



EUROPEAN COMMISSION
HEALTH AND CONSUMERS DIRECTORATE-GENERAL

Director General

SANCO/10516/2013

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

The programme for the eradication of rabies

Slovenia

Approved* for 2013 by Commission Decision 2012/761/EU

* in accordance with Council Decision 2009/470/EC

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

version : 2.2

1. Identification of the programme

Member state : SLOVENIJA

Disease Rabies

Species : Other

Other Species (please specify here) : Foxes, other wild carnivores, grazing animals

This program is multi annual : yes

Year of the multi annual request : first year

*Request of Union co-financing from
beginning of:*

2013

To end of

2018

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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) :

Dog-mediated rabies was eradicated soon after World War II, when compulsory vaccination of dogs against rabies came into force (1947). Since that time vaccination of all dogs against rabies has been compulsorily.

The last case of human rabies was in 1950.

Wildlife-mediated rabies has been present since 1973, when the first rabid animal (red fox) was detected in the NW of Slovenia. It had progressively spread through the territory of the municipalities of Murska Sobota and Lendava, but it has never crossed the natural barrier of the Mura River.

The second wave of sylvatic rabies reached Slovenia in 1979 from Austria. From there it has been spread throughout the country and has persisted until the present.

Due to the inconvenient epizootiological situation regarding rabies in the 1980-ies, the Veterinary Administration decided to implement the oral vaccination of foxes against rabies. In 1988, when the pilot project of the manual distribution of baits (so-called Tübingen Model with the SAD type) was started, vaccination was conducted in a small part of Slovenia only. Thereafter, two vaccination campaigns (in spring and autumn) were performed as the strategy of pushing rabies from west to east. At that time, 40,000 to 60,000 baits were distributed in each campaign in a rate of 16 to 20 baits per km². In a few years that followed, the whole territory of Slovenia was covered three times. It was found that if only a certain region was covered at one time, the success rate was poor.

And this was the reason that in 1995, we started with a new strategy to combat rabies. The aircraft distribution of baits has been performed twice per year – spring and autumn. The GPS was used to support bait distribution and is still used today as a prevailing strategy. Each year, 640,000 baits were

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deposited (320,000 per campaign, 20 baits/km²). The follow up investigations such as anti-body and marker investigations, have been carried out. Specific software has been developed in order to analyse data received from the computer (connected to the GPS). The results of new strategy were very encouraging. The number of rabies cases decreased from 1089 (996 foxes) in 1995 to only 6 cases (5 foxes) in 1999. All cases were detected near the border with Croatia.

In 2000, the number of cases increased again. Because of new tax policy the OVF budget decreased and at the same time there was a deteriorating situation regarding rabies in South – Eastern neighbourhood. Therefore, the distribution pattern was changed again. The vaccination was not performed in the NW part of Slovenia, where rabies hasn't occurred for several years. For the first time, in autumn 2000 we used the "cross – flights", by which we increased the density and moreover, the dispersion of baits near the eastern and southern border.

In 2001, 135 cases were positive. But in 2002, as the result of new strategy, only 15 cases were positive. The situation was very encouraging also in 2003, when only 8 cases were detected, all near the SE border. In this year additional 210.000 baits were purchased in the frame of PHARE Twinning Light project and in the frame of its Follow-up, additional 250.000 baits in 2004 were submitted. With this additional amount of baits the "cross-fligths" strategy has been expanded to the whole 30 km belt along the Croatian border, and the density increased to 30 per km².

In the following years only a few cases per year were detected.

In 2008 the number of rabies cases increased again due to immense infection pressure from neighbouring country. One outbreak was detected also outside the vaccination area, near the border with Italy. Therefore a few modifications of the program were made: extension of vaccination area to the whole territory of Slovenia, vaccination of grazing animals, intensified surveillance. The number of vaccine baits increased to 920.000 per year. These resulted in decrease of rabies cases. In 2011, no rabies cases were detected.

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) :

Domestic animals

Compulsory vaccination of dogs against rabies will be continued in the period covered by the programme.

Vaccination of grazing animals in high risk areas (areas in which rabies has been detected in grazing animals in recent years) will be continued until situation regarding rabies will improve in the region and modified accordingly.

Wild animals

The main objective of the multi annual ORV programme is at least to maintain the number of baits, by which sufficient immunity of the fox population could be achieved (app. 920.000). The aircraft distribution of baits has been performed twice per year – spring and autumn. In each campaign, 460.000 baits are used in a density of 22 - 26 baits per sq km. For aerial distribution of baits fixed-wing aircraft is used. "Cross-flight" distribution pattern is used by which a better dispersion of vaccine baits could be achieved. Flight lines are in a distance of 1000 m. First flight is performed in N - S direction and is

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followed by the second flight in W - E direction. With such a distribution strategy, very good results have been achieved in recent years.

A special IT system is used to support aircraft distribution of baits. This system allows also for conducting official controls during ORV campaigns.

Concession agreement for implementation of ORV was signed for the period of 6 years with a company, that won the public tender. In the Rules to be met by the concessionaire for implementation of ORV (OJ RS 80/2007) the responsibilities of the concessionaire are defined as regards purchase and distribution of baits, reporting, conditions regarding staff, equipment, flying licences and controls.

Before each ORV campaign an ORV group (group of experts nominated by CVO) meeting is held. The ORV group examines the reports obtained from the concessionaire, the results of official controls and results of monitoring and surveillance. In-depth analyses of all data are performed. Based on all these data a detailed plan for each ORV campaign is defined and approved. The concessionaire is obliged to follow the approved programme.

Implementation of the programme is subjected to official controls performed by CA in accordance with its plans (annual and MANCP).

Depending on the situation in the neighbouring countries, vaccination area could be reconsidered during the period covered by the programme (2013-2018).

Surveillance

A lot of efforts will be given to maintain the current level of disease awareness and by this to achieve a sufficient number of samples (emphasis should be given to indicator animals - suspicious behaviour, in-contact animals, animals from road kills, found dead animals,...) for reliable evaluation of rabies situation in the country. For surveillance purposes FAT will be used (detection of disease), PCR and virus isolation and sequencing will be used for confirmatory purposes. For all animals that bite people and were submitted for rabies diagnostics confirmatory test will be performed.

To get an overview of the situation in bat population in Slovenia a programme for monitoring of Lyssaviruses in bat population will be performed.

Monitoring

For the monitoring of efficacy of oral rabies vaccination approximately 800 samples will be tested, which comply with the recommendation of 4 foxes to be tested per 100 sq km. For this purpose hunters will be contracted. Biomarker detection test will be used for monitoring bait up-take, AB-ELISA for detection of achieved immunity in foxes. Age determination test will be used for better evaluation and interpretation of the results.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

Duration of the programme : 2013 - 2018

First year:

Control

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- 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. Describe the responsibilities of all involved.

(max. 32000 chars) :

Control of the implementation of eradication programme is carried out by VARS. The obligation of sending foxes for rabies testing is stipulated in the Rules on the carrying out the systematic monitoring of animal diseases and vaccinations to be carried out in the current year (for 2012 - Article 28; such rules are issued each year). Hunting families are obliged also according to the Wild Game and Hunting Act (Ur. I. RS, st. 16/2004, 120/2006, Odl.US: U-I-98/04) and Wildlife hunting and

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breeding plans, to provide certain amount of foxes for rabies testing. Control of implementation of the provisions of hunting and breeding plans is carried out by Hunting Inspection.

Diagnostic material is brought to private practitioners with concession, which are by law obliged to collect diagnostic material and organise its delivery to NVI via its Veterinary and Hygienic Service.

Holder of the concession agreement for implementation of ORV is under supervision of VARS.

Parenteral vaccination of grazing animals is performed by private practitioners with concession agreement with CA and are a part of the veterinary public service network. In this part they are directly under supervision of CA.

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):

The area in which the programme is to be implemented is the whole territory of the Republic of Slovenia. The territory is divided into 10 areas which are subject to the inspection of the CA (RO VARS - Regional Offices of VARS) shown in Annex.

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 a compulsory notifiable disease (Rules on animal diseases (Ur. I. RS, št. 81/07, 24/10)).

4.4.2 Target animals and animal population

(max. 32000 chars):

Surveillance

Target population in relation to surveillance are all animal species susceptible to rabies.

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ORV

For ORV target species is red fox. Estimated population of red fox in Slovenia is 11.066 (hunting bag).

Vaccination of grazing animals

Target species are grazing cattle, small ruminants and horses. Population sizes in high risk areas where vaccination is obligatory: 515 holdings / 4.103 cattle, 263 horses and 3.275 small ruminants.

4.4.3 Identification of animals and registration of holdings

(max. 32000 chars) :

Veterinary Compliance Criteria Act (Ur. I. RS, no. 93/05)

Rules on the identification and registration of cattle (Ur. I. RS, no. 16/03)

Rules on the identification and registration of ovine and caprine animals (Ur. I. RS, no. 22/04 and 45/08)

Regulation on implementation of Commission Regulation (EC) No 504/2008 of 6 June 2008

implementing Council Directives 90/426/EEC and 90/427/EEC as regards methods for the identification of equidae

The Veterinary Compliance Criteria Act is laying down in Articles 7 and 11 that stables under the veterinary control must be registered with the VARS, on the basis of a decision issued within the administrative procedure. Legal and natural persons involved in the breeding activity must report any changes regarding animals, facilities or other changes to the nearest veterinary organisation that is keeping the register of establishments and animals, and notify thereof the VARS.

Animal Identification and Registration Service (hereinafter referred to as: ISR) keeps a register of breeding/rearing establishments in the Republic of Slovenia. Each holding is identified on the basis of a unique KMG – MID, an identification number that defines the location of holding. It shall be obtained by each holding, when entered in the register of agricultural holdings.

4.4.4 Qualifications of animals and herds

(max. 32000 chars) :

not relevant

4.4.5 Rules of the movement of animals

(max. 32000 chars) :

Rules on the measures for the detection, prevention and suppression of rabies – Lyssa, (Ur. I. RS, št. 139/06, 67/07).

Rules on animal health conditions to be met for non-commercial movement of pet animals, and the model passports which must accompany such animals (Ur. I. RS, št. 25/08, 55/08, 3/09)

4.4.6 Tests used and sampling schemes

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(max. 32000 chars) :

For rabies detection direct FAT is used. As a complimentary method in the case of a positive result the PCR is used to differentiate between the field and vaccine strain virus. For each positive FAT result also virus isolation and virus determination is performed.

For OVF control:

- AB – ELISA – control of immunity
- Detection of tetracyclines in mandibular bone (so called "Tübingen" method) - control of bait up-take
- Bait titration (in accordance with WHO Laboratory Technics in Rabies, 4th Edition)
- Age determination of foxes

For the detection of the protection titer the FAVN test is used. The NVI (National Veterinary Institute) is on the list of the approved laboratories to perform these tests in accordance with the Council Regulation 998/2003/EC.

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars) :

Rules on the measures for the detection, prevention and suppression of rabies – Lyssa, Ur. I. RS, št. 139/06), Articles 8, 9, 10, 11

Rules on the carrying out of systematic monitoring of animal diseases and vaccination in 2012 (Ur. I. RS – št. 105/06), Articles 28, 33

The prevailing strategy of rabies eradication is vaccination. The oral vaccination of foxes and compulsorily vaccination of dogs and grazing animals are stipulated in the above-mentioned rules. Vaccination of cats and other domestic animals (outside of high risk areas) is recommended, though the vaccination of cats that are taking part in shows, exhibitions, is obliged as well.

All vaccines in use have to be registered and have to have market authorisation, by which also the conformity with international (OIE) standards is verified.

For OVF live attenuated vaccines are used (SAD strain) and for vaccination of dogs, cats and other domestic animals only inactivated vaccines can be used (only those have a market authorisation).

Serological and virological tests performed for rabies detection or for the control of vaccination are in accordance with the OIE standards and EU legislation.

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

(max. 32000 chars) :

A good biosecurity regime should always be in place to improve farm efficiency, protect neighbouring farms and the countryside, and safeguard animal and human health.

Biosecurity measures are taken as routine.

Reduce where possible the movements of people, vehicles or equipment into areas where farm animals are kept and by this to minimise potential contamination with manure, slurry and other products that could carry disease.

Veterinarians taking samples should (direct contact with farm animals occurs) cleanse and disinfect protective clothing, footwear, equipment, vehicles before and after contact, or where practicable use disposable protective clothing.

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The measures to minimise the risk of transmission of disease from wildlife to domestic animals should be in place.

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) :

Rules on the measures for the detection, prevention and suppression of rabies – Lyssa, UL RS 139/2006 In general, as it is prescribed in article 3, the whole territory of Slovenia is considered to be infected and control measures are prescribed on this basis.

In case of a suspected outbreak of disease, the authorised veterinary organisation shall immediately clinically confirm or reverse the suspicion of disease.

MEASURES CONCERNING DOMESTIC ANIMALS

Immediately upon notification of suspected disease and on the basis of expert instructions, the authorised veterinary organisation shall order:

- isolation of animal showing clinical signs of disease: dogs for 10 days, other domestic animals for 20 days; in case of death of the animal, its head or entire cadaver shall be subjected to investigation;
- a 10-day observation of clinically healthy dogs and cats, which have bitten a person; in this period, the authorised veterinary organisation shall carry out three clinical examinations, namely, on day one, five and ten following the bite.

The veterinary inspector may order the killing of animal under indent one of preceding paragraph.

In addition to measures under preceding paragraph, the following measures shall apply in the infected area during the presence of disease:

- confinement and isolation of animals under suspicion of disease;- quarantine of dogs;- all dogs outside residential fences shall be leashed;- confinement of stray dogs and cats;- unvaccinated animals having been in contact with rabid animal shall be killed; - unvaccinated animals under suspicion of having been in contact with rabid animal shall be subjected to preventive vaccination in accordance with the vaccine manufacturer's instructions;- unvaccinated dogs and cats under suspicion of having been in contact with rabid animal shall be killed;- animals, the vaccination whereof against rabies has been proven, and which have been in contact with rabid animal, shall be subjected to the determination of protective titre of antibodies against rabies; when the titre is less than 0.5 I.E., the animal shall be revaccinated and subjected to a three-month veterinary observation; in case that animal owner refuses revaccination or a three-month veterinary observation, such an animal shall be killed;- disinfection of facilities, where rabid animal has been kept.

Unvaccinated dogs and cats intended to take part in exhibitions shall be vaccinated against rabies at least 14 days prior to exhibition with a monovalent inactivated vaccine against rabies virus.

MEASURES CONCERNING WILD ANIMALS

Suppression and prevention of rabies in wild animals shall be carried out in accordance with the provisions of decision issued by the Veterinary Administration of the Republic of Slovenia (hereinafter referred to as: VARS). In addition to measures indicated in Article 6 of these Instructions and in accordance with the VARS programme, the following measures shall apply during the presence of disease in the country:- killed or dead foxes shall be subjected to investigation in accordance with the

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VARS programme;- wild animals, the veterinary clinical examination whereof is not feasible and which show characteristic nervous disorders, shall be killed and subjected to investigation;- wild animal cadavers shall be skinned in verified skinning plants and under the prescribed conditions;- the person skinning animal cadavers shall be immunised against rabies;- the person skinning animal cadavers shall wear protective goggles, protective clothing, heavy gloves and face-mask;- the bag containing animal skin and cadaver shall be kept in a separate room until investigation results are available; in case of positive investigation result for rabies, the entire bag containing animal skin and cadaver shall harmlessly be disposed of;- the premises should be cleaned and disinfected.

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

not relevant

4.4.11 Control on the implementation of the programme and reporting

(max. 32000 chars) :

Control of implementation of the programme is carried out by VARS according to the annual control plan. Reporting is performed in line with the Council Decision 2009/470/EC.

5. Benefits of the programme

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

(max. 32000 chars) :

The main benefit would be the eradication of rabies and by this to minimise the risk of transmission of rabies to human.

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

Data already submitted via the online system for the years 2007 - 2010:

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 : 2011

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples
SLOVENIJA	Dogs	microbiological or virological test	FAT	35	0 X
SLOVENIJA	Cats	microbiological or virological test	FAT	56	0 X
SLOVENIJA	Cattle	microbiological or virological test	FAT	17	0 X
SLOVENIJA	Other domestic animals	microbiological or virological test	FAT	14	0 X
SLOVENIJA	Dogs	serological test	FAVN	8	8 X
Total				130	
			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...*

6.5 Data on vaccination or treatment programmes for year: 2011

Region	Animal Species	Total number of herds	Total number of animals	Information on vaccination or treatment programme			
				Number of herds in vaccination or treatment programme	Number of animals vaccinated or treated	Number of doses of vaccine or treatment administered	Number of adults vaccinated
SLOVENIJA	Bovines	36 293	465 720	344	344	3 313	3 313
SLOVENIJA	Sheep and goats	7 689	164 575	145	145	3 667	3 667
SLOVENIJA	Equidae	5 000	22 735	60	60	202	202
Total		48 982	653 030	549	549	7 182	7 182
							Add a new row

6.6 Data on wildlife

Data on Wildlife is : Not applicable Applicable...

6.6.1 Estimation of wildlife population for year: 2011

Region	Species	Method of estimation	Estimation of the population
SLOVENIJA	fox	hunting bag	11 066 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
SLOVENIJA	fox	virological test	FAT	2 001	0 X
SLOVENIJA	badger	virological test	FAT	40	0 X
SLOVENIJA	wolf	virological test	FAT	10	0 X
SLOVENIJA	marten	virological test	FAT	20	0 X

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SLOVENIJA	roe deer	virological test	FAT	24	0	X
SLOVENIJA	other wildlife	virological test	FAT	12	0	X
SLOVENIJA	fox	serological test	AB ELISA	617	433	X
SLOVENIJA	fox	Biomarker detection	Detection of biomarker	617	473	X
SLOVENIJA	fox	other test	Age determination	617	617	X
SLOVENIJA	baits	other test	Bait titration	30	30	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	
SLOVENIJA	20 273	920 000	2	920 000	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 :

2013

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests
SLOVENIJA	FAT	Rabies susceptible specie:	brain	surveillance	2 500
SLOVENIJA	AB ELISA	Fox	blood	monitoring of campaigns	800
SLOVENIJA	BIMARKER DETECTION	Fox	mandibula	monitoring of campaigns	800
SLOVENIJA	AGE DETERMINATION	Fox	teeth	monitoring of campaigns	800
SLOVENIJA	PCR	Rabies susceptible specie:	brain	confirmation of suspected cases	10
SLOVENIJA	BAIT TITRATION	Bait	bait	testing of vaccine	30
SLOVENIJA	VIRUS DETERMINATION	Rabies susceptible specie:	brain	confirmation of suspected cases	10

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SLOVENIJA	VIRUS ISOLATION	Rabies susceptible specie:	brain	confirmation of suspected cases	10	X
SLOVENIJA	FAVN	Dog	blood	control of vaccination	40	X
SLOVENIJA	SEQUENCING	Rabies susceptible specie:	virus isolates	confirmation of suspected cases	10	X
				Total	5 010	
				Add a new row		

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	
SLOVENIJA	FAT	Rabies susceptible specie:	brain	surveillance	2 500	X
SLOVENIJA	AB ELISA	Fox	blood	monitoring of campaigns	800	X
SLOVENIJA	BIOMARKER DETECTION	Fox	mandibula	monitoring of campaigns	800	X
SLOVENIJA	AGE DETERMINATION	Fox	teeth	monitoring of campaigns	800	X
SLOVENIJA	PCR	Rabies susceptible specie:	brain	confirmation of suspected cases	10	X
SLOVENIJA	BAIT TITRATION	Bait	bait	testing of vaccine	30	X
SLOVENIJA	VIRUS DETERMINATION	abies susceptible species	brain	confirmation of suspected cases	10	X
SLOVENIJA	VIRUS ISOLATION	abies susceptible species	brain	confirmation of suspected cases	10	X

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SLOVENIJA	FAVN	Dog	blood	control of vaccination	40	X
SLOVENIJA	SEQUENCING	Rabies susceptible species:	virus isolates	confirmation of suspected cases	10	X
		Total			5 010	
				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	
SLOVENIJA	FAT	Rabies susceptible species:	brain	surveillance	2 500	X
SLOVENIJA	AB ELISA	Fox	blood	monitoring of campaigns	800	X
SLOVENIJA	BIMARKER DETECTION	Fox	mandibula	monitoring of campaigns	800	X
SLOVENIJA	AGE DETERMINATION	Fox	teeth	monitoring of campaigns	800	X
SLOVENIJA	PCR	Rabies susceptible species:	brain	confirmation of suspected cases	10	X
SLOVENIJA	BAIT TITRATION	Bait	bait	testing of vaccine	30	X
SLOVENIJA	VIRUS DETERMINATION	abies susceptible species	brain	confirmation of suspected cases	10	X
SLOVENIJA	VIRUS ISOLATION	abies susceptible species	brain	confirmation of suspected cases	10	X
SLOVENIJA	FAVN	Dog	blood	control of vaccination	40	X

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SLOVENIJA	SEQUENCING	Rabies susceptible specie: virus isolates	confirmation of suspected cases	10 X
			Total	5 010
Add a new row				

7.1.1 Targets on diagnostic tests for year :

2016

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests
SLOVENIJA	FAT	Rabies susceptible specie: brain		surveillance	2 500 X
SLOVENIJA	AB ELISA	Fox	blood	monitoring of campaigns	800 X
SLOVENIJA	BIOMARKER DETECTION	Fox	mandibula	monitoring of campaigns	800 X
SLOVENIJA	AGE DETERMINATION	Fox	teeth	monitoring of campaigns	800 X
SLOVENIJA	PCR	Rabies susceptible specie: brain		confirmation of suspected cases	10 X
SLOVENIJA	BAIT TITRATION	Bait	bait	testing of vaccine	30 X
SLOVENIJA	VIRUS DETERMINATION	abies susceptible species	brain	confirmation of suspected cases	10 X
SLOVENIJA	VIRUS ISOLATION	abies susceptible species	brain	confirmation of suspected cases	10 X
SLOVENIJA	FAVN	Dog	blood	control of vaccination	40 X
SLOVENIJA	SEQUENCING	Rabies susceptible specie: virus isolates		confirmation of suspected cases	10 X

		Total	5 010
Add a new row			

7.1.1 Targets on diagnostic tests for year :

2017

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests
SLOVENIJA	FAT	Rabies susceptible species:	brain	surveillance	2 500 X
SLOVENIJA	AB ELISA	Fox	blood	monitoring of campaigns	800 X
SLOVENIJA	BIOMARKER DETECTION	Fox	mandibula	monitoring of campaigns	800 X
SLOVENIJA	AGE DETERMINATION	Fox	teeth	monitoring of campaigns	800 X
SLOVENIJA	PCR	Rabies susceptible species:	brain	confirmation of suspected cases	10 X
SLOVENIJA	BAIT TITRATION	Bait	bait	testing of vaccine	30 X
SLOVENIJA	VIRUS DETERMINATION	abies susceptible species	brain	confirmation of suspected cases	10 X
SLOVENIJA	VIRUS ISOLATION	abies susceptible species	brain	confirmation of suspected cases	10 X
SLOVENIJA	FAVN	Dog	blood	control of vaccination	40 X
SLOVENIJA	SEQUENCING	Rabies susceptible species:	virus isolates	confirmation of suspected cases	10 X
Total					5 010

		Add a new row
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7.1.1 Targets on diagnostic tests for year :

2018

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests
SLOVENIJA	FAT	Rabies susceptible specie:	brain	surveillance	2 500
SLOVENIJA	AB ELISA	Fox	blood	monitoring of campaigns	800
SLOVENIJA	BIOMARKER DETECTION	Fox	mandibula	monitoring of campaigns	800
SLOVENIJA	AGE DETERMINATION	Fox	teeth	confirmation of suspected cases	800
SLOVENIJA	PCR	Rabies susceptible specie:	brain	testing of vaccine	10
SLOVENIJA	BAIT TITRATION	Bait	bait	confirmation of suspected cases	30
SLOVENIJA	VIRUS DETERMINATION	Rabies susceptible specie:	brain	confirmation of suspected cases	10
SLOVENIJA	VIRUS ISOLATION	Rabies susceptible specie:	brain	control of vaccination	10
SLOVENIJA	FAVN	Dog	blood	control of vaccination	40
SLOVENIJA	SEQUENCING	Rabies susceptible specie:	virus isolates	confirmation of suspected cases	10
Total					5 010
				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 for year : 2013

Region	Square km	Targets on vaccination or treatment programme		
		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
SLOVENIJA	20 273	460 000	2	920 000
Total		460 000		920 000

		Add a new row
--	--	----------------------

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

Region	Square km	Targets on vaccination or treatment programme	
		Number of doses of vaccine or treatments expected to be administered in the campaign	Expected number of campaigns
SLOVENIJA	20 273	460 000	2
Total		460 000	920 000
		Add a new row	

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

Region	Square km	Targets on vaccination or treatment programme	
		Number of doses of vaccine or treatments expected to be administered in the campaign	Expected number of campaigns
SLOVENIJA	20 273	460 000	2
		Add a new row	

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Total	460 000	920 000
	Add a new row	

7.3.2 Targets on vaccination or treatment of wildlife for year: **2016**

		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
SLOVENIJA	20 273	460 000	2
Total		460 000	920 000
		Add a new row	

7.3.2 Targets on vaccination or treatment of wildlife for year: **2017**

		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
		Add a new row	

SLOVENIJA	20 273	460 000	2	920 000	X
Total		460 000		920 000	
			Add a new row		

7.3.2 Targets on vaccination or treatment of wildlife for year: **2018**

Region	Square km	Number of doses of vaccine or treatments expected to be administered in the campaign	Targets on vaccination or treatment programme		Total number of doses of vaccine or treatment expected to be administered
			Expected number of campaigns	Total	
SLOVENIJA	20 273	460 000	2		920 000
Total		460 000		Add a new row	920 000

8. Detailed analysis of the cost of the programme for year: 2013

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

1. Testing						Union funding requested
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	2 500	34.14	85350	yes X
Cost of analysis	Elisa (antibody)	Individual animal sample/test	800	37.76	30208	yes X
Cost of analysis	Tetracycline detection	Individual animal sample/test	800	11.93	9544	yes X
Cost of analysis	Age determination	Individual animal sample/test	800	12.2	9760	yes X
Cost of analysis	PCR	Individual animal sample/test	10	49.68	496.8	yes X
Cost of analysis	Live vaccine titration	Vaccine bait	30	184.04	5521,2	yes X
Cost of analysis	Virus determination	Individual animal sample/test	10	95.17	951,7	yes X
Cost of analysis	Virus isolation	Individual animal sample/test	10	103.93	1039,3	yes X
Cost of analysis	FAVN	Individual animal sample/test	40	69.38	2775,2	yes X

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Cost of analysis	Sequencing	Individual animal sample/test	10	67.24	672,4	yes	X
Cost of sampling	Wild animals	Individual animal sample/test	2 500	16	40000	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 of animal product	Wildlife oral vaccination	Vaccine dose	920 000	0.6	552,000	yes	X
Distribution costs	Wildlife oral vaccination	Vaccine dose	920 000	0.45	414,000	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							

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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
					1 152 318,60 €	
	Total					

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.

1. Testing	Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test		2 500	34.14	85350	yes X
Cost of analysis	Elisa (antibody)	Individual animal sample/test		800	37.76	30208	yes X
Cost of analysis	Tetracycline detection	Individual animal sample/test		800	11.93	9544	yes X
Cost of analysis	Age determination	Individual animal sample/test		800	12.2	9760	yes X

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Cost of analysis	PCR	Individual animal sample/test	10	49.68	496,8 yes	X
Cost of analysis	Live vaccine titration	Vaccine bait	30	184.04	5521,2 yes	X
Cost of analysis	Virus determination	Individual animal sample/test	10	95.17	951,7 yes	X
Cost of analysis	Virus isolation	Individual animal sample/test	10	103.93	1039,3 yes	X
Cost of analysis	FAVN	Individual animal sample/test	40	69.38	2775,2 yes	X
Cost of analysis	Sequencing	Individual animal sample/test	10	67.24	672,4 yes	X
Cost of sampling	Wild animals	Individual animal sample/test	2 500	16	40000 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 of animal product	Wildlife oral vaccination	Vaccine dose	920 000	0.6	552,000 yes	X
Distribution costs	Wildlife oral vaccination	Vaccine dose	920 000	0.45	414,000 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				Community funding requested			
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	
5. Salaries (staff contracted for the programme only)				Add a new row			
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
6. Consumables and specific equipment				Add a new row			
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
7. Other costs				Add a new row			
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
Total				Add a new row			
				1 152 318,60 €			

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.

1. Testing

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Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	2 500	34.14	85350	yes
Cost of analysis	Elisa (antibody)	Individual animal sample/test	800	37.76	30208	yes
Cost of analysis	Tetracycline detection	Individual animal sample/test	800	11.93	9544	yes
Cost of analysis	Age determination	Individual animal sample/test	800	12.2	9760	yes
Cost of analysis	PCR	Individual animal sample/test	10	49.68	496,8	yes
Cost of analysis	Live vaccine titration	Vaccine bait	30	184.04	5521,2	yes
Cost of analysis	Virus determination	Individual animal sample/test	10	95.17	951,7	yes
Cost of analysis	Virus isolation	Individual animal sample/test	10	103.93	1039,3	yes
Cost of analysis	FAVN	Individual animal sample/test	40	69.38	2775,2	yes
Cost of analysis	Sequencing	Individual animal sample/test	10	67.24	672,4	yes
Cost of sampling	Wild animals	Individual animal sample/test	2 500	16	40000	yes
						Add a new row
						2. Vaccination or treatment

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Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
Purchase of vaccine/treatment of animal product	Wildlife oral vaccination	Vaccine dose	920 000	0.6	552,000	yes X
Distribution costs	Wildlife oral vaccination	Vaccine dose	920 000	0.45	414,000	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

		Add a new row	
	Total		1 152 318,60 €

8. Detailed analysis of the cost of the programme for year : 2016

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

1. Testing					
Cost related to	<u>Specification</u>	Unit	Number of units	Unitary cost in EUR	Total amount in EUR
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	2 500	34.14	85350 yes X
Cost of analysis	Elisa (antibody)	Individual animal sample/test	800	37.76	30208 yes X
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Cost of analysis	PCR	Individual animal sample/test	10	49.68	496.8 yes X
Cost of analysis	Live vaccine titration	Vaccine bait	30	184.04	5521,2 yes X
Cost of analysis	Virus determination	Individual animal sample/test	10	95.17	951,7 yes X

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Cost of analysis	Virus isolation	Individual animal sample/test	10	103.93	1039,3 yes	X
Cost of analysis	FAVN	Individual animal sample/test	40	69.38	2775,2 yes	X
Cost of analysis	Sequencing	Individual animal sample/test	10	67.24	672,4 yes	X
Cost of sampling	Wild animals	Individual animal sample/test	2 500	16	40000 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 of animal product	Wildlife oral vaccination	Vaccine dose	920 000	0.6	552,000 yes	X
Distribution costs	Wildlife oral vaccination	Vaccine dose	920 000	0.45	414,000 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)						

Standard requirements for the submission of programme for eradication, control and monitoring
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Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
6. Consumables and specific equipment						
Cost related to						
Add a new row						
7. Other costs						
Cost related to						
Add a new row						
Total						

8. Detailed analysis of the cost of the programme for year: 2017

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

1. Testing	Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	2 500		34.14	85350	yes X
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Cost of analysis	Tetracycline detection	Individual animal sample/test	800	11.93	9544 yes	X
Cost of analysis	Age determination	Individual animal sample/test	800	12.2	9760 yes	X
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Distribution costs	Wildlife oral vaccination	Vaccine dose	920 000	0.45	414,000 yes	X
					Add a new row	

3. Slaughter and destruction						Union funding requested
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	
4. Cleaning and disinfection						Add a new row
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested
5. Salaries (staff contracted for the programme only)						Add a new row
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
6. Consumables and specific equipment						Add a new row
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
7. Other costs						Add a new row
Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested
Total					1 152 318,60 €	

8. Detailed analysis of the cost of the programme for year : 2018

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Cost of analysis	Virus isolation	Individual animal sample/test	10	103.93	1039,3	yes X
Cost of analysis	FAVN	Individual animal sample/test	40	69.38	2775,2	yes X

Standard requirements for the submission of programme for eradication, control and monitoring
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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 related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	
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Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	
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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

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 : zip,jpg,jpeg,tiff,tif,xls,doc,bmp,pna.
- 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) Zip files cannot be opened (by clicking on the Open button). All other file formats can be opened.

