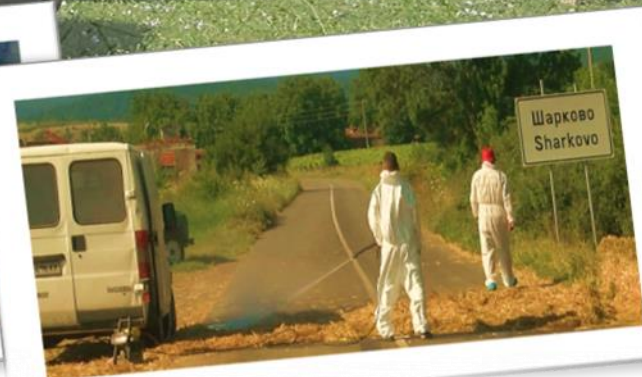
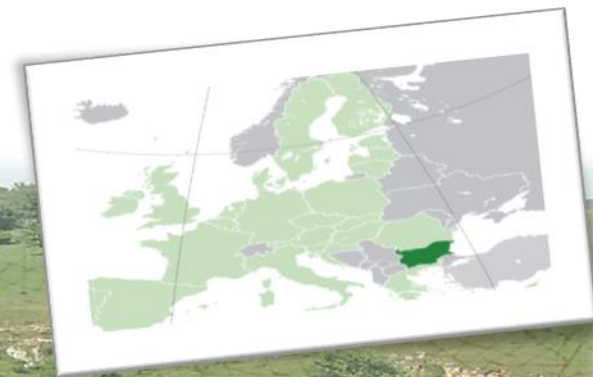
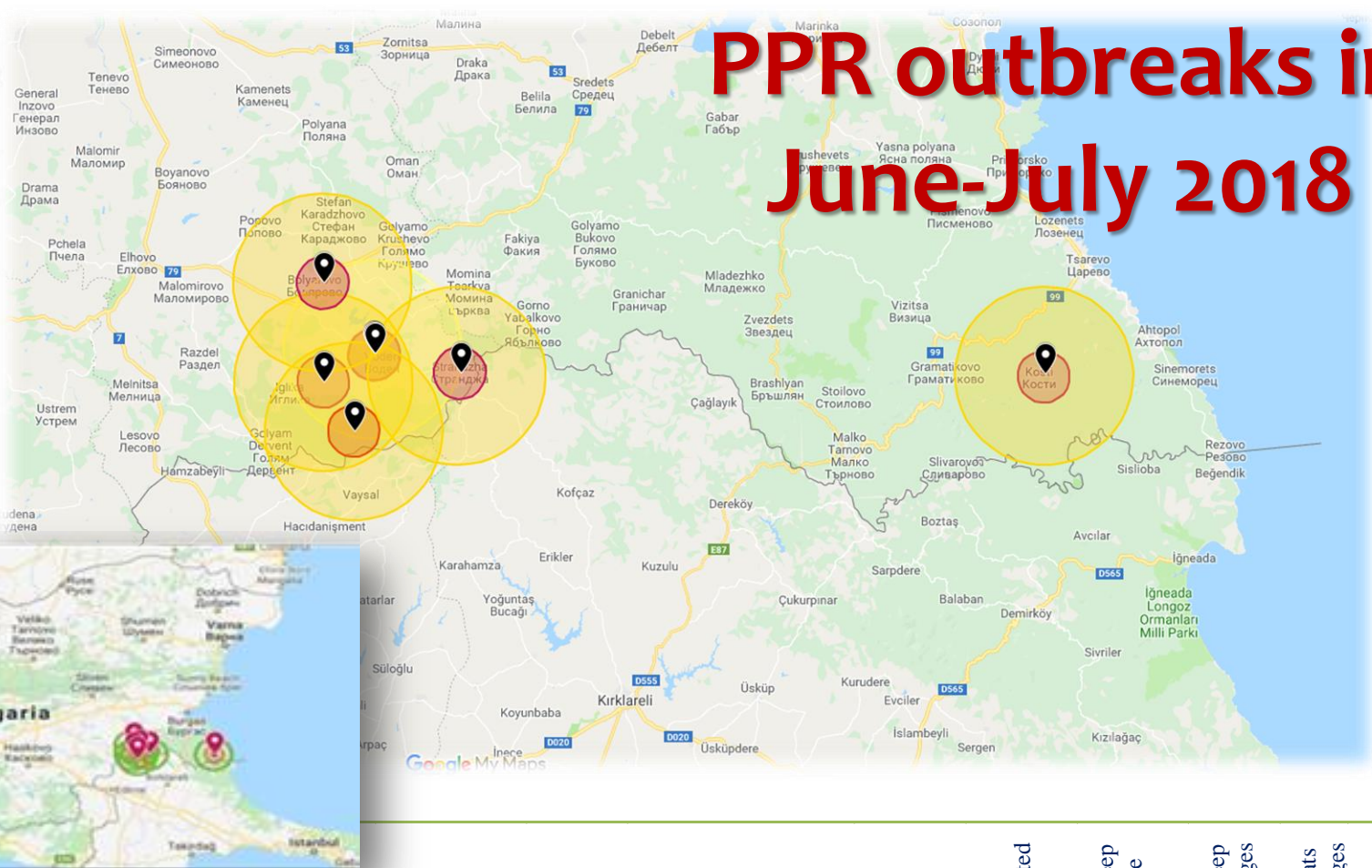


Peste des Petits Ruminants – current situation in Bulgaria

SCoPAFF, 11 Dec 2018



PPR outbreaks in June-July 2018



ADNS No	Region	Municipality	Village	Date of confirmation	Number of animals positive for PPR V1 infection	Total number of animals in the affected farms	Total number of sheep and goat farms in the affected villages	Total number of sheep in the affected villages	Total number of goats in the affected villages	Total number of animals culled in the affected villages
1	Yambol	Bolyarovo	Voden	19.06.2018(NRL) 23.06.2018 (EURL)	4	603	21	1057	351	1408
2	Burgas	Tsarevo	Kosti	28.06.2018 (NRL)	1	184	7	415	123	538
3	Yambol	Bolyarovo	Sharkovo	09.07.2018	2	311	16	1317	93	1410
4			Krainovo	09.07.2018	4	671				
5	Yambol	Bolyarovo	Krainovo	09.07.2018	2	38	3	155	22	177
6	Yambol	Bolyarovo	Strandzha	09.07.2018	2	41	4	171	4	175
7	Yambol	Bolyarovo	Bolarovo	18.07.2018	1	203	8	1262	159	*

Measures undertaken

Based on Directive 92/119 and national contingency plan:

- * Culling and burial of all susceptible animals in the affected villages.
- * Establishment of protection (3 km) and surveillance (10 km) zones around the affected villages
- * Sampling of small ruminants for serological and virological surveillance in all villages in the protection and surveillance zones. Target: detection of 5% with 95% confidence. Village is taken as epidemiological unit.
- * Clinical examinations in all holdings with small ruminants in the municipalities bordering Turkey .
- * Numerous of disinfections in the affected villages
- * Ban of movement of susceptible animals within and from the zones.

Further measures undertaken (1)

- ❖ 05/07/2018 CID (EU) 2018/954 of 4 July 2018 laying down certain protective measures in order to prevent the spread of Peste des Petits Ruminants in Bulgaria.
 - prohibited dispatch of small ruminants, as well as semen, ova and embryos of small ruminants from the affected areas to other parts of the country and other EU member states and third countries.
 - prohibited the placing on the market of certain commodities except some derogations as specified in this Decision.
- ❖ CID (EU) 2018/1499 of 8 October 2018 amending CID (EU) 2018/954 – measures extended to entire territory of the regions of Burgas, Yambol and Haskovo

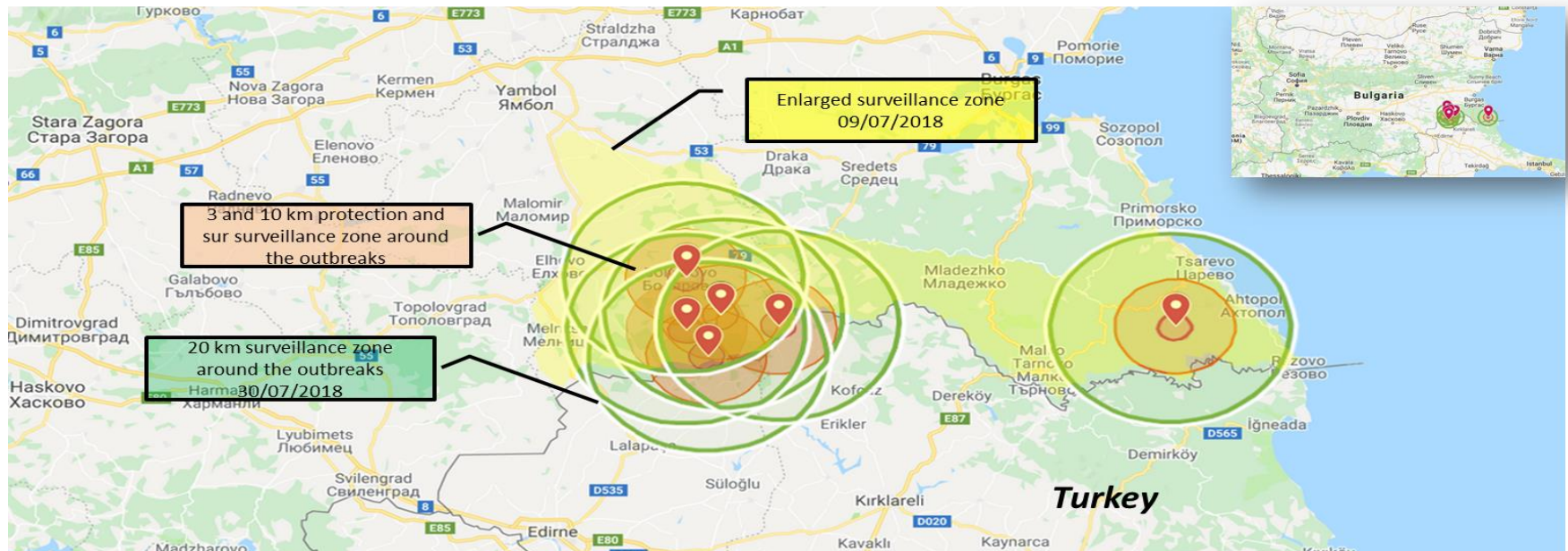


Map 2– restriction zone, according to the CID 2018/954/EK

Region	Municipality	Small ruminants holding, n	Small ruminants, n
Burgas	Sredets	297	17 283
	Sozopol	186	9 528
	Primorsko	142	7 844
	Small Tarnovo	162	3 131
	Tsarevo	237	4 057
Yambol	Bolyarovo	261	7 718
	Elhovo	569	14 009
Total:		1 854	63 570

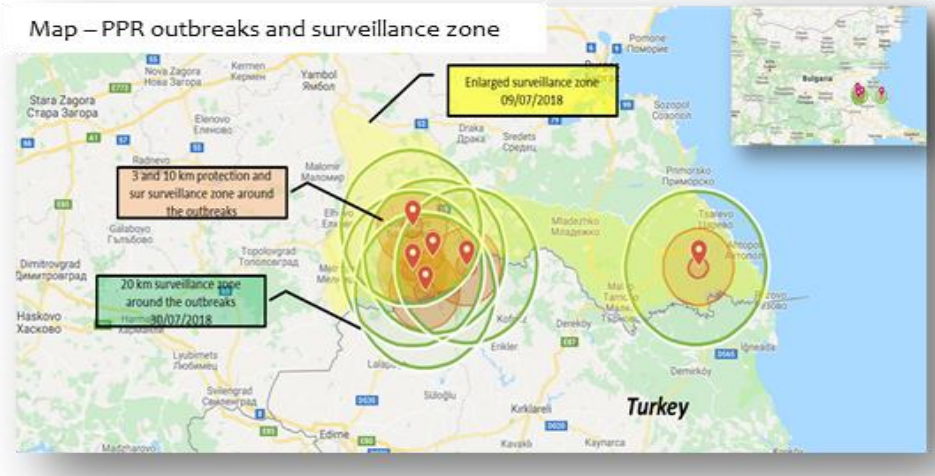
Further measures undertaken (2)

- * Active surveillance (clinical examination and serological and virological sampling)
Target: detection of 5% with 95% confidence. Village considered to be an epidemiological unit.
 - in protection (3 km) and surveillance (10 km) zones around the affected villages.
 - enlarged surveillance zone covering the municipality along the border (established on 09/07/2018)
 - In 20 km zone around the affected villages (30/07/2018 – 3/08/2019)



Map – PPR outbreaks and surveillance zones

Further measures undertaken (3)



Laboratory surveillance of PPR (July – Aug, 20 km zones)

Region	Municipality	Serologically sampled animals, n	Virologically sampled animals, n
Yambol	Bolyarovo	4328	4328
	Straldzha (10 or 20 km zone)	740	740
	Elhovo	4598	4598
	Tundsha (10 or 20 km zone)	301	301
Burgas	Tsarevo	1278	1887
	Malko Tarnovo	1488	1488
	Sredets	2823	2823
	Promorsko	278	278
Haskovo	Pomorie	60	60
	Topolovgrad	417	417
Total		16311	16920

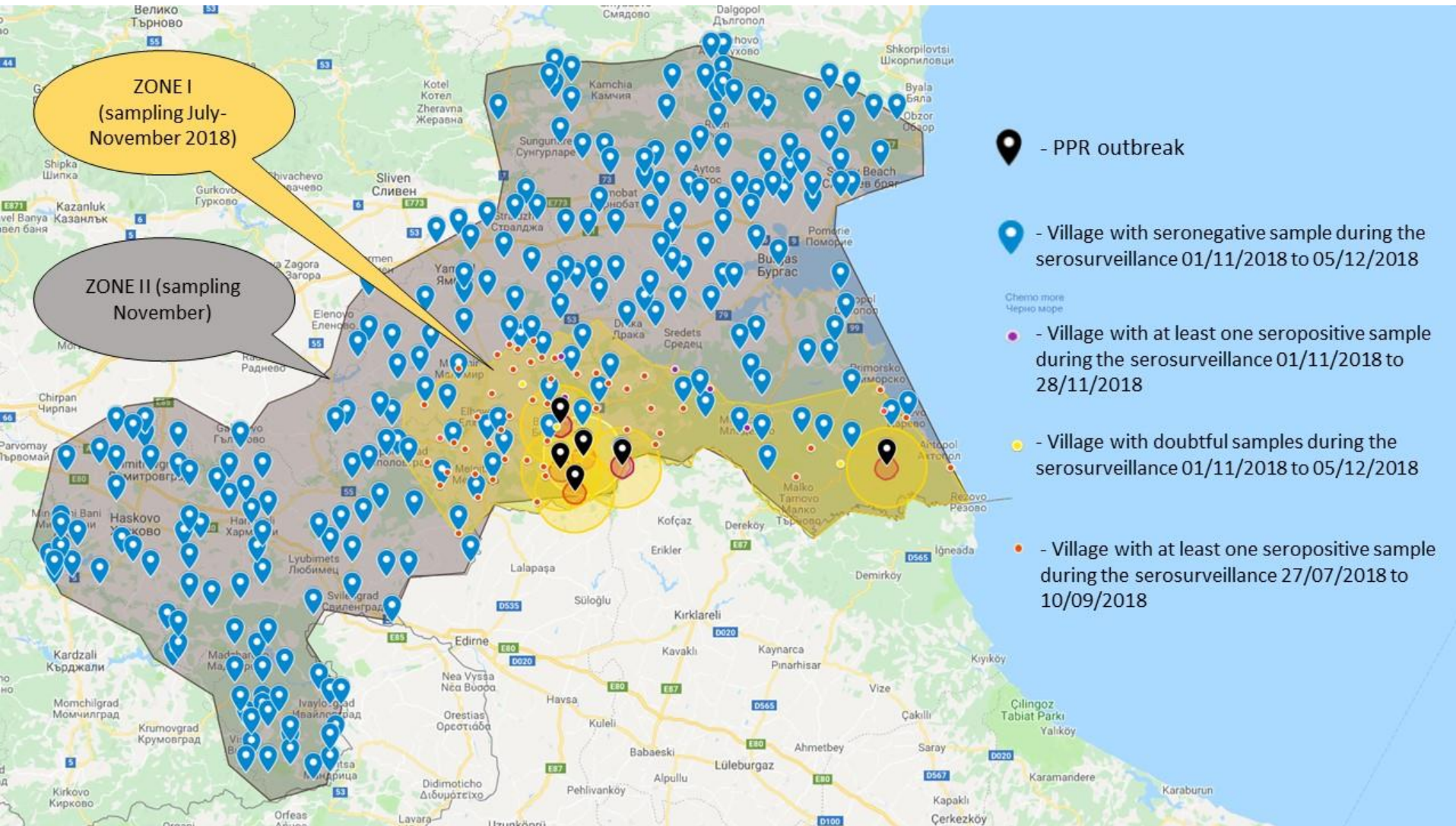
- 102 positive/doubtful > 94 confirmed positive by EURL
- Extended surveillance in Aug-Sept 2018

Further measures undertaken (4)

Enhanced surveillance in Yambol, Burgas and Haskovo regions:

- 249 villages (epi-units)
- Clinical examinations
- 30 samples per epi-unit (10% prevalence, 95% confidence)
- Sampling of small ruminants showing clinical signs for virological testing

Results from the serological surveillance



Results from the serological surveillance Nov 2018

Region	Municipality	Village	Positive	Doubtful	Type of animal
Burgas	Sredets	Panchevo	1	0	sheep
		Bogdanovo	1	0	sheep
	Malko	Mladezhko	1	0	goat
	Tarnovo	Gramatikovo	0	1	sheep
Yambol	Bolyarovo	Stefan Karadzhovo	2	0	sheep
	Straldzha	Polyana	1	0	sheep
	Elhovo	Zhrebino	0	1	sheep
	Bolyarovo	Bolyarovo	0	1	sheep
Total:			6	3	

Number of seropositive and doubtful samples in the villages concerned

- 7 203 samples were tested, 6 seropositive, 3 doubtful
- No clinical signs suggesting PPR observed during the clinical examinations and sampling
- No evidence for virus circulation
- Measures are being enforced to remove the seropositives from the herds



Thank you!

Bulgarian Food Safety Agency
15A Pencho Slaveikov blvd.
1606 Sofia, Bulgaria
tel.: 00359 2 915 98 20
e_mail: d_iliev@bfsa.bg; ceo@bfsa.bg

Animal Health Department
tel.: 00359 2 915 98 42
e_mail: ahwfc@bfsa.bg;
<http://babh.government.bg/bg/Page/ah/index/ah/Здравеопаз>