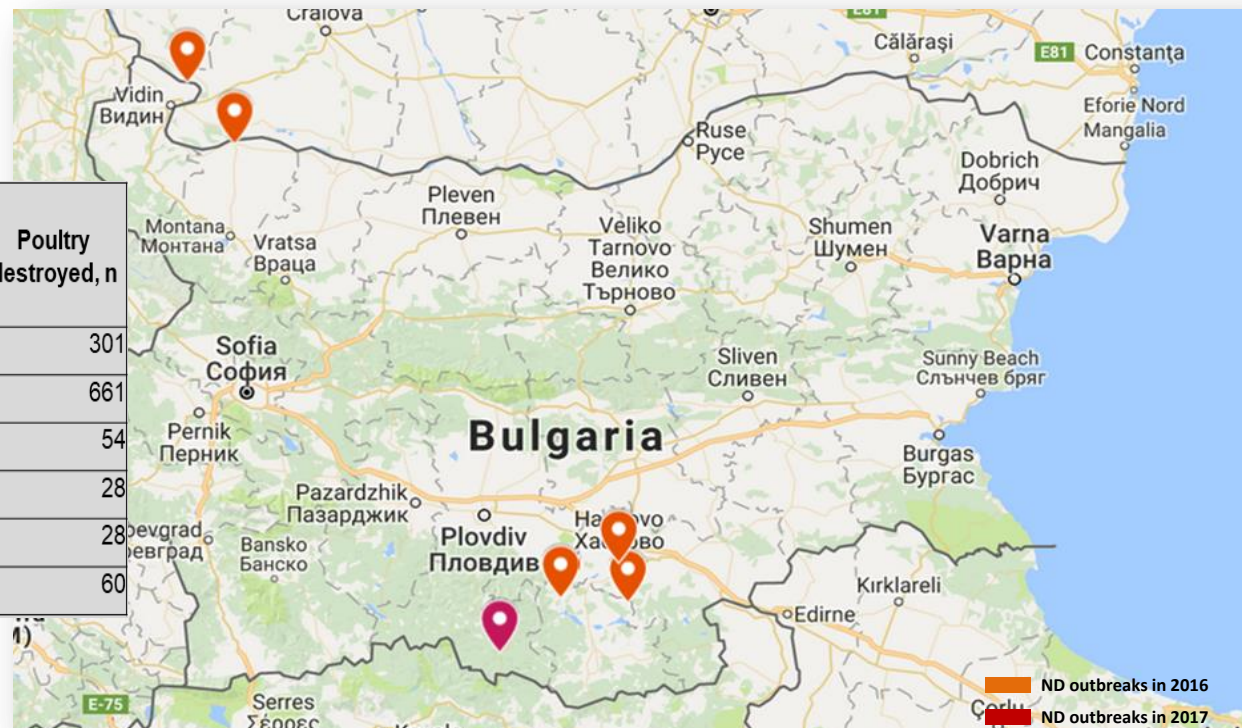


Background

- National programme for control of ND.
- Vaccination policy applied - commercial poultry farms; one day old poultry, captive birds and pigeon farms;

Previous outbreaks - 2016 – 2017:

ADNS No	Region	Settlements	Date of lab confirmation	Poultry destroyed, n
2016/1	KARDJALI	Nenkovo	05/02/2016	301
2016/2	KARDJALI	Rudina	23/02/2016	661
2016/3	HASSKOVO	Balkan	11/03/2016	54
2016/4	MONTANA	Lom	26/10/2016	28
2016/5	VIDIN	Gomotartsi	27/12/2016	28
2017/1	SMOLYAN	Rudozem	17/03/2017	60





Summary of outbreak

- 30/08 suspicion, sampling;
- 01/09 confirmation of ND by RT-PCR in NRL; establishment of restriction zones and enforcement of all restrictions and necessary measures according to Directive 92/66/EEC;
- reporting ADNS and WAHIS (OIE);

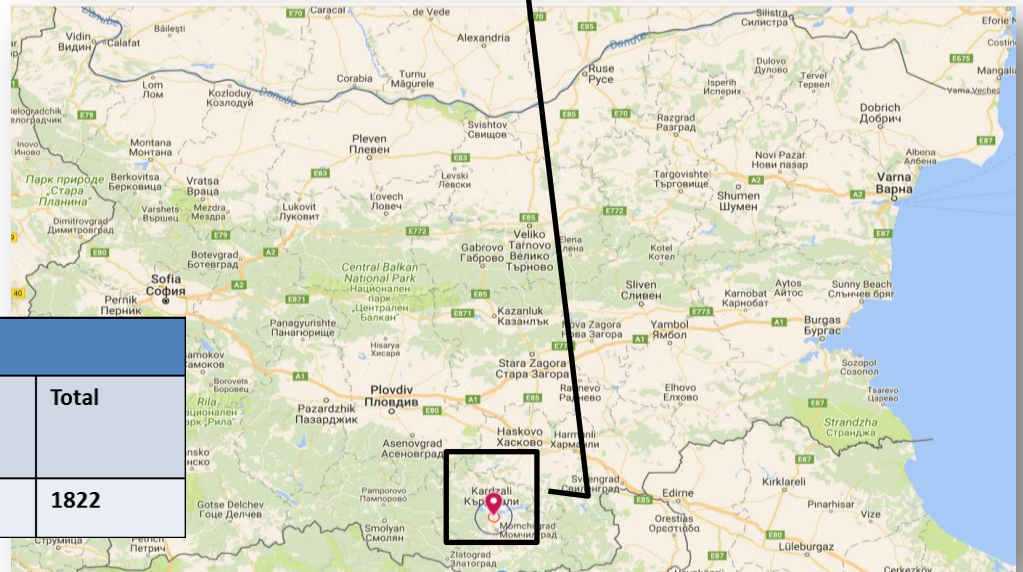
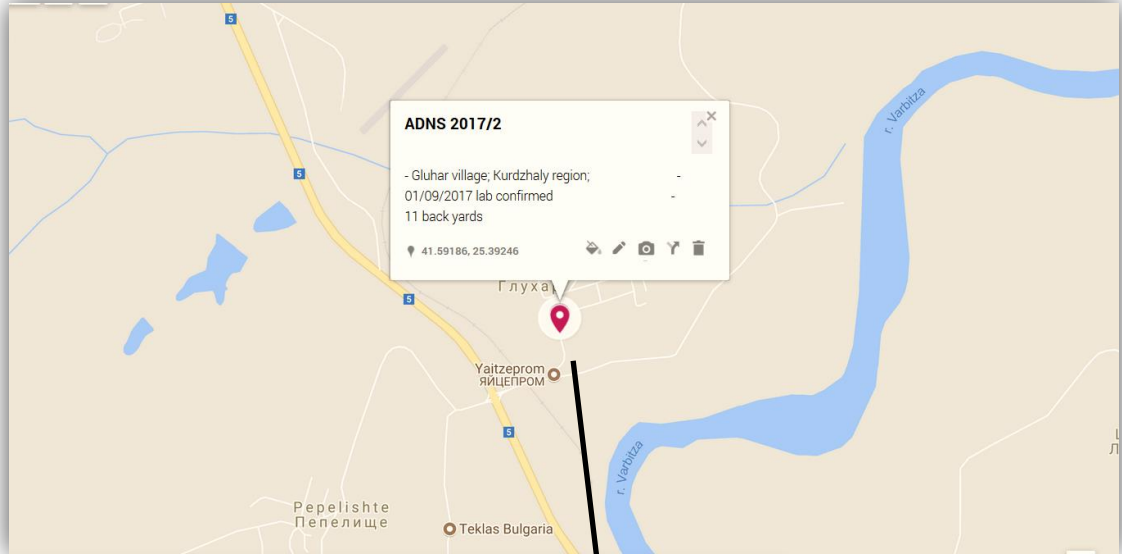


- 05/09 culling of all birds; disposal by burial; preliminary cleaning and disinfection;
- 12/09 final cleaning and disinfection
- 13/09 vaccination of all backyard poultry located in the 3 km protective zone;
- 2/10 plan lifting protection zone;
- 12/10 plan lifting all restrictions;



ND outbreak in Bulgaria

- The outbreak :
 - 11 back yards;
 - 157 died;
 - 1882 poultry in the affected village
- Symptoms: higher mortality rate, the clinical signs manifested and the pathologic-anatomical findings
- Analysis: Organ samples from dead hens were analyzed by RT-PCR (F gene detected) Further virus sequencing and genome typing is expected (by EU RL for ND)



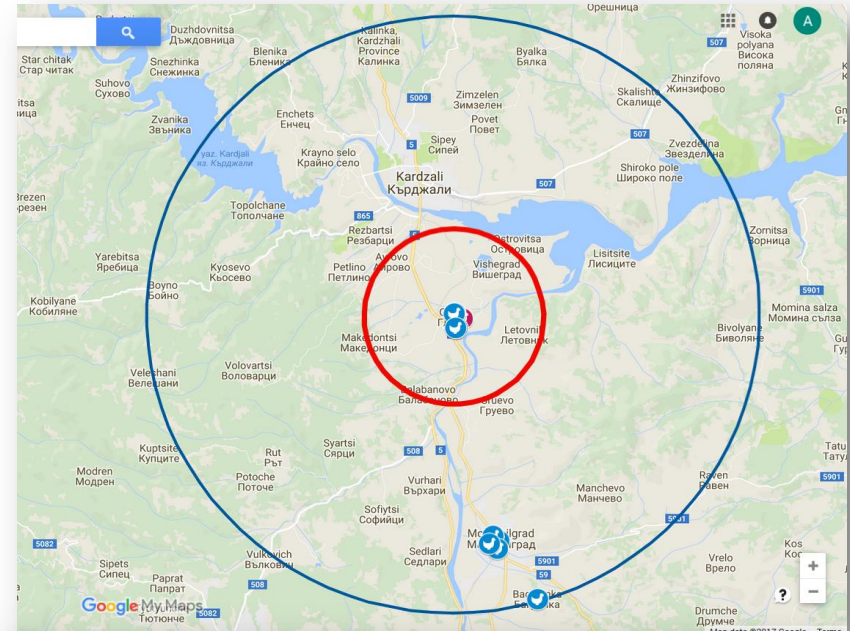
Poultry culled and destroyed

Hens	Roosters	Helmeted guineafowl	Common quail	Duck	Pigeons	Total
1487	96	1	6	25	50	1822



Measures and Information

- Protection zone (3 km) and surveillance zone (10 km);
- Stamping out, disposal of dead animals and products, cleaning and disinfection tracing and recalling of product’;
- No movement of live poultry, hatching eggs and not-heated poultry products from restriction area ;
- No export of live poultry, hatching eggs and non-heated poultry products from restriction zones - 3 municipalities (Kurdzhali, Momchilgrad, and Dzhebel)
- Enhanced clinical surveillance;
- Written information to: European Commission and MSs;
- 9 commercial farms (with 180 000 poultry in total) and back yards restriction zones: in 3 -km protection zone (4 holdings) and in 10 -km surveillance zone (5);
- Vaccination campaign in all back yard poultry in 3 km zone area around the outbreak .
- The source of infection for the outbreak in the confirmed farms is not known at present ;



Surveillance in 3km and 10 km restriction zones

Zones	Municipality	Settlements, n	Poultry holdings, n	Commercial holding s, n	Poultry , n
3 km zone	Kurdzhaly, Momchilgrad	10	631	4	5545
10 km zone	Kurdzhaly, Momchilgrad, Dzhebel	55	1582	5	14958

Poultry vaccinated in 3 km zone

Settlements, n	Back yards, n	Hens	Turkey	Helmeted guineafowl	Common quail	Goose	Pigeons
9	218	4421	159	111	14	45	384

In case there would be any further suspicions, or further confirmed outbreaks, measures will be taken accordingly



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Thank you for attention!

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