

Plan for the eradication of African swine fever in feral pig population in Estonia

PAFF Committee

05-06.03.2015

Test results 2014

Type of animal	Number of animals tested	Number of animals tested with ELISA	Number of positive animals
Domestic pigs	1318	1452	-
Wild boar	964	909	73
Total	2282	2361	73

- Total number of tested animals:
 - Domestic pigs: 2100
 - Wild boars: 1056
 - 879 hunted
 - 175 found dead/ carcasses (tissue, bone marrow)
 - 2 culled (abnormal behaviour)

Test results 2015

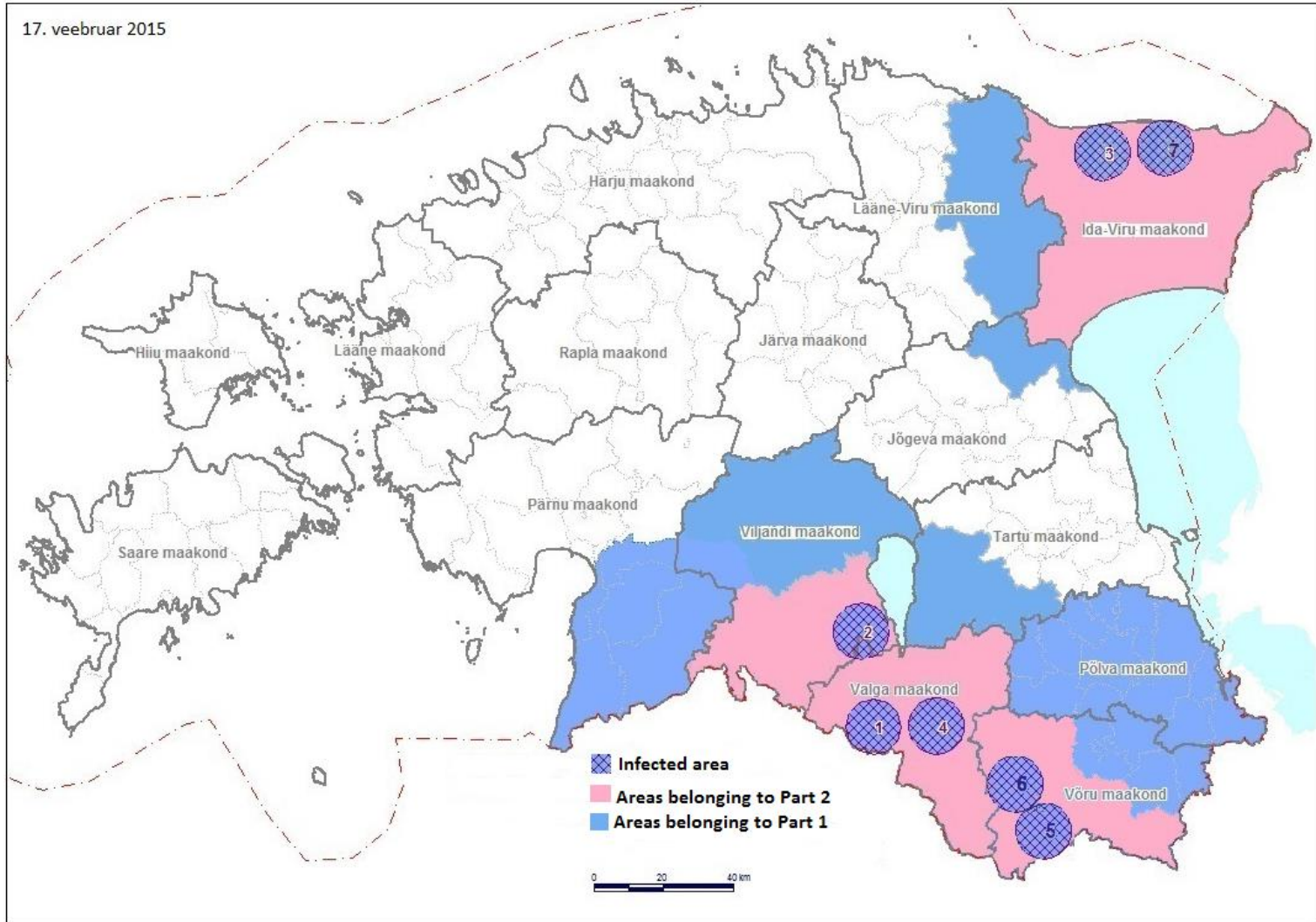
(01.01 2015 – 27. 02.2015)

Type of the animal	Number of animals tested with PCR	Number of animals tested with ELISA	Number of positive animals
Domestic pigs	141	76	0
Wild boar	1106	1077	48
Total			

- Total number of tested animals:
 - Domestic pigs: 141
 - Wild boars: 1110
 - 1076 hunted
 - 33 found dead/ carcasses (tissue, bone marrow)
 - 1 culled (abnormal behaviour)

Infected areas

Areas belonging to Part 1 and Part 2 (as of Decision 2014/709)



Sampling schemes for 2015

Wild boars

- Wild boars
 - Areas without restrictions
 - Around 2% of the hunted wild boars (PCR)
 - Areas belonging to Part 1
 - 2% of the hunted wild boars and the ones which are foreseen to be taken out of the area (PCR)
 - Areas belonging to Part 2
 - All hunted wild boars (PCR, also ELISA if relevant)
 - Entire territory of Estonia
 - All wild boars wound dead (PCR, also ELISA if relevant)

Sampling schemes for 2015

Domestic pigs

- Domestic pigs
 - Pig farms situated in areas belonging to Part 1 and Part 2
 - Inspection twice a year, sampling when suspicion (PCR)
 - Pig farms situated in areas belonging to Part 2
 - Pre-movement testing (PCR)
 - Entire territory of Estonia
 - Pigs found dead, disease with fever (PCR)

Surveillance programmes and preventive measures in pig farms situated in infected area (1)

- Pig farms are categorised into 3 groups:
 - Non-commercial
 - Commercial
 - Outdoor farms
- Strict biosecurity rules are applied (Infectious Animal Disease Control Act)
- In addition the following biosecurity rules are applied:
 - Non-commercial farms:
 - No swill feeding
 - Pigs are kept indoors
 - No contact with any part of feral pig
 - Home slaughtering only under veterinary supervision
 - Movement restrictions (unauthorized persons)
 - Disinfection and change of clothes

Surveillance programmes and preventive measures in pig farms situated in infected area (2)

- Commercial farms:
 - Same rules as in non-commercial farms plus approved biosecurity plan
- Outdoor farms:
 - Same rules as in non-commercial farms plus double fencing around the farm
- Farms situated in infected area are inspected once a month, if suspicion of ASF then samples are taken
- Farm situated in the infected area are under restrictions:
 - animal movement restrictions:
 - allowed only with the permission of the Head of County veterinary Centre.
 - movement from infected area only when accompanied with veterinary certificate (+ food chain information if taken to slaughterhouse)
 - Pigs, semen, embryos or ova are not allowed for intra – Community trade
 - Provisions of Decision 2014/709 are applied

Wild boar management

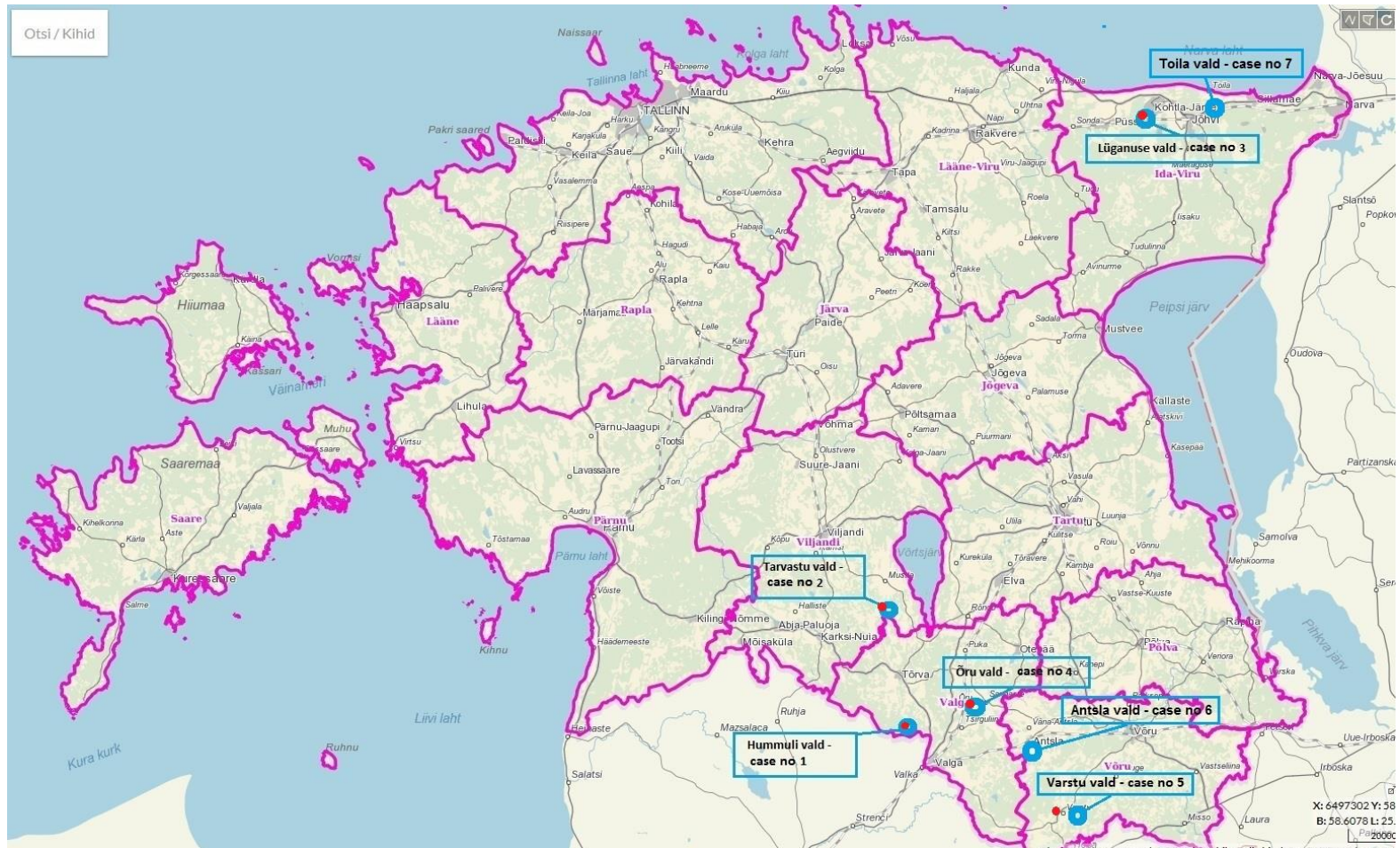
- According to the decree of Environmental Board:
 - It is forbidden to organize battue in the areas belonging to Part 2 and Part 3
 - Additional feeding is allowed in feeding lots in Parts 1-3 (feeding is limited)
- Hunting is not increased and is done without causing excessive movements of animals. It is carried in the way that wild boar population social structure is remained, concentrating on shooting young pigs and remaining adult sows and boars

Carcass collection (1)

- Wild boars which are found dead are buried in the finding place or taken into containers
- Hunted wild boars tested with positive result are also taken to containers
- Contract with hunters` society regarding carcass collection, state compensation in place for burying and taking into containers
- Containers system is organized by Vireen AS which collects and recycles perished farm animals and the animal by-products of the meat industry of Estonia
- 5 containers are placed in the areas where ASF has been diagnosed in wild boars
- Containers are placed near the places of positive wild boar cases:
 - One in Ida-Viru county
 - One in Viljandi county
 - Two in Valga county
 - One in Võru county

Carcass collection (2)

Location of the containers



Carcass collection (3)



- Marked and locked
- Capacity 660 L
- Full container is changed with empty container (information to the Vireen AS from representative of the hunters' society in that region). Full container is taken to Vireen AS
- When full container is taken away, it must be accompanied with veterinary certificate issued by authorised veterinarian or animal health official
- In Vireen AS the containers are emptied at the end of working day to minimize cross-contamination
- Emptied containers and used vehicles are cleaned and disinfected
- Rout of the transportation of full containers is chosen so that it does not carry any other materials and does not pass any other objects which are not part of that transport route

Duration of the measures

- Restrictions for the pig farms and for hunting (including testing all wild boars shot or found dead) are in place until 12 months has passed since the last confirmed case of ASF
- Infected area gains its ASF free status if during the last 12 months no positive wild boars have been found

Thank you for your attention!