



Update from Lithuania on the epidemiological situation, control and surveillance measures applied as regards African swine fever

State Food and Veterinary Service

2017-03-02, PAFF

ASF cases in wild boar 2014-2016



2014: 45 place
(hunted 22, dead 54)

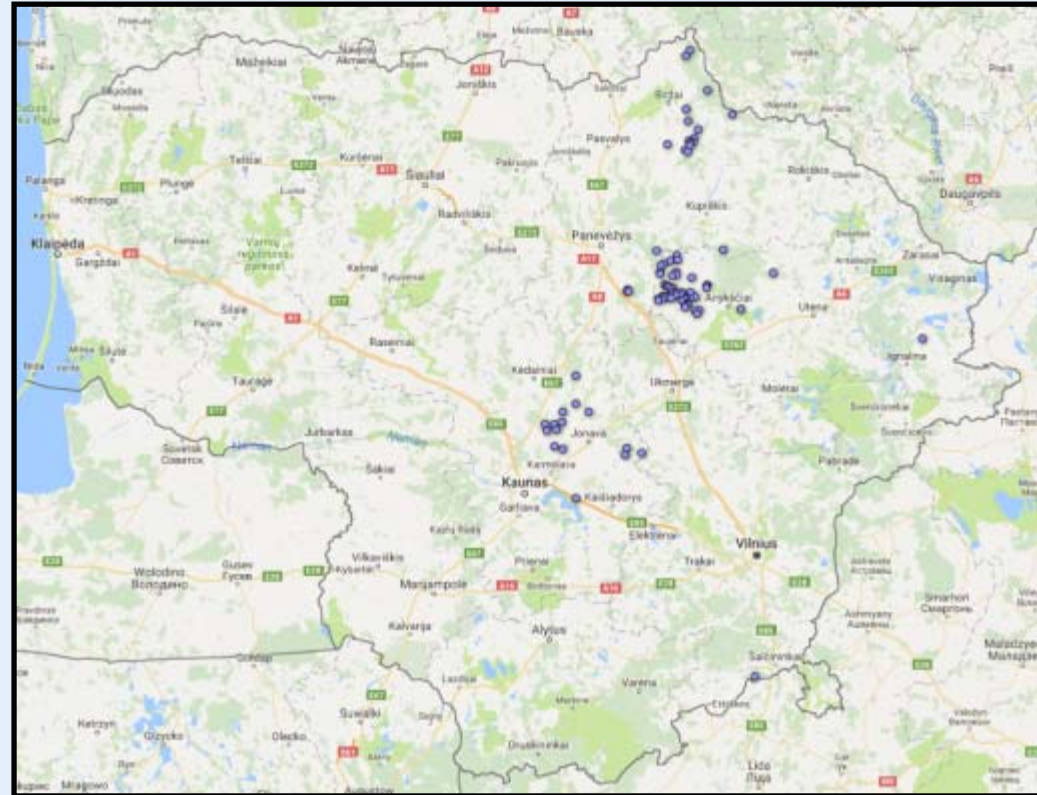
2015: 111 place
(hunted 73, dead 59)

2016: 303 place
(hunted 99, dead 379)



ASF cases in wild boar 2017

2017: 89 places
(hunted 16, dead 168)



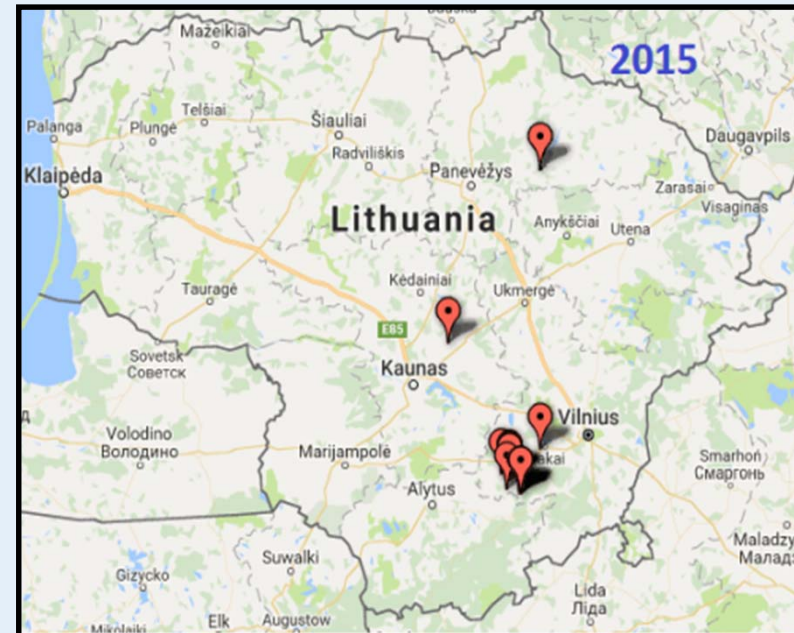
Surveillance in wild boar 2014-2017

Year	Active surveillance			Passive surveillance		
	Tested	Positive	Prevalence	Tested	Positive	Prevalence
2014	PCR - 22366	23	0,11 %	223	54	24%
	IFA – 7934	1	0,012 %			
2015	PCR-24184	66	0,27 %	195	59	30%
	IFA – 7219	23	0,32 %			
2016	PCR-17165	48	0,27%	785	378	49%
	IFA –9635	21	0,22 %			
2017 Jan-Feb	PCR - 3712	9	0,242%	191	168	87,95 %
	IFA - 3201	10	0,312 %			

ASF outbreaks in domestic pigs: 2014-2016



2014: **6 outbreaks** (1 in commercial farm (24.07.2014), 5 in non-commercial farms)

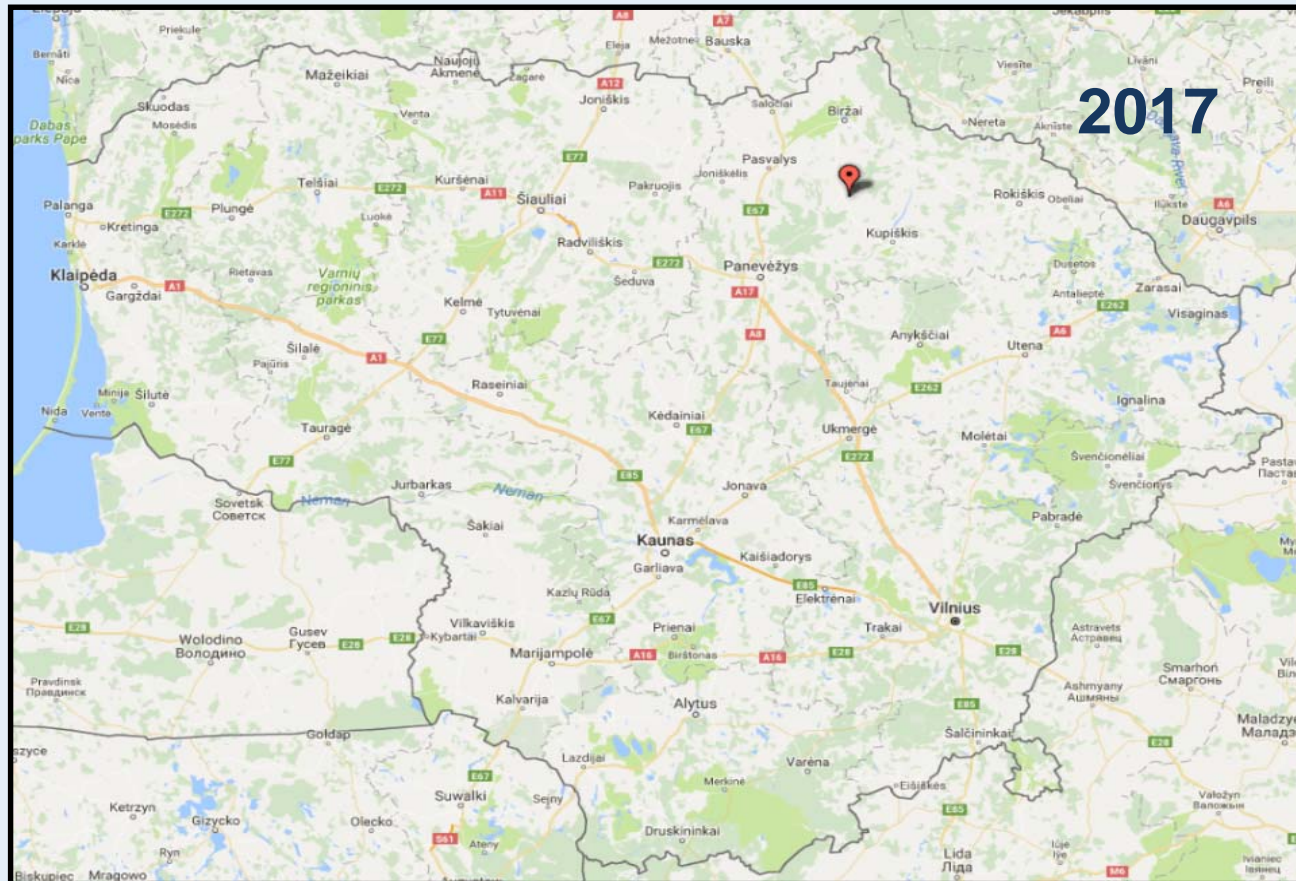


2015: **13 outbreaks** (in non-commercial farms)



2016: **19 outbreaks** (in non-commercial farms)

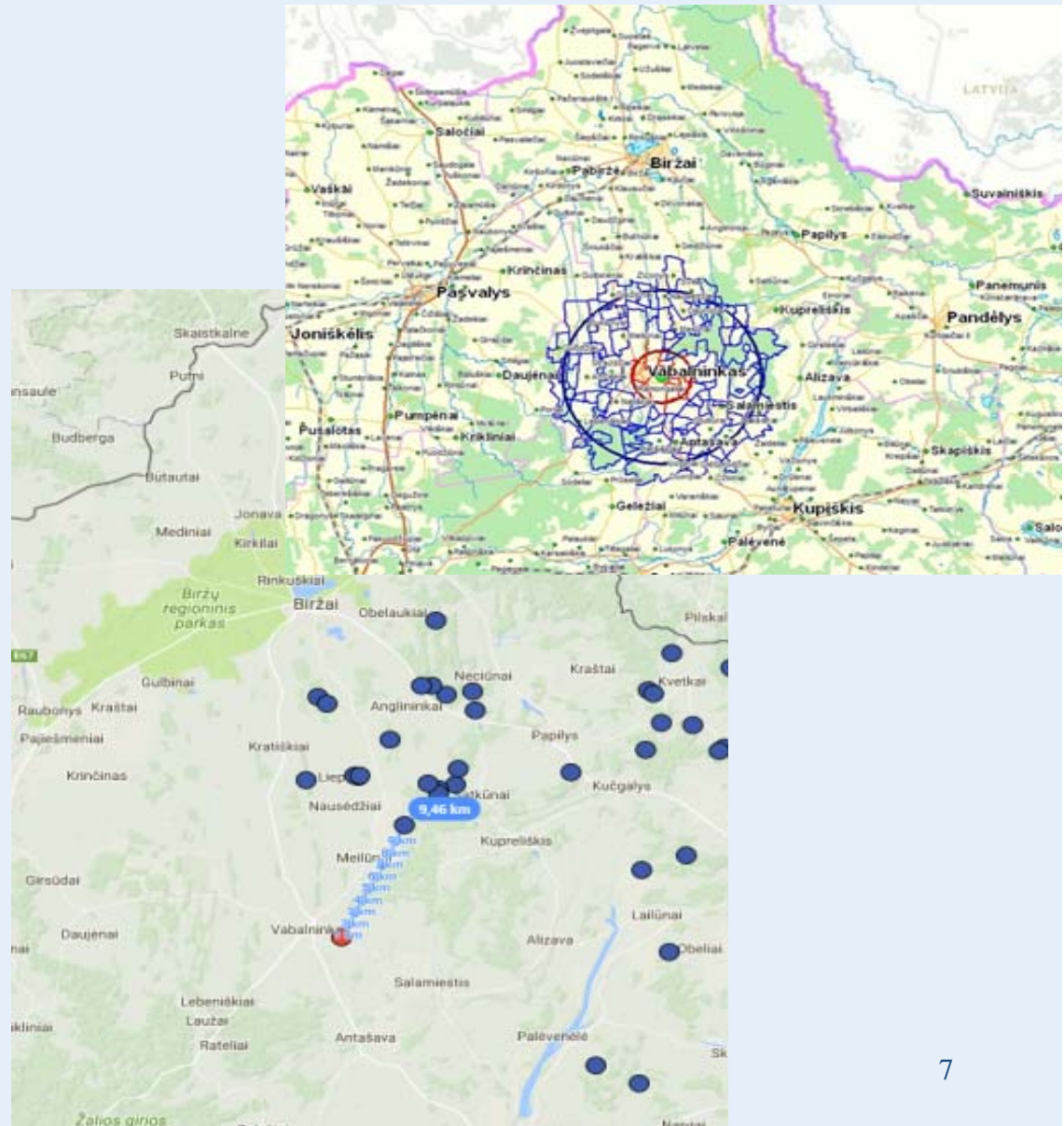
ASF outbreaks in domestic pigs: 2017



2017 - 1 outbreak in non-commercial farm.

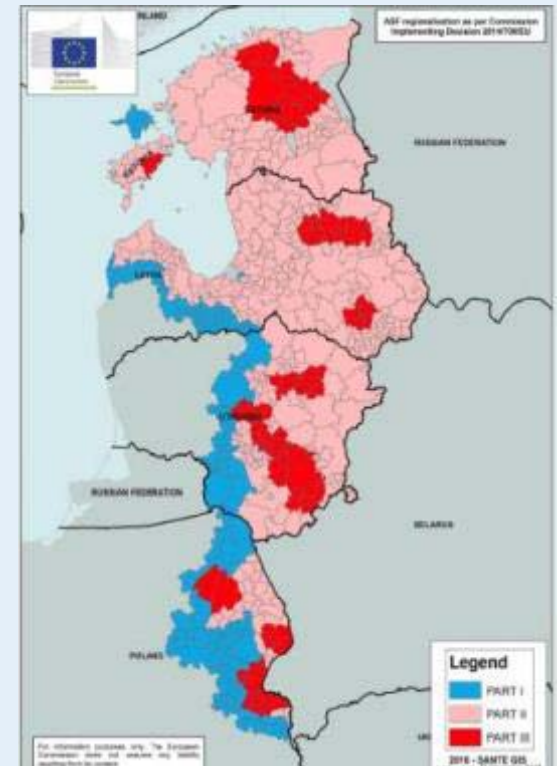
First outbreak in domestic pigs (2017/1)

- Virus has been confirmed in a non-commercial farm with 3 pigs (3 month of an age);
- The farm is located in the restricted area listed in Part II of the Annex of the Commission Implementing Decision 2014/709;
- ASF have been confirmed using RT-PCR on **2 February 2017**.
- The closest case in wild boar has been found in the distance of 9,5 km.

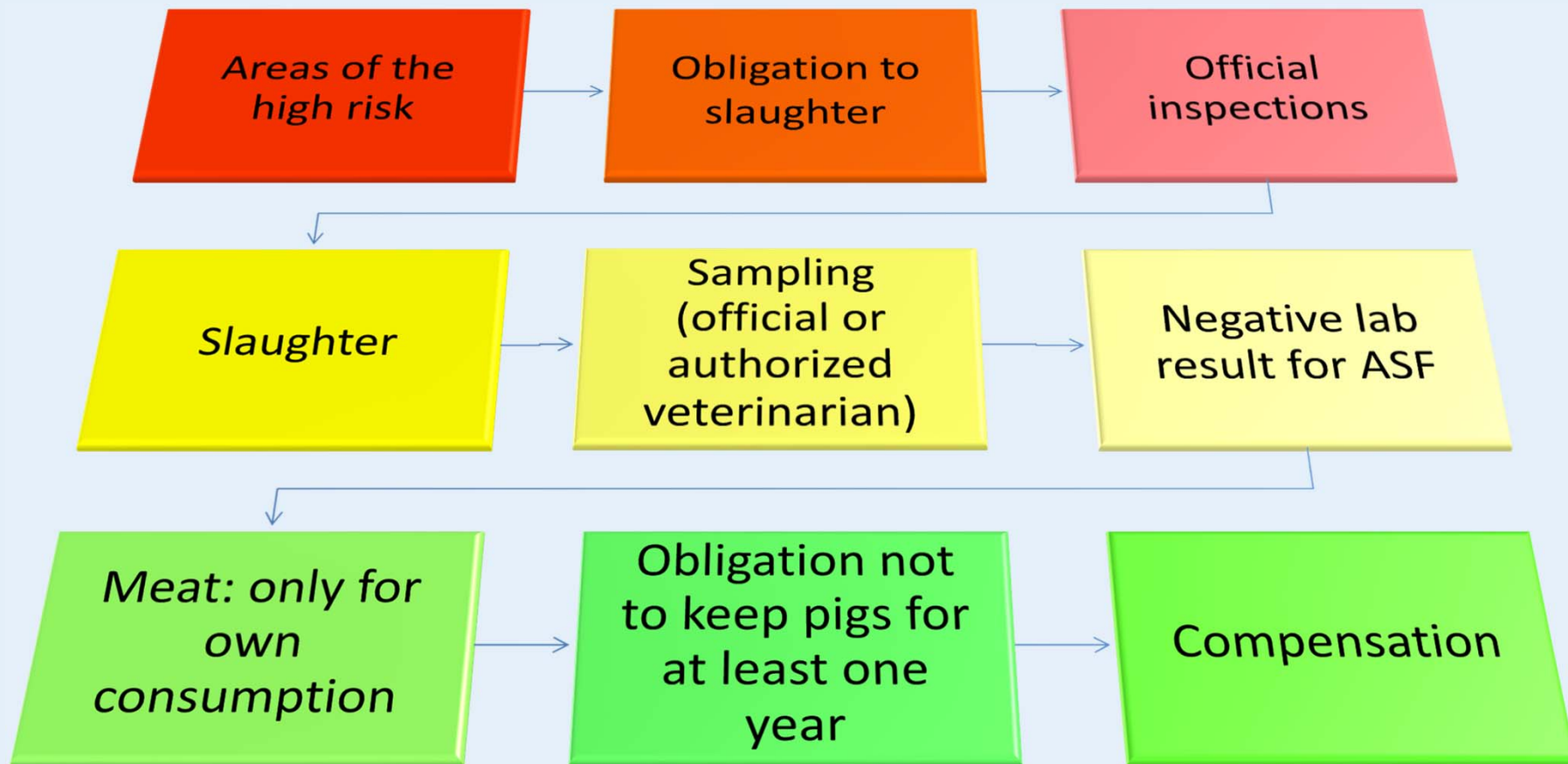


Control measures in line with EU legislation

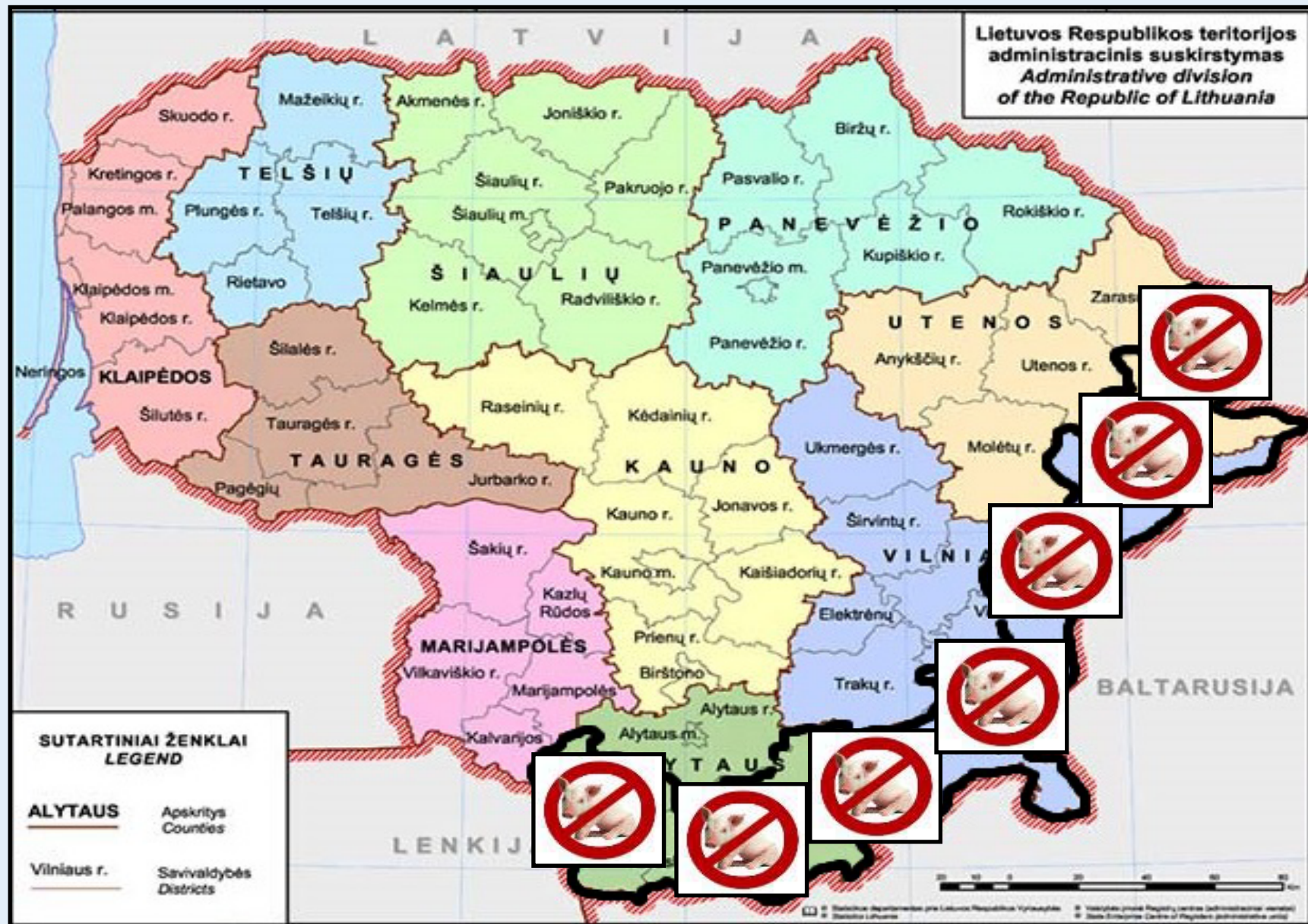
- Eradication of the outbreaks - in accordance with the Directive 2002/60/EC;
- Trade / movement restrictions in accordance with the Commission Implementing Decision 2014/709/EC and national legal acts;
- National eradication plan for ASF control in wild boar approved by the European Commission;
- Surveillance programme for ASF in line with the ASF Strategy for Eastern Part of the EU;
- National measure - **preventive slaughter of pigs** in non-commercial farms in order to minimize the risk of further spread of ASF;
- Biosafety control in pig farms including ban of all pig markets in the entire country and ban of outdoor keeping.

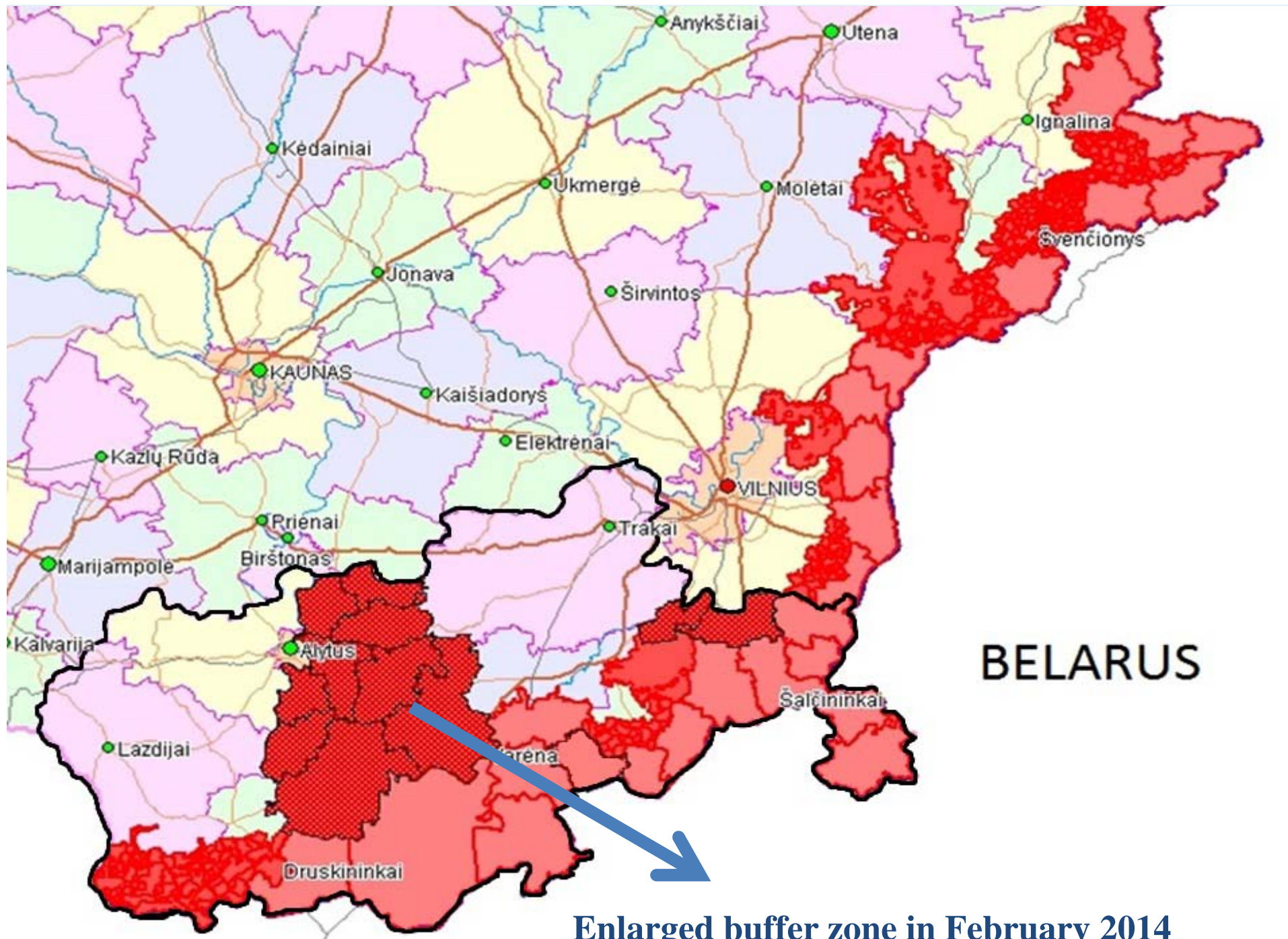


Additional preventive measure – early slaughter of pigs



Buffer zone close to the BY border from 2013



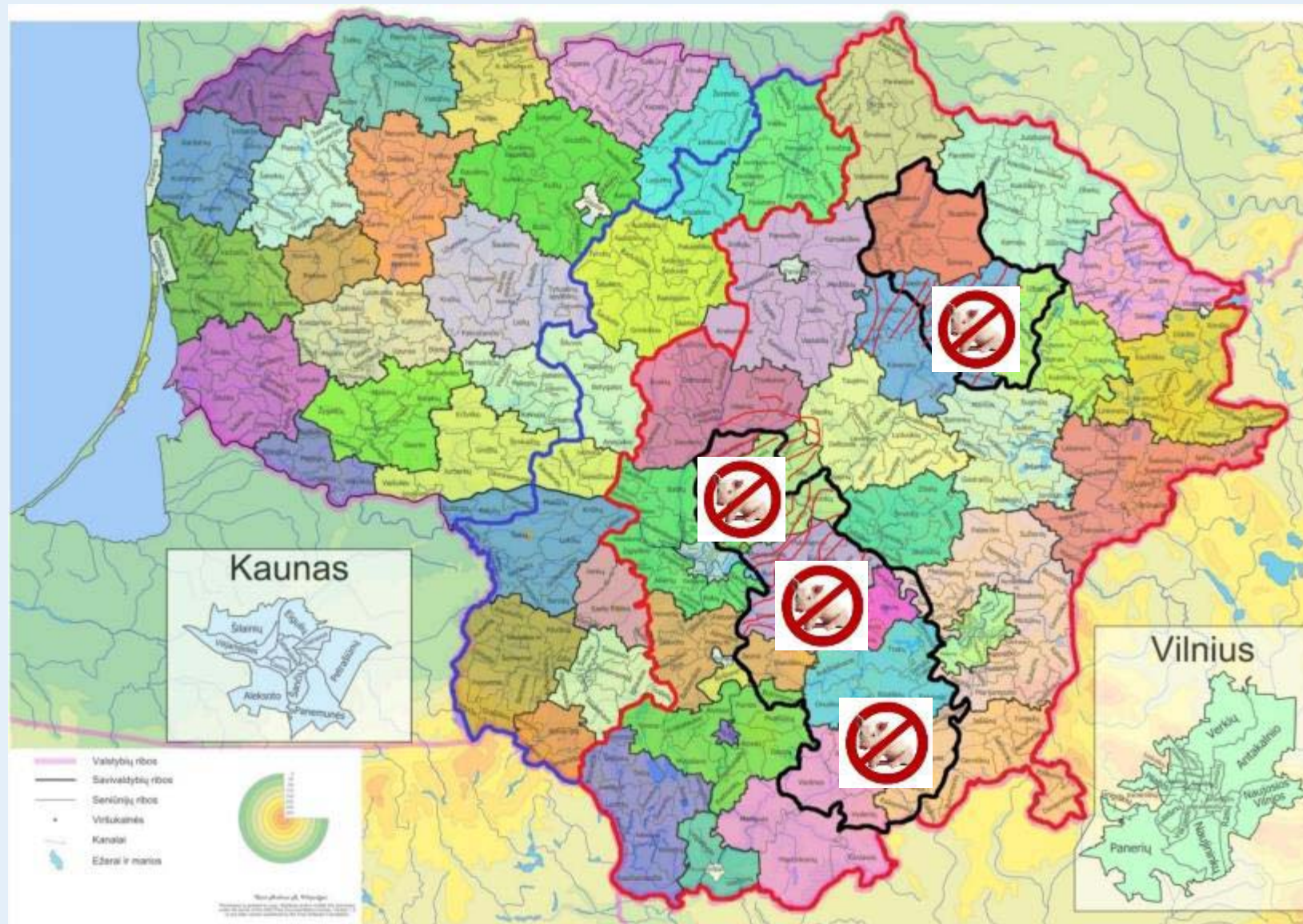


Enlarged buffer zone in February 2014

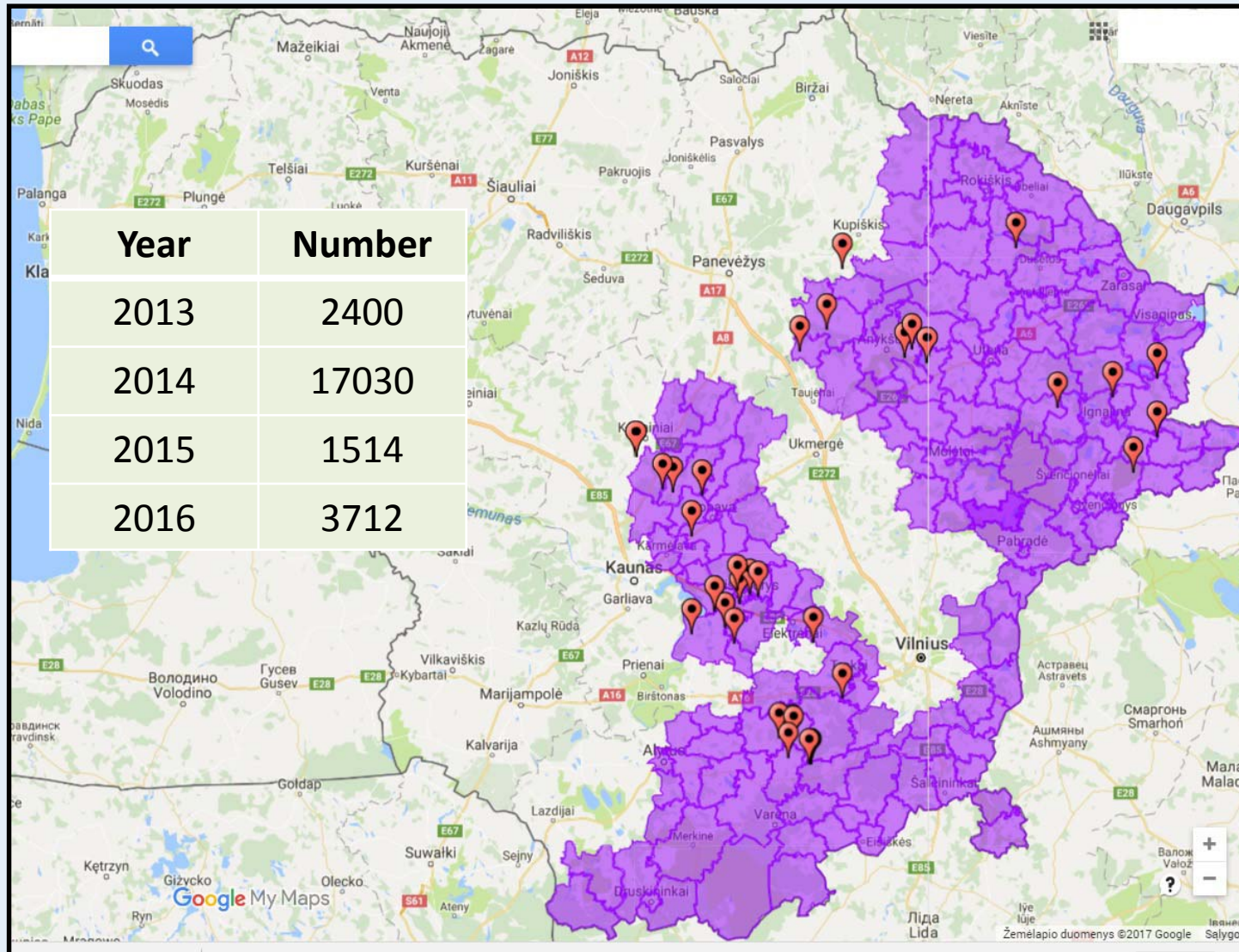
Enlarged buffer zone since October 2014



Regions were total depopulation (preventive slaughter) was performed in 2015-2016



Preventive slaughter (2013-2016)



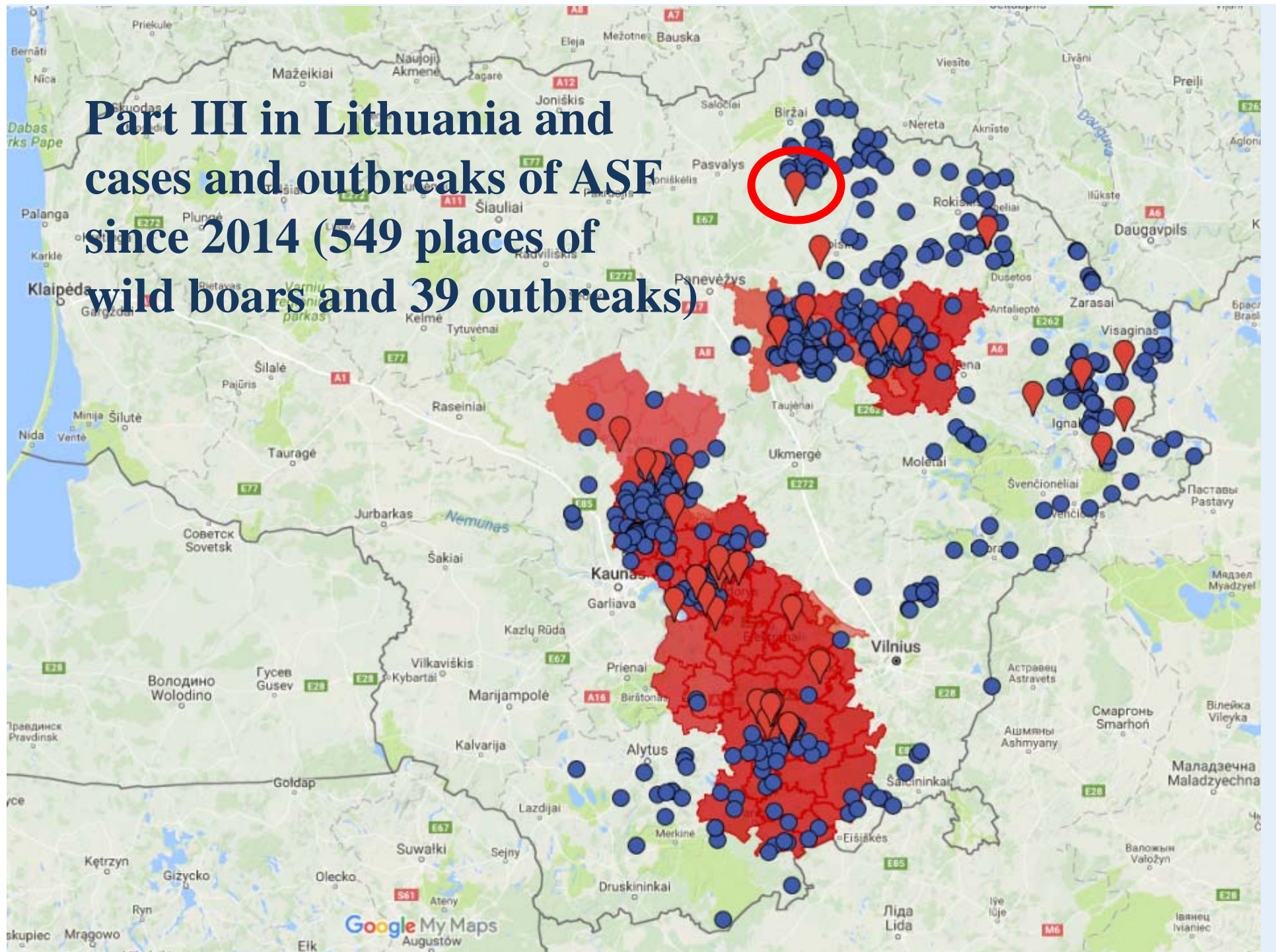
Surveillance in domestic pigs 2014-2017

Year	Active surveillance			Passive surveillance		
	Tested	Positive	Prevalence	Tested	Positive	Prevalence
2014	PCR -26589	116	0,44 %	60	10	16%
	IFA – 22981	1	0,004 %			
2015	PCR-23602	14	0,06 %	176	19	11%
	IFA – 21613	0	0 %			
2016	PCR - 5010	18	0,36 %	195	30	15%
	IFA – 13616	3	0,02 %			
2017 Jan. – Feb.	PCR -351	0	0 %	17	2	11,76%
	IFA – 1002	0	0 %			

Surveillance activities in the non-commercial farms in the Part III in 2015 - 2016

- In total **7102 pigs** have been tested using ELISA method and **7611 early slaughtered pigs** have been tested by PCR, **65 samples** have been received during enhanced passive surveillance.
- All samples have been tested with negative to ASF results, farmers received compensation and obligation for at least one year do not raise a pigs.
- New holdings in the area can be established only if they fully comply to national biosecurity rules.

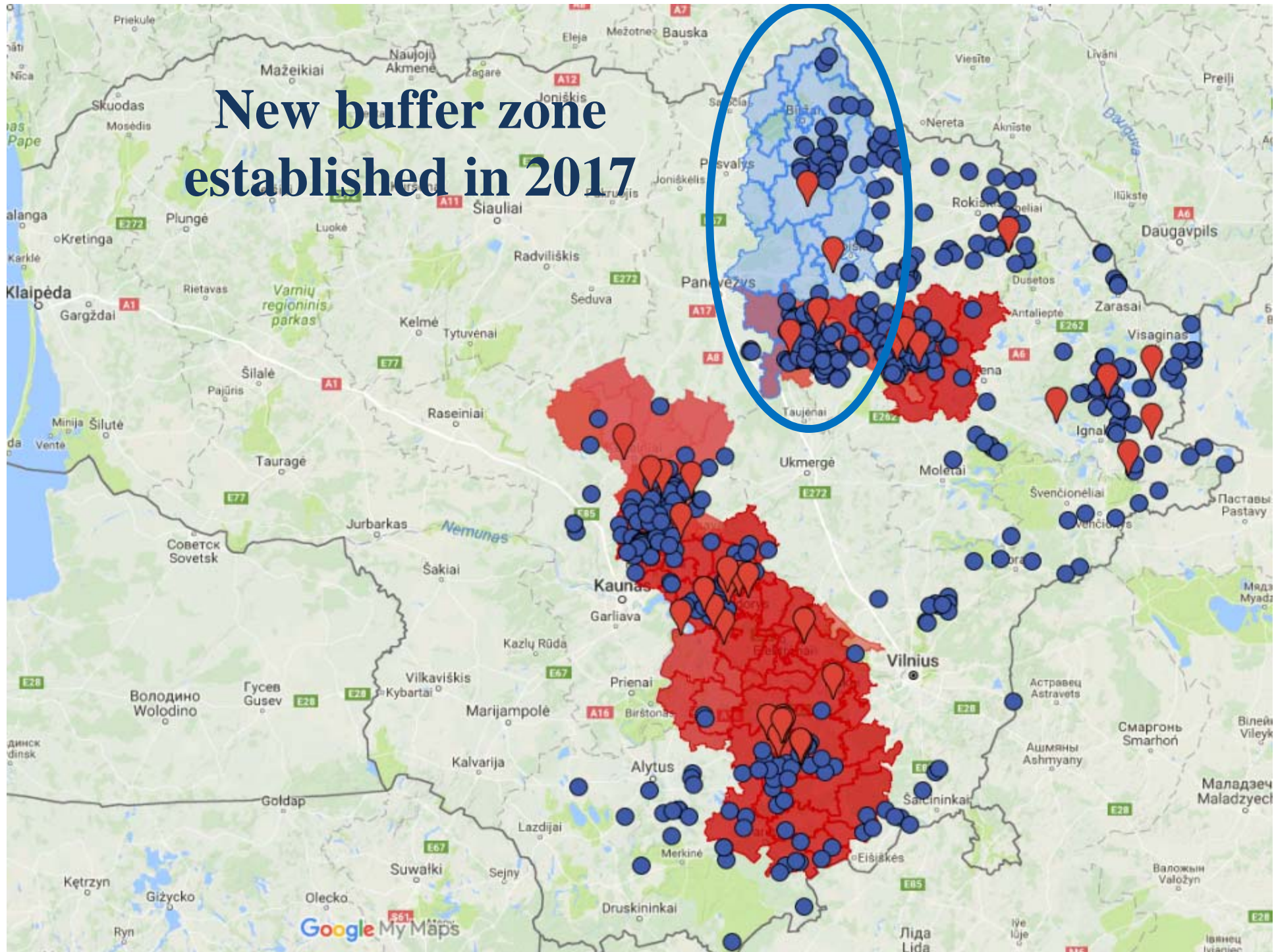
Part III in Lithuania and cases and outbreaks of ASF since 2014 (549 places of wild boars and 39 outbreaks)



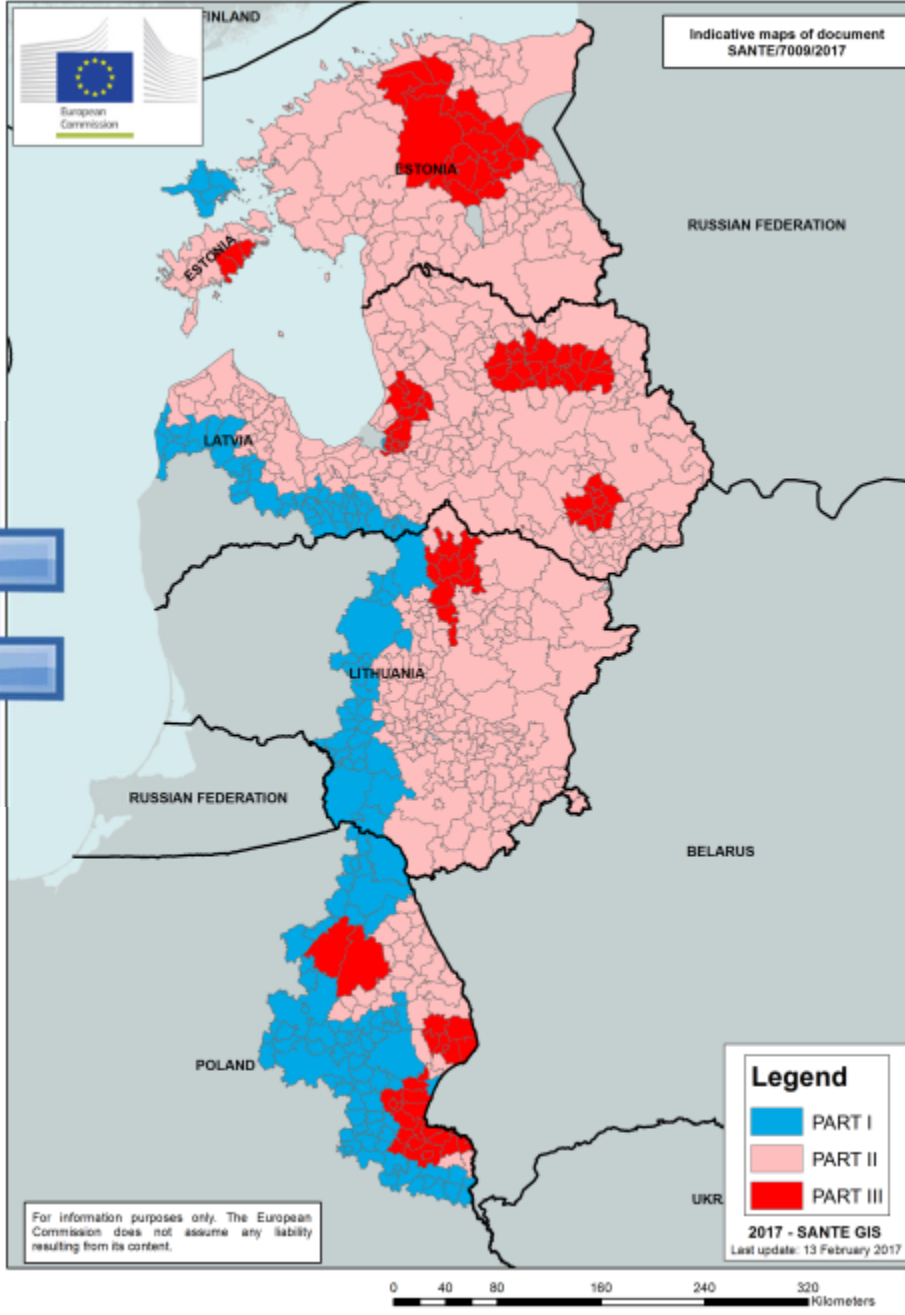
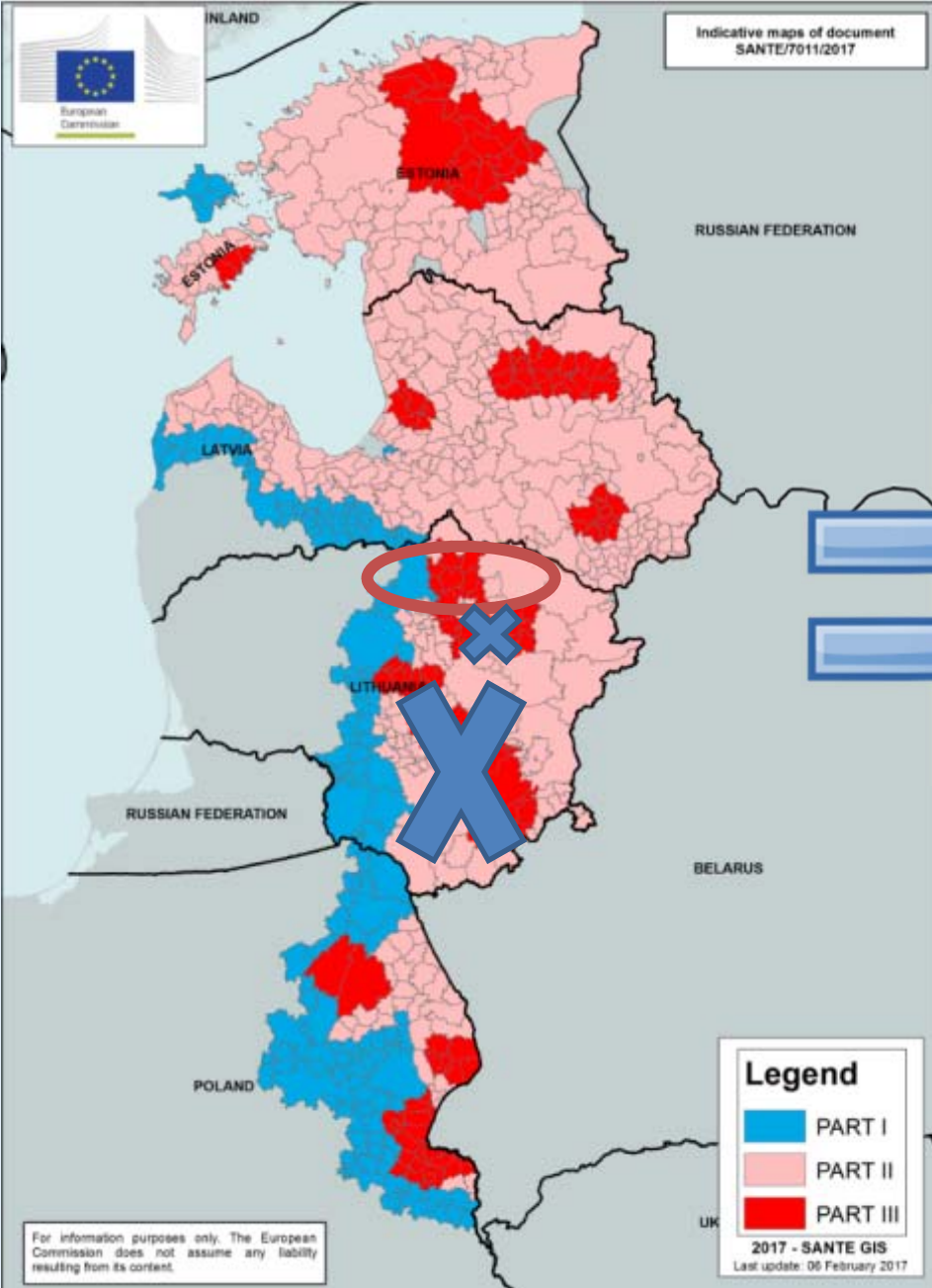
Chronology of the events

Outbreak Year	Reference number	Affected region	Confirmation date
2015	1	02460 Jonava	31/07/2015
2015	2	10790 Trakai	08/08/2015
2015	3	10790 Trakai	10/08/2015
2015	4	10790 Trakai	13/08/2015
2015	5	10790 Trakai	14/08/2015
2015	6	10790 Trakai	14/08/2015
2015	7	10790 Trakai	14/08/2015
2015	8	05570 Kupiškis	18/08/2015
2015	9	10790 Trakai	20/08/2015
2015	10	10790 Trakai	21/08/2015
2015	11	10790 Trakai	25/08/2015
2015	12	10790 Trakai	25/08/2015
2015	13	10790 Trakai	06/10/2015
2016	1	10420 Elektrenai	29/06/2016
2016	2	09340 Anykščiai	02/07/2016
2016	3	02490 Kaišiadorys	05/07/2016
2016	4	09340 Anykščiai	09/07/2016
2016	5	09340 Anykščiai	21/07/2016
2016	6	09340 Anykščiai	28/07/2016
2016	7	02490 Kaišiadorys	31/07/2016
2016	8	02490 Kaišiadorys	02/08/2016
2016	9	02490 Kaišiadorys	03/08/2016
2016	10	02490 Kaišiadorys	06/08/2016
2016	11	02490 Kaišiadorys	06/08/2016
2016	12	02460 Jonava	09/08/2016
2016	13	02490 Kaišiadorys	13/08/2016
2016	14	02490 Kaišiadorys	14/08/2016
2016	15	02490 Kaišiadorys	18/08/2016
2016	16	02460 Jonava	19/08/2016
2016	17	02530 Kedainiai	23/08/2016
2016	18	02530 Kedainiai	08/09/2016
2016	19	09340 Anykščiai	24/11/2016
2017	1	05360 Biržai	02/02/2017

New buffer zone established in 2017



Request of Lithuania





Thank you for your attention!