



## Annex I.c : Programme for the control and eradication of Classical Swine Fever or African Swine Fever submitted for obtaining EU cofinancing

Member States seeking a financial contribution from the European Union for national programmes of eradication, control and surveillance shall submit online this application completely filled out.

In case of difficulty, please contact [SANTE-VET-PROG@ec.europa.eu](mailto:SANTE-VET-PROG@ec.europa.eu), describe the issue and mention the version of this document: 2015 1.01

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- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

**Submission Date**

Thursday, September 03, 2015 16:14:47

**Submission Number**

1441286090406-6657



# Standard requirements for the submission of programme for eradication, control and monitoring

## Identification of the programme

Member state: LATVIJA

Disease: Classical swine fever

Species: Domestic pigs and wild boar

This program is multi annual: yes

Type of submission: New multiannual programme

Request of Community co-financing from beginning of:

2016

To end of

2018

# Standard requirements for the submission of programme for eradication, control and monitoring

## A. Programme Information

### 1. Contact

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Your job type within the CA : Deputy director of Veterinary Control Department

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### 2. Historical data on the epidemiological evolution of the disease

Provide a concise description of the following indicators :

- Number of serologically positive domestic pigs compared to previous year
- Number of virologically positive domestic pigs compared to previous year
- Number of serologically positive wild boar/feral pigs compared to previous year
- Number of virologically positive wild boar/feral pigs compared to previous year
- An assessment of the evolution of the indicators along the years is requested as well as obstacles and constraints identified that hamper the progress of eradication.

(max. 32000 chars) :

Historically, previous CSF outbreak in Latvia has been registered in 1996. Vaccination program has been carried out in Latvia from 1998 to 2001 that led to CSF eradication. On 20th November 2012 Latvia notified two primary cases of classical swine fever (CSF) in wild boar close to the border with Russia and Belarus, in Dagda and Zilupe Counties. Based on the genotype performed at the EU Reference Laboratory for CSF in Hanover, the Latvian CSF isolates were assigned to the genotype 2.3, showing its closest genetic relationship with isolates from Russian Federation. Due to the close vicinity of the infected area to Belarus and Russian Federation and based on the genotype results it is hypothesized that the infection might have crossed the border from Belarus with infected wild boar. However, so far this hypothesis is only based on the sequencing data and geographical vicinity. During the domestic pig monitoring, three backyard holdings located in the infected area were found CSF positive on 27 November, 2012. All measures according to Council Directive 2001/89/EC were

## Standard requirements for the submission of programme for eradication, control and monitoring

carried out within the protection and surveillance zones.

During 2013, the number of 4 301 domestic pigs and 2 534 wild boars were tested to CSF. CSF virus was found in 46 wild boars (1.82%) within the infected area. Oral vaccination of wild boar within a part of the infected area (vaccination zone) was carried out in 2013. No CSF cases were found in domestic pigs.

During 2014, the number of 4933 domestic pigs and 3652 wild boars were tested to CSF. CSF virus was found in 30 wild boars (0.6%) within the infected area. Oral vaccination of wild boar within the infected area (vaccination zone) was carried out in 2014. One outbreak was confirmed in domestic pig backyard farm.

The main obstacle that could have an impact on the eradication of CSF in Latvia is the border with Eastern neighboring countries Russia and Belarus where CSF epidemiological situation is unclear. Most probably infected wild boar are still crossing the Latvian border and presenting the risk of new CSF cases in Latvia. Another obstacle is an active ASF infection in wild boar population in the same areas (CSF infected territory) that destroys the CSF vaccinated wild boar population and hamper the evaluation of the real CSF eradication process including the efficacy of vaccination campaigns.

### 3. Description of the submitted programme

*Provide a concise description of*

- *The programme with its main objective(s). In case of a long time strategy, interim objectives for each year should be specified.*
- *Target population*
- *Main measures : active/passive surveillance in holdings, active/passive surveillance in wild boar-feral pigs, vaccination in holdings, vaccination of wild boars-feral pigs, monitoring efficacy of vaccination, eradication measures*
- *Areas of implementation of the programme*

*(max. 32000 chars) :*

The main objective of CSF eradication and control programme is oral vaccination of wild boar within infected area.

Due to detection of new CSF cases in wild boar (since June, 2014) outside the vaccination area (still within CSF infected area as defined by the Commission decision 2013/90/EU), CSF vaccination has been extended to whole CSF infected area ~ 9000 km<sup>2</sup>.

Three double vaccination campaigns per year (spring, summer and autumn). In each double vaccination campaign planned to used 60 000 baits and 180 000 CSF vaccine baits per year in territory of Latvia. For the control of vaccination efficiency 59 animals/200 km<sup>2</sup> will be hunted and blood samples and organs will be taken (samples obtained in a frame of surveillance programme will be used for this purpose) for serological and virological testing. Differentiation between field virus strain and vaccine virus strain will be performed.

Other important component of the programme is surveillance of domestic pig holdings located within infected area.

### 4. Measures of the submitted programme

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## 4.1 Organisation, supervision and role of all stakeholders involved in the programme

### Describe

- The competent authorities (CA) involved in the implementation of the programme and their responsibilities
- Other stakeholders involved in the implementation of the programme, their role and their communication channels with the CA.

(max. 32000 chars) :

Food and Veterinary Service (FVS): Competent authority in Latvia responsible for animal health surveillance and control.

- Territorial structural units (TSU) of FVS - carry out the functions of FVS - surveillance, control, prevention and eradication of the infectious animal diseases in a definite part of territory of the Republic of Latvia.

There is State Senior Veterinary inspector in each TSU and he is responsible for the state surveillance of the infectious animal diseases in their surveillance territory. The State Senior Veterinary Inspector manages and co-ordinates the animal infectious disease outbreak control measures in the relevant territory, manages activities of Local Crisis Centre.

- Institute of Food Safety, Animal Health and Environment - "BIOR" performs the National Reference Laboratory functions in respect of animal infectious diseases diagnostics.

- State Forest Service – competent authority in Latvia responsible for hunting control and collection of wildlife population data.

- Local Crisis Centre consists of representatives from local municipality, State Fire and Rescue service, State Police, State Environmental Service, Food and Veterinary Service, State Forest Service etc., and it organizes and co-ordinates the measures of animal infectious disease outbreak control and elimination of consequences thereof in the respective territory.

- CSF Expert group is headed by FVS and consists of representatives of Institute of Food Safety, Animal Health and Environment – “BIOR” (NRL), State Forest Service, wildlife biologist, Latvian pig keeper association, JSC “Latvia State Forests” and Latvian Hunter association.

## 4.2 Description and demarcation of the geographical and administrative areas in which the programme is to be implemented

Describe the name and surface of the areas where the following activities are implemented (if administrative units are not used, describe the natural or artificial boundaries used to determine the geographical areas) :

- surveillance in holdings
- surveillance in wild boars/feral pigs
- vaccination in holdings and monitoring the efficacy of the vaccination
- vaccination in wild boar/feral pigs and monitoring the efficacy of the vaccination

Add maps as necessary .

(max. 32000 chars) :

The infected area is a 20 - 50 km wide region in the east of Latvia along the border with Russian Federation and Belarus with a surface of about 9 000 sq km (attached document 1). This area has been defined based on the results of the epidemiological considerations, the geographical distribution of the disease and the unknown epidemiological CSF situation in the wild boar population in Russian Federation and Belarus. The minimum distance of 20 km from border has been defined since maximum distance of moving of wild boar is considered up to this area and no positive wild boar found. The maximum distance of 50 km from border is established in areas where positive findings of CSF in wild boars were detected. The infected area comprises the administrative territories listed in attached annex.

## Standard requirements for the submission of programme for eradication, control and monitoring

In addition to the infected area a risk area has been defined for monitoring the wild boar population. The risk area is at least 10 km wide and is neighboring the infected area in the west with a surface of about 5 000 sq km (attached doc 2). Within the risk areas 43 parishes are located (see attached map). The infected and risk areas form a "Cordon sanitaire" to avoid spreading of CSF to other parts of Latvia and to other Member States.

### 4.3 Description of the measures of the programme

#### 4.3.1 Notification of the disease

(max. 32000 chars) :

CSF is mandatory notifiable disease in Latvia.

Animal owners must immediately notify to veterinarian on animal death, abortions, simultaneous affection of several animals and any case, which arise suspicions that animal are affected by infectious disease (Chapter XI, Article 59, point 8.a of the Law of Veterinary medicine).

Regulation of Cabinet of Ministers No 127, 21 February, 2012 "Regulation on registrable and notifiable infectious diseases under state control and information to be provided to the Food and Veterinary Service (Repealing Order No 241, 21.09.2001 issued by Food and Veterinary Service determines the list of diseases (including CSF) immediately notified to the Central Authority of Food and Veterinary Service and FVS Order No.6, 08.01.2009.)

Requirements on notification of CSF suspects are also determined in Regulation of Cabinet of Ministers No. 991 (30 November, 2004) "CSF control and eradication measures" (National legislation) and EC directive 2001/89/EC.

#### 4.3.2 Target animals and animal population

##### Describe

- The pig industry, type and number of farms
- Feral pigs-wild boar distribution in the country
- Target population
  - for surveillance and or vaccination in holdings
  - for surveillance and or vaccination in feral pigs/wild boar

(max. 32000 chars) :

The estimated wild boar population within infected area is about 8000 animals.

There are 3251 domestic pig holdings within CSF infected area with 21 980 pigs. The number of pigs is fluctuating during the year since in many holdings pigs are kept seasonally and slaughtered in winter. The majority of the pigs are kept in back yard holdings for own consumption and for the local market and are slaughtered during Christmas time. The biosecurity in the majority of the holdings has to be regarded as relatively poor.

#### 4.3.3 Identification of animals and registration of holding including detailed reference to relevant Union legislation and its implementation in the Member State for this disease

(max. 32000 chars) :

Regulation of Cabinet of Ministers No 650, 16 August, 2011 "Order of registration of animals, herds and

## Standard requirements for the submission of programme for eradication, control and monitoring

holdings and identification of animals” determines procedures of identification of pigs (Repealing Regulation of Cabinet of Ministers No 712, 16 December, 2003 “Order of registration of animals, herds and holdings and identification of animals”).

Sows and boars must be identified by ear tag. Movement of animals, realization of products are allowed if herd, holding is registered, animals are identified accordingly requirements of regulation.

Pigs must be identified individually before movement.

### 4.3.4 Rules of the movement of animals including detailed reference to relevant Union legislation and its implementation in the Member State for this disease

(max. 32000 chars) :

Regulation of Cabinet of Ministers No 650, 16 August, 2011 “Order of registration of animals, herds and holdings and identification of animals” determines procedures of identification of pigs (Repealing Regulation of Cabinet of Ministers No 712, 16 December, 2003 “Order of registration of animals, herds and holdings and identification of animals”).

All domestic pigs should be identified by ear tag. Movement of animals, realization of products are allowed if herd, holding is registered, animals are identified accordingly requirements of regulation.

Pigs leaving the farm must be identified by ear tag.

Pigs from farms located within CSF infected area can be moved only within zone with specific permission issued by Competent authority. Pigs and wild boar can not be moved outside infected area.

### 4.3.5 Tests used and sampling and testing schemes including detailed reference to relevant Union legislation and its implementation in the Member State for this disease

#### Describe

- The test used, when are to be used and in which animals
- Sampling schemes at holding level and at animal level and the criteria to include an animal or a holding in the sampling scheme
- Sampling scheme in wild populations

(max. 32000 chars) :

The sampling strategy for wild boar is following the diagnostic manual for CSF (Commission Decision 2002/106/EC, Part H of the Annex). The minimum number of animals to be sampled within a defined sampling unit will be at least 59 animals to allow detection of 5 % sero-prevalence with 95 % confidence. The sampling will be conducted over a period of one year.

The sampling units within the Cordon sanitaire have the size of about 200 km<sup>2</sup> on the territory of one or two parishes. There are 41 sampling units in the infected area and 24 in the risk area. Approximately 4000 wild boar will be sampled and tested during the year.

Hunters will be instructed and required to comply with provisions to avoid spreading the disease. Each hunted or founded dead wild boar will be examined on CSF using ELISA and PCR. Carcasses of the hunted wild boar will be stored until lab results will be received. All carcasses of CSF positive animals will be disposed under supervision of Food and Veterinary service.

An epidemiological enquiry performed by the FVS will be conducted on each wild boar whether shot or found dead. This enquiry will include the completion of a template questionnaire which supplies information about:

- (i) the geographical area where the animal was found dead or shot,
- (ii) the date on which the animal was found dead or shot,



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- (iii) the person who found or shot the animal,
- (iv) the age and sex of the animal,
- (v) if shot, symptoms before death,
- (vi) if found dead: the state of the carcass.

All data including the results of virological and serological tests will be collected in a national data base in order to be assessed and analysed.

Regular surveillance will be carried in high risk back yard farms.

All pig holdings located within the CSF infected area are categorized in 4 categories (depending on the number and category of pigs) and testing scheme will be adapted to each category. Pigs will be sampled and tested to detect 5-10% prevalence with 95% confidence using ELISA.

Pig holding categorisation and appropriate sampling scheme are defined in accordance with Commission Implementing Decision of 2013/90/EU "approving the plan for the eradication of classical swine fever in feral pigs and the emergency vaccination of such pigs in certain areas of Latvia" 18.02.2013.

Category I: Large commercial farms (breeders and fatteners with more than 200 pigs);

Category II: Small breeding farms with one or more breeding animals;

Category III: Small fattening farms with more than 10 fattening pigs;

Category IV: Backyard holdings where fattening pigs are kept for own consumption (up to 10).

For each category of holdings an appropriate surveillance scheme for clinical and laboratory examinations will be implemented.

The survey will be conducted as follows:

- in large commercial farms clinical examinations by official vets every three months (4/year); serological investigations to detect 10% antibody prevalence with 95% confidence twice a year;
- in small breeding farms clinical examinations by official vets every three months (4/year) and serological investigations to detect 5% antibody prevalence with 95% confidence twice a year;
- in small fattening farms clinical examinations by official vets every three months (4/year); serological investigations to detect 10% antibody prevalence with 95% confidence twice a year;
- in backyard holdings official vets make sampling for laboratory testing in case of suspicion and from 20% of holdings randomly to allow a detection of 10 % seroprevalence with 95 % confidence.

In addition each house slaughtered pig has to be inspected by authorized veterinarian and sampling ensured in the case of suspicion.

### 4.3.6 Vaccines used and vaccination schemes including detailed reference to relevant Union legislation and its implementation in the Member State for this disease

#### Describe

- Vaccines to be used in the programme
- In case of feral pigs, type of holdings to be vaccinated
- In case of feral pig-wild boar, bait density to be achieved in each area of the programme
- Sampling scheme and tests used to verify the efficacy of the vaccination



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(max. 32000 chars) :

Wild boar vaccination has been initiated in 2013 and will be continued during 2016-2018.

Due to detection of new CSF cases in wild boar (since June, 2014) outside the vaccination area (still within CSF infected area as defined by the Commission decision 2013/90/EU), CSF vaccination has been extended to whole CSF infected area ~ 9000 km<sup>2</sup>.

Three double vaccination campaigns per year (spring, summer and autumn). In each double vaccination campaign planned to used 60 000 baits and 180 000 CSF vaccine baits per year in territory of Latvia.

The vaccine to be used is a live virus vaccine based on the attenuated CSF virus strain "C". In principle the same vaccination scheme will be used which has been successfully used during the last years in Germany and France.

For the control of vaccination efficiency 59 animals/200 km<sup>2</sup> will be hunted and blood samples and organs will be taken (samples obtained in a frame of surveillance programme will be used for this purpose) for serological and virological testing. Differentiation between field virus strain and vaccine virus strain will be performed.

Vaccination for domestic pigs is not planned.

### 4.3.7 Information and assessment on bio-security measures management and infrastructure in place in the holdings involved.

(max. 32000 chars) :

According to amendment in national legislation (Rules of Cabinet of Ministers No. 621 from 20 August, 2013) each domestic pig holdings (backyard) must ensure:

1. Forbidden to enter for unauthorized persons.
2. Disinfectant gate (carpet) at the entrance.
3. Exchange clothes and boots, provided only for animal handling.
4. Forbidden to keep pigs in open areas and owner must prevent any contact with wild boar and stray animals.
5. Forbidden swill feeding to pigs.

In a case pig owners cannot ensure minimum biosecurity requirements they are not allowed to keep pigs.

### 4.3.8 Measures in case of a positive result including detailed reference to relevant Union legislation and its implementation in the Member State for this disease

*A description is provided of the measures as regards positive animals and detailed refernece to the Union legislation provisions (slaughter, destination of carcasses, use or treatment of animal products, the destruction of all products which could transmit the disease or the treatment of such products to avoid any possible contamination, a procedure for the disinfection of infected holdings, the therapeutic or preventive treatment chosen, a procedure for the restocking with healthy animals of holdings which have been depopulated by slaughter and the creation of a surveillance zone around infected holding). A definition of a suspicion and of a confirmation should be provided, with detailed measures implemented in both situation and how the herd is requalified as free after a positive result.*

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(max. 32000 chars) :

For domestic pigs - according to Article 4 of the Council directive 2001/89/EC .  
For wild boar - according to Article 15 of the Council directive 2001/89/EC . Each hunted or founded dead wild boar will be examined on CSF using ELISA and PCR. Carcasses of the hunted wild boar will be stored until lab results will be received. All carcasses of CSF positive animals will be disposed under supervision of Food and Veterinary service.

### 4.3.9 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

Compensation scheme is in place in Latvia for domestic pigs in a case of epizootics.  
The rules for compensation and fixed amounts for various categories of animals are determined by Regulation of Cabinet of Ministers No.177 (15 March, 2005).

### 4.3.10 Control on the implementation of the programme and reporting including detailed reference to relevant Union legislation and its implementation in the Member State for this disease

(max. 32000 chars) :

Food and Veterinary Service is responsible for implementation and control of the CSF eradication and control in Latvia. FVS will provide EC and other EU Member States with actual information on development of epidemiological situation and progress achieved by the program.

## 5. Benefits of the programme

A description is provided of the benefits of the programme on the economical and animal health points of view.

Describe

- progress expected compared to the situation of the disease in the previous years, in line with the objectives and expected results
- cost efficiency of the programme including management costs

(max. 32000 chars) :

The program will allow to control and eradicate CSF in infected area. Disease will be limited in infected area by vaccination of wild boar. Domestic pig industry in Latvia and other EU Member states will be protected from further spread of CSF infection.

## Standard requirements for the submission of programme for eradication, control and monitoring

### B. Targets

#### B.1 Disease surveillance in domestic pigs to be carried out

##### Targets for year: 2016

Country	Region	Type of farms	Total number of farms	Number of farms to be sampled	Number of animals to be sampled	Expected number of farms with serologically positive result	Expected number of farms with active infection detected
LATVIJA	surveillance area	Commercial	122	122	2 000	0	0
LATVIJA	surveillance area	Backyard	2 232	500	6 000	0	0
			Totals : 2 354	622	8 000	0	0
						<b>Add a new row</b>	
						<b>Total number of animals to be sampled in MS</b>	8 000

##### Targets for year: 2017

Country	Region	Type of farms	Total number of farms	Number of farms to be sampled	Number of animals to be sampled	Expected number of farms with serologically positive result	Expected number of farms with active infection detected
LATVIJA	surveillance area	Commercial	122	122	2 000	0	0
LATVIJA	surveillance area	Backyard	2 232	500	6 000	0	0

## Standard requirements for the submission of programme for eradication, control and monitoring

Totals : 2 354		622	8 000	0	0
<b>Total number of animals to be sampled in MS</b>					
				<b>Add a new row</b>	
				8 000	

### *Targets for year: 2018*

Country	Region	Type of farms	Total number of farms	Number of farms to be sampled	Number of animals to be sampled	Expected number of farms with serologically positive result	Expected number of farms with active infection detected
LATVIJA	surveillance area	Commercial	122	122	2 000	0	<b>X</b>
LATVIJA	surveillance area	Backyard	2 232	500	6 000	0	<b>X</b>
Totals : 2 354				622	8 000	0	0
<b>Total number of animals to be sampled in MS</b>						<b>Add a new row</b>	
						8 000	

### *B.2 Disease surveillance in feral pigs/wild boar to be carried out*

### *Targets for year: 2016*

Country	Region	Estimation of the population	Method of estimation used	Species	Type surveillance	Number of animals to be tested	Expected animals positive
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## Standard requirements for the submission of programme for eradication, control and monitoring

LATVIJA	CSF infected and risk area	7 000	Hunting bag	wild boar	Active	3500	20	X
LATVIJA	CSF infected and risk area	7 000	Hunting bag	wild boar	Passive	500	3	X
<b>Totals :</b>		14 000				4 000	23	
<b>Total number of animals to be tested in MS</b>								
								4 000

### Targets for year: 2017

Country	Region	Estimation of the population	Method of estimation used	Species	Type surveillance	Number of animals to be tested	Expected animals positive	
LATVIJA	CSF infected and risk area	7 000	Hunting bag	wild boar	Active	3500	10	
LATVIJA	CSF infected and risk area	7 000	Hunting bag	wild boar	Passive	500	1	
<b>Totals :</b>		14 000				4 000	11	
<b>Total number of animals to be tested in MS</b>								
								4 000

### Targets for year: 2018

Country	Region	Estimation of the population	Method of estimation used	Species	Type surveillance	Number of animals to be tested	Expected animals positive

## Standard requirements for the submission of programme for eradication, control and monitoring

LATVIJA	CSF infected and risk area	7 000	Hunting bag	wild boar	Active	3500	0	X
LATVIJA	CSF infected and risk area	7 000	Hunting bag	wild boar	Passive	500	0	X
<b>Totals :</b>		14 000				4 000	0	
<b>Add a new row</b>								
<b>Total number of animals to be tested in MS</b>								4 000

### B.3 Feral pigs/wild boar oral vaccination to be carried out

#### Targets for year: 2016

Country	Region	Month	Product used	Number of baits to be delivered	Size of the area to be vaccinated in km <sup>2</sup>
LATVIJA	CSF infected area	4	RIEMSER ® Schweinepestoralvakzine	60 000	9 000
LATVIJA	CSF infected area	7	RIEMSER ® Schweinepestoralvakzine	60 000	9 000
LATVIJA	CSF infected area	10	RIEMSER ® Schweinepestoralvakzine	60 000	9 000
<b>Totals :</b>				180000	
<b>Add a new row</b>					
<b>Total vaccine and bait for wild animals in MS</b>					180 000

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<b>Total vaccine and bait for wild animals in neighbouring third countries</b>	0
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## Targets for year: 2017

Country	Region	Month	Product used	Number of baits to be delivered	Size of the area to be vaccinated in km <sup>2</sup>
LATVIJA	CSF infected area	4	RIEMSER ® Schweinepestoralvakzine	60 000	9 000 <b>X</b>
LATVIJA	CSF infected area	7	RIEMSER ® Schweinepestoralvakzine	60 000	9 000 <b>X</b>
LATVIJA	CSF infected area	10	RIEMSER ® Schweinepestoralvakzine	60 000	9 000 <b>X</b>
<b>Totals :</b>				180000	
				<b>Add a new row</b>	
<b>Total vaccine and bait for wild animals in MS</b>				180 000	
<b>Total vaccine and bait for wild animals in neighbouring third countries</b>				0	

## Targets for year: 2018

Country	Region	Month	Product used	Number of baits to be delivered	Size of the area to be vaccinated in km <sup>2</sup>
LATVIJA	CSF infected area	4	RIEMSER ® Schweinepestoralvakzine	60 000	9 000 <b>X</b>
LATVIJA	CSF infected area	7	RIEMSER ® Schweinepestoralvakzine	60 000	9 000 <b>X</b>



## Standard requirements for the submission of programme for eradication, control and monitoring

LATVIJA	CSF infected area	10	RIEMSER ® Schweinepestoralvaksine	60 000	9 000	<b>X</b>
Totals :						
				180000		
<b>Total vaccine and bait for wild animals in MS</b>						
				180 000		
<b>Total vaccine and bait for wild animals in neighbouring third countries</b>						
				0		

### B.4 Stratified data on diagnostic test and results

Targets for year: **2016**

Country	Region	Animal population	Laboratory tests used	Type of sample	Number of animals to be tested	Number of tests to be carried out	Expected number of positive results	Comments
LATVIJA	CSF infected area	Feral pigs	ELISA ab	Blood	4 000	4000	1800	vaccination effectiveness co <b>X</b>
LATVIJA	CSF infected area	Feral pigs	PCR	Tissue	4 000	4000	23	surveillance <b>X</b>
LATVIJA	CSF infected area	Domestic pigs	ELISA ab	Blood	8 000	8000	0	surveillance <b>X</b>
LATVIJA	CSF infected area	Feral pigs	Live vaccine titratic	CSF vaccine	3	3	3	Live vaccine titration <b>X</b>
Totals :					16 003	16 003	1 826	
<b>Add a new row</b>								
<b>Total tests ELISA in MS</b>					12 000			

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<b>Total tests PCR in MS</b>		4 000
<b>Total tests Virus isolation/virological test in MS</b>		0
<b>Total tests (Other) in MS</b>		3

Targets for year: **2017**

Country	Region	Animal population	Laboratory tests used	Type of sample	Number of animals to be tested	Number of tests to be carried out	Expected number of positive results	Comments	
LATVIJA	CSF infected area	Feral pigs	ELISA ab	Blood	4 000	4000	2000	vaccination effectiveness CO <sup>+</sup>	<b>X</b>
LATVIJA	CSF infected area	Feral pigs	PCR	Tissue	4 000	4000	11	surveillance	<b>X</b>
LATVIJA	CSF infected area	Domestic pigs	ELISA ab	Blood	8 000	8000	0	surveillance	<b>X</b>
LATVIJA	CSF infected area	Feral pigs	Live vaccine titratic	CSF vaccine	3	3	3	Live vaccine titration	<b>X</b>
<b>Totals :</b>						16 003	2 014		
<b>Add a new row</b>									
<b>Total tests ELISA in MS</b>						12 000			
<b>Total tests PCR in MS</b>						4 000			
<b>Total tests Virus isolation/virological test in MS</b>						0			
<b>Total tests (Other) in MS</b>						3			

# Standard requirements for the submission of programme for eradication, control and monitoring

## Targets for year: 2018

Country	Region	Animal population	Laboratory tests used	Type of sample	Number of animals to be tested	Number of tests to be carried out	Expected number of positive results	Comments	
LATVIJA	CSF infected area	Feral pigs	ELISA ab	Blood	4 000	4000	2200	vaccination effectiveness CO <sup>+</sup>	X
LATVIJA	CSF infected area	Feral pigs	PCR	Tissue	4 000	4000	0	surveillance	X
LATVIJA	CSF infected area	Domestic pigs	ELISA ab	Blood	8 000	8000	0	surveillance	X
LATVIJA	CSF infected area	Feral pigs	Live vaccine titratic	CSF vaccine	3	3	3	Live vaccine titration	X
<b>Totals :</b>					16 003	16 003	2 203		
<b>Add a new row</b>									
					<b>Total tests ELISA in MS</b>	12 000			
					<b>Total tests PCR in MS</b>	4 000			
					<b>Total tests Virus isolation/virological test in MS</b>	0			
					<b>Total tests (Other) in MS</b>	3			

# Standard requirements for the submission of programme for eradication, control and monitoring

## C. Detailed analysis of the cost of the programme

### C.1 Costs of the planned activities for year: **2016**

The blocks are repeated multiple times in case of first year submission of multiple program.

To facilitate the handling of your cost data, you are kindly requested to:

1. Fill-in the text fields IN ENGLISH
2. Limit as much as possible the entries to the pre-loaded options where available.
3. If you need to further specify a pre-loaded option, please keep the pre-loaded text and add your clarification to it in the same box.

1. Testing							
Cost related to	Specification	Unit	Number of units	Unitary cost at 100% / Ceiling in EUR	Total amount in EUR	Union funding requested	
Sampling	Wild animals	Individual animal	4 000	10	40000	yes	<b>X</b>
Sampling	Domestic animals	Individual animal	8 000	0.55	4400	yes	<b>X</b>
Tests	ELISA	Individual or pooled sample test	12 000	3.38	40560	yes	<b>X</b>
Tests	PCR	Individual or pooled sample test	4 000	19.01	76040	yes	<b>X</b>
Tests	Other tests	Individual or pooled sample test	3	146.68	440,04	yes	<b>X</b>
2. Vaccination in wild boars and feral pigs							

## Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100% / Ceiling in EUR	Total amount in EUR	Union funding requested
Cost related to	Specification	Unit	Number of units	Unitary cost at 100% / Ceiling in EUR	Total amount in EUR	Union funding requested
Vaccine and bait for wild animals in MS	Vaccine and bait	Vaccine dose or bait	180 000	0.8	144,000	yes <b>X</b>
Distribution of oral vaccine for wild animals (per dose) in MS	Vaccine and bait	Vaccine dose or bait	180 000	0.47	84600	yes <b>X</b>
Purchase and distribution of oral vaccine and baits (per dose) in neighbouring third countries	Oral vaccine dose or bait	Vaccine dose or bait	0	0	0	yes <b>X</b>
<b>3. Compensation paid to owners</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	
<b>4. Cleaning and disinfection</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
					<b>Add a new row</b>	
					<b>Add a new row</b>	
<b>5. Slaughtering/culling costs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	
<b>6. Other costs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	

# Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100% / Ceiling in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
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	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	

# Standard requirements for the submission of programme for eradication, control and monitoring

## C.1 Costs of the planned activities for year: **2017**

The blocks are repeated multiple times in case of first year submission of multiple program.

To facilitate the handling of your cost data, you are kindly requested to:

1. Fill-in the text fields IN ENGLISH
2. Limit as much as possible the entries to the pre-loaded options where available.
3. If you need to further specify a pre-loaded option, please keep the pre-loaded text and add your clarification to it in the same box.

1. Testing						
Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
Sampling	Domestic animals	Individual animal	8 000	0.55	4400	yes <b>X</b>
Sampling	Wild animals	Individual animal	4 000	10	40000	yes <b>X</b>
Tests	ELISA	Individual or pooled sample test	12 000	3.38	40560	yes <b>X</b>
Tests	PCR	Individual or pooled sample test	4 000	19.01	76040	yes <b>X</b>
Tests	Other tests	Individual or pooled sample test	3	146.68	440,04	yes <b>X</b>
2. Vaccination in wild boars and feral pigs						
Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
Vaccine and bait for wild animals in MS	Vaccine and bait	Vaccine dose or bait	180 000	0.8	144,000	yes <b>X</b>



## Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100% / Ceiling in EUR	Total amount in EUR	Union funding requested
Distribution of oral vaccine for wild animals (per dose) in MS	Vaccine and bait	Vaccine dose or bait	180 000	0,47	84600	yes <b>X</b>
Purchase and distribution of oral vaccine and baits (per dose) in neighbouring third countries	Oral vaccine dose or bait	Vaccine dose or bait	0	0	0	yes <b>X</b>
<b>3. Compensation paid to owners</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	
<b>4. Cleaning and disinfection</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
					<b>Add a new row</b>	
					<b>Add a new row</b>	
<b>5. Slaughtering/culling costs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	
<b>6. Other costs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	
					<b>Add a new row</b>	
	<b>Total</b>				390 040,04 €	

## Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100% / Ceiling in EUR	Total amount in EUR	Union funding requested
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
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	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	

### C.1 Costs of the planned activities for year:

**2018**

The blocks are repeated multiple times in case of first year submission of multiple program.

To facilitate the handling of your cost data, you are kindly requested to:

1. Fill-in the text fields IN ENGLISH
2. Limit as much as possible the entries to the pre-loaded options where available.
3. If you need to further specify a pre-loaded option, please keep the pre-loaded text and add your clarification to it in the same box.

# Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
<b>1. Testing</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
Sampling	Domestic animals	Individual animal	8 000	0.55	4400	yes <b>X</b>
Sampling	Wild animals	Individual animal	4 000	10	40000	yes <b>X</b>
Tests	ELISA	Individual or pooled sample test	12 000	3.38	40560	yes <b>X</b>
Tests	PCR	Individual or pooled sample test	4 000	19.01	76040	yes <b>X</b>
Tests	Other tests	Individual or pooled sample test	3	146.68	440,04	yes <b>X</b>
<b>2. Vaccination in wild boars and feral pigs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
Purchase and distribution of oral vaccine and baits (per dose) in neighbouring third countries	Oral vaccine dose or bait	Vaccine dose or bait	0	0	0	yes <b>X</b>
Vaccine and bait for wild animals in MS	Vaccine and bait	Vaccine dose or bait	180 000	0.8	144,000	yes <b>X</b>
Distribution of oral vaccine for wild animals (per dose) in MS	Vaccine and bait	Vaccine dose or bait	180 000	0.47	84600	yes <b>X</b>
<b>3. Compensation paid to owners</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested

# Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
<b>4. Cleaning and disinfection</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
					<b>Add a new row</b>	<b>Add a new row</b>
					<b>Add a new row</b>	<b>Add a new row</b>
<b>5. Slaughtering/culling costs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	<b>Add a new row</b>
<b>6. Other costs</b>						
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
					<b>Add a new row</b>	<b>Add a new row</b>
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
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	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	

## Standard requirements for the submission of programme for eradication, control and monitoring

Cost related to	Specification	Unit	Number of units	Unitary cost at 100%/ Ceiling in EUR	Total amount in EUR	Union funding requested
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	
	<b>Total</b>				390 040,04 €	

### C.2. Financial informaton

#### 1. Identification of the implementing entities - financial circuits/flows

Identify and describe the entities which will be in charge of implementing the eligible measures planned in this programme which costs will constitute the reimbursement/payment claim to the EU. Describe the financial flows/circuits followed.

Each of the following paragraphs (from a to e) shall be filled out if EU cofinancing is requested for the related measure.

a) Implementing entities - **sampling**: who perform the official sampling? Who pays? (e.g. authorised private vets perform the sampling and are paid by the regional veterinary services (state budget); sampling equipment is provided by the private laboratory testing the samples which includes the price in the invoice which is paid by the local state veterinary services (state budget))

(max. 32000 chars) :

Domestic pigs sampling will be performed by official vets and authorized veterinarians.

## Standard requirements for the submission of programme for eradication, control and monitoring

Wild boar sampling will be performed by official vets, authorized veterinarians and hunters.  
All costs will be covered from state budget.

- b) Implementing entities - **testing**: who performs the testing of the official samples? Who pays?  
(e.g. regional public laboratories perform the testing of official samples and costs related to this testing are entirely paid by the state budget)

(max. 32000 chars):

Institute of Food Safety, Animal Health and Environment - "BIOR" performs the National Reference Laboratory functions in respect of animal infectious diseases diagnostics.

- c) Implementing entities - **compensation**: who performs the compensation? Who pays?  
(e.g. compensation is paid by the central level of the state veterinary services,  
or compensation is paid by an insurance fund fed by compulsory farmers contribution)

(max. 32000 chars):

Compensations will be paid from state budget. The rules for compensation and fixed amounts for various categories of animals are determined by Regulation of Cabinet of Ministers No.177 (15 March, 2005).

- d) Implementing entities - **vaccination**: who provides the vaccine and who performs the vaccination? Who pays the vaccine? Who pays the vaccinator?  
(e.g. farmers buy their vaccine to the private vets, send the paid invoices to the local state veterinary services which reimburse the farmers of the full amount and the vaccinator is paid by the regional state veterinary services)

## Standard requirements for the submission of programme for eradication, control and monitoring

*(max. 32000 chars):*

wild boar vaccination will performed by FVS in collaboration with hunters. All costs will be covered by state budget.

e) Implementing entities - **other essential measures**: who implement this measure? Who provide the equipment/service? Who pays?

*(max. 32000 chars):*

The Food and Veterinary Service is responsible for implementation and control of the CSF control and prevention in Latvia. FVS will coordinate involvement of other institutions in the activities related with CSF control. All costs regarding to prophylactic and eradication measures will be covered by state budget.

### 2 Co-financing rate (see provisions of applicable Work Programme)

The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Regulation (EU) No 652/2014, we request that the co-financing rate for the reimbursement of the eligible costs would be increased:

- Up to 75% for the measures detailed below
- Up to 100% for the measures detailed below



## Standard requirements for the submission of programme for eradication, control and monitoring

Please explain for which measures and why co-financing rate should be increased to 75% (max 32000 characters)

Article 5. 2. (b) For Latvia gross national income per inhabitant based on the latest Eurostat data is less than 90 % of the Union average.

### 3. Source of funding of eligible measures

All eligible measures for which cofinancing is requested and reimbursement will be claimed are financed by public funds.

yes

no

# Standard requirements for the submission of programme for eradication, control and monitoring

## Attachments

**IMPORTANT :**

- 1) The more files you attach, the longer it takes to upload them .
- 2) This attachment files should have one of the format listed here : **jpg, jpeg, tiff, tif, xls, xlsx, doc, docx, ppt, pptx, bmp, pna, pdf.**
- 3) The total file size of the attached files should not exceed 2.500Kb (+- 2.5 Mb). You will receive a message while attaching when you try to load too much.
- 4) IT CAN TAKE **SEVERAL MINUTES TO UPLOAD ALL THE ATTACHED FILES**. Don't interrupt the uploading by closing the pdf and wait until you have received a Submission Number!
- 5) Only use letters from a-z and numbers from 1-10 in the attachment names, otherwise the submission of the data will not work.

## List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_ ) :	File size
	csf epidemiological map 2014.pdf	csfepidemiologicalmap2014.pdf	190 kb
		Total size of attachments :	190 kb

Standard requirements for the submission of programme for eradication, control and monitoring