

# African swine fever in Lithuania

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# ASF epicenters in Belarus 2013



**BELARUS**

0 km 30 60 90 km

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- National Capital (1,740,000 in 2004)
- over 400,000
- over 100,000
- over 30,000
- other main city
- other city



40 km

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# MEASURES APPLIED IN LITHUANIA

- **Disinfection of vehicles.** Vehicles transporting live animals must provide a justifying document that the vehicle was cleaned and disinfected after animals had been unloaded last time. Additional disinfection of such vehicles is provided at BIPs.



# MEASURES APPLIED IN LITHUANIA

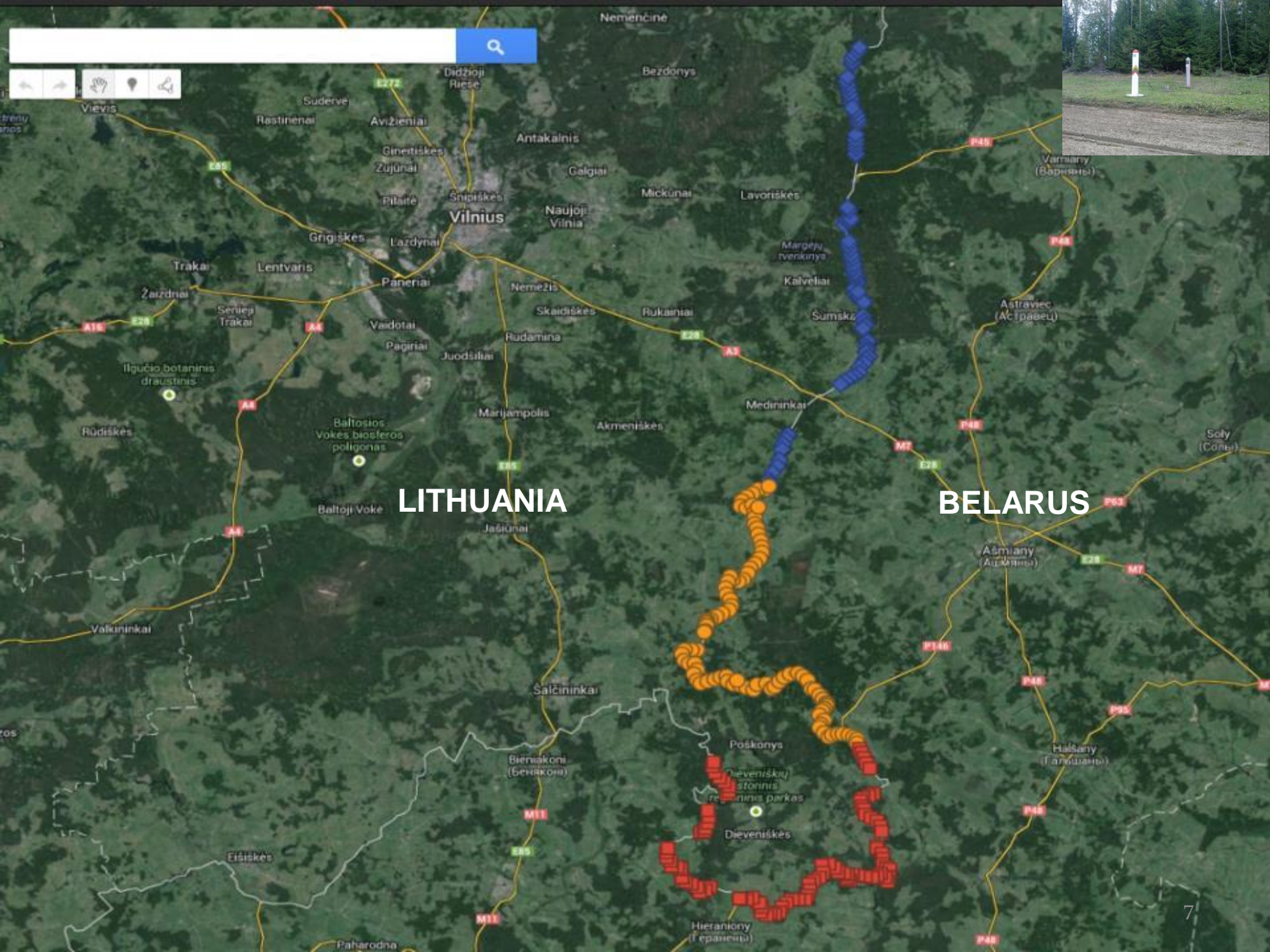
Installation of disinfection barriers for:

- Truck, car and bus wheels (in each of the 4 BIPs and in each of the 10 BCPs)
- persons crossing the border by foot
- use of motorized backpack sprayers for truck disinfection.



# Repelents





Vilnius

LITHUANIA

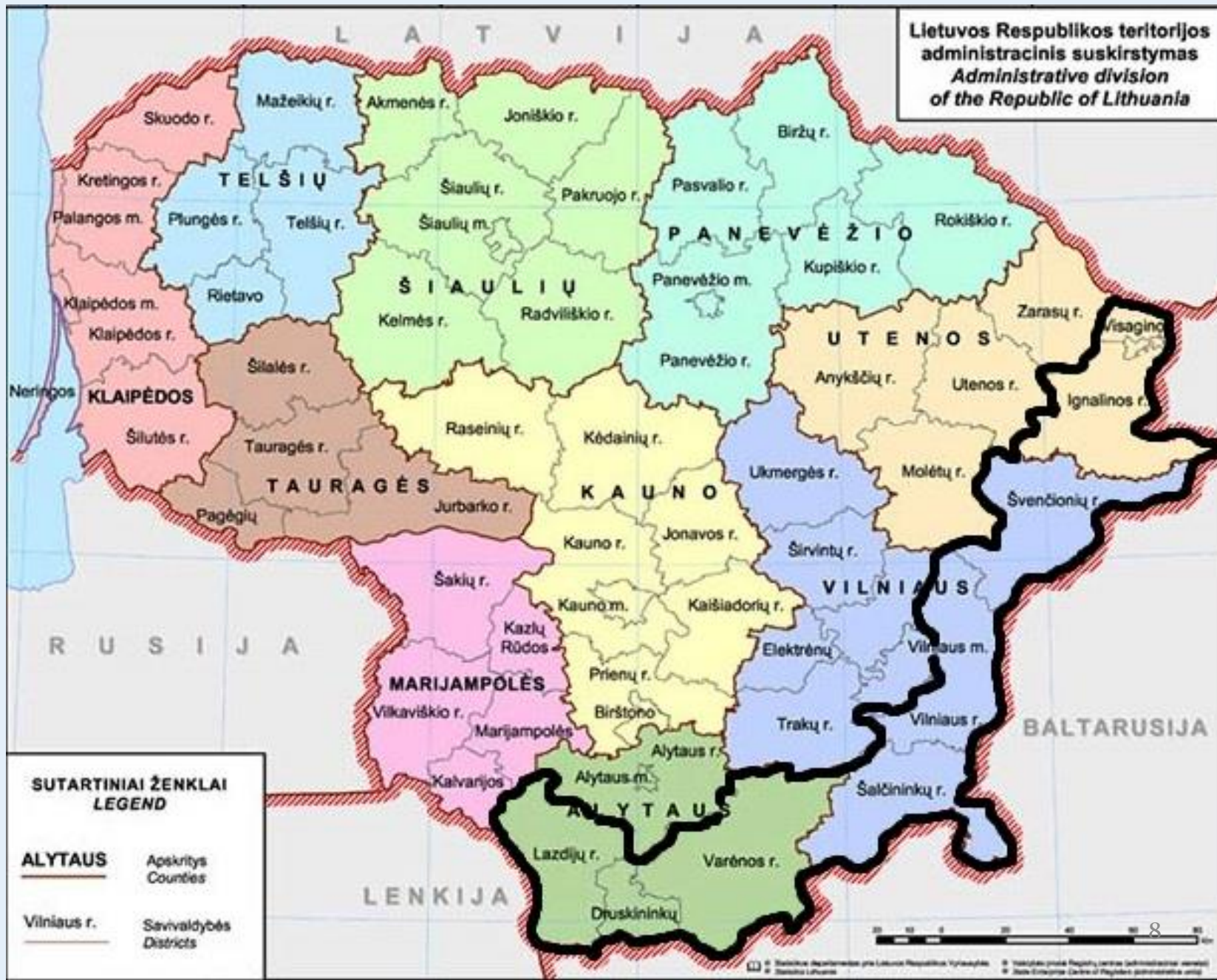
BELARUS

Dieveniškių stonnis rezervinis parkas

Dieveniskės

Hieranionys (Гераньоны)

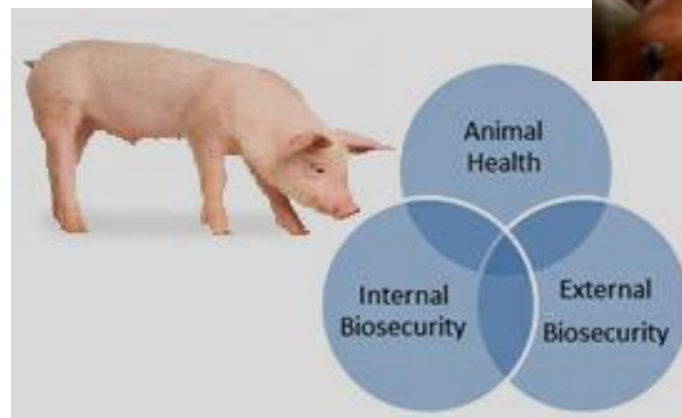
# Buffer zone in Lithuania, established in 2013





# Control and preventive measures

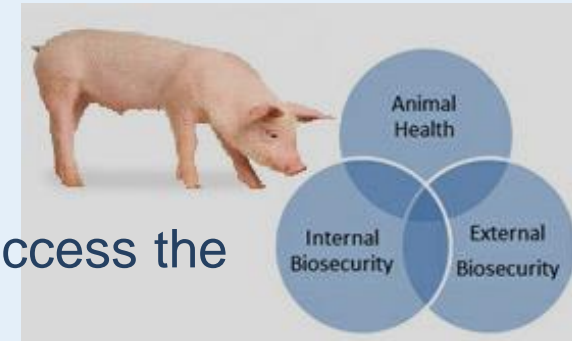
- **Forbidden trade** in live pigs in the infected area and in marketplaces located in the AFS **buffer zone** established by order of the SFVS Director;
- **Forbidden to organize events** (exhibitions, fairs, etc.) with animals susceptible to AFS (pigs, wild boar);
- **Active monitoring of pigs** in all (commercial+back yard) pig farms;
- **Active monitoring of wild boar** in the entire country.



# Biosecurity measures

**The Requirements** list the main risk factors:

- 1. the workers, visitors and other persons who can access the keeping location or room for pigs;
- 2. the vehicles that can access the pig holding;
- 3. the feed and water used for pigs feeding and watering;
- 4. tools, equipment and other things potentially infected with the pathogens of contagious diseases which can access the keeping room for pigs;
- 5. wild, derelict and abandoned animals;
- 6. dead pigs, the containers intended for the storage of pigs carcasses, the vehicles of the company that is engaged in the activity of animal by-products processing;
- 7. rodents and other pests and etc.

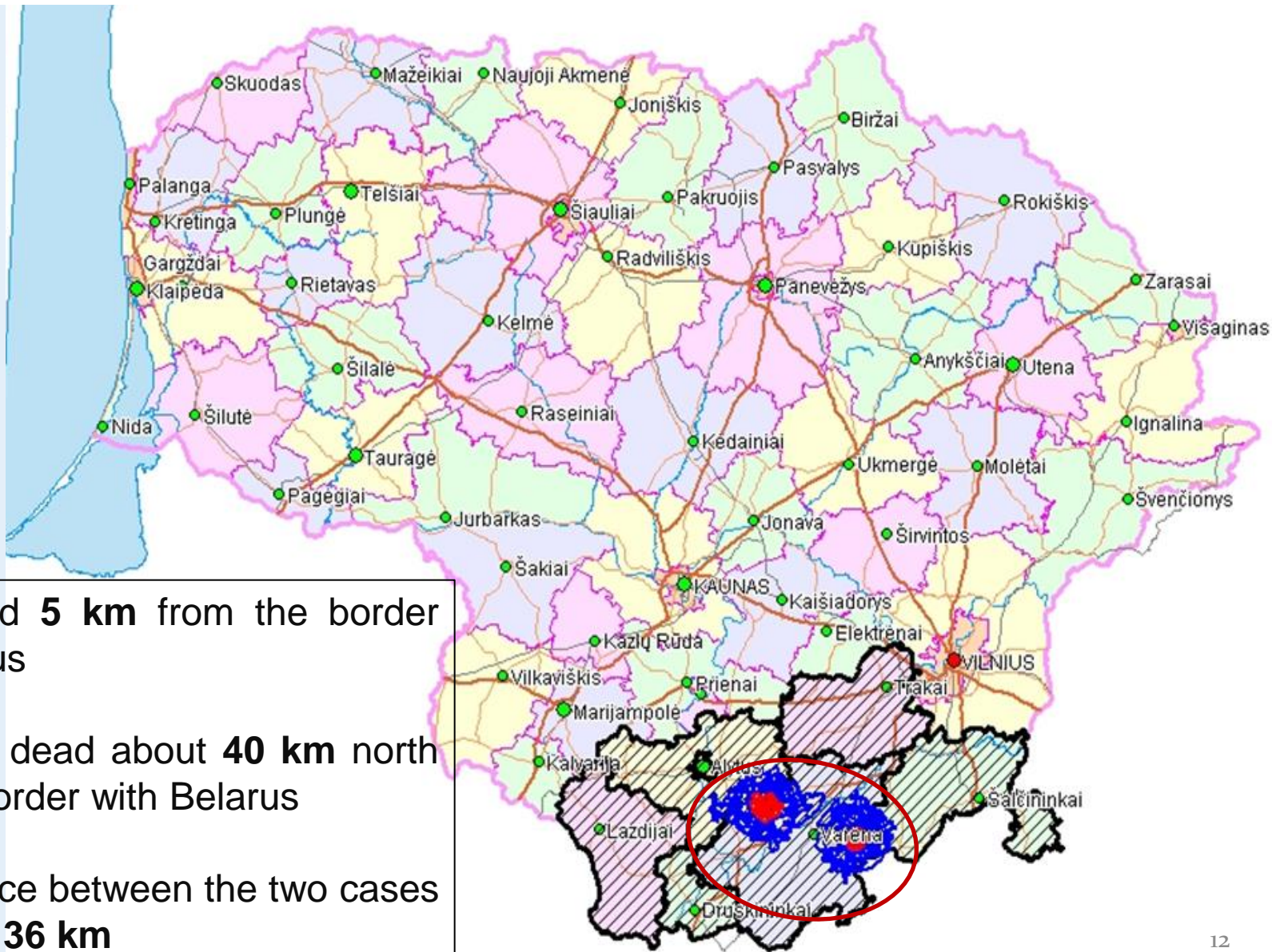


No. of backyard farms in Lithuania – **more than 16 thousand...**  
Some exemptions for „back yards“ is foreseen.

# Increased biosecurity



# Confirmed 2 ASF-positive wild boars on 24 of January 2014



**1<sup>st</sup>** hunted **5 km** from the border with Belarus

**2<sup>nd</sup>** found dead about **40 km** north from the border with Belarus

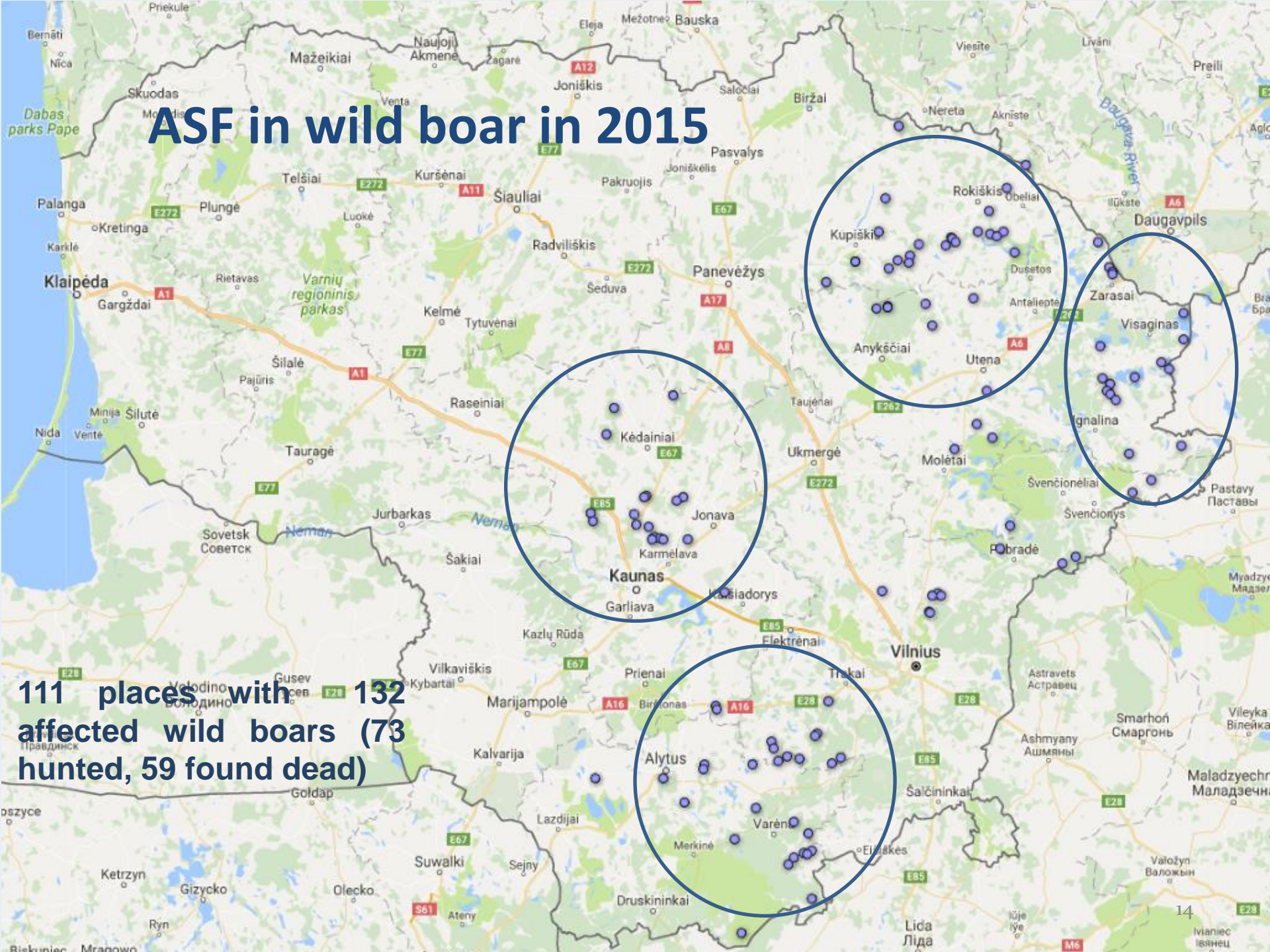
The distance between the two cases was about **36 km**

# ASF in wild boar in 2014

45 places with 76 affected wild boars (22 hunted, 54 found dead)



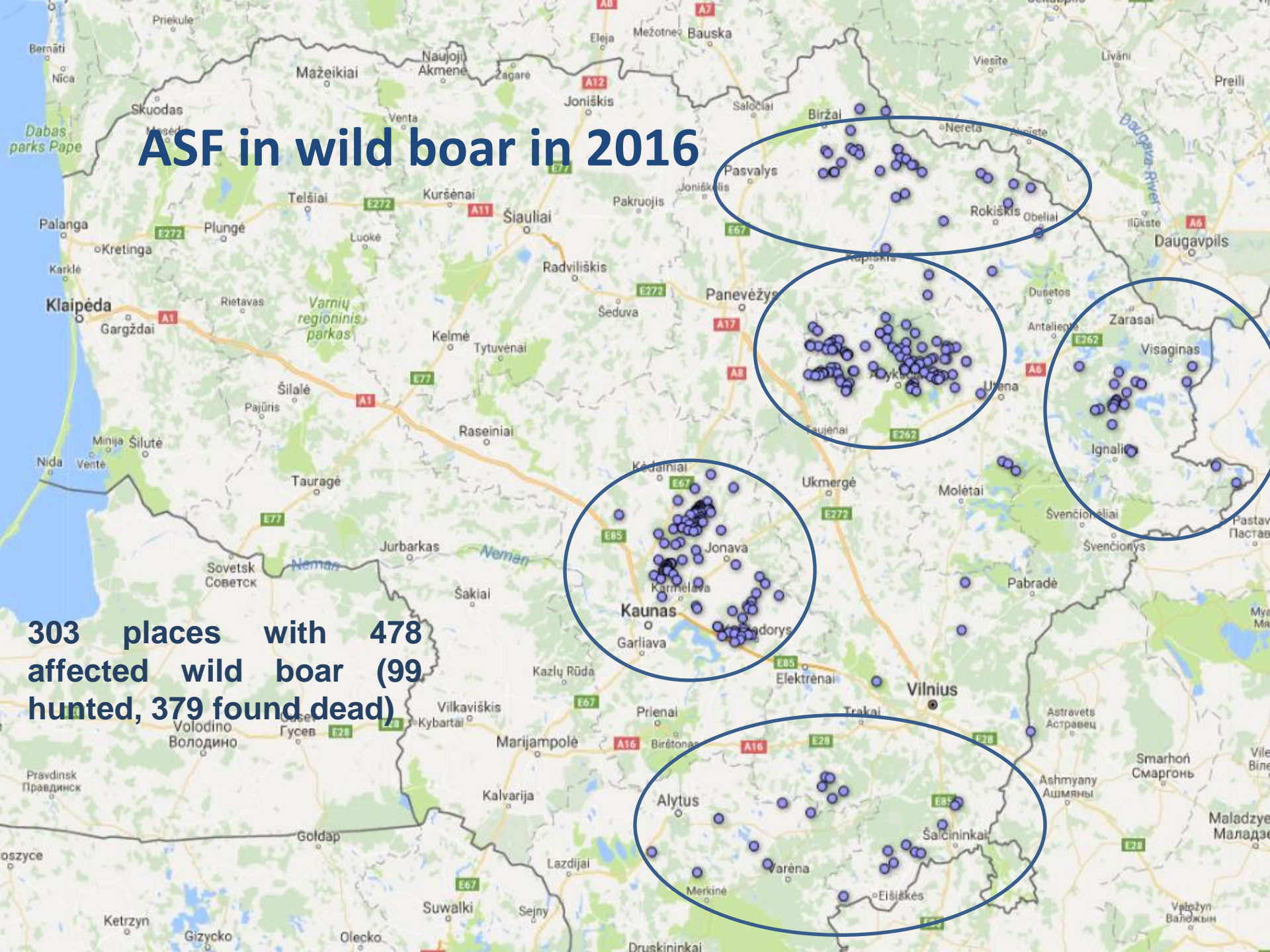
# ASF in wild boar in 2015



**111 places with 132 affected wild boars (73 hunted, 59 found dead)**

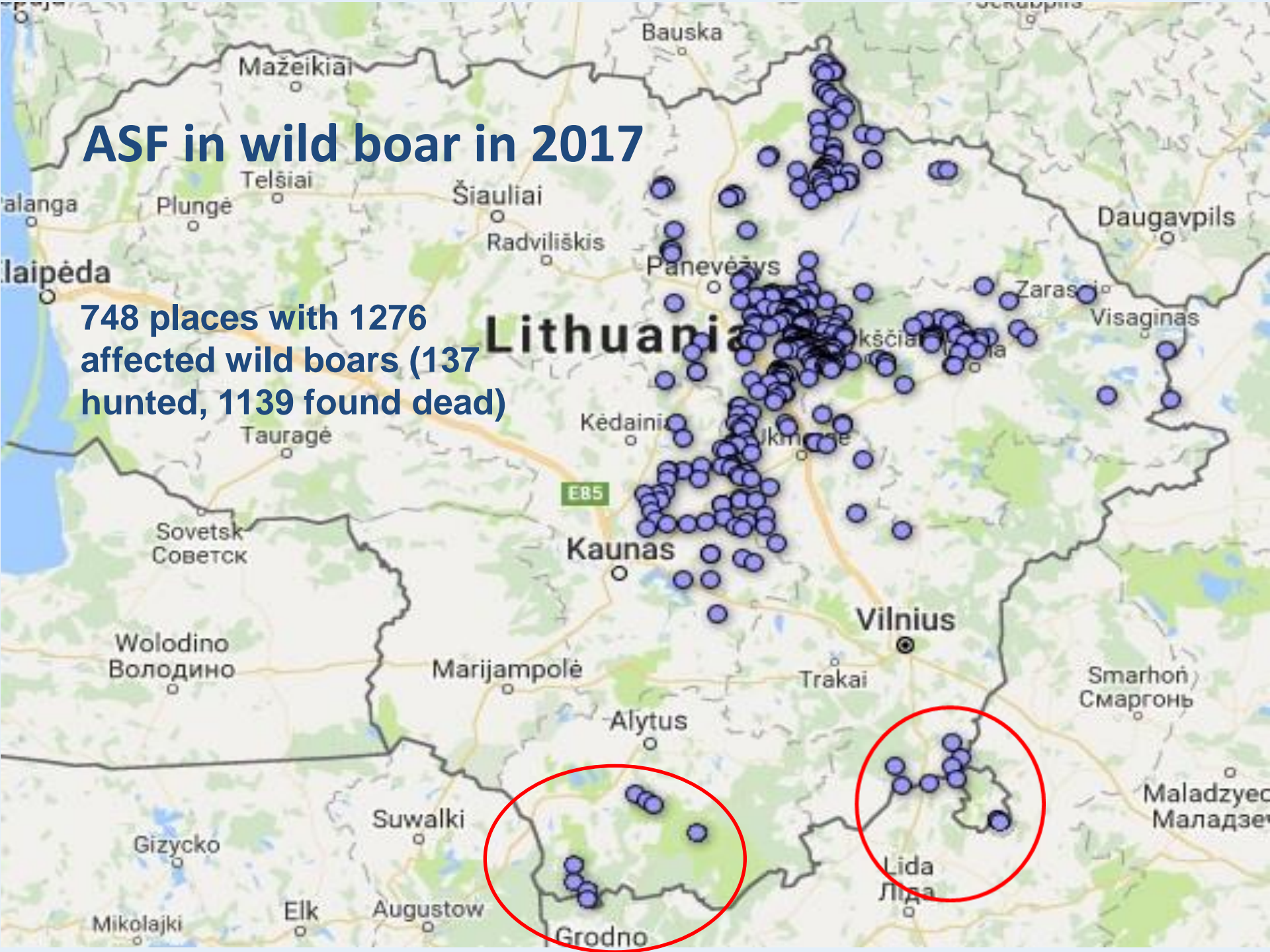
# ASF in wild boar in 2016

303 places with 478 affected wild boar (99 hunted, 379 found dead)



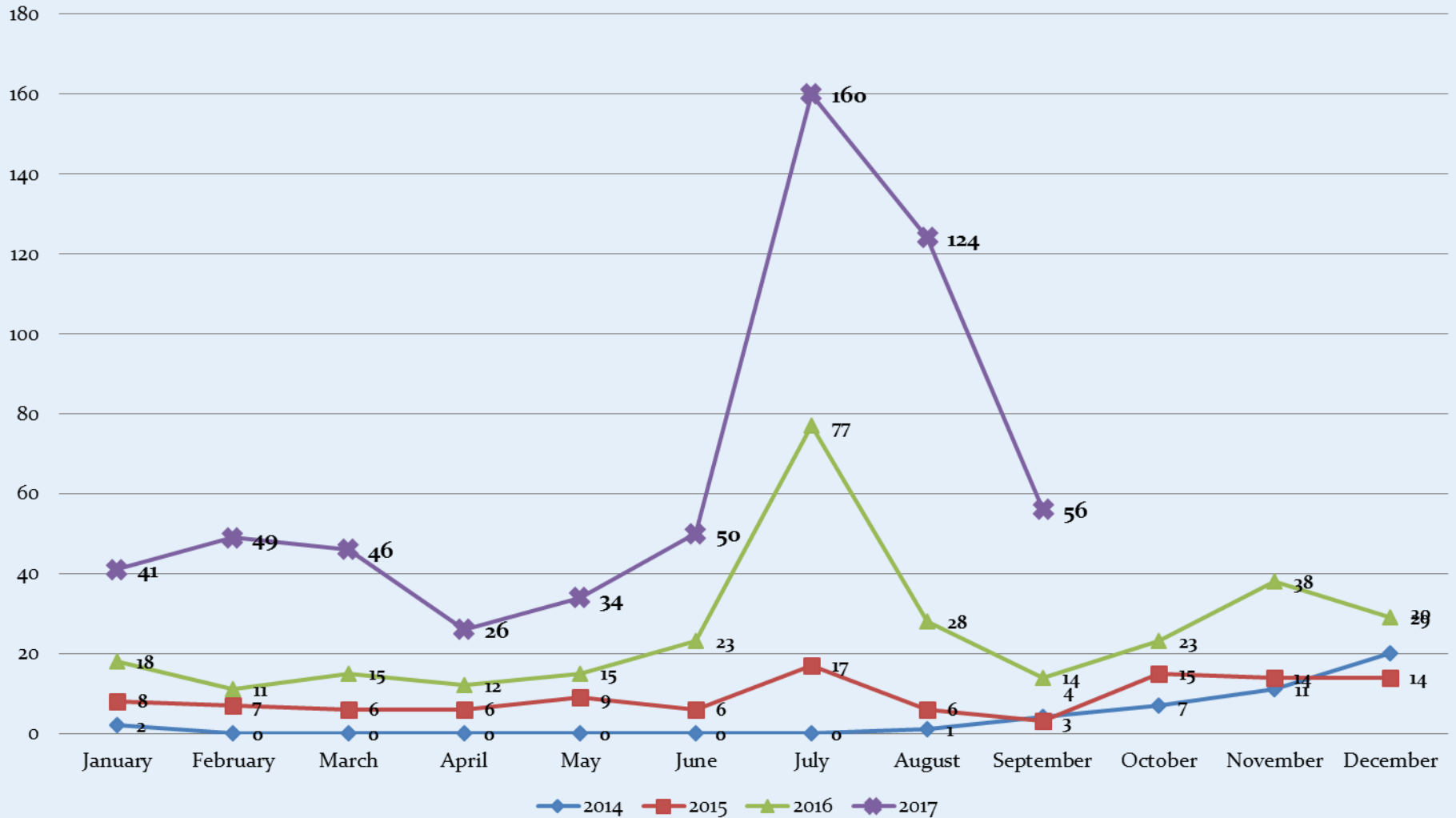
# ASF in wild boar in 2017

748 places with 1276 affected wild boars (137 hunted, 1139 found dead)





# ASF cases – seasonal pick





























# Control measures in wild life

- The hunting of wild boars is the sole practical system to obtain samples for laboratory examinations and to maintain the wild boar population stable.
- Order for regular cleaning of rest places along roads and high ways where infected waste might be present issued;
- Awareness campaign increased addressed to pig keepers and hunters.

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GRIEŽTAI DRAUDŽIAMA!**



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**KAIP TEISINGAI PAIMTI KRAUJŲ  
MĖGINĮ SUMEDŽIOTAM ŠERNUI**



1. Mėginyje turi būti palaimamas kuo greičiau sumedžiojamas šernas.
2. Mėginio žinomo vieta turi būti ne šilvė vieta.
3. Geriausiai imti subarus kraują, pjūvanant jungo vieną kaklo srityje prieš nupjauiant galvą.
4. Galima bandyti imti kraują ir iš arterijos nupjovus mentę.
5. Kraujas turi varvėti tiesiai į paruoštą mėgintuvėlį neliesdamas skerdenos.
6. Kraujas pripildoma maždaug du trečdaliai mėgintuvėlio.
7. Paimtus kraują jis uždengiamas ir paliekamas nusistovėti apyt. 24 val. kambario temperatūroje.



**Blogai (nėra serumas)** **Gerai (serumas)**

8. Vėliavai reikia laikyti šaldytuve.
9. Transportavimo metu stengtis vėli atvargiai ne susoplakinti.
10. Kao greičiau pristatyti mėginį į VMVT. Dėl darinių VMVT.
11. Serumui nusistovėjus – mėginio uždengiamas – tai vertinga medžiaga Afrikinio kiaulių maro viruso nustatymui!

# Wild boar control measures

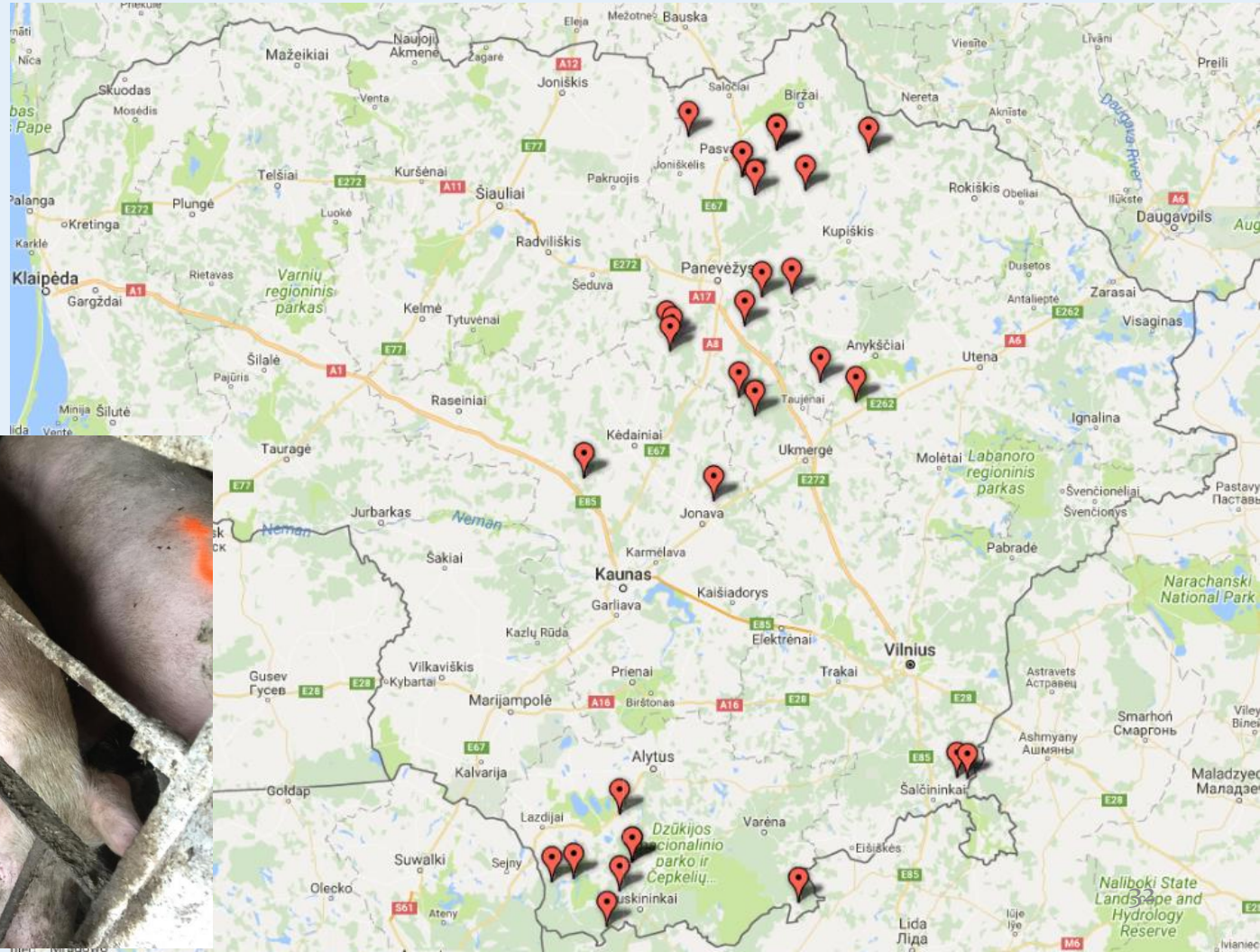
Hunters should **process hunted wild boars** in special designated places and all ABPs should not be moved outside but kept in special tightly closed animal waste pits.



# ASF outbreaks in 2017

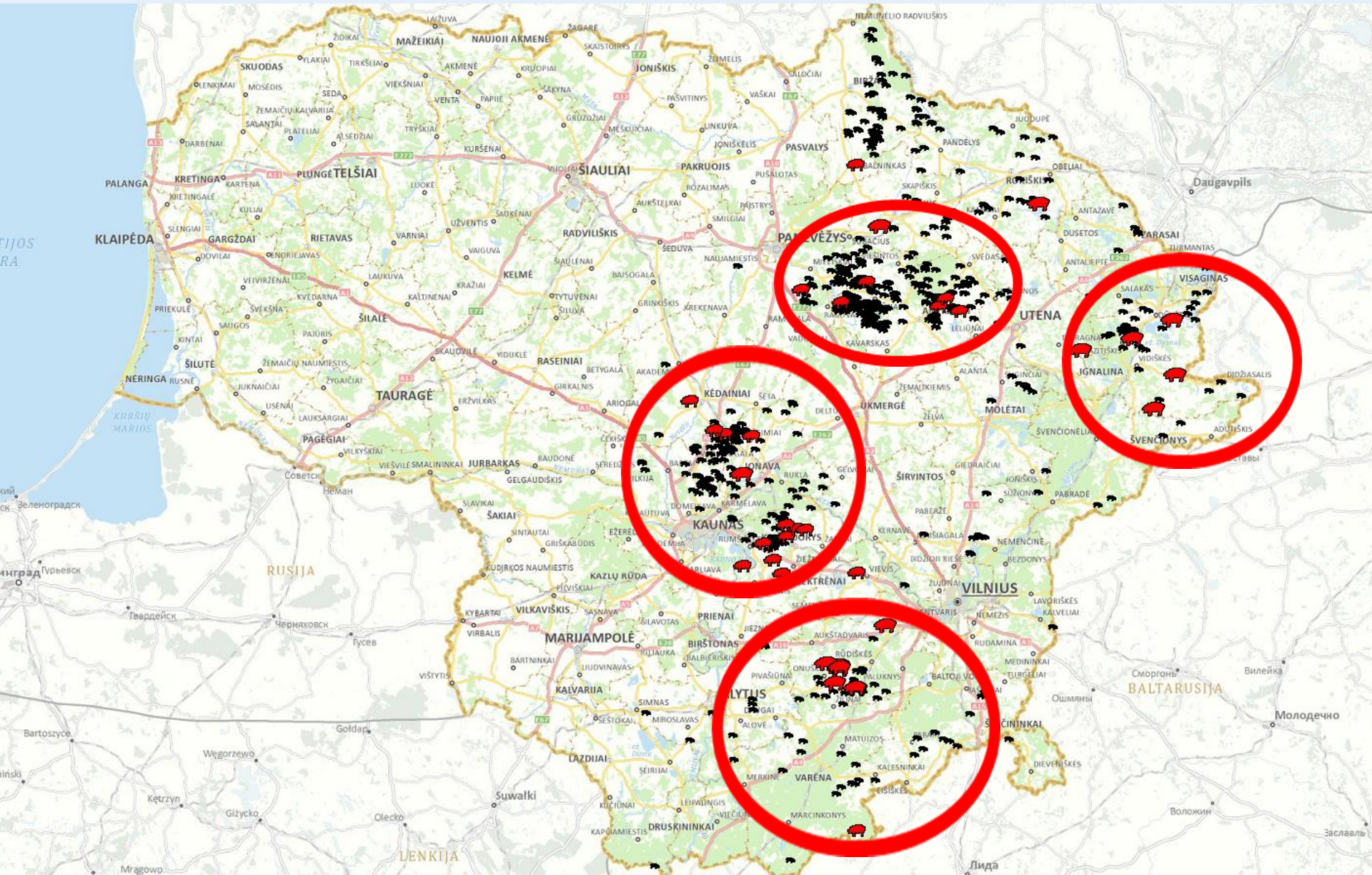
30 outbreaks were confirmed:

- 2 in commercial farms
- 28 in non-commercial farms

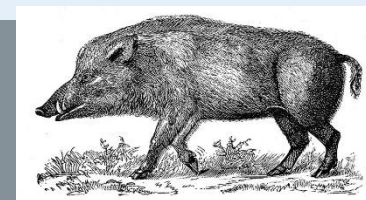




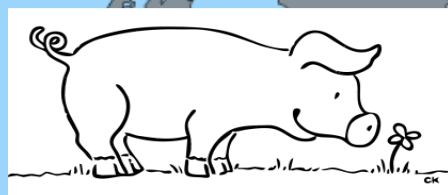
# ASC outbreak / case dependence



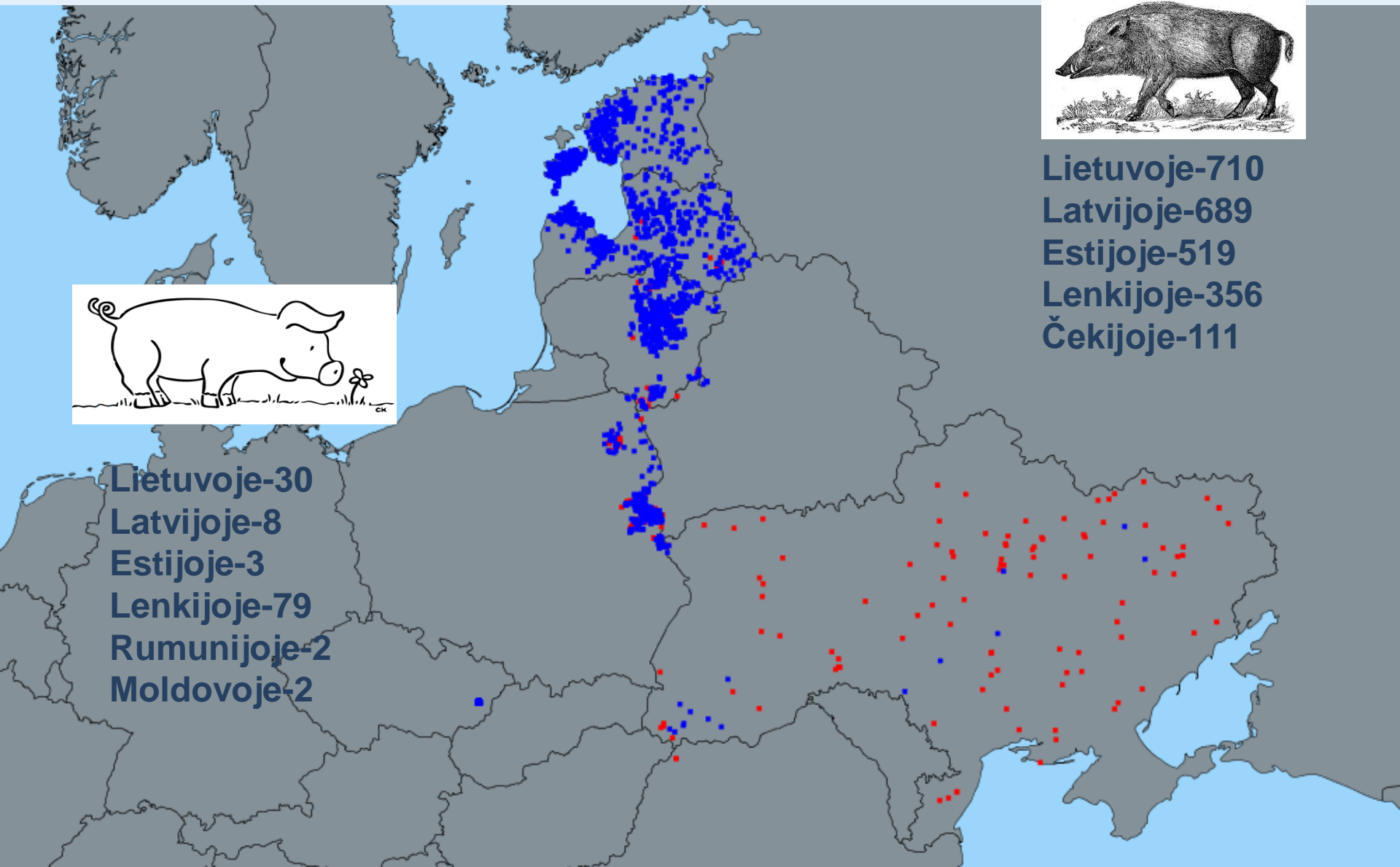
# Afrikinis kiaulių maras - LT, LV, EE, CZ, RO, UA (2017 m.)



Lietuvoje-710  
Latvijoje-689  
Estijoje-519  
Lenkijoje-356  
Čekijoje-111



Lietuvoje-30  
Latvijoje-8  
Estijoje-3  
Lenkijoje-79  
Rumunijoje-2  
Moldovoje-2





**Thank you for your  
attention!**

13-30 of June 2017 in the close proximity to pig holding several wild boar have been found positive to ASF (hunted and found dead).





# Epi investigation

- First symptoms have been observed on 4-6 July 2017.



# Epi investigation

On 10 July 2017 first dead mother sows and piglets









# Second outbreak in commercial farm in 2017 (164 pigs kept)



# Information campaign

Extensive information campaign - articles in national newspapers and regional press, movies through TV about ASF, information per radio, preparation of leaflets, posters, signs.

