



Annex I.a : Programme for Rabies eradication submitted for obtaining EU cofinancing

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

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

Your current version of Acrobat is: 11.015

Instructions to complete the form:

- 1) You need to have at least the **Adobe Reader version 8.1.3** or higher to fill and submit this form.
- 2) To verify your data entry while filling your form, you can use the **“verify form”** button at the top of each page.
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- 7) For simplification purposes you are invited to submit **multi-annual programmes**.
- 8) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in **English**.

Submission Date

10/11/2015

Submission Number

1447167754317-7005



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

1. Identification of the programme

Member state : HRVATSKA

Disease Rabies

Species : Foxes and racoon dogs

This program is multi annual : yes

Type of submission : Modification of already approved multiannual programme

Approved programme from beginning of :

2014

To end of

2018

**MODIFICATION OF ALREADY APPROVED
MULTIANNUAL PROGRAMME**

Modification to be applied from year :

2016

Contact

Name : Ivica Sućec

Phone : 00 385 1 6443 872

Your job type within the CA : Head of Department

Email : ivica.sucec@mps.hr

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

A. Technical information

1. Submitted programme

1.1 Provide a concise description of

- the programme with its main objective, overall strategy and timeframe. In case of a long time strategy, interim objectives for each year should be specified.
- target population for vaccination, surveillance and monitoring
- main measures: vaccination scheme, surveillance, monitoring and other measures
- areas of implementation of the programme

(max. 32000 chars) :

Domestic animals:

Compulsory vaccination of dogs against rabies once per year, will be continued in the period covered by the program, later on when Croatia will be recognised as officially free of rabies, it is envisaged that vaccination of dogs will be according to prescription of vaccine producer (possibly once in three years)

Wild animals:

The aim of the project is to continue with a plan for eradication of rabies in Croatia via oral vaccination of foxes and to achieve the status of being free from rabies. Vaccination will be conducted until evidence for recognition of officially free country will not be collected. To achieve this aim wild carnivore, predominantly red foxes have to be vaccinated orally with vaccine-laced baits. The vaccination scheme is the following:

- as a rule, baits are dropped by plane on whole area of Croatia, except Adriatic islands, with density of 25 baits per square kilometer twice a year;
- Bosnia and Herzegovina, as a buffer zone, will be covered by vaccination on total surface in order to maintain vaccination of wild susceptible animals, with density of 25 baits per square kilometer twice a year;

1.2. Benefits of the programme

Describe

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

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(max. 32000 chars) :

The benefits of program are:

- Eradication of rabies in Croatia
- Protection of human health
- Achieving the status of country being free from rabies
- Vaccination of bordering 3rd country (Bosnia and Herzegovina) for the purpose of maintaining buffer zone of EU member states (Slovenia, Hungary and Croatia), and for the purpose of eradication of rabies in Bosnia and Herzegovina and whole Western Balkan region

Croatia and Bosnia and Herzegovina are implementing oral vaccination programme since 2011, together with other Western Balkan countries. Number of rabies cases is rapidly decreasing in last two years, and continuous vaccination is of utmost importance in order to eradicate rabies in region.

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

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

- vaccination and monitoring
- surveillance

Attach maps as necessary

(max. 32000 chars) :

The total surface area of Croatia is 56.542 square km. Area to be covered by the baits in period 2014 - 2018 is 53.317 square km while the surface of all Adriatic islands is excluded from the distribution. Furthermore, total area of B&H is 51.197 square km, and vaccination should be implemented on whole area. Monitoring should be implemented on area covered by vaccine baits on a way that 4 foxes per 100 square km should be shot and tested, in order to control efficiency of vaccination. Surveillance is conducted in way that every suspect animal is tested in order to confirm or rule out rabies.

3. Description of the measures of the programme

3.1. Notification of the disease

(max. 32000 chars) :

Rabies is compulsory notifiable disease. A detail disease notification procedure is prescribed by Veterinary Act and Ordinance on the notification of animal diseases (OG 135/14). For the purpose of timely reactions and undertaking of measures for the prevention and eradication of the disease, disease notification is organised as urgent exchange of information between the Veterinary Directorate, Official Laboratories and veterinary services in the field. Any suspicion and confirmed case of all zoonotic

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

diseases must be reported immediately. Pursuant to reports on disease occurrence issued by veterinary organisations and laboratory reports, the Veterinary and Food Safety Directorate drafts a monthly report about the occurrence and spread of animal diseases in the Republic of Croatia. All monthly reports are regularly published on the web site of the MA (www.veterinarstvo.hr). Regarding the international obligations on disease notification, in accordance to the aforementioned Croatian legislation, VVeterinary and Food Safety Directorate regularly notifies European Commission (ADNS), World Organisation for Animal Health (WAHIS-OIE) and competent veterinary authorities of neighbouring countries on primary and secondary disease outbreaks as well as prepare six-monthly and annual reports for OIE. In order to raise awareness of animal owners on the importance of immediate notification of disease as well as to regain the knowledge of veterinarians and veterinary inspectors on disease notification procedure, a leaflet "Obligatory animal disease notification" and leaflets and posters on rabies has been prepared by Veterinary and Food Safety Directorate and distributed throughout veterinary organisations and hunting grounds.

3.2. Target animals and animal population

(max. 32000 chars) :

Foxes and other wild carnivores.

3.3. Tests used and sampling schemes

Describe :

- a. the tests used for surveillance and monitoring, when are to be used and in which animals
- b. the sampling schemes in each area of the programme for surveillance and monitoring

(max. 32000 chars) :

For rabies detection or confirmation purposes direct FAT is used. As a complementary method in case of positive result PCR is used. For each positive FAT virus isolation and virus determination is performed.

For ORV campaigns additional tests were performed in 2011, 2012 and 2013.

- RFFIT and ELISA - control of immunity
- detection of tetracycline - control of bait up-take
- age determination by trained expert
- titration of baits - according to recommended instructions from CRL in AFSSA, Nancy

In 2014 ELISA is changed with mFAVN test and in forthcoming campaigns it is envisaged to use is further on.

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- detection of tetracycline - control of bait up-take

- age determination by trained expert

Protection titer is controlled by FAVN test. Croatian Veterinary Institute Zagreb as NRL for rabies is on the list of the approved laboratories to perform mentioned test.

3.4. Vaccines used and vaccination schemes

Describe

- vaccine(s) to be used
- bait density to be achieved in each of the units of the programme
- number and period of the campaigns
- Vaccine distribution (if it is delivered by hand, clarify the reason and the areas covered)

(max. 32000 chars) :

Act on Veterinary Medicinal Products (Official Gazette 84/08) (hereinafter: "Act") lays down the procedure for testing and placing on the market, manufacture, labelling, wholesale and retail sale, pharmacovigilance, quality control, and advertising and supervision of veterinary medicinal products (hereinafter: "VMPs") in order to assure their quality, safety and efficacy as products for animal health protection, and thus also protect human health from VMP residues in foodstuffs of animal origin and in feedingstuffs. According to above mentioned Act, prior to its placing on the market the VMP shall be tested for quality, efficacy and safety.

VMPs may be placed on the market on the basis of the marketing authorisation issued by the competent authority, which is valid for five years. Only legal or natural person seated in the Republic of Croatia has the possibility to file an application for issuance of the marketing authorisation. The application must be supported by the documentation consisting of general part, analytical part, preclinical part and clinical part.

For vaccination of dogs and other domestic animals only monovalent vaccine manufactured from dead, highly virulent immunogenic strains of the rabies virus is prescribed and approved.

Each year the Minister issues orders by which rules for obligatory vaccination of dogs and oral vaccination of foxes are prescribed. Obligatory vaccination of dogs is prescribed in Order on the measures for animal health protection against infectious and parasitic diseases and financing thereof in the calendar year and oral vaccination of foxes in Order on the implementation of oral vaccination of foxes in the Republic of Croatia .

The oral vaccination of foxes against rabies will be done by plane and by manual distribution for specified areas, if necessary, in density of 25 baits per km². The vaccination needs to be performed twice a year. The total surface area of Croatia is 56.542 km². The estimated area to be covered by baits is 53.283 km² (3,259 km² is the total area of all Adriatic islands which will not be covered by vaccine as there were no positive results on rabies). Flight line distance will be 500 meters, as in previous years (2011, 2012, 2013, 2014 and 2015).

It is envisaged that one contractor will be responsible for vaccine purchase, storage of vaccine and vaccine distribution, therefore, the contractor (consortium) will be responsible for maintenance of cold chain. Veterinary inspectors will monitor the storage of vaccine and handling with vaccine before distribution regularly.

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Each lot of vaccine will be tested prior the distribution, and titration results will be entered to the report intended for European Commission. Competent authority will not allow distribution of vaccine before satisfactory results of vaccine titration.

The contractor (consortium) will be obliged to ensure proper equipment in each plane in order to provide distribution data via GPS system to the contractor every day. Data will be analysed and corrective measures (density of baits not satisfactory, malfunction of GPS system or distribution machines), if any, will be requested from contractor.

3.5. Measures in case of a positive result

Please describe the measures taken and if reinforced vaccination, surveillance or monitoring is foreseen.

(max. 32000 chars) :

Measures in case of suspicion and positive result are prescribed in Ordinance on measures for the control and eradication of rabies in animals (OG 32/00). In case of suspicion authorised veterinary organization shall immediately take measures to confirm or rule out the suspicion of disease. If an animal is suspected of being rabid, a veterinarian from the authorised veterinary organization must clinically examine the animal in order to decide whether suspicion of rabies is justified. If the suspicion of rabies is clinically confirmed by the veterinarian, veterinary inspector must immediately order that the animal is euthanised and material submitted to the official laboratory for testing. Clinically healthy dogs and cats that have injured people must be observed for 10 days. During this period, three clinical examinations shall be conducted: on the first, fifth and tenth day.

Where rabies is suspected, the head or carcass of the animal must be submitted for laboratory testing. An animal shall be considered rabid where rabies has been confirmed by laboratory analysis, using an immunofluorescent antibody test and PCR.

Following confirmation of rabies and as long as the risk of rabies exists, the following measures must be ordered in protection zone:

1. confinement of all animals suspected of being rabid;
2. confinement of dogs under three months of age;
3. keeping of dogs and cats under control; dogs must be marked, leashed and muzzled;
4. prohibition of trade in dogs and cats;
5. checking of procedures applied by animal keepers and tracing of contacts the infected animals may have had with other animals susceptible to rabies or with humans;
6. preventive vaccination of dogs and, where necessary, of other animals susceptible to rabies;
7. euthanasia of unvaccinated dogs and cats and of stray dogs and cats;
8. organised reduction of the fox population and, where necessary, other wild animal population;
9. euthanasia of animals affected with rabies and of nonvaccinated animals bitten by a rabid animal; animals vaccinated against rabies which have been bitten by a rabid animal shall be closely observed for 6 months, in which period the animal owner must report to the veterinary organisation any changes in health status of the animals under observation;
10. euthanasia of animals that have been in contact with a rabid animal or an animal suspected to be rabid, or vaccination of such animals if there are not bites on them (with the exception of unvaccinated dogs and cats) and their placement in quarantine for six months;

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11. euthanasia of animals suspected of being rabid, that demonstrate changes in their species-characteristic behaviour;
12. prohibition of removing animal products, animal raw materials and objects likely to spread rabies from an infected holding or other places;
13. prohibition of skinning of the carcasses of dogs, cats, foxes, wolves and other fur animals. The skinning of carcasses may be allowed provided the following conditions are met:
 - the person skinning the carcasses of the animals referred to above must have received a protective vaccination against rabies, must not have wounds on the head and hands, and must be trained to perform this procedure;
 - the person skinning animal carcasses must wear protective clothing and footwear, gloves and face mask, and must have appropriate equipment for taking material for laboratory testing and disinfectants;
 - the bag containing the skin must be kept in a separate room until the result of the testing is known. If the result of the testing is positive the bag and the skin contained in it shall be destroyed; if the result of the testing is negative it will be allowed to place the skin on the market.

Disinfection of rooms and premises where a rabid animal or an animal suspected of being rabid animal is kept and of equipment which has come in contact with such animal shall be carried out daily, until the animals are euthanised or the period of observation of a suspected rabid animal has elapsed, after which final disinfection shall be carried out.

B. General information

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

Describe :

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

(max. 32000 chars):

The competent body for the organization and implementation of this Programme, is the Ministry of Agriculture– Veterinary and Food Safety Directorate- Animal Health Sector.
The competent body for supervision and control of the Programme implementation in the field is the Ministry of Agriculture– Veterinary and Food Safety Directorate- Veterinary Inspection Sector.
Taking and submitting of samples to the authorised veterinary organizations is done by hunters.
Submission of samples to laboratory is conducted by authorised veterinarians.
Laboratory diagnostic is done in NRL for Rabies as well as in the official laboratories.

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2. Legal basis for the implementation of the programme

(max. 32000 chars) :

List of legislation concerning the implementation of the programme:

- a) Veterinary Act (Official Gazette 82/13,148/13)
- b) Act on Veterinary Medicinal Products (Official Gazette 84/08)
- c) Ordinance on oral vaccination of foxes (Official Gazette 137/13)
- d) Ordinance on the notification of animal diseases (Official Gazette 135/14)
- e) Ordinance on measures for the control and eradication of rabies in animals (Official Gazette 32/00)

All listed legislation is in place. Currently, Ordinance on measures for the control and eradication of rabies in animals (Official Gazette 32/00) are under revision and will be finalised and updated by the end of third quarter of 2015.

3. Historical data on the epidemiological evolution of the disease

Provide :

- a. a concise description of the following indicators
 - number of rabies cases (excluding bat cases) compared to previous year
 - number of rabies cases in previously (last year) case free areas compared to previous year
 - % of seroconversion in target species (juveniles/adult separately) compared to previous year
 - % of vaccine uptake in target species (juveniles/adult separately) compared to previous year
- b. an assessment of the evolution of the indicators along the years is requested as well as obstacles and constraints identified that hamper the progress of eradication.

(max. 32000 chars) :

In 2014, there was only one rabies case in total (red fox) - see attached map. In 2013, there were 37 rabies cases (35 in wild animals and 2 in domestic animals - horse and dog).

% of seroconversion juveniles - 2013 = 16,78 %

% of seroconversion adult - 2013 = 29,55 %

% of seroconversion juveniles - 2014 = 31,77 %

% of seroconversion adult - 2014 = 23,91 %

% of vaccine uptake juvenile - 2013 = 60,4 %

% of vaccine uptake adult 2013 = 84,38 %

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% of vaccine uptake juvenile - 2014=82,04 %

% of vaccine uptake adult 2014=83,65 %

In five years of implementation of programme, in general, results are satisfactory, seroconversion is not as high as expected, but anyhow, last rabid case was in february 2014. Main obstacle for reintroducing disease is unknown future plans for vaccination in region, especially in bordering countries - Bosnia and Herzegovina, Montenegro and Serbia. Therefore, and due to fact that B&H is already implementing vaccination for 5 consecutive years, we propose vaccination on whole territory in 2016.

4. Control on the implementation of the programme

Describe the system to control the implementation of the programme (flight tracks, bait distribution, cold chain and official controls to be performed on the vaccine)

(max. 32000 chars) :

The competent body for the organization and implementation of this Programme, is the Ministry of Agriculture– Veterinary and Food Safety Directorate- Animal Health Sector.

The competent body for supervision and control of the Programme implementation in the field is the Ministry of Agriculture– Veterinary and Food Safety Directorate- Veterinary Inspection Sector.

Vaccine is tested prior the distribution, by NRL for rabies (Croatian Veterinary Institute - Zagreb).

Distributor of vaccine is controlled on airports, for the purpose of maintaining cold chain of vaccine.

Distribution itself is controlled in way that person in charge of distribution at competent authority have link for monitoring position of airplanes while distributing vaccine. Furthermore, data is delivered daily, and valuated following day for the previous day. All gaps are reported so the distributor can repeat distribution if necessary.

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C. Targets

1. Tests to be carried out for the monitoring of the vaccination effectiveness

Targets for year: **2016**

Country	Region	Animal Species	Type of test	Test description	Number of tests	Expected number of positive results	% positive	
HRVATSKA	Whole country	Fox	presence of biomar	Tetracycline in bones	2150	1250	58	X
HRVATSKA	Whole country	Fox	serological test	FAVN	2150	450	21	X
HRVATSKA	Whole country	Fox	serological test	FAT	2150	0	0	X
HRVATSKA	Whole country	Vaccine	vaccine titration te	Vaccine titration test	6	6	100	X
Totals :					6 456	1 706		
					Add a new row			
Total tests Serological (VNT,FAVN,ELISA) in MS					2 150			
Total tests Serological (Other) in MS					2 150			
Total tests presence of biomarker (Tetracycline in bones) in MS					2 150			
Total tests presence of biomarker (Other) in MS					0			

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Targets for year: 2017

Country	Region	Animal Species	Type of test	Test description	Number of tests	Expected number of positive results	% positive
HRVATSKA	Whole country	Fox	presence of biomar	Tetracycline in bones	2150	1350	63
HRVATSKA	Whole country	Fox	serological test	FAVN	2150	500	23
HRVATSKA	Whole country	Fox	serological test	FAT	2150	0	0
HRVATSKA	Whole country	Vaccine	vaccine titration	Vaccine titration test	6	6	100
Totals :					6 456	1 856	
Add a new row							
Total tests Serological (VNT,FAVN,ELISA) in MS							
					2 150		
Total tests Serological (Other) in MS							
					2 150		
Total tests presence of biomarker (Tetracycline in bones) in MS							
					2 150		
Total tests presence of biomarker (Other) in MS							
					0		

Targets for year: 2018

Country	Region	Animal Species	Type of test	Test description	Number of tests	Expected number of positive results	% positive
HRVATSKA	Whole country	Fox	presence of biomar	Tetracycline in bones	2150	1400	65

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HRVATSKA	Whole country	Fox	serological test	FAVN	2150	550	26	X
HRVATSKA	Whole country	Fox	serological test	FAT	2150	0	0	X
HRVATSKA	Whole country	Vaccine	vaccine titration	Vaccine titration test	6	6	100	X
Totals :					6 456	1 956		
Add a new row								
Total tests Serological (VNT,FAVN,ELISA) in MS								
					2 150			
Total tests Serological (Other) in MS								
					2 150			
Total tests presence of biomarker (Tetracycline in bones) in MS								
					2 150			
Total tests presence of biomarker (Other) in MS								
					0			

2. Surveillance tests to be carried out

Targets for year: 2016

Country	Region	Animal Species	Category	Test description	Number of tests	Expected number of positive results
HRVATSKA	Whole country	Fox	Suspect or dead animal	FAT	100	0

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HRVATSKA	Whole country	Fox	Suspect or dead at IRT-PCR		50	0	X
				Total	150	0	
Add a new row							
Total tests FAT in MS							
Total tests Virus characterisation tests in MS							
Total tests Other in MS							

Targets for year: 2017

Country	Region	Animal Species	Category	Test description	Number of tests	Expected number of positive results	
HRVATSKA	Whole country	Fox	Suspect or dead at FAT		100	0	X
HRVATSKA	Whole country	Fox	Suspect or dead at IRT-PCR		50	0	X
				Total	150	0	
Add a new row							
Total tests FAT in MS							
Total tests Virus characterisation tests in MS							
Total tests Other in MS							

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

Targets for year: 2018

Country	Region	Animal Species	Category	Test description	Number of tests	Expected number of positive results
HRVATSKA	Whole country	Fox	Suspect or dead animal	FAT	100	0
HRVATSKA	Whole country	Fox	Suspect or dead animal	IRT-PCR	50	0
				Total	150	0
Add a new row						
Total tests FAT in MS					100	
Total tests Virus characterisation tests in MS					0	
Total tests Other in MS					50	

3 *Wildlife oral vaccination to be carried out*

Targets for year: 2016

Country	Region / area	Products used	Number of doses	Size of the vaccination area (km ²)
HRVATSKA	Whole country	SAD Bern strain	2665850	53 317

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Total		2 665 850	
			Add a new row
Oral vaccine and baits made of SAD Bern strain in MS		2 665 850	
Oral vaccine and baits made of SAG2 strain in MS		0	
Oral vaccine and baits made of SAD B19 strain in MS		0	
Oral vaccine in neighbourin countries		0	

Targets for year: 2017

Country	Region / area	Products used	Number of doses	Size of the vaccination area (km ²)
HRVATSKA	Whole country	SAD Bern strain	2665850	53 317
		Total	2 665 850	
				Add a new row
Oral vaccine and baits made of SAD Bern strain in MS			2 665 850	
Oral vaccine and baits made of SAG2 strain in MS			0	
Oral vaccine and baits made of SAD B19 strain in MS			0	
Oral vaccine in neighbourin countries			0	

Targets for year: 2018

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

Country	Region / area	Products used	Number of doses	Size of the vaccination area (km²)	
HRVATSKA	Whole country	SAD Bern strain	2665850	53 317	X
		Total	2 665 850		
				Add a new row	
	Oral vaccine and baits made of SAD Bern strain in MS		2 665 850		
	Oral vaccine and baits made of SAG2 strain in MS		0		
	Oral vaccine and baits made of SAD B19 strain in MS		0		
	Oral vaccine in neighbourin countries		0		

(max. 32000 chars) :

Tendering procedure is finished for years 2016/2017, and SAD Bern strain was selected.

(max. 32000 chars) :

n/a

(max. 32000 chars) :

n/a

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4 Official control of oral vaccines to be carried out

Targets for year : 2016

Country	Number of batches distributed	Number of batches controlled by the CA (virus titration)
HRVATSKA	6	6 X
Total	6	6
		Add a new row
Vaccine titration tests in MS		6

Targets for year : 2017

Country	Number of batches distributed	Number of batches controlled by the CA (virus titration)
HRVATSKA	6	6 X
Total	6	6
		Add a new row
Vaccine titration tests in MS		6

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Targets for year: 2018

Country	Number of batches distributed	Number of batches controlled by the CA (virus titration)
HRVATSKA	6	6
Total	6	6
		Add a new row
Vaccine titration tests in MS		6

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D. Detailed analysis of the cost of the programme

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

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

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

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

1. Monitoring / surveillance							
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested	
Monitoring	presence of biomarker(Tetracycline in bones)	Individual wild animal	2 150	10	21500	yes	X
Monitoring	Serological test(VNT/FA/VNELISA)	Individual wild animal	2 150	15.24	32766	yes	X
Monitoring	Serological test(Other)	Individual wild animal	2 150	13.09	28143,5	yes	X
Surveillance	FAT	Individual wild animal	100	13.09	1309	yes	X
Surveillance	Virus characterisation test	Individual wild animal	0	40	0	yes	X
Surveillance	Other tests	Individual wild animal	50	35	1750	yes	X
						Add a new row	

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2. Vaccination						
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested
Oral vaccine and baits in MS	SAD Bem strain vaccine and bait	Vaccine dose or bait	2 665 850	0.28	746,438	X
Distribution of oral vaccine per dose in MS	SAD Bem strain vaccine and bait	Vaccine dose or bait	2 665 850	0.28	746,438	X
Purchase and distribution of oral vaccine and baits in neighbouring third countries	Oral vaccine dose or bait	Vaccine dose or bait	0	0	0	X
Vaccine titration tests in MS	Number of batches controlled by the CA	Batch	6	100	600	X
Oral vaccine and baits in MS	SAD B19 strain vaccine and bait	Vaccine dose or bait	0	0.57	0	X
Distribution of oral vaccine per dose in MS	SAD B19 strain vaccine and bait	Vaccine dose or bait	0	0.47	0	X
3. Other costs						
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested
Delivery of samples	Red fox carcasses delivered for monitoring purposes	Red fox carcasses	2 150	10	21500	X
Awareness campaign	radio spots	commercial on TV and RADIO	10	2000	20000	X
					Add a new row	
	Total				1 620 444,50 €	

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

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

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1. Monitoring / surveillance						
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested
Monitoring	presence of biomarker(Tetracycline in bones)	Individual wild animal	2 150	10	21500	yes X
Monitoring	Serological test(VNT/FAVN/ELISA)	Individual wild animal	2 150	15.24	32766	yes X
Monitoring	Serological test(Other)	Individual wild animal	2 150	13.09	28143,5	yes X
Surveillance	FAT	Individual wild animal	100	13.09	1309	yes X
Surveillance	Virus characterisation test	Individual wild animal	0	40	0	yes X
Surveillance	Other tests	Individual wild animal	50	35	1750	yes X
					Add a new row	
2. Vaccination						
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested
Oral vaccine and baits in MS	SAD Bem strain vaccine and bait	Vaccine dose or bait	2 665 850	0,28	746,438	yes X

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Distribution of oral vaccine per dose in MS	SAD Bern strain vaccine and bait	Vaccine dose or bait	2 665 850	0,28	746,438	yes	X
Purchase and distribution of oral vaccine and baits in neighbouring third countries	Oral vaccine dose or bait	Vaccine dose or bait	0	0,95	0	no	X
Oral vaccine and baits in MS	SAD B19 strain vaccine and bait	Vaccine dose or bait	0	0,57	0	no	X
Distribution of oral vaccine per dose in MS	SAD B19 strain vaccine and bait	Vaccine dose or bait	0	0,47	0	no	X
Vaccine titration tests in MS	Number of batches controlled by the CA	Batch	6	100	600	yes	X
3.Other costs							
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested	
Delivery of samples	Red fox carcasses delivered for monitoring purposes	Red fox carcasses	2 150	10	21500	yes	X
					Add a new row		
	Total				1 600 444,50 €		

1. Costs of the planned activities for year:

2018

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

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

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

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1. Monitoring / surveillance							
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested	
Monitoring	presence of biomarker(Tetracycline in bones)	Individual wild animal	2 150	10	21500	yes	X
Monitoring	Serological test(VNT/FAV/ELISA)	Individual wild animal	2 150	15.24	32766	yes	X
Monitoring	Serological test(Other)	Individual wild animal	2 150	13.09	28143,5	yes	X
Surveillance	FAT	Individual wild animal	100	13.09	1309	yes	X
Surveillance	Virus characterisation test	Individual wild animal	0	40	0	yes	X
Surveillance	Other tests	Individual wild animal	50	35	1750	yes	X
					Add a new row		
2. Vaccination							
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested	
Oral vaccine and baits in MS	SAD Bem strain vaccine and bait	Vaccine dose or bait	2 665 850	0.28	746,438	yes	X
Distribution of oral vaccine per dose in MS	SAD Bem strain vaccine and bait	Vaccine dose or bait	2 665 850	0.28	746,438	yes	X
Purchase and distribution of oral vaccine and baits in neighbouring third countries	Oral vaccine dose or bait	Vaccine dose or bait	0	0.95	0	no	X
Oral vaccine and baits in MS	SAD B19 strain vaccine and bait	Vaccine dose or bait	0	0.57	0	no	X
Distribution of oral vaccine per dose in MS	SAD B19 strain vaccine and bait	Vaccine dose or bait	0	0.47	0	no	X
Vaccine titration tests in MS	Number of batches controlled by the CA	Batch	6	100	600	yes	X

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3. Other costs						
Cost related to	Specification	Unit	Number of units	Unitary cost/ceiling in EUR	Total amount in EUR	Union funding requested
Delivery of samples	Red fox carcasses delivered for monitoring purposes	Red fox carcasses	2 150	10	21500	yes X
					Add a new row	
	Total				1 600 444,50 €	

2. Financial information

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

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

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

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

(max. 32000 chars) :

Hunters are obliged to deliver foxes to Authorized veterinarian (private vet). For each delivered fox, authorized veterinarian pays to the hunter, checks

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the quality of sample, and sends sample to the regional laboratory or National reference laboratory.

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

(max. 32000 chars) :

After conducting all tests both for surveillance and monitoring, results are sent to the Veterinary and Food Safety Directorate, and according to number of tests performed, payment is processed to the NRL each month (state budget)

c) Implementing entities - **compensation**

(max. 32000 chars) :

n/a

d) Implementing entities - **vaccination**: who provides the vaccine and who performs the vaccination? Who pays the vaccine? Who pays the vaccinator?

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(max. 32000 chars) :

Vaccine is provided by Ministry of Agriculture, according to public tender which will be launched in 2015, for two consecutive years (2016-2017). The contractor will be obliged to deliver vaccine to Croatia, and distribute it after satisfactory result from NRL on titration of vaccine baits. The same company (consortium) will be responsible both for supply of vaccine and distribution of vaccine via airplanes/helicopters. Payment will be processed in time period of 30 days after submitting written report and evidence on distribution to the Ministry of Agriculture. Payment will be processed from state budget.

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

(max. 32000 chars) :

n/a

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

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

Up to 75% for the measures detailed below

Up to 100% for the measures detailed below

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3. Source of funding of eligible measures

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

yes

no

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Attachments

IMPORTANT :

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

List of all attachments

	Attachment name	File will be saved as (only a-z and 0-9 and -_) :	File size
	POZITIVNA LISICA U 2014.jpg	POZITIVNALISICAU2014.jpg	390 kb
		Total size of attachments :	390 kb