EUROPEAN COMMISSION
HEALTH AND CONSUMERS DIRECTORATE-GENERAL

Director General

SANCO/10523/2014

Programmes for the eradication, control and monitoring of certain animal diseases and zoonoses

The programme for the eradication of rabies

Latvia

Approved* for 2014 by Commission Decision 2013/722/EU

* in accordance with Council Decision 2009/470/EC

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

version : 2.23

PROGRAMME for ERADICATION :
ANNEX I

Member States seeking a financial contribution from the Union for national programmes for the eradication, control and monitoring of animal diseases and zoonosis listed below, shall submit applications containing at least the information set out in this form.

Bovine brucellosis, bovine tuberculosis, ovine and caprine brucellosis (B. melitensis), bluetongue in endemic or high risk areas, african swine fever, swine vescicular disease, classical swine fever, rabies.

The central data base keeps all submissions. However only the information in the last submission is shown when viewing and used when processing the data.

If encountering difficulties, please contact
SANCO-BO@ec.europa.eu

Instructions to complete the form:

1) In order to fill in and submit this form you must have at least the ADOBE version

Acrobat Reader 8.1.3

(example : 8.1.3, 8.1.4, 8.1.7, 9.1, 9.2,...), otherwise you will not be able to use the form.

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2) Please provide as much information as possible. If you have no data for some fields then put the text "NA" (Not applicable) in this field or 0 if it is a numeric field. If you need clarifications on some of the information requested, then please contact SANCO-BO@ec.europa.eu.

3) To verify your data entry while filling your form, you can use the "verify form" button at the top of each page. If the form is not properly and completely filled in, an alert box will appear indicating the number of incorrect fields. Please use the "verify form" button untill all fields are correctly filled in. **It is mandatory to fill in the box about Animal populations to make the rest of the questions visible.** *If you still have any difficulties, please contact SANCO-BO@ec.europa.eu.*

4) When you have finished filling the form, verify that your internet connection is active and then click on the "submit notification" button below. If the form is properly filled in, the notification will be submitted to the server and a submission number + submission date will appear in the corresponding field.

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Friday, September 06, 2013 21:11:18

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1. Identification of the programme

Member state : LATVIJA

Disease Rabies

Species : Foxes and other wild carnivores

This program is multi annual : yes

Type of submission : New multiannual programme

Request of Union co-financing from beginning of : 2014 *To end of* 2016

1.1 Contact

Name : Martins Serzants

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Email : martins.serzants@pvd.gov.lv

2. Historical data on the epidemiological evolution of the disease

Provide a concise description on the target population (species, number of herds and animals present and under the programme), the main measures (sampling and testing regimes, eradication measures applied, qualification of herds and animals, vaccination schemes) and the main results (incidents, prevalence, qualification of herds and animals). The information is given for distinct periods if the measures were substantially modified. The information is documented by relevant summary epidemiological tables (point 6), complemented by graphs or maps (to be attached).

(max. 32000 chars) :

Canine rabies was registered in Latvia until 1960, the situation changed in early sixties when most of cases were registered in wild animals - foxes and racoon dogs. The outbreaks of rabies are recorded in all 26 administrative regions. One human case was reported in 2003. To reduce the prevalence of rabies and eliminate the sources of infection in the nature (wild animals) Food and Veterinary Service has started the oral vaccination of foxes since 1991. But because of deficiency of budget resources it was not possible to carry out regular vaccination (each year and in all territory of Latvia) and purchase necessary amount of vaccine. Since 2000 the vaccination was carried out in 17 districts, but since 2001 in all 26 administrative districts, but amount of vaccine baits was insufficient. Vaccination was carried out in autumn and spring by distributing vaccine baits twice with 14 days interval. There was no vaccination in 2004 due to delayed start of PHARE project. In 2005 oral vaccination campaigns were carried out in half of territory – 28 000 km2 twice a year, providing 23 baits per 1 km2. Staring from 2006 two vaccination campaigns was organized in all territory of Latvia when 23 – 25 baits per km2 were distributed.

3. Description of the submitted programme

Provide a concise description of the programme with its main objective(s) (monitoring, control, eradication, qualification of herds and/or regions, reducing prevalence and incidence), the main measures (sampling and testing regimes, eradication measures to be applied , qualification of herds and animals, vaccination schemes), the target animal population, the area(s) of implementation and the definition of a positive case.

(max. 32000 chars) :

The submitted programme is prepared with the purpose to distribute vaccine baits in Eastern par of Latvia (buffer zone - to protect Latvia and EU from rabies introduction) twice per year (spring and autumn) to immunize the main reservoirs of rabies in our country – foxes and raccoon dogs. Estimated size of the vaccination buffer zone is 25 600 km2.
However, financial resources from national budget is foreseen for emergency reaction in case of deterioration of the epidemiological situation.
This is a multi-annual program for period 2014 – 2016.
Total amount of vaccine baits to be used in each year is 1 280 000 for all the territory, distributing in two campaigns. Totally 3 840 000 baits will be distributed within three year period (2014 to 2016). Vaccine baits will be distributed by airplanes with distance between flight lines 500 - 600 meters.
For the purpose to control efficiency of vaccination programme covers investigation of 4 animals (foxes, raccoon dogs) per 100 km2 for antibody titre (using Biorad ELISA test), bait uptake (Detection of tetracycline in mandible tissue using luminescent microscopy).

Oral vaccination programme in Belorussia territory.
Program includes oral vaccination of wildlife in Belarus territory to establish 50km buffer zone with Latvia. Total length of Latvia and Belarus border are 167 km.
Implementation of the program will ensured by Food and Veterinary service of Belarus
Liabilities and specification of the activities covered by programme will be included in cross border agreement.
The purpose of the programme is to eradicate Rabies in wildlife (foxes and racoon dogs) by oral vaccination in the buffer zone (Verkhnedvinsk, Ushachi, Docshitci, Glubokoe, Miory, Polotsk, Rossony, Sharkovshchina regions) in Belarus. Vaccine baits will be distributed from airplanes with distance between flight lines 1000 meters twice a year. Some parts of bordering regions are currently included in Lithuanian rabies eradication program, therefore precise area and regions will be defined in an agreement. Approximate area of buffer zone is 10 850 km2.
Passive surveillance will be insured in vaccination are to investigate all suspected cases. Laboratory tests to be used for suspected cases will be fluorescent antibody test (FAT), results will be confirmed using virus isolation in cell cultures. All virus isolates will be sequenced to distinguish between vaccine and field virus.
4 hunted/found dead foxes form every 100 km2 in a vaccination area will be tested to both bait uptake - biomkarker (tetracycline) (luminescent microscopy) and presence of antibodies (ELISA). Laboratory tests most probably will be carried out in rabies OIE Reference laboratory in Russian Federation.

Responsibilities of the Belarus authorities:
1. Purchase of the rabies vaccine baits (according to technical specification of agreement).
2. Ensure distribution of the vaccine baits twice a year (according to technical specification of agreement).
3. Evaluation and control efficiency of the oral vaccination campaigns.
4. Prepare and submit reports on programme implementation (according to requirements set in agreement).

Total amount of vaccine baits to be used in a period of 2014-2016 is planed to be1 500 000.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

Duration of the programme : 2014 - 2016

First year :

- ☐ Control
- ☐ Testing
- ☐ Slaughter and animals tested positive
- ☐ Killing of animals tested positive
- ☒ Vaccination
- ☐ Treatment
- ☐ Disposal of products
- ☐ Eradication, control or monitoring

Last year :

- ☒ Eradication
- ☒ Testing
- ☐ Slaughter of positive animals
- ☐ Killing of animals tested positive
- ☐ Extended slaughter or killing
- ☐ Disposal of products

Other, please specify

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

Describe the authorities in charge of supervising and coordinating the departments responsible for implementing the programme and the different operators involved. Descrive the responsabilities of all involved.

(max. 32000 chars) :

The Food and Veterinary Service (FVS) of the Republic of Latvia is a state administrative institution headed by the CVO and supervised by the Ministry of Agriculture.
The FVS consists of the central body placed in Riga and territorial structural units (the local level) – 10 regional offices and one city (Riga) office. The central body coordinates activities of the local level and ensure a unified implementation of legislation. The local level caries out the official surveillance in accordance with the state surveillance programmes.
The central authority of Food and Veterinary Service elaborates and coordinates the measures of rabies prophylaxis, control and eradication in the Republic of Latvia, registers and analyses rabies epizootic situation, participates at international animal infectious disease reporting systems. FVS also cooperates with specialists from self-governments, the State Forestry Service, Disease Prevention and Control Centre of Latvia and other institutions in order to carry out disease control.

State Senior Veterinary inspectors and State Veterinary inspectors are responsible on surveillance of epizootic situation concerning zoonoses in the territory, organize, coordinate and control execution of demands determined in state; coordinate involvement of state authorized veterinarians in system of state surveillance of zoonoses.
State Authorized Veterinarians carry out several tasks of prophylaxis and eradication of zoonoses determined in legislation and in reglament documentation of FVS. They are involved in Rabies passive surveillance.

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

Describe the name and denomination, the administrative boundaries, and the surface of the administrative and geographical areas in which the programme is to be applied. Illustrate with maps.

(max. 32000 chars) :

Program will be implemented in eastern part of Latvia - near border with Russian Federation and Belarus. Due to favorable rabies epidemiological situation in Latvia it is foreseen to decrease vaccination area focusing to East and creating at least 70 km buferzone from Russia and Belarus. The estimated size of vaccination area in Latvia: 25 600 km^2. In a case of rabies detection outside the vaccination area, emergency oral vaccination and eradication measures will be implemented.
Financial resources from national budget is foreseen for emergency reaction in case of deterioration of the epidemiological situation.
Latvia lies on the Eastern coast of the Baltic Sea. The combined length of the national borders is 1862 km. The length of land borders with Estonia - 343 km, the Eastern with Russia - 282 km, the Southeast with

Belarus – 167 km and the Southern with Lithuania - 576 km. The length of sea border is 494 km.

Program includes oral vaccination of wildlife in Belarus territory to establish 50 - 70 km buffer zone with Latvia. Total length of Latvia and Belarus border are 167 km.
Implementation of the program will ensured by Food and Veterinary service of Belarus
Liabilities and specification of the activities covered by programme will be included in cross border agreement.
The purpose of the programme is to eradicate Rabies in wildlife (foxes and racoon dogs) by oral vaccination in the buffer zone (Verkhnedvinsk, Ushachi, Docshitci, Glubokoe, Miory, Polotsk, Rossony, Sharkovshchina regions) in Belarus. Vaccine baits will be distributed from airplanes with distance between flight lines 1000 meters twice a year. Some parts of bordering regions are currently included in Lithuanian rabies eradication program, therefore precise area and regions will be defined in an agreement. Approximate area of buffer zone is 10 850 km2.
Passive surveillance will be insured in vaccination are to investigate all suspected cases. Laboratory tests to be used for suspected cases will be fluorescent antibody test (FAT), results will be confirmed using virus isolation in cell cultures. All virus isolates will be sequenced to distinguish between vaccine and field virus.
4 hunted/found dead foxes form every 100 km2 in a vaccination area will be tested to both bait uptake - biomkarker (tetracycline) (luminescent microscopy) and presence of antibodies (ELISA). Laboratory tests most probably will be carried out in rabies OIE Reference laboratory in Russian Federation.

Belarus map, with borders of vaccination territory (attached).

4.4 Description of the measures of the programme

A comprehensive description needs to be provided of all measures unless reference can be made to Union legislation. The national legislation in which the measures are laid down is mentioned.

4.4.1 Notification of the disease

(max. 32000 chars) :

Rabies is notifiable disease in Latvia. Animal owners must immediately notify to veterinarian on animal death, aborts, 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 rabies) immediately notified to the Central Authority of Food and Veterinary Service and FVS Order No.6, 08.01.2009.)

4.4.2 Target animals and animal population

(max. 32000 chars) :

4.4.3 Identification of animals and registration of holdings

(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 order of individual identification of cattle, pigs, sheep, goats and horses and registration of holdings of agricultural animals, bee gardens, fishponds, hatcheries of aquatic animals (Repealing Regulation of Cabinet of Ministers No 712, 16 December, 2003 "Order of registration of animals, herds and holdings and identification of animals").
To ensure common data registration system, State Pedigree Information Data Processing Centre (Data Centre) develops register of animals, herds and holdings. Data Centre gives number for holding and this number is not changed during holding or herd is active. Animal owner informs Data centre on animal movement, liquidation of herd or holding, change of owners within seven days.
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 individual identification of cattle (Repealing Regulation of Cabinet of Ministers No 712, 16 December, 2003 "Order of registration of animals, herds and holdings and identification of animals").
All ovine and caprine animals 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.

4.4.4 Qualifications of animals and herds

(max. 32000 chars) :

not applicable

4.4.5 Rules of the movement of animals

(max. 32000 chars) :

Animals can not be moved from holdings were rabies had been confirmed. Duration of the movement restrictions is at least 30 days after cleaning and disinfection.

4.4.6 Tests used and sampling schemes

(max. 32000 chars) :

Fluoriscent antibody test (FAT) is used for detection of rabies virus in suspected animals.
Virus isolation in cell cultures and conventional PCR are used as confirmation tests. Virus sequencing is used for virus typing.
ELISA test is used for detection of seroconvertion (monitoring of vaccination campaigns).
Detection of tetracycline in mandible is used for control of bait uptake.
Titration of vaccine baits - vaccine quality control for each batch before distribution.

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars) :

- On the basis of Law on Veterinary Medicine, FVS prepare annual animal infectious disease surveillance plan, including Rabies determining monitoring tests and amount of vaccine to be distributed in wildlife area.
All measures are carried out on basis of following documents:
- Regulation of Cabinet of Ministers No 178, 23 February, 2010 "Order of rabies eradication and control"
- Food and Veterinary Service Instruction Order No 51 (28 March, 2011) "Program on prophylaxis and eradication of Rabies"
Both documents regulate Rabies control measures when rabies is suspected or confirmed
Regarding oral vaccination of wildlife, there is Animal Infectious Disease State Surveillance Program, approved annually by CVO, where Chapter on oral vaccination is included. Program defines area to be vaccinated, number of vaccine baits and campaigns per year, as well as efficiency evaluation of vaccination campaigns.
Oral vaccination programme in Belarus territory (buffer zone – 10 850 km2) is included in this programme.
General description of the costs and benefits :

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

(max. 32000 chars) :

not appicable

4.4.9 Measures in case of a positive result

A short description is provided of the measures as regards positive animals (slaughter, destination of carcasses, use or treatment of animal products, the destruction of all products which could transmit the disease or the treatmen t 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)

(max. 32000 chars) :

In a case of clinical suspects, animals are killed and sent for laboratory testing or isolated and observed by veterinarian for 10 days.

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

There is no compensation scheme in a case of rabies.

4.4.11 Control on the implementation of the programme and reporting

(max. 32000 chars) :

Food and Veterinary Service is responsible for implementation and control of the rabies eradication and control programme 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 for farmers and society in general

(max. 32000 chars) :

The main objective of the programme is rabies eradication and grant of country free status from rabies. As it is still not agreed with Russian Federation (RF) on establishing buffer zone within territory of RF, Latvia will create buffer zone within own territory bordering Russia and Belarus to protect Latvia and EU from rabies introduction from RF.
It is very important to keep buffer zone in a territory bordering Latvia - in Belarus, in order to protect Latvia and European Union from rabies virus introduction.

6. Data on the epidemiological evolution during the last five years

no

6.1 Evolution of the disease

Evolution of the disease : ○ *Not applicable* ○ *Applicable...*

6.2 Stratified data on surveillance and laboratory tests

6.2.1 Stratified data on surveillance and laboratory tests for year : 2012

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Dogs	microbiological or virological te:	**FAT**	22	1	X
Latvia	Bovine	microbiological or virological te:	**FAT**	13	1	X
Latvia	Cats	microbiological or virological te:	**FAT**	39	0	X
Total				74		
				ADD A NEW ROW		

6.2.1 Stratified data on surveillance and laboratory tests for year : 2011

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Horses	microbiological or virological te:	**FAT**	2	1	X
Latvia	Dogs	microbiological or virological te:	**FAT**	47	0	X
Latvia	Cats	microbiological or virological te:	**FAT**	51	0	X
Latvia	Bovine	microbiological or virological te:	**FAT**	13	0	X

Total				113		
				ADD A NEW ROW		

6.2.1 Stratified data on surveillance and laboratory tests for year : **2010**

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Dogs	microbiological or virological te:	**FAT**	52	2	x
Latvia	Cats	microbiological or virological te:	**FAT**	55	0	x
Latvia	Bovine	microbiological or virological te:	**FAT**	9	0	x
Total				116		
				ADD A NEW ROW		

6.2.1 Stratified data on surveillance and laboratory tests for year : **2009**

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Dogs	microbiological or virological te:	**FAT**	73	7	x
Latvia	Cats	microbiological or virological te:	**FAT**	88	4	x

Latvia	Bovine	microbiological or virological te:	**FAT**	19	0	**X**
Total				180		
				ADD A NEW ROW		

6.2.1 *Stratified data on surveillance and laboratory tests for year :* **2008**

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Latvia	Bovine	microbiological or virological te:	**FAT**	28	6	**X**
Latvia	Dogs	microbiological or virological te:	**FAT**	122	8	**X**
Latvia	Cats	microbiological or virological te:	**FAT**	151	6	**X**
Latvia	horses	microbiological or virological te:	**FAT**	4	0	**X**
Total				305		
				ADD A NEW ROW		

6.3 *Data on infection*

Data on infection ○ *Not applicable* ○ *Applicable...*

6.4 Data on the status of herds

Data on the status of herds : ○ *Not applicable* ○ *Applicable...*

6.5 Data on vaccination or treatment programmes

Data on vaccination or treatment programmes is ○ *Not applicable* ○ *Applicable...*

6.6 Data on wildlife

Data on Wildlife is : ○ *Not applicable* ◉ *Applicable...*

6.6.1 Estimation of wildlife population for year : **2012**

Region	Species	Method of estimation	Estimation of the population	
			ADD A NEW ROW	

6.6.1 Estimation of wildlife population for year : **2011**

Region	Species	Method of estimation	Estimation of the population	
			ADD A NEW ROW	

6.6.1 Estimation of wildlife population for year : **2010**

Region	Species	Method of estimation	Estimation of the population	
Latvia	fox	hunting bag	33 405	X
Latvia	raccoon dog	hunting bag	28 800	X
Latvia	wolf	hunting bag	967	X
Latvia	bobcat	hunting bag	1 681	X
Latvia	badger	hunting bag	12 512	X
Latvia	marten	hunting bag	21 543	X
Latvia	mink	hunting bag	23 967	X
Latvia	beaver	hunting bag	82 750	X
Latvia	polecat	hunting bag	12 406	X
Latvia	roe deer	hunting bag	141 015	X
Latvia	elk	hunting bag	17 509	X

			ADD A NEW ROW	

6.6.1 Estimation of wildlife population for year : **2009**

Region	Species	Method of estimation	Estimation of the population	
Latvia	fox	hunting bag	34 039	X
Latvia	raccoon dog	hunting bag	26 934	X
Latvia	wolf	hunting bag	917	X
Latvia	bobcat	hunting bag	1 553	X
Latvia	badger	hunting bag	12 381	X
Latvia	marten	hunting bag	23 565	X
Latvia	mink	hunting bag	23 847	X
Latvia	beaver	hunting bag	86 915	X
Latvia	polecat	hunting bag	11 687	X
Latvia	roe	hunting bag	186 340	X
Latvia	elk	hunting bag	16 430	X
			ADD A NEW ROW	

6.6.1 Estimation of wildlife population for year : **2008**

Region	Species	Method of estimation	Estimation of the population	
Latvia	fox	hunting bag	34 864	X
Latvia	raccoon dog	hunting bag	24 568	X
Latvia	wolf	hunting bag	816	X
Latvia	bobcat	hunting bag	1 326	X
Latvia	badger	hunting bag	11 483	X
Latvia	marten	hunting bag	22 685	X
Latvia	mink	hunting bag	23 042	X
Latvia	beaver	hunting bag	89 474	X
Latvia	polecat	hunting bag	11 798	X
Latvia	roe	hunting bag	240 204	X
Latvia	elk	hunting bag	15 004	X
			ADD A NEW ROW	

6.6.2 Disease surveillance and other tests in wildlife for year : **2012**

Region	Species	Test type	Test Description	Number of samples tested	Number of positive samples	
Latvia	fox	virological test	FAT	123	0	X
Latvia	racoon dog	virological test	FAT	56	0	X
Latvia	wild boar	virological test	FAT	1	0	X
Latvia	marten	virological test	FAT	6	0	X
Latvia	polecat	virological test	FAT	7	0	X
Latvia	badger	virological test	FAT	6	0	X
Latvia	beaver	virological test	FAT	1	0	X
Latvia	rat	virological test	FAT	1	0	X
Latvia	roe deer	virological test	FAT	6	0	X
Latvia	mink	virological test	FAT	1	0	X
			ADD A NEW ROW			

6.6.2 Disease surveillance and other tests in wildlife for year : **2011**

Region	Species	Test type	Test Description	Number of samples tested	Number of positive samples	
Latvia	fox	virological test	FAT	221	0	X
Latvia	racoon dog	virological test	FAT	115	0	X
Latvia	wild boar	virological test	FAT	2	0	X
Latvia	marten	virological test	FAT	8	0	X
Latvia	polecat	virological test	FAT	5	0	X
Latvia	badger	virological test	FAT	4	0	X
lLatvia	beaver	virological test	FAT	1	0	X
Latvia	roe deer	virological test	FAT	6	0	X
Latvia	deer	virological test	FAT	1	0	X
Latvia	lynx	virological test	FAT	1	0	X
Latvia	mink	virological test	FAT	1	0	X
Latvia	rat	virological test	FAT	1	0	X
			ADD A NEW ROW			

6.6.2 *Disease surveillance and other tests in wildlife for year :* **2010**

Region	Species	Test type	Test Description	Number of samples tested	Number of positive samples	

Latvia	fox	virological test	FAT	1 361	11	X
Latvia	racoon dog	virological test	FAT	746	1	X
Latvia	badger	virological test	FAT	8	1	X
Latvia	deer	virological test	FAT	2	1	X
Latvia	wild boar	virological test	FAT	3	0	X
Latvia	marten	virological test	FAT	5	0	X
Latvia	polecat	virological test	FAT	6	0	X
Latvia	beaver	virological test	FAT	3	0	X
Latvia	rat	virological test	FAT	1	0	X
Latvia	otter	virological test	FAT	1	0	X
Latvia	doe	virological test	FAT	19	0	X
Latvia	elk	virological test	FAT	2	0	X
Latvia	lynx	virological test	FAT	2	0	X
			ADD A NEW ROW			

6.6.2 *Disease surveillance and other tests in wildlife for year :* **2009**

Region	Species	Test type	Test Description	Number of samples tested	Number of positive samples	

Latvia	fox	virological test	FAT	302	24	X
Latvia	racoon dog	virological test	FAT	138	24	X
Latvia	badger	virological test	FAT	11	8	X
Latvia	polecat	virological test	FAT	11	1	X
Latvia	roe deer	virological test	FAT	26	1	X
Latvia	wild boar	virological test	FAT	4	0	X
Latvia	marten	virological test	FAT	15	0	X
Latvia	beaver	virological test	FAT	3	0	X
Latvia	hare	virological test	FAT	2	0	X
Latvia	rat	virological test	FAT	2	0	X
Latvia	roe	virological test	FAT	26	1	X
Latvia	elk	virological test	FAT	3	0	X
Latvia	lynx	virological test	FAT	2	0	X
Latvia	mink	virological test	FAT	5	0	X
			ADD A NEW ROW			

6.6.2 *Disease surveillance and other tests in wildlife for year :* **2008**

Region	Species	Test type	Test Description	Number of samples tested	Number of positive samples	
Latvia	fox	virological test	FAT	390	44	X
Latvia	racoon dog	virological test	FAT	156	41	X
Latvia	badger	virological test	FAT	14	1	X
Latvia	wolf	virological test	FAT	2	1	X
Latvia	marten	virological test	FAT	14	1	X
Latvia	beaver	virological test	FAT	6	1	X
Latvia	otter	virological test	FAT	3	1	X
Latvia	wild boar	virological test	FAT	1	0	X
Latvia	polecat	virological test	FAT	10	0	X
Latvia	hare	virological test	FAT	3	0	X
Latvia	doe	virological test	FAT	35	0	X
Latvia	elk	virological test	FAT	2	0	X
Latvia	mink	virological test	FAT	7	0	X
			ADD A NEW ROW			

6.6.3 *Data on vaccination or treatment of wildlife for year :* **2012**

Region	Square km	Number of doses of vaccine or treatment to be administered	Number of campaigns	Total number of doses of vaccine or treatment administered	
Latvia	64 000	3 153 000	2	3 153 000	X
			ADD A NEW ROW		

6.6.3 Data on vaccination or treatment of wildlife for year : **2011**

Region	Square km	Number of doses of vaccine or treatment to be administered	Number of campaigns	Total number of doses of vaccine or treatment administered	
Latvia	64 000	2 700 000	2	2 700 000	X
			ADD A NEW ROW		

6.6.3 Data on vaccination or treatment of wildlife for year : **2010**

Region	Square km	Number of doses of vaccine or treatment to be administered	Number of campaigns	Total number of doses of vaccine or treatment administered	
Latvia	64 000	3 200 000	2	3 200 000	X
			ADD A NEW ROW		

6.6.3 Data on vaccination or treatment of wildlife for year : **2009**

Region	Square km	Number of doses of vaccine or treatment to be administered	Number of campaigns	Total number of doses of vaccine or treatment administered	
Latvia	64 000	2 980 800	2	2 980 800	X
			ADD A NEW ROW		

6.6.3 *Data on vaccination or treatment of wildlife for year :* **2008**

Region	Square km	Number of doses of vaccine or treatment to be administered	Number of campaigns	Total number of doses of vaccine or treatment administered	
Latvia	49 326	919 200	1	919 200	X
			ADD A NEW ROW		

7. Targets

The blocks 7.1.1, 7.1.2.1, 7.1.2.2, 7.2, 7.3.1 and 7.3.2 are repeated multiple times in case of first year submission of multiple program.

7.1 Targets related to testing (one table for each year of implementation)

7.1.1 Targets on diagnostic tests for year : **2014**

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests	
Latvia	ELISA	Foxes and Racoon dogs	blood	monitoring of campaigns	1 024	X
Latvia	FAT	All species	Brain tissue	surveillance	500	X
Latvia	Tetracycline detection	Foxes and Racoon dogs	Mandible	monitoring of campaigns	1 024	X
Latvia	Virus isolation in cell cultures	All species	Brain tissue	confirmation of suspected cases	500	X
Latvia	PCR	All species	Brain tissue	confirmation of suspected cases	100	X
Latvia	Virus sequencing	All species	Brain tissue	typing of virus in the positive samples	10	X
Latvia	Titration of the rabies vaccine	Titration of the rabies vac	Rabies vaccine	testing of vaccine	10	X

				Total	3 168	
				Add a new row		

7.1.1 Targets on diagnostic tests for year : **2015**

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests	
Latvia	ELISA	Foxes and Racoon dogs	blood	monitoring of campaigns	1 024	X
Latvia	FAT	All species	Brain tissue	surveillance	500	X
Latvia	Tetracycline detection	Foxes and Racoon dogs	Mandible	monitoring of campaigns	1 024	X
Latvia	Virus isolation in cell cultures	All species	Brain tissue	confirmation of suspected cases	500	X
Latvia	PCR	All species	Brain tissue	confirmation of suspected cases	100	X
Latvia	Virus sequencing	All species	Brain tissue	confirmation of suspected cases	10	X
Latvia	Titration of the rabies vaccine	Titration of the rabies vac	Rabies vaccine	testing of vaccine	10	X
				Total	3 168	
				Add a new row		

7.1.2 Targets on testing herds and animals

7.1.2.1 Targets on testing herds ○ *Not applicable* ○ *Applicable...*

7.1.2.2 Targets on testing animals ○ *Not applicable* ○ *Applicable...*

7 .2 Targets on qualification of herds and animals

Targets on qualification of herds and animals ○ *Not applicable* ○ *Applicable...*

7 .3 Targets on vaccination or treatment

7.3.1 Targets on vaccination or treatment is ○ *Not applicable* ○ *Applicable...*

7.3.2 Targets on vaccination or treatment of wildlife is ○ *Not applicable* ○ *Applicable...*

7.3.2 Targets on vaccination or treatment of wildlife for year : **2014**

		Targets on vaccination or treatment programme			
Region	Square km	Number of doses of vaccine or treatments expected to be administered in the campaign	Expected number of campaigns	Total number of doses of vaccine or treatment expected to be administered	
Latvia	25 600	640 000	2	1 280 000	X
Belarus	10 850	250 000	2	500 000	X
Total		890 000		1 780 000	
			Add a new row		

7.3.2 Targets on vaccination or treatment of wildlife for year : **2015**

		Targets on vaccination or treatment programme			
Region	Square km	Number of doses of vaccine or treatments expected to be administered in the campaign	Expected number of campaigns	Total number of doses of vaccine or treatment expected to be administered	
Latvia	25 600	640 000	2	1 280 000	X
Belarus	10 850	250 000	2	500 000	X
Total		890 000		1 780 000	
			Add a new row		

8. Detailed analysis of the cost of the programme for year : **2014**

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 in EUR	Total amount in EUR	Union funding requested	
Cost of analysis	Elisa (antibody)	Individual animal sample/test	1 024	16.82	17223,68	yes	X
Cost of analysis	Tetracycline detection	Individual animal sample/test	1 024	12.12	12410,88	yes	X
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	500	16.12	8060	yes	X
Cost of sampling	Wild animals	Individual animal sample/test	1 524	7.1	10820,4	yes	X
Cost of analysis	Virus isolation in cell cultures	Individual animal sample/test	500	42.49	21245	yes	X
Cost of analysis	PCR	Individual animal sample/test	100	43.37	4337	yes	X
Cost of analysis	Virus sequencing	Individual animal sample/test	10	74.56	745,6	yes	X
Cost of analysis	Live vaccine titration	Individual animal sample/test	10	146.68	1466,8	yes	X
					Add a new row		

2. Vaccination or treatment

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Purchase of vaccine/treatment ofanimal produ	Wildlife oral vaccination	Vaccine dose	1 280 000	0.5	640,000	yes	X
Distribution costs	Wildlife oral vaccination	Square Kilometre of distribution	51 200	5.7	291,840	yes	X
Purchase of vaccine/treatment ofanimal produ	Purchase of vaccine in Third Country	Vaccine dose	500 000	0.6	300,000	yes	X
Distribution costs	Distribution of vaccine in Third Country	Vaccine dose	500 000	0.35	175,000	yes	X
					Add a new row		

3. Slaughter and destruction

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		

4. Cleaning and disinfection

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	
					Add a new row		

5. Salaries (staff contracted for the programme only)

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		

6. Consumables and specific equipment

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	

					Add a new row		

7.Other costs

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		
Total					1 483 149,36 €		

8. *Detailed analysis of the cost of the programme for year :* **2015**

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.*

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Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
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Cost of analysis	Live vaccine titration	Individual animal sample/test	10	146.68	1466,8	yes	X
					Add a new row		

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Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
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Distribution costs	Distribution of vaccine in Third Country	Vaccine dose	500 000	0.35	175,000	yes	X
					Add a new row		

3. Slaughter and destruction

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		

4. Cleaning and disinfection

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	
					Add a new row		

5. Salaries (staff contracted for the programme only)

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		

6. Consumables and specific equipment

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		

7.Other costs

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
					Add a new row		
Total					1 483 149,36 €		

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, doc, 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!*