



# ASF situation in Estonia



24.10.2017



# Domestic pigs herd structure

## September 2014

Herd size category	No of herds	No of pigs
1-99	792	5039
100-499	24	4035
>=500	104	371 016
<b>Total</b>	<b>920</b>	<b>380 090</b>

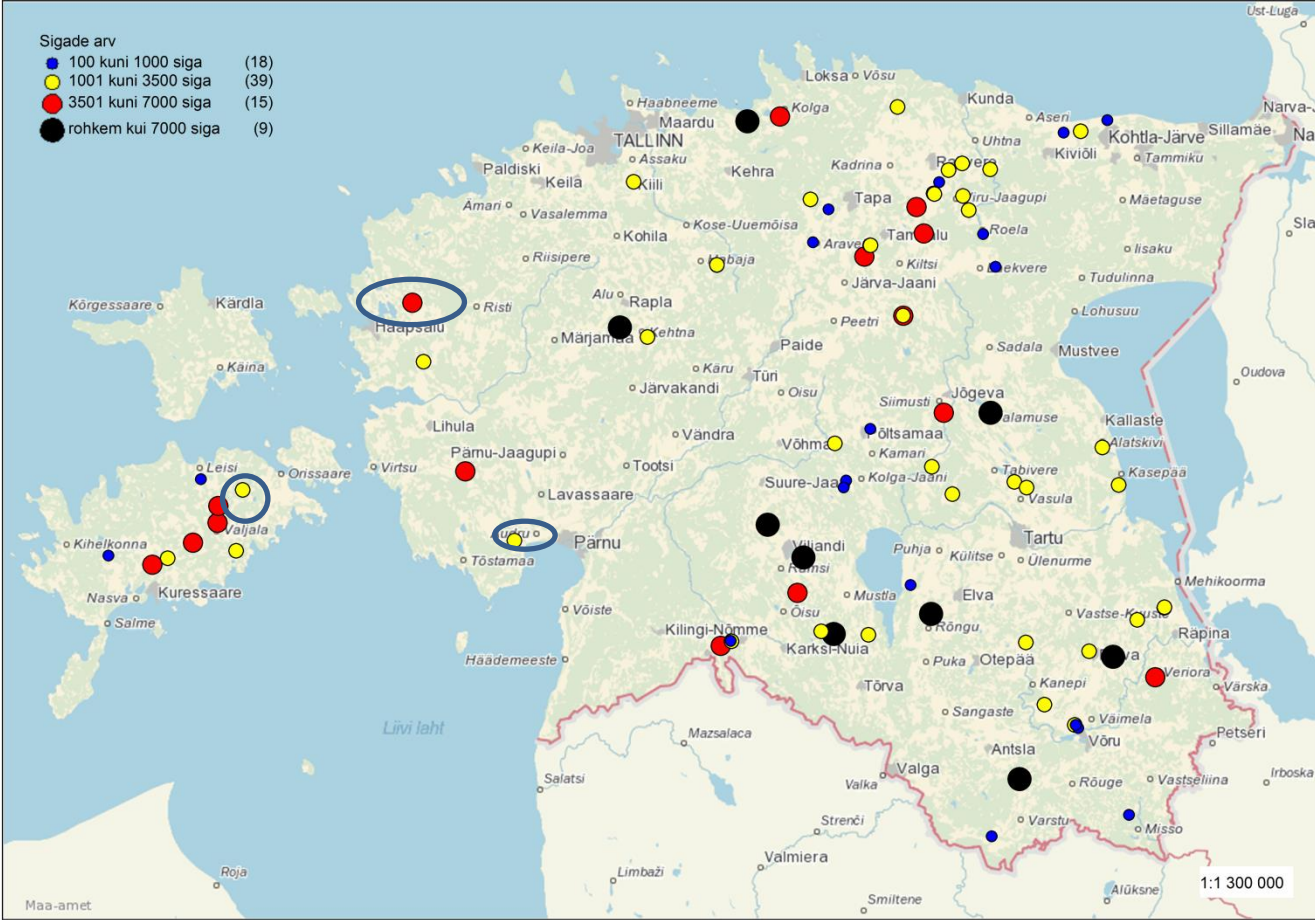
## September 2016

Herd size category	No of herds	No of pigs
1-100	117	1302
101-499	17	4452
>500	71	263 242
<b>Total</b>	<b>205</b>	<b>268 996</b>

## March 2017

Herd size category	No of herds	No of pigs
1-99	64	1 225 (0,4%)
100-1000	16	
1001-10000	61	
>10000	2	
<b>Total</b>	<b>143</b>	<b>278 744</b>

# Pig farms in Estonia (27.07.2017)



# Awareness campaigns

## A poster for biosecurity rules to all pig farms





# Linnamäe ASF outbreak in 2017(3)

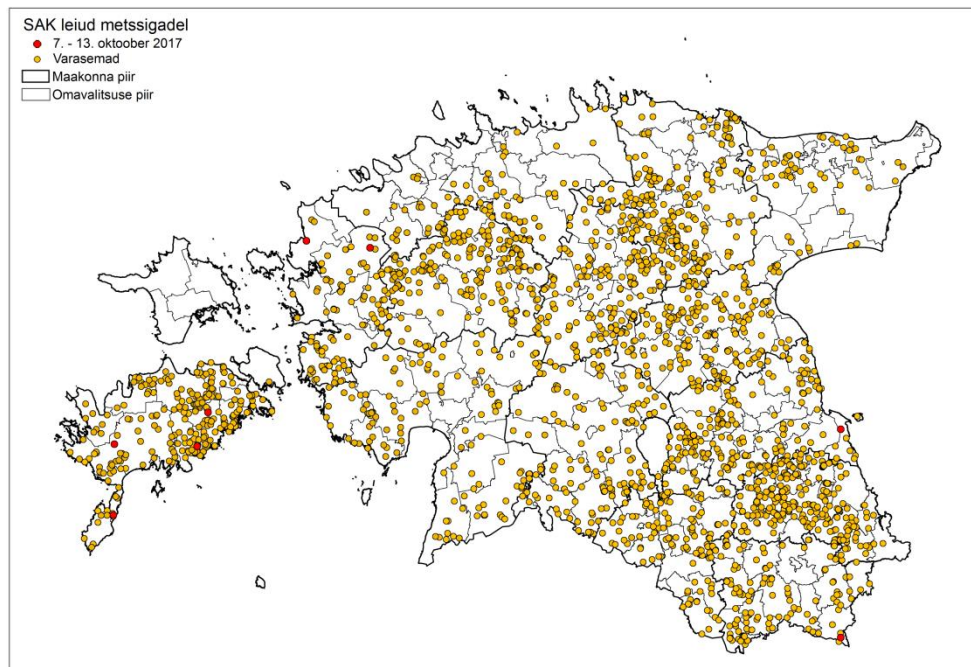
- Confirmed on 19th of September in Läänemaa county in a herd with 6541 pigs; high biosecurity
- Clinical signs observed:
  - Abortation, increased mortality (sows) (sows died day after the abortation ); Infected only sows from one section of the farm;
  - 10th of September first 2 dead sows; by the 18th of sept 17 dead SOWS;
  - autopsy → enlarged, pale and puddle kidneys
  - excessive spleen ( enlarged in some cases)
  - Oedema and hyperemia of lymph nodes
- Source of the infection: most likely the virus was introduced from the environment with a transportation or by the people, mistakes of the biosecurity.
- The farm is located in the ASF wild boar infected area, where the infection is actively spreading among wild boar.



# Surveillance results in wild boars

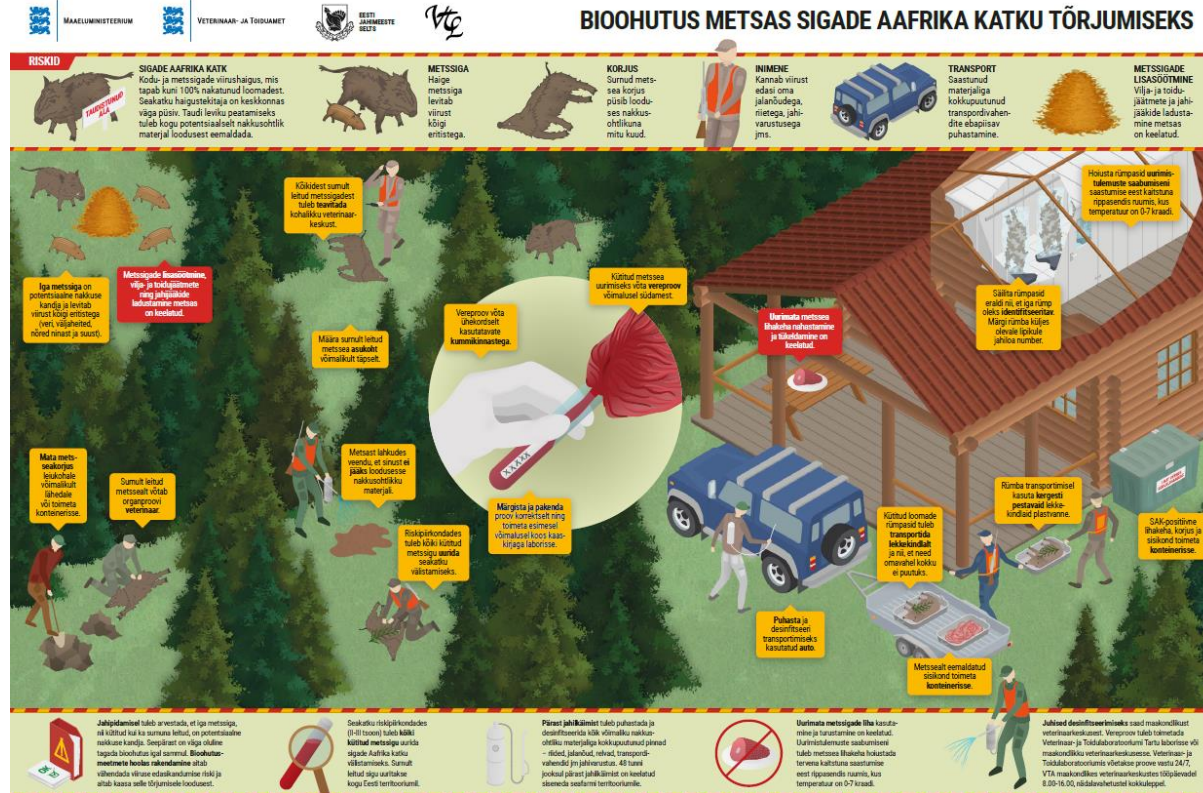
- Laboratory testing 2014-2017

	2014		2015		2016		2017 (15.10.2017)	
	No of animals tested	No ASF positive/prevalence	No of animals tested	No ASF positive/Prevalence	No of animals tested	No ASF positive/Prevalence	No of animals tested	No ASF positive/Prevalence
Hunted wild boars	879	9 (1%)	8617	680 (8%)	14976	749 (5%)	7640	439 (5,7%)
Found dead wild boars	175	64 (37%)	928	408 (44%)	987	818 (83%)	346	285 (82%)
Culled/car accident	2	0	17	7 (41%)	15	5 (33)	22	1 (4,5%)
<b>Total</b>	<b>1056</b>	<b>73 (7%)</b>	<b>9562</b>	<b>1095 (11,5%)</b>	<b>15978</b>	<b>1572 (10%)</b>	<b>8008</b>	<b>725</b>



# Awareness campaigns

- A poster for biosecurity rules during hunting



- Study video for the control checks in hunting lodges
  - <http://www.ejs.ee/wp-content/uploads/2017/05/VetAmeti-kontroll-jahiseltsides-EJS-logoga.mov>



# Controls/inspections in 2017

- Control checks in all pig farms in March 2017
  - Aim of the controls: implementation of biosecurity rules
  - Total number of pig farms inspected: 194, from which 143 kept pigs
  - Results: 9 prescriptions, from which 7 were about improving fencing
- Inspections in hunting lodges 07-08.2017
  - All hunting lodges (350)
  - Aim of the controls: implementation of biosecurity rules during hunting; getting an overview of the possibilities in hunting lodges (cold storage, management of ABP etc)





# Outcomes and observations

- Majority of assessed farms were compliant to the basic BS requirements, in many cases even more stringent measures were applied
- There are no major differences in interpretation of BS requirements by official veterinarians
- More attention should be paid to the effectiveness of the measures , e.g. disinfection
- Improvement of quality of the BS requires additional investments, the possibility for support should be sought

# Outcome of inspections of hunting lodges

## Biosecurity controls of hunters 2017

Number of inspections	350	100%
Hunting grounds having at least one dedicated dressing facility	182	52%
Hunting grounds not having dedicated dressing facility	168	48%
Hunting grounds having freezer or chilled room for the carcasses waiting for lab. report	143	40%
Hunting grounds not having freezer or chilled room for the carcasses waiting for lab. report	207	60%

- **Hunters are very well informed about biosecurity rules on hunting.**
- **Hunters have disinfectants and are aware how to use them.**
- **Hunters need financial support to improve conditions of dressing facilities .**

# Thank you for your attention!

[www.vet.agri.ee](http://www.vet.agri.ee)

[www.seakatk.ee](http://www.seakatk.ee)