

SANCO/10524/2014

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

The programme for the eradication of rabies

Lithuania

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

* in accordance with Council Decision 2009/470/EC

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.

Your version of Acrobat Reader is: 10.104

- 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.
- 5) IMPORTANT: Regularly save the pdf when you fill it out. After you have received the Submission number, DO NOT FORGET TO SAVE THE PDF ON YOUR COMPUTER FOR YOUR RECORDS!

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1. Identification of the programme

Member state :	LIETUVA		
Disease	Rabies		
Species :	Foxes and other wild car	nivores	
This program is multi annual	:yes		
Type of submission	: New multiannual programme		
Request of Union co-financing from beginning of:	2014	To end of	2015

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1.1 Contact

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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):

Rabies has been compulsory notifiable an enzootic disease in Lithuania for many years. The State Food and Veterinary Service has carried out surveillance and risk assessment of the epidemiological situation of zoonotic diseases and has developed and implemented prevention and control measures as regard rabies in a country. Suspected cases were notified to the local State Food and Veterinary Services and relevant samples were collected and submitted to veterinary laboratories for the investigation by direct immunofluorescence test and biological test. Immunofluorescence method was used to confirm rabies on negative samples tested.

Pet animal movements have been controlled at the border entry points and it is required obligatory vaccination against rabies and appropriate animal identification and veterinary certificate for commercial movements of pet animals and approved passport or veterinary certificate for non-commercial movements of animals. Since October of 2004, for international movements, all dogs and cats must be identified by tattoo or microchip. They should be vaccinated against rabies with live or inactivated vaccine of at least one antigenic dose and authorized veterinarian should do vaccination. Pet passport should be used for the movement of animals between Member States. All identified pet animals should be registered into computerized database that and accessible for all relevant competent authorities

Rabies has been widespread in the whole territory of the Republic of Lithuania. Wildlife rabies has enzootic pattern of the disease while urban rabies has been eradicated. Rabid wild animals are the main reservoir of this disease in a country and they course sporadic cases of rabies in domestic animals. Since 1960 eleven people have died of rabies: dogs infected two, foxes – four, raccoon dogs – two, badger –

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one, cat – one and the origin of the one case was unidentified. Aggressive dogs pose high risk of rabies to humans, because in each incident they could be considered as rabies-suspected animals. The main reservoir species of rabies virus and the main animals distributing the disease were red foxes (Vulpes vulpes) and raccoon dogs (Nyctereutes procyonoides). Rabies is more widespread in wooden areas, but on the other hand wild predators moved as well into areas of human settlements. For instances, foxes and raccoon dogs have become a common sight in urban areas. Under such conditions the number of reports of rabies cases in dogs, cats and foxes in the cities and villages have increased. In Lithuania, oral vaccination trials started as far back as 1983, using Russian vaccine-bait systems (using an adapted ERA derivate in fish or meat baits). A 25-50% reduction in animal rabies cases was reported. In the independence era, oral vaccination of wildlife was initiated in 1995 according to the Lithuanian National Rabies prevention programme. Over the 5-year duration of the programme (1995-2000), a range of vaccines has been used and variable geographic areas covered. Overall, oral vaccination has been carried out in more than 8,000 km2, with 820,000 baits distributed at various stages of the campaign (reviewed by Zienius et al., 2002). Delivery methods have adopted manual distribution (predominantly by hunters) and aerial distribution using fixed-wing aircraft in a few limited areas. Vaccines have included SAG-1 (1995-1997, 1999), Lysvulpen (1998) and Rabifox (2000), all incorporating tetracycline markers. Campaigns have followed a twice-yearly delivery strategy, with baits distributed in March-April and October-November. Distribution of baits relied mainly on manual distribution through hunting clubs.

From 2006 oral rabies vaccination campaign (covering red foxes and raccoon dogs) started from airplanes.

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):

State Food and Veterinary Service of the Republic of Lithuania has prepared a long-term strategy for eradication of rabies in Lithuania. Oral vaccination of wild animals against rabies was already started in Lithuania in 2006. Purchasing of vaccine baits, the distribution of vaccine baits using aircraft and assessment of vaccination effectiveness is carried out according PHARE project No. 2003.0004-341.02.01 "Strengthening of Control on infectious Animal Diseases in Lithuania".

Rabies is an endemic disease of wild animals in Baltic States. In order to ensure complete eradication of rabies and to avoid a re-infection from the neighbouring countries, cross-border oral vaccination with Kaliningrad region of Russian Federation and Byelorussia border is needed. Oral vaccination against rabies should be carried out twice a year using aerial distribution of baits. Estimated optimal number per square kilometer is not less than 20 baits. and The aircraft flying lines were separated by 1000 m; only near the border with Belarus flying lines were 500 m. Estimated number of baits for oral vaccination against rabies in the Lithuania is 2600000.

Existing EU legislation allows supporting national programs concerning rabies eradication. The long-term strategy for eradication of rabies in Lithuania contains the following elements: - oral vaccination of wild animals should cover all territory of Lithuania

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- oral vaccination of wild animals, especially red foxes and raccoon dogs, with vaccine which should create sufficient immunity
- for the effectiveness of vaccination campaign against rabies, it would be great advantage if all Baltic states and Poland start this campaign at the same time and coordinate their activities;
- Rabies eradication campaign should last not less than no rabies cases will be registered + 2 years;
- compulsory vaccination of dogs and cats;
- implementation of the identification and registration system for dogs and cats;
- control of the population of stray dogs and cats.

From 2011 through Lithuania rabies eradication program has been started in bordering area in Byelorussia (50 km buffer zone). Baits were distributed at a density of approximately 25 baits/km2. The aircraft flying lines were separated by 1000 m.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

First year:

Control

Testing

Slaughter and animals tested positive

Killing of animals tested positive

Vaccination

Treatment

Disposal of products

Eradication, control or monitoring

Duration of the programme: 2014 - 2015

Last	year:
Era	adication
∑ Te	sting
Sla	aughter of positive animals
Kil	lling of animals tested positive

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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):	
Food and Veterinary Service of the Republic of the Lithuania The Animal Health and Welfare Department is responsible for the co-ordination and control of all territorial State Food and Veterinary Services involved in the implementation of this program. This department collects the data, performs statistical analysis and evaluation of the surveillance program and informs the relevant authorities in European Union about the progress of the control and surveillance program.	n
4.3 Description and demarcation of the geographical and administrative area	as
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 programme is to be applied. Illustrate with maps.	the
(max. 32000 chars):	
The rabies eradication program for the year 2014-2015 will be implemented in whole territory of Lithuania. Oral vaccination of wild animals (red foxes and raccoon dogs) should cover whole territory of Lithuan except lakes, urban areas, Ignalina nuclear power-station (vaccination area about 65000 km2). The non-flying area surrounding the Ignalina power plant will be covered by manual distribution of baits. Approximately 1200 baits will be distributed. The bordering area in Byelorussia (50 km buffer zone) will be covered by Byelorussia side (33000 squakilometers).	

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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):

"Requirements on notification of contagious diseases" approved by Director of the State Food and Veterinary Service by the Order No B1-366 of 18 August 2009 implementing EU Directive 82/894/EEC (Official Gazette 2009, No. 100-4204).

4.4.2 Target animals and animal population

(max. 32000 chars):

In 2011, according to the hunting bags, approximately size of population was as follows:

Foxes-18650

Raccoons dogs - 7120

Badger - 42

4.4.3 Identification of animals and registration of holdings

(max. 32000 chars):

The Order of the Ministry of Agriculture was adopted (16 June 2003 No. 3D-234) and the SFVS was nominated as the competent institution responsible for the implementation of control of animal identification and registration system in the Republic of Lithuania.

Regulation (EC) No 1760/2000 of the European Parliament and of the Council of 17 July 2000 establishing a system for the identification and registration of bovine animals and regarding the labelling of beef and beef products and repealing Council Regulation (EC) No 820/97.

Commission Regulation (EC) No 911/2004 of 29 April 2004 implementing Regulation (EC) No 1760/2000 of the European Parliament and of the Council as regards ear tags, passports and holding registers.

The Order of the Director of the State Food and Veterinary Service (13 February 2003 No B1-143) lays down the requirements for animal holding control according to Regulation (EC) 1760/2000 (Official Gazzete 2004, No 33-1088).

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1.4.4 Qualifications of animals and herds
(max. 32000 chars):
Not performed in wild animals.
1.4.5 Rules of the movement of animals
max. 32000 chars) :
Not performed in wild animals.

4.4.6 Tests used and sampling schemes

(max. 32000 chars):

The stability of vaccine baits will be taken from each delivered batch and will be tested before the distribution. The vaccine should fulfil the requirements of the European Pharmacopeia monograph (1) as well as the efficacy and safety recommendations of the WHO. The vaccines before delivering will be tested in EU reference laboratory.

From the year 2012 titration of each vaccine batch is performed in National Food and Veterinary Risk Assessment Institute before the distribution. From each vaccine batch 3 samples (consisting of 15 vaccine baits) are taken and tested for the vaccine titer. The samples are taken by the responsible person from the State Food and Veterinary Service and delivered to the National Food and Veterinary Risk Assessment Institute.

When using attenuated rabies virus vaccines (SAD Bern, SAD B19), typing of rabies isolates, originating from vaccination areas needs to be performed to distinguish vaccine strains from field rabies strains. All FAT positive samples are checked for the presence of vaccine strains of rabies virus (SAD Bern, SAD B19) using sequencing.

Monitoring of vaccination will be carried out by testing for the occurrence of a biomarker tetracycline, which is incorporated into the bait, in the target species; foxes and raccoon dogs as well as sero-conversion rates for antibodies detection. The age (juvenile and adult) of the target species will be recorded for biomarker tetracycline and antibodies detection and results will be analyzed accordingly. National Food and Veterinary Risk Assessment Institute is the rabies reference laboratory of the Republic of Lithuania and will carry out the rabies oral vaccination efficiency tests.

The samples will be investigated following OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals chapter 2.2.5.

The samples sent to National Food and Veterinary Risk Assessment Institute for rabies efficiency test first of all are tested for presence of tetracycline. In case of positive results the serum samples are tested for presence of antibodies. All samples will be tested for tetracycline presence and for antibody titer, if suitable.

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Samples for the diagnosis are collected from suspect animals and indicator animals of all susceptible species showing clinical symptoms of rabies, animals found dead, road kills, and dead animals which before bit or scratched humans.

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars):

Modified live virus vaccine is to be used for oral vaccination of wildlife in Lithuania The vaccine contains a modified attenuated vaccinal strain SAD Bern rabies, propagated in cell cultures, antibiotics and a stabilization medium. The mixture is dispensed into blisters, plastic capsules sealed with an aluminium foil. These are covered with a bait substance including tetracycline. Tetracycline functions as a vaccination indicator. A vaccinal virus can be differentiated from a field virus if monoclonal antibodies are applied. The vaccine will be laid twice a year, in April/May and in September/October, usually 20 units of bait per km2. The vaccines will be evenly distributed over the whole area by planes. The stability of vaccine baits will be tested before the distribution. The vaccine should fulfil the requirements of the European Pharmacopea monigraph (1) as well as the efficacy and safety recommendations of the WHO.

From the year 2012 titration of each vaccine batch is performed in National Food and Veterinary Risk Assessment Institute before the distribution. From each vaccine batch 3 samples (consisting of 15 vaccine baits) are taken and tested for the vaccine titer. The samples are taken by the responsible person from the State Food and Veterinary Service and delivered to the National Food and Veterinary Risk Assessment Institute.

However according to the our conditions on public purchase and technical specifications, the company – winner of the tender must supply to the SFVS, prior to delivery of vaccine, the titration of vaccine protocols received from the in Community Reference Laboratory. State Food and Veterinary Service has the right to make a titration of vaccine baits in Community Reference Laboratory.

When using attenuated rabies virus vaccines (SAD Bern, SAD B19), typing of rabies isolates, originating from vaccination areas needs to be performed to distinguish vaccine strains from field rabies strains. All FAT positive samples are checked for the presence of vaccine strains of rabies virus (SAD Bern, SAD B19) using sequencing.

2400 samples of mandibula of hunted foxes and racoon dogs and at least 2400 blood serum samples will be collected by the private veterinarian and distributed to the National Food and Veterinary Risk Assessment Institute yearly. The samples will be investigated following OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals chapter 2.2.5.

The samples sent to National Food and Veterinary Risk Assessment Institute for rabies efficiency test first of all are tested for presence of tetracycline. All suitable samples will be tested for serology.

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

(max. 32000 chars):

Not performed in wild animals.

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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 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)

(max. 32000 chars):

The following national measures and several implementing instructions have entered into force:

- Order No. B1-281 of 12 April 2006 "On the approval of the programme for animal contagious disease control".
- Order No. B1-463 of 11 May 2007 "On the approval of requirements for rabies control".
- Order No. V-146/B1-140 of 28 February 2005 of the Minister of Health and Director of SFVS "On approval of the form of information notice about suspected /confirmed cases of animal rabies".

Each year the Order of the Director of State Food an Veterinary Service is issued for the estimation of samples of wild animals to be tested for oral vaccination effectiveness and oral vaccination of rabies for current year.

The legal provisions exist to implement the requirements for the control of rabies and the application of the REP:

- Notification and measures in case of suspicions
- Collection and testing of dead animals
- Control of vaccinations and the efficiency of vaccinations
- Diagnosis of rabies
- Collaboration between the different services involved
- Identification and registration of pet animals.

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars):

Compensation procedure is foreseen in the Resolution of the Government of the Republic of Lithuania No.1220 of 16 October 2001 on the compensation of losses and expenses incurred by the contagious diseases of animals, eradication of their focuses (Official Gazette, No 89-3129, 2001). Order of the Minister of Agriculture issued on 2 December 2008 No 3D-646 "Approval of Rules of Evaluation and Compensation of Losses in Case of Emergency". (Official Gazette, No 141-5600, 2008). Development of a list of contagious animal diseases upon the occurrence of which livestock and other animals must be subjected to emergency slaughter or destruction, products and raw materials of animal origin must be decontaminated or destroyed and the losses incurred to the owners must be compensated and the expenses of the eradication of the disease focus must be covered, is foreseen. At

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present not all costs are covered if animals are not insured on private initiative.

Before slaughtering a committee will evaluate a live animal's and propose the amount of compensation. The committee is constituted of a Veterinarian of District State Food and Veterinary Service, an Officer of the District Agriculture Service and a representative of farmers.

After evaluation of losses the report of the committee must be sent to the Ministry of Agriculture. The Ministry of Agriculture prepares the report to the Lithuanian Government. The Lithuanian Government, taking into account report of the Ministry of the Agriculture, will issue Resolution "On losses compensation to the farmer", and the compensation is paid from the Government reserve fund for emergencies.

The Ministry of Agriculture defines the amount of compensation that cannot be greater than the market price of the animal, and it depends on the breed and the degree of genetic improvement of the animal. The compensation for the animals which will be slaughtered in the framework of animal diseases control program must be paid to the owner within 90 days after the slaughter of the animals.

4.4.11 Control on the implementation of the programme and reporting

(max. 32000 chars):

The authority responsible for the co-ordination of rabies eradication in the entire country, is the State Food and Veterinary Service of the Republic of the Lithuania, which also collect the information about oral rabies vaccination campaigns in Byelorussia.

The Animal Health and Welfare Department is responsible for the co-ordination and control of all territorial State Food and Veterinary Services involved in the implementation of this program. This department collects the data, performs statistical analysis and evaluation of the surveillance program and informs the relevant authorities in European Union about the progress of the control and surveillance program. Before the oral rabies vaccination (hereafter - ORV) starts the winner company present to the State Food and Veterinary Service (hereafter – SFVS) the plans for bait distribution which includes – area for distribution, regions, which will be fully or partially distributed (do to places of airports), number of baits distributed, date of beginning and date of end of distribution. Lithuania is divided in to 6 parts depended from airports location. The plan firstly is provided to the Animal Health and Welfare Department for approval and for each airport official veterinary inspector from territorial SFVS is designated, who provide the control on spot. From the each batch of baits official samples are taken and in National Food and Veterinary Risk Assessment Institute tested for vaccine stability and virus virulence in order to check the vaccine compliance with the technical specification provided in tender. Before the loading of baits into airplanes official control by inspector is provided for temperature of baits storage (monitored each day) and loaded number of baits. After the baits are distributed official control is provided for check of airplane flight plan – speed of airplane, distance between the flight lines, number of baits distributed per one sq. kilometer and total number of baits distributed for covered area. The report each day is provided to Animal Health and Welfare Department.

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5. Benefits of the programme

A description is provided of the benefits for farmers and society in general

(max. 32000 chars):

During this eradication program is foreseen to continue oral immunization of wildlife population, and in order to make sure that vaccination is effective, the program provides for the control after immunization by obtaining and laboratory assessment of foxes and raccoon dogs.

Wild animals that are found dead in the nature with symptoms of rabies are sent to the National Food and Veterinary Risk Assessment Institute for examination free of charge. The tests carried out include an examination for rabies.

The benefit of the program is to eradicate rabies in wildlife through oral vaccination of wild animals and prevent transmission of rabies from wildlife to domestic animals and to protect the European Union border from the rabies introduction from neighboring country - Byelorussia.

6.	Data on the e	pidemiological	evolution during	the last five	<i>years</i>

yes

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	
Alytus	cat	other test	Fluorescent antibody test	1	0	x
Alytus	badger	other test	Fluorescent antibody test	1	0	х
Alytus	marten	other test	Fluorescent antibody test	2	0	х
Alytus	hares	other test	Fluorescent antibody test	1	0	х
Alytus	Foxes	other test	Fluorescent antibody test	5	0	х
Alytus	Racoon dogs	other test	Fluorescent antibody test	1	0	х
Alytus	wild boar	other test	Fluorescent antibody test	1	0	х
Anyksciai	horse	other test	Fluorescent antibody test	1	0	х
Anyksciai	Bovine	other test	Fluorescent antibody test	1	0	х
Anyksciai	cat	other test	Fluorescent antibody test	2	0	х
Anyksciai	marten	other test	Fluorescent antibody test	1	0	х
Anyksciai	Racoon dogs	other test	Fluorescent antibody test	1	0	х
Anyksciai	polecat	other test	Fluorescent antibody test	1	0	х
Birzai	Dogs	other test	Fluorescent antibody test	4	0	х
Birzai	cats	other test	Fluorescent antibody test	6	0	х

Birzai	marten	other test	Fluorescent antibody test	1	0	х
Birzai	Foxes	other test	Fluorescent antibody test	2	0	х
Birzai	Racoon dogs	other test	Fluorescent antibody test	3	0	х
Druskininkai	Dogs	other test	Fluorescent antibody test	1	0	х
Druskininkai	Racoon dogs	other test	Fluorescent antibody test	4	0	х
Elektrenai	cats	other test	Fluorescent antibody test	2	0	х
Elektrenai	Dogs	other test	Fluorescent antibody test	2	0	х
Elektrenai	Foxes	other test	Fluorescent antibody test	1	0	х
Elektrenai	Polecat	other test	Fluorescent antibody test	1	0	х
Ignalina	Bovine	other test	Fluorescent antibody test	3	1	Х
Ignalina	martens	other test	Fluorescent antibody test	2	0	х
Ignalina	Foxes	other test	Fluorescent antibody test	4	0	х
Ignalina	Racoon dogs	other test	Fluorescent antibody test	14	1	х
Jonava	cats	other test	Fluorescent antibody test	1	0	X
Jonava	dogs	other test	Fluorescent antibody test	1	0	X
Jonava	rabbits	other test	Fluorescent antibody test	1	0	х
Jonava	Racoon dogs	other test	Fluorescent antibody test	1	0	X
Joniskis	cats	other test	Fluorescent antibody test	1	0	X
Joniskis	dogs	other test	Fluorescent antibody test	1	0	X
Joniskis	Foxes	other test	Fluorescent antibody test	2	0	х
Joniskis	Racoon dogs	other test	Fluorescent antibody test	1	0	Х

Jurbarkas	Foxes	other test	Fluorescent antibody test	1	0	Х
Jurbarkas	Racoon dogs	other test	Fluorescent antibody test		0	Х
Kaisiadorys	dogs	other test	Fluorescent antibody test	2	0	Х
Kaisiadorys	Foxes	other test	Fluorescent antibody test	5	0	X
Kaisiadorys	Racoon dogs	other test	Fluorescent antibody test	1	0	X
Kaisiadorys	polecats	other test	Fluorescent antibody test	1	0	Х
Kalvarija	horses	other test	Fluorescent antibody test	1	0	X
Kaunas	cats	other test	Fluorescent antibody test	10	0	X
Kaunas	Dogs	other test	Fluorescent antibody test	8	0	х
Kaunas	martens	other test	Fluorescent antibody test	2	0	Х
Kaunas	Foxes	other test	Fluorescent antibody test	15	0	х
Kaunas	Racoon dogs	other test	Fluorescent antibody test	3	0	х
Kaunas	roe	other test	Fluorescent antibody test	1	0	Х
Kaunas	wild boars	other test	Fluorescent antibody test	1	0	х
Kaunas	polecats	other test	Fluorescent antibody test	1	0	х
Akmene	Foxes	other test	Fluorescent antibody test	1	0	х
Kelme	Bovine	other test	Fluorescent antibody test	1	0	Х
Kelme	Foxes	other test	Fluorescent antibody test	2	0	х
Kedainiai	dogs	other test	Fluorescent antibody test	2	0	Х
Kedainiai	Foxes	other test	Fluorescent antibody test	2	0	х
Kedainiai	Racoon dogs	other test	Fluorescent antibody test	3	0	Х

			1/2	/////////	/////////////	
Kedainiai	roe	other test	Fluorescent antibody test	1	0	X
Kedainiai	polecats	other test	Fluorescent antibody test	3	0	X
Klaipeda	cats	other test	Fluorescent antibody test	7	0	X
Klaipeda	Dogs	other test	Fluorescent antibody test	2	0	X
Klaipeda	marten	other test	Fluorescent antibody test	1	0	X
Klaipeda	Foxes	other test	Fluorescent antibody test	8	0	X
Klaipeda	Racoon dogs	other test	Fluorescent antibody test	3	0	X
Klaipeda	muskrats	other test	Fluorescent antibody test	1	0	X
Klaipeda	polecats	other test	Fluorescent antibody test	1	0	X
Kretinga	cats	other test	Fluorescent antibody test	1	0	X
Kretinga	Dogs	other test	Fluorescent antibody test	1	0	X
Kretinga	martens	other test	Fluorescent antibody test	2	0	X
Kretinga	Foxes	other test	Fluorescent antibody test	2	0	X
Kretinga	Racoon dogs	other test	Fluorescent antibody test	1	0	X
Kupiskis	Foxes	other test	Fluorescent antibody test	1	0	X
Kupiskis	Racoon dogs	other test	Fluorescent antibody test	1	0	X
Lazdijai	Bovine	other test	Fluorescent antibody test	4	0	X
Lazdijai	Dogs	other test	Fluorescent antibody test	1	0	X
Lazdijai	polecats	other test	Fluorescent antibody test	1	0	X
Lazdijai	Foxes	other test	Fluorescent antibody test	7	0	X
Lazdijai	wild boars	other test	Fluorescent antibody test	1	0	X

Lazdijai	otter	other test	Fluorescent antibody test	2	0	Х
Marijampole	cats	other test	Fluorescent antibody test	2	0	х
Moletai	cats	other test	Fluorescent antibody test	1	0	х
Moletai	martens	other test	Fluorescent antibody test	1	0	х
Moletai	Dogs	other test	Fluorescent antibody test	1	0	х
Moletai	Foxes	other test	Fluorescent antibody test	10	0	х
Moletai	Racoon dogs	other test	Fluorescent antibody test	4	0	х
Moletai	polecats	other test	Fluorescent antibody test	1	0	Х
Panevezys	cats	other test	Fluorescent antibody test	4	0	х
Panevezys	Dogs	other test	Fluorescent antibody test	3	0	х
Panevezys	martens	other test	Fluorescent antibody test	3	0	х
Panevezys	Foxes	other test	Fluorescent antibody test	9	0	х
Panevezys	Racoon dogs	other test	Fluorescent antibody test	3	0	х
Panevezys	polecats	other test	Fluorescent antibody test	2	0	х
Pasvalys	martens	other test	Fluorescent antibody test	1	0	х
Pasvalys	Foxes	other test	Fluorescent antibody test	1	0	х
Pasvalys	Racoon dogs	other test	Fluorescent antibody test	2	0	х
Pasvalys	roe	other test	Fluorescent antibody test	1	0	Х
Plunge	Bovine	other test	Fluorescent antibody test	1	0	х
Plunge	Dogs	other test	Fluorescent antibody test	1	0	х
Plunge	martens	other test	Fluorescent antibody test	2	0	х

Plunge	Foxes	other test	Fluorescent antibody test	1	0	x
Prienai	cats	other test	Fluorescent antibody test	2	0	х
Prienai	roe	other test	Fluorescent antibody test	1	0	х
Prienai	marten	other test	Fluorescent antibody test	2	0	х
Prienai	Foxes	other test	Fluorescent antibody test	2	0	x
Prienai	Racoon dogs	other test	Fluorescent antibody test	1	0	x
Radviliskis	Bovine	other test	Fluorescent antibody test	1	0	x
Radviliskis	cats	other test	Fluorescent antibody test	1	0	x
Radviliskis	Dogs	other test	Fluorescent antibody test	1	0	х
Radviliskis	muskrats	other test	Fluorescent antibody test	1	0	х
Radviliskis	Foxes	other test	Fluorescent antibody test	2	0	x
Radviliskis	Racoon dogs	other test	Fluorescent antibody test	1	0	x
Raseiniai	Goats	other test	Fluorescent antibody test	1	0	х
Raseiniai	martens	other test	Fluorescent antibody test	3	0	х
Raseiniai	Foxes	other test	Fluorescent antibody test	3	0	x
Raseiniai	Racoon dogs	other test	Fluorescent antibody test	4	0	x
Rokiskis	Bovine	other test	Fluorescent antibody test	1	0	х
Rokiskis	Foxes	other test	Fluorescent antibody test	1	0	x
Skuodas	Bovine	other test	Fluorescent antibody test	1	0	x
Skuodas	Dogs	other test	Fluorescent antibody test	4	0	х
Skuodas	Foxes	other test	Fluorescent antibody test	2	0	X

Sakiai	Bovine	other test	Fluorescent antibody test	1 0	Х
Sakiai	Dogs	other test	Fluorescent antibody test	1 0	X
Sakiai	martens	other test	Fluorescent antibody test	1 0	X
Sakiai	Foxes	other test	Fluorescent antibody test	2 0	X
Sakiai	Racoon dogs	other test	Fluorescent antibody test	3 0	X
Salcininkai	cats	other test	Fluorescent antibody test	3 1	х
Salcininkai	Dogs	other test	Fluorescent antibody test	6 0	X
Salcininkai	Foxes	other test	Fluorescent antibody test	2 1	Х
Salcininkai	Racoon dogs	other test	Fluorescent antibody test	1 1	X
Salcininkai	polecats	other test	Fluorescent antibody test	3 0	X
Siauliai	Dogs	other test	Fluorescent antibody test	1 0	х
Siauliai	martens	other test	Fluorescent antibody test	4 0	X
Siauliai	Foxes	other test	Fluorescent antibody test	4 0	X
Siauliai	Racoon dogs	other test	Fluorescent antibody test	1 0	X
Siauliai	polecats	other test	Fluorescent antibody test	1 0	X
Silale	Bovine	other test	Fluorescent antibody test	2 0	X
Silale	cats	other test	Fluorescent antibody test	1 0	X
Silale	Dogs	other test	Fluorescent antibody test	1 0	X
Silale	Foxes	other test	Fluorescent antibody test	4 0	X
Silute	Bovine	other test	Fluorescent antibody test	1 0	X
Silute	cats	other test	Fluorescent antibody test	3 0	X

Silute	Dogs	other test	Fluorescent antibody test	2	0	X
Silute	martens	other test	Fluorescent antibody test	2	0	x
Sirvintos	cats	other test	Fluorescent antibody test	1	0	х
Sirvintos	Goats	other test	Fluorescent antibody test	1	0	x
Sirvintos	Dogs	other test	Fluorescent antibody test	1	0	x
Sirvintos	rabbits	other test	Fluorescent antibody test	1	0	х
Sirvintos	martens	other test	Fluorescent antibody test	3	0	x
Sirvintos	Foxes	other test	Fluorescent antibody test	4	0	х
Sirvintos	wild boars	other test	Fluorescent antibody test	1	0	х
Svencionys	Dogs	other test	Fluorescent antibody test	1	0	х
Svencionys	Foxes	other test	Fluorescent antibody test	5	0	x
Svencionys	Racoon dogs	other test	Fluorescent antibody test	1	0	x
Taurage	martens	other test	Fluorescent antibody test	4	0	х
Taurage	Foxes	other test	Fluorescent antibody test	5	0	x
Taurage	Racoon dogs	other test	Fluorescent antibody test	1	0	x
Telsiai	Bovine	other test	Fluorescent antibody test	1	0	х
Telsiai	cats	other test	Fluorescent antibody test	1	0	х
Telsiai	Dogs	other test	Fluorescent antibody test	1	0	Х
Telsiai	Racoon dogs	other test	Fluorescent antibody test	1	0	Х
Trakai	Bovine	other test	Fluorescent antibody test	1	0	X
Trakai	Dogs	other test	Fluorescent antibody test	2	0	X

Trakai	ferrets	other test	Fluorescent antibody test	1	0	X
Trakai	Foxes	other test	Fluorescent antibody test	6	0	x
Trakai	Racoon dogs	other test	Fluorescent antibody test	1	0	х
Ukmerge	cats	other test	Fluorescent antibody test	1	0	х
Ukmerge	martens	other test	Fluorescent antibody test	1	0	x
Ukmerge	Foxes	other test	Fluorescent antibody test	4	0	X
Ukmerge	Racoon dogs	other test	Fluorescent antibody test	3	0	х
Utena	cats	other test	Fluorescent antibody test	2	0	x
Utena	Dogs	other test	Fluorescent antibody test	3	0	X
Utena	martens	other test	Fluorescent antibody test	3	0	X
Utena	Foxes	other test	Fluorescent antibody test	27	0	x
Utena	Racoon dogs	other test	Fluorescent antibody test	27	0	X
Varena	cats	other test	Fluorescent antibody test	1	0	X
Varena	Dogs	other test	Fluorescent antibody test	6	0	x
Varena	beavers	other test	Fluorescent antibody test	1	0	x
Varena	Foxes	other test	Fluorescent antibody test	12	0	X
Varena	Racoon dogs	other test	Fluorescent antibody test	6	0	X
Vilkaviskis	cats	other test	Fluorescent antibody test	1	0	X
Vilkaviskis	Dogs	other test	Fluorescent antibody test	1	0	х
Vilkaviskis	Foxes	other test	Fluorescent antibody test	2	0	х
Vilkaviskis	Racoon dogs	other test	Fluorescent antibody test	1	0	X

Vilnius	cats	other test	Fluorescent antibody test	19	0	X
Vilnius	Dogs	other test	Fluorescent antibody test	16	0	х
Vilnius	beavers	other test	Fluorescent antibody test	1	0	х
Vilnius	moose	other test	Fluorescent antibody test	1	0	х
Vilnius	martens	other test	Fluorescent antibody test	3	0	х
Vilnius	Foxes	other test	Fluorescent antibody test	23	0	х
Vilnius	Racoon dogs	other test	Fluorescent antibody test	3	0	X
Vilnius	polecats	other test	Fluorescent antibody test	2	0	X
Vilnius	mouses	other test	Fluorescent antibody test	1	0	X
Visaginas	Dogs	other test	Fluorescent antibody test	1	0	X
Zarasai	martens	other test	Fluorescent antibody test	1	0	X
Zarasai	Foxes	other test	Fluorescent antibody test	4	0	X
Zarasai	Racoon dogs	other test	Fluorescent antibody test	4	0	X
Pagegiai	Foxes	other test	Fluorescent antibody test	1	0	X
Alytus	Bats	other test	Fluorescent antibody test	1	0	X
Jonava	chinchila	other test	Fluorescent antibody test	1	0	X
Ukmerge	rats	other test	Fluorescent antibody test	1	0	X
Panevezys	squirrels	other test	Fluorescent antibody test	1	0	X
Varena	wolfs	other test	Fluorescent antibody test	1	0	X
Kedainiai	rats	other test	Fluorescent antibody test	1	0	X
Kaunas	bears	other test	Fluorescent antibody test	1	0	Х

Kaunas	coons	other test	Fluorescent antibody test	1	0	Х
Vilnius	bats	other test	Fluorescent antibody test	1	0	х
Vilnius	mouses	other test	Fluorescent antibody test	1	0	Х
Vilnius	rats	other test	Fluorescent antibody test	1	0	Х
Total				571		
				ADD A N	EW 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

Standard requirements for the submission of programme for eradication, control and re	nonitoring
version: 2.23	

6.5 Data on vaccination or treatment programmes

Data on vaccination or treatment programmes is ONot applicable Applicable...

6.6 Data on wildlife

Data on Wildlife is : ONot applicable • Applicable...

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

Region	Species	Method of estimation	Estimation of the population	
Lithuania	fox	hunting bag	14 440	X
Lithuania	racoon dogs	hunting bag	4 790	X
Lithuania	badger	hunting bag	130	X
Lithuania	marten	hunting bag	1 080	X

		()
	ADD A NEW ROW	()
	ADD A REW ROW	()
		1

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

Region	Species	Test type	<u>Test Descri</u> ption	Number of samples tested	Number of positive samples	
Lithuania	fox	serological test	ELISA	887	434	x
Lithuania	fox	Biomarker detection	Tetracycline rings detection	1 725	1 490	x
Lithuania	racoon dogs	serological test	ELISA	206	120	x
Lithuania	racoon dogs	Biomarker detection	Tetracycline rings detection	459	321	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	
Lithuania	65 000	1 300 000	2	2 600 000	X
			ADD	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	
Lithuania	ELISA	Foxes and Racoon dogs	serum	control of vaccination	2 400	X
Byelorussia (buffer zone of 50 km, 33000 sq	ELISA and microscopy	Foxes and Racoon dogs	mandibular and blood	control of vaccination	1 320	X
Lithuania	FAT	all susceptible animal	brain	confirmation of suspected cases	600	х
Lithuania	Virus titration	Foxes and Racoon dogs	vaccine bait	testing of vaccine	120	х
Lithuania	microscopy	Foxes and Racoon dogs	mandibula	control of vaccination	2 400	х
				Total	6 840	
				Add a new r	ow	

2015

7.1.1 Targets on diagnostic tests for year:

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests	
Lithuania	ELISA	Foxes and Racoon dogs	serum	control of vaccination	2 400	X
Byelorussia (buffer zone of 50 km, 33000 sq	ELISA and microscopy	Foxes and Racoon dogs	mandibular and blood	control of vaccination	1 320	х
Lithuania	FAT	all susceptible animal	brain	confirmation of suspected cases	600	х
Lithuania	Virus titration	Foxes and Racoon dogs	vaccine bait	testing of vaccine	120	х
Lithuania	microscopy	Foxes and Racoon dogs	mandibula	control of vaccination	2 400	х
				Total	6 840	
				Add a new r	ow	

7.1.2 Targets on testing herds and animals

7.1.2.1 Targets on testing herds ONot applicable OApplicable...

Standard version : 2.23	requirements for the submission of programme for e	eradication, control and m	nonitoring	
	7.1.2.2 Targets on testing animals	○ Not applicable	○ Applicable	
7.2	Targets on qualification of herds and anir	mals		
	Targets on qualification of herds and anir		⊖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	e is ONot applicable	○ Applicable	
				D 20 2

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				
Lithuania	65 000	1 300 000	2	2 600 000	x			
Byelorussia (buffer zone of 50 km, 33000 sq. km)	33 000	825 000	2	1 650 000	x			
Total		2 125 000		4 250 000				
			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			
Lithuania	65 000	1 300 000	2	2 600 000	x		

Byelorussia (buffer zone of 50 km, 33000 sq. km)	33 000	825 000	2	1 650 000	x	
Total		2 125 000		4 250 000		
			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	<u>Specification</u>	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested		
Cost of analysis	Tetracycline detection	Individual animal sample/test	2 400	1	2400	yes	х	
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	600	18	10800	yes	х	
Cost of analysis	Elisa (antibody)	Individual animal sample/test	2 400	14	33600	yes	х	
Cost of sampling	Wild animals	Individual animal sample/test	2 400	10	24000	yes	х	
Cost of analysis	Live vaccine titration	Pooled sample test	120	40	4800	yes	х	
					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 and distribution of vaccine In Lithuan	Wildlife oral vaccination	Vaccine dose	2 600 000	0.5	1,300,000	yes	х	

Purchase of vaccine In Byelorussia	Wildlife oral vaccination	Vaccine dose	1 650 000	0.6	990,000	yes	X
istribution of vaccine in Byelorussia	Wildlife oral vaccination	Vaccine dose	1 650 000	0.35	577,500	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	or 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	2 943 100,00	/

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

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:

- Fill-in the text fields IN ENGLISH
 Limit as much as possible the entries to the pre-loaded options where available.
- 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	<u>Specification</u>	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested		
Cost of analysis	Tetracycline detection	Individual animal sample/test	2 400	1	2400	yes	X	
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	600	18	10800	yes	X	
Cost of analysis	Elisa (antibody)	Individual animal sample/test	2 400	14	33600	yes	X	
Cost of sampling	Wild animals	Individual animal sample/test	2 400	10	24000	yes	X	
Cost of analysis	Live vaccine titration	Pooled sample test	120	40	4800	yes	X	
						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 and distribution of vaccine baits in Lit	Wildlife oral vaccination	Vaccine dose	2 600 000	0.5	1,300,000	yes	X
Purchase of vaccine In Byelorussia	Wildlife oral vaccination	Vaccine dose	1 650 000	0.6	990,000	yes	х
Distribution of vaccine In Byelorussia	Wildlife oral vaccination	Vaccine dose	1 650 000	0.35	577,500	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 fo	r 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 e	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	

Total			2 943 100,00 €	

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!