

## Eradication: Final report for African Swine Fever 2018

For each approved annual or multi-annual programme Member States shall submit to the Commission by the 30 April each year an annual detailed technical and financial report covering the previous year. That report shall include the results achieved and a detailed account of eligible costs incurred (Art 14 of Regulation (EU) No 652/2014).

This form is for information only, no submission possible.

ID: 20190415-24YUTS2N

**Country code:** FI

### Reporting period

**From:** 2018

**To:** 2019

**Year of implementation:** 2018

## 1. Technical implementation of the programme

### **1.1 Description and evaluation of the evolution of the epidemiological situation, the technical implementation of the activities foreseen under the programme and the cost-effectiveness of the programme.**

African swine fever (ASF) has never been detected in Finland. Continuous surveillance and monitoring for ASF was carried out by the Finnish Food Safety Authority Evira. A total of 715 wild boar (passive 21 and active 694), 55 domestic pigs (passive) and 54 farmed wild boar (active) have been tested for ASF in 2018, all with negative results.

The population of wild boar in Finland is relatively small, and according to Natural Resources Institute Finland LUKE's ([www.luke.fi](http://www.luke.fi)) latest estimation both estimated wild boar population and area of distribution have decreased (see appendix wild boar population 2016-2018). Since 1.3.2016 wild boar without piglets can be hunted year-round. Changes in hunting law, active information campaigns and changes in wild boar population have brought about the change in numbers and areas of the wild boar samples.

#### Active surveillance in wild boars

The surveillance programme covers the whole territory of Finland. The enhanced surveillance programme is performed in the South-Eastern area of Finland. The sampling scheme of hunted wild boar is aiming to get as many wild boars for sampling as possible. Samples from hunted wild boar are collected in cooperation with the Finnish Wildlife Agency and local hunters and hunters' associations. Samples (spleen, kidney, blood) of hunted wild boar will undergo virological tests (PCR). The Finnish Food Safety Authority

Evira paid hunters for sampling 40 € / one hunted wild boar. Finnish Food Safety Authority Evira sent sampling and packaging material directly to hunters' associations.

#### Passive surveillance in wild boars

Target population of the programme is the wild boar population and the surveillance programme covers the whole territory of Finland. Hunters and general public have been instructed to report each dead or sick wild boar to the municipal veterinary officer. The sampling scheme of wild boar is aiming to get all found dead (min. 10 % of dead wild boar) and sick wild boars for sampling. Samples are collected by the municipal veterinary officer in cooperation with local hunters. Samples (spleen, kidney, entire long bone) of dead wild boar will undergo virological tests (PCR). The Finnish Food Safety Authority Evira paid for reporting 100 € / one dead found/sick wild boar.

#### Active surveillance in farmed wild boar

Surveillance programme covers the whole territory of Finland. Keepers of farmed wild boar are asked to take samples (blood) from slaughtered farmed wild boar. The sampling scheme of farmed wild boar is aiming to get as many farmed wild boars for sampling as possible. The samples (blood) of farmed wild boar will undergo virological tests (PCR). Finnish Food Safety Authority Evira sends sampling and packaging material directly to keepers of farmed wild boar.

#### Passive surveillance in domestic pigs and farmed wild boar

The passive surveillance programme covers the whole territory of Finland. If African swine fever is suspected, an official veterinarian will visit the suspected holding, check production and health records of the holding and carry out clinical examination and sampling of pigs, in accordance with the guidelines set by the Commission decision 2003/422/EC approving ASF Diagnostic Manual to confirm or rule out presence of the disease. In 2018 there was one official suspicion of ASF in one domestic pig farm.

Sick or dead pigs will be investigated and tested for ASF even if there is no actual suspicion of the disease, if there is no obvious other reason for the findings. The samples (spleen, kidney, tonsils, lymph nodes, lung) of animal will undergo virological tests (PCR).

The estimated number of tests of wild boars to be carried out in 2018 was based on the number of tests performed in 2016. The number of tests performed in 2018 was substantially higher.

Targeted hunting is encouraged in order to target female wild boars. The Finnish Food Safety Authority Evira pays hunters for targeted hunting 60 € / hunted female wild boar. Hunters send, as proof of targeted hunting, a piece of uterus of hunted female wild boar (in the same package with ASF -samples) to the laboratory.

### **1.2 Details on the level of achievement of the targets set in the approved programme and technical difficulties.**

The surveillance programme aims to early detection of African swine fever in case the disease would enter into Finland. The estimated number of ASF -tests of wild boar to be carried out in 2018 was based on the number of tests performed in 2016. Changes in hunting law, active information campaigns and changes in wild boar population have brought about the change in numbers and areas of the wild boar samples. The number of tests performed in 2018 was substantially higher than previous years.

Large information boards, guides, and posters were placed at the Vaalimaa and Nuijamaa inspection posts and Custom offices (between Finland and Russia), as well as food waste containers where passengers may leave scraps of animal origin. This project was a collaborative effort of the Ministry of Agriculture and Forestry, Finnish Food Safety Authority, Finnish Customs, and Finnish Border Guard. "Guidelines on restrictions on the personal import of food" brochures were delivered in five languages (Finnish, Swedish, English, Russian and Estonian) to both travelers, travel agencies, companies operating bus tours to Russia as well as the Finnish Customs. These printed ASF leaflets are also distributed on trains operating Helsinki-St Petersburg, Russia and Helsinki-Moscow, Russia. Aforementioned were released available on Finnish Food Safety Authority's ASF-websites, where they can be downloaded and printed.

The implementing of public awareness campaign continued in two large harbors in Helsinki. There are several ASF -signboards and printed information leaflets targeted to passengers in the harbor terminals.

### **1.3 Epidemiological maps for infection and other relevant data on the disease/activities (information on serotypes involved,...) (Please attach files of data using the PDF attachment feature) Use the textbox below to provide clarifications for the maps you attach, if needed.**

African swine fever (ASF) has never been detected in Finland.

## 2. Tables for SWINE DISEASES PROGRAMMES monitoring outcome of the year

VERY IMPORTANT: Please fill out the following tables with figures corresponding to measures performed during the implementing period (1/1 to 31/12)

**Table A - DISEASE SURVEILLANCE IN DOMESTIC PIGS**

Region	Number of clinical examined holdings	Number of farms sampled	Type of farm	Number of animals sampled	Number of farms with serologically positive result	Number of farms with active infection detection	Number of outbreaks
Finland nuts FI 1	0	29	Commercial	55	0	0	0
Finland nuts FI 1	0	9	Commercial	54	0	0	0
<b>Total</b>	0	38		109	0	0	0

**Table B - DISEASE SURVEILLANCE IN WILD BOAR/FERAL PIGS**

Region	Type of surveillance	Number of animals tested	Positive	% positive	Number of cases
Finland nuts FI 1	Passive	21	0	0 %	0
Finland nuts FI200	Active	1	0	0 %	0
Finland nuts FI194	Active	4	0	0 %	0
Finland nuts FI1D1	Active	14	0	0 %	0
Finland nuts FI1C2	Active	2	0	0 %	0
Finland nuts FI1C3	Active	13	0	0 %	0
Finland nuts FI1C4	Active	135	0	0 %	0
Finland nuts FI1C5	Active	331	0	0 %	0
Finland nuts FI1D4	Active	2	0	0 %	0
Finland nuts FI193	Active	1	0	0 %	0
Finland nuts FI197	Active	26	0	0 %	0
Finland nuts FI195	Active	8	0	0 %	0
Finland nuts FI1D3	Active	25	0	0 %	0
Finland nuts FI1D6	Active	3	0	0 %	0
Finland nuts FI1D2	Active	5	0	0 %	0
Finland nuts FI196	Active	8	0	0 %	0
Finland nuts FI1B1	Active	99	0	0 %	0
Finland nuts FI1C1	Active	17	0	0 %	0
<b>Total</b>		715	0	0 %	0

**Table C - WILD BOAR ORAL VACCINATION**

Region/Area	Month	Number of baits	Size of vaccinated area (km <sup>2</sup> )
<b>Total</b>		0	0

**Table D - DIAGNOSTIC TESTS AND RESULTS**

Region	Animal population	Laboratory test used	Number of animals tested	Number of tests carried out	Number of positive results	Comments
Finland nuts FI 1	feral pigs	PCR	715	715	0	
Finland nuts FI 1	domestic pigs	PCR	55	55	0	
Finland nuts FI 1	domestic pigs	PCR	54	54	0	Farmed wild boar
<b>Total</b>			824	824	0	

## COMMENT / ADDITIONAL CLARIFICATION

No additional clarification.

