



REPUBLIC OF ESTONIA
VETERINARY AND FOOD BOARD

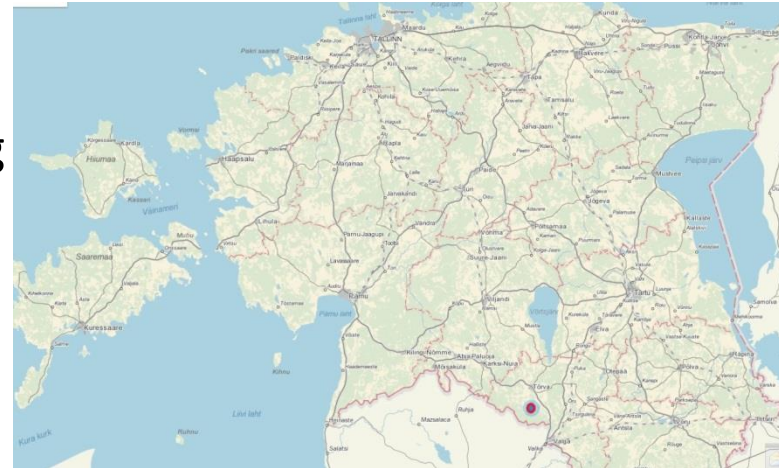
African swine fever in Estonia

PAFF Committee

5.12.2014

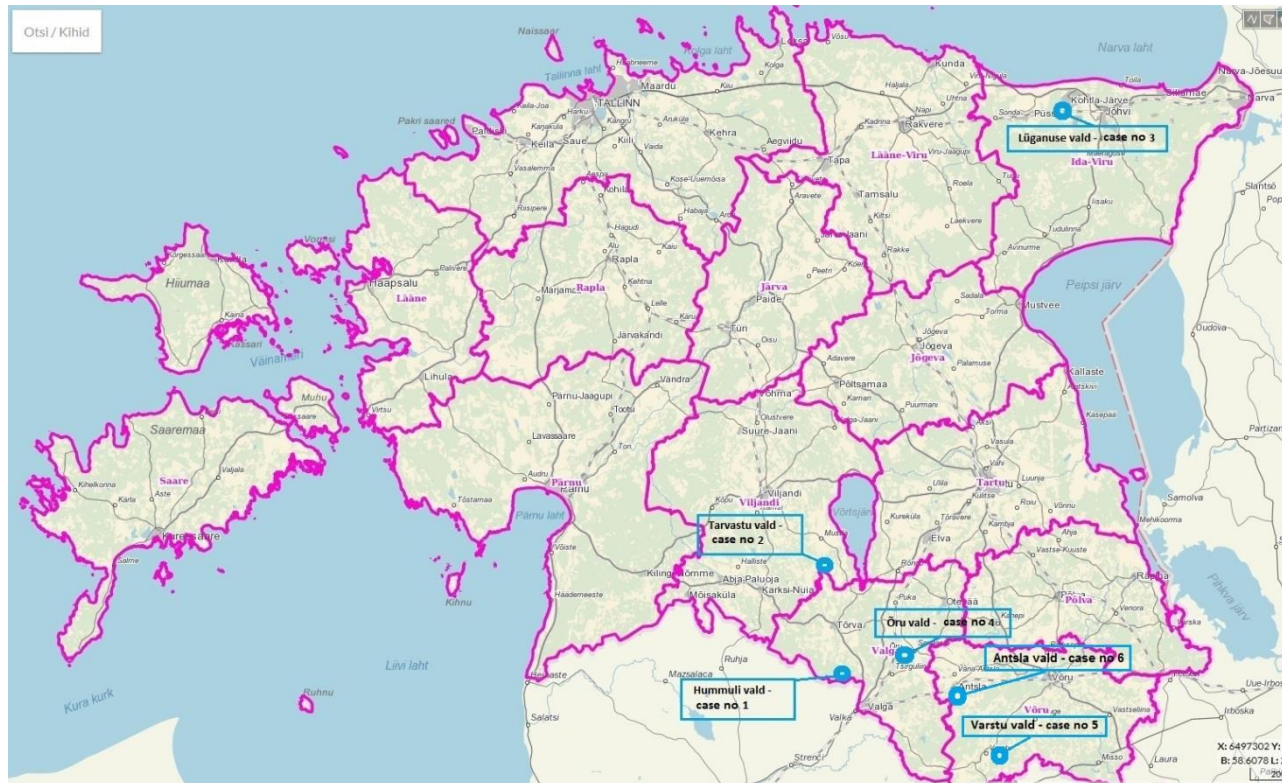
Chronology (1)

- **First case** of wild boar:
 - On 2nd September one wild boar piglet was found dead in Valga distric, Hummuli parish, 6 km from the Latvian border
 - Autopsy showed clinical signs
 - Samples taken: spleen, tonsils, kidneys
 - Preliminary results from National Reference Laboratory (RT-PCR, ELISA)
 - On 5th September confirmation from EU reference laboratory for African swine fever:
 - RT-PCR positive, IPT positive
 - ASFV belongs to genotype II
- Possible source of infection: movement of infected wild boar from infected area
- The restrictions have been placed to 24 pig farms in the infected area.



Map with 6 cases locations

- On 28.11 a national lab gave positive PCR test result to wildboar found dead in Antsla parish, Võru county



Chronology – positive cases

Week, 2014	Cases in wild boar	Location
01/09-07/09	1	Case no 1 (Valga county)
08/09-14/09	4	Case no 2 (Viljandi county)
	1	Case no 1
15/09-21/09	1	Case no 3 (Ida-Virumaa county)
	1	Case no 2
	1	Case no 4 (Valga county)
22/09-28/09	2	Case no 2
29/09-05/10	1	Case no 2
06/10-12/10	2	Case no 1
	7	Case no 2
13/10-19/10	4	Case no 2
20/10-26/10	2	Case no 2
27/10-02/11	1	Case no 1
	5	Case no 2
	4	Case no 5 (Võru county)
03/11-09/11	2	Case no 2
	1	Case no 3
10/11-16/11	5	Case no 2
17/11-23/11	1	Case no 1
	2	Case no 2
24/11-30/11	6	Case no 2
	1	Case no 5
	1	Case no 6
	1	Case no 3

Laboratory tests in wild boars (test based data* until 30. November)

Type of tests	Number of tests in wild boar	Total number of positive tests	Number and type of positive samples
ELISA	603	6	Organ 1
			Serum 5
IPT	6	6	Organs 4
			Serum 2
PCR	670	59	Organs 20
			Serum 4
			Bone marrow 35

* Data does not include confirmatory tests and molecular characterization in EU reference laboratory

ASF surveillance in Estonia

- The number of animals tested (1 January – 30 November)

	PCR	ELISA
Domestic pigs	1219	1426
Wild boar	627	603
Total	1846	2029

- Total number of tested animals
 - Domestic pigs: 1986
 - Wild boars: 713
 - 574 hunted
 - 137 found dead/carcasses (tissue, bone marrow)
 - 2 culled (abnormal behaviour)

Preventive/control measures (1)

- All live pig transport vehicles from Latvia, Lithuania, Poland, Russian Federation and Belarus have 48 hours standstill before entering the farm and new loading
- Additional cleaning and disinfection on the territory of Estonia must be carried out and proved with documents
- Import ban for non-heat treated feed from the infected areas in Latvia, Lithuania, Poland, Russian Federation and Belarus
- Luhamaa BIP (approved for live animal imports)- documentary and physical checks for cleaning and disinfection

Preventive/control measures (2)

- In cooperation with Customs – personal luggage checks
- Since 25.07 ban for keeping domestic pigs and farmed wild boar outside
- According to the decree of Environmental Board:
 - It is forbidden to organize battue in the areas belonging to Part II
 - Additional feeding is allowed in feeding lots in parts I-III
- Feed and drinking water must be kept inside
- Awareness campaigns
 - Leaflets in 2 languages – directly to farmers
 - TV, radio, press notices
 - Special webpage <http://www.agri.ee/et/seakatk>