EUROPEAN COMMISSION
HEALTH & CONSUMERS DIRECTORATE-GENERAL

Unit G5 - Veterinary Programmes

SANCO/10886/2012

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

Survey programme for Rabies

Approved* for 2012 by Commission Decision 2011/807/EU

Finland

* in accordance with Council Decision 2009/470/EC

1. Identification of the programme

Member state : SUOMI / FINLAND

Disease Rabies

Species : Foxes and other wild carnivores

This program is multi annual : yes

Year of the multi annual request : first year

Request of Community co-financing from beginning of : 2012 *To end of* 2014

1.1 Contact

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2. Historical data on the epidemiological evolution of the disease

A concise description is given with data on the target population (species, number of herds and animals present and under the programme), the main measures (testing, testing and slaughter, testing and killing, 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, graphs or maps.

(max. 32000 chars) :

Rabies was common in the Finnish dog population at the beginning of the 20th century, but the disease was eradicated from the country by vaccinating local dog populations during the 1950's. In April 1988, a local spot of essentially sylvatic rabies was discovered in south-eastern Finland. From April 1988 to February 1989 a total number of 66 virologically verified cases were recorded within a geographical area of 1 700 km2 (48 raccoon dogs, 12 foxes, 2 badgers, 2 domestic cats, one dog and one dairy bull). All virus isolates were identical and closely related with the strain occurring in Estonia.
As a first measure the local dog population in the area, some 8 000 animals, were vaccinated against rabies at the expense of the state. At the same time it was also highly recommended to vaccinate all other dogs. In co-operation with the WHO surveillance centre in Tübingen, Germany, a field campaign of oral vaccination of raccoon dogs and foxes was started in September 1988. During four distribution operations, the last one in the autumn 1990, a total of 200 000 Tübingen baits were distributed over a total area of 12 725 km2. In the first year the bait distribution was mainly done by local volunteer hunters, but also aerial distribution was used. Since the first year only aerial distribution has been used. Since February 1989, no rabies cases have been found in wild carnivores in Finland. However, rabies was found in an imported horse in 2003, in an imported dog in 2007 and in one Daubenton's bat in 2009 (EBLV-2). In accordance with the WHO standards, Finland was declared rabies free in March 1991. The infection pressure in wild carnivore species in Russia is, however, high and it poses a continuous risk for the reintroduction of the disease.

Since 1991, 80 000 vaccine baits have been distributed every autumn over a 20 - 25 km wide and 250 km long zone along the south eastern border against Russia. Since 2004, distribution has been carried out

twice a year, in spring and in autumn. Since 2003, rabies vaccine baits have also been distributed on the adjacent area on the Russian territory once per year.

3. Description of the submitted programme

A concise description of the programme is given with the main objective(s) (monitoring, control, eradication, qualification of herds and/or regions, reducing prevalence and incidence), the main measures (testing, testing and slaughter, testing and killing, qualification of herds and animals, vaccination), the target animal population and the area(s) of implementation and the definition of a positive case.

(max. 32000 chars) :

This programme submitted for 2011 has the same content as the Finnish rabies programme in 2008-2010. As in the previous years, rabies vaccine baits will be distributed over a buffer zone along the south eastern border against Russia. The objective is to maintain an adequate immunity in the wild raccoon dog and fox population in order to prevent rabies epidemics in Finland. Because of the unfavourable progress in rabies situation in Russia it is necessary to continue vaccination campaigns also in Russia, adjacent to the buffer zone in Finland. The extension of the vaccination area to the Russian territory was also recommended by the Food and Veterinary Office during a mission carried out in 1999.

The rabies bait vaccines will be distributed on the Finnish territory twice a year, in spring and autumn. On the adjacent area on the Russian territory a realistic objective is to vaccinate only once a year so that the efforts in Russia could be targetted to the areas with higher infection pressure, i.e. along the borders of Estonia and Latvia.

Continuous surveillance and monitoring for rabies is carried out by Evira in Finland. The efficacy of rabies oral vaccination campaigns are evaluated by measuring the antibody response after vaccination and also tetracycline marker in wild animals. Small carnivores, which are sent to the Evira from the vaccination area in Finland, are tested for rabies antibodies and tetracycline marker in addition to the virus detection test.

In 2003-2010 the Russian partner has taken care of the distribution and sampling costs. Negotiations concerning details of the programme starting in 2011-2012 has been carried out with the relevant Russian authorities during 2010- 2011. The outcome of the negotiations and the signed agreement has been sent to the Commission in March- April 2011.

4. Measures of the submitted programme

4.1 Summary of measures under the programme

Duration of the programme : 2012 - 2014

First year :

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

Last year :

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

Other, please specify

Surveillance
Vaccination
Monitoring

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

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

(max. 32000 chars) :

The competent authority in charge of the programme is the Ministry of Agriculture and Forestry, Department of Food and Health. Vaccination, monitoring and surveillance in Finland will be carried out by the Finnish Food Safety Authority (Evira). Locally the control/monitoring of rabies is carried out by provincial veterinary officers and municipal veterinary officers. Furthermore, all other veterinarians are

responsible for notifying immediately official veterinarians when they suspect rabies.

In Russia the partners are the regional veterinary authorities in the Republic of Karelia and Leningrad region, central authorities in the Federal Service for Veterinary and Phytosanitary Surveillance in Moscov (Rosselhoznatzor) and Federal Centre for Animal Health (FGI ARRIAH) in Vladimir. Responsibilities have been clarified in the agreements.

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 vaccination zone in Finland and in Russia (in the Leningrad region and in Karelian) is the same as in the present programme: 20 to 25 km wide and 250 km long area along the border facing Russia, between the Gulf of Finland (Baltic Sea) and Tohmajärvi municipality, covering about 4 000 km2 land area (i.e. excluding lakes and rivers) in Finland, and in Russian side of the border, covering about 4000 km2 (see the maps in Annex , Annex 2 and Annex 3).

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 community legislation. The national legislation in which the measures are laid down is mentioned.

4.4.1 Notification of the disease

(max. 32000 chars) :

According to the Finnish legislation rabies has been notifiable and controlled since 1922 (Act 338/22, 29.12.1922). The last major changes into the legislation were made in 1999 (Decision No 9/EEO/1999, 12.5.1999). A new decree that will replace this decision is under preparation in 2011. Rabies has been and is also today classified as a dangerous animal disease according to Decision No 1346/1995, 28 November 1995.

Wild animals that are found dead in the nature are sent to Evira for examination free of charge. The tests carried out include an examination for rabies. Every year since the rabies free status was achieved, 60 - 600 domestic animals and animals found dead in the nature/roadkills or hunted are investigated for rabies. Monitoring of rabies in pet animals is based on detection of clinical signs and laboratory analyses. When a municipal veterinary officer is notified of a suspected rabid animal, he or she must investigate the animal. If the possibility of rabies cannot be excluded, the animal is either isolated for two weeks or killed and sent to Evira for laboratory analysis. If a municipal veterinary officer is not available when rabies is suspected, any other veterinarian is responsible for carrying out the necessary investigations

and precautions.

Dogs that have crossed the Russian border must be investigated by the municipal veterinary officer for possible bite wounds. Also the background of the dog must be tried to find out; that is whether the dog is from Finland or from Russia, who owns the dog and has the dog been vaccinated.
If a Finnish vaccinated dog has been bitten the dog must be kept under supervision of the owner for 45 days. After this period the municipal veterinary officer must investigate the dog for symptoms of rabies. If the dog has not been vaccinated or it has been vaccinated over two years ago the municipal veterinary officer must recommend that the dog should be euthanized. Otherwise the dog must be kept in quarantine for six months.

If no wounds are detected in a Russian dog (crossed border by it's own) the dog must be kept in quarantine for two weeks to find out the owner. If the owner is found the dog must be sent to him or her. Otherwise the dog must be euthanized and the head sent to Evira.
If a Russian dog has been bitten it must be taken to quarantine. If the dog has not been vaccinated the municipal veterinary officer must recommend that the dog should be euthanized. Otherwise the dog must be sent immediately back to Russia. If the owner can not be found in three days the dog must be euthanized and the head sent to Evira.

4.4.2 Target animals and animal population

(max. 32000 chars) :

Wild carnivores, e.g. foxes, raccoon dogs, badger

4.4.3 Identification of animals and registration of holdings

(max. 32000 chars) :

NA

4.4.4 Qualifications of animals and herds

(max. 32000 chars) :

NA

4.4.5 Rules of the movement of animals

(max. 32000 chars) :

NA

4.4.6 Tests used and sampling schemes

(max. 32000 chars) :

In the previous programme at least 100 animals have been tested from the Finnish side of the vaccination area, and about 500 from the whole country. Target is to increase the number of sampled animals from the vaccination area to 200 in 2013 (i.e. at least 4 animals per 100 km).

On the Russian side the number of tested animals from the vaccination area has been lower, although situation has been better in recent years. Numbers of test animals will be laid down in the agreement drafted in spring 2011.

Tests used:
- for serological tests: RFFIT-test or ELISA
- for microbiological or virological tests: Antigen-test (FAT), cultivation (MNA cells)
- a description of the other used tests: DNA/RNA -test (RT-PCR)
- for bait marker (tetracycline): fluorescence microscopy of mandible and tooth sections

4.4.7 Vaccines used and vaccination schemes

(max. 32000 chars) :

Fuchsoral baits, manufactured by Impfstoffwerk-Dessau, with SAD B19 vaccine in Finland until 2009. Rabigen SAG2 won the call for tenders for 2010 - 2011 (concentration minimum 8log10 CCID). In 2012 - 2014 there will be a new tender. Each vaccine batch is tested in the Finnish Food Safety Authority (Evira) for virus titre after receiving the vaccines and before the vaccines are distributed.

In Russia a bait vaccine "Sinrab" has been used in 2003-2010. Sinrab vaccine is manufactured by Federal Centre for Animal Health (FGI ARRIAH), Vladimir, Russia. Sinrab is a viral vaccine for oral immunization of wild carnivores against rabies produced from RV-97 strain. The vaccine is certified in Russia. Each vaccine bait contains one dose of RV-97 virus strain, at least 106.8 MLD50. Master strain is Bel NIIEV-VGNKI (RB-71) produced from "Ovechi" strain, VGNKI, by passaging in ovine brain (80 passages) and adaptation to primary rabbit kidney cell culture. The master strain was adapted to BHK-21 cell culture and RV-97 strain was produced. The vaccine used in the 2012-2014 programmes will be negotiated with the Russian partner/partners during summer 2011.

The rabies bait vaccines will be distributed on the Finnish territory twice a year, in spring and autumn.

On the adjacent area on the Russian territory a realistic objective is to vaccinate only once a year so that the efforts in Russia could be targeted to the areas with higher infection pressure, i.e. along the borders of Estonia and Latvia.

The baits will be distributed by an aircraft in Finland at a density of 20/km2. The distance between flight lines is 1 000 m. Flight speed is 100-180 km/h and fight altitude 80-100 m. Baits are dropped one bait per one second. In Russia the baits will be distributed by an aircraft at a density of 20-25/km2.

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

(max. 32000 chars) :

NA

4.4.9 Measures in case of a positive result

A short description is provided of the measures as regards positive animals (slaughter, destination of carcasses, use or treatment of animal products, the destruction of all products which could transmit the disease or the treatmen t of such products to avoid any possible contamination, a procedure for the disinfection of infected holdings, the therapeutic or preventive treatment chosen, a procedure for the restocking with healthy animals of holdings which have been depopulated by slaughter and the creation of a surveillance zone around infected holding)

(max. 32000 chars) :

NA

4.4.10 Compensation scheme for owners of slaughtered and killed animals

(max. 32000 chars) :

NA

4.4.11 Control on the implementation of the programme and reporting

(max. 32000 chars) :

Implementation of the programme is controlled by information exhange, e.g. via e-mails and meetings

with Ministry of Agriculture and Forestry, Evira and the Russian partners, as well as written annual reports from the Russian partners. The reporting has been specified in the FI-RU agreements.

5. Benefits of the programme

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

(max. 32000 chars) :

The aim is to maintain rabies free status by preventing sylvatic rabies entering Finland from Russia.

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

Data already submitted via the online system for the years 2006 - 2009 : 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 : **2010**

Region	Animal Species	Test Type	Test Description	Number of samples tested	Number of positive samples	
Finland	Foxes	microbiological or virological tes	**FAT**	148	0	X
Finland	Racoon dogs	microbiological or virological tes	**FAT**	164	0	X
Finland	Other wild animals	microbiological or virological tes	**FAT**	125	0	X
Finland	Domestic animals	microbiological or virological tes	**FAT**	4	0	X
Finland	Pet animals	microbiological or virological tes	**FAT**	41	0	X
Finland	Bats	microbiological or virological tes	**FAT**	8	0	X
Vaccination area	Foxes	serological test	**RFFIT**	26	14	X
Vaccination area	Racoon dogs	serological test	**RFFIT**	73	21	X
Vaccination area	Other wild animals	serological test	**RFFIT**	14	0	X
Vaccination area	Foxes	other test	**TC**	32	21	X
Vaccination area	Racoon dogs	other test	**TC**	73	42	X
Vaccination area	Other wild animals	other test	**TC**	2	0	X
Total				710		
				ADD A NEW ROW		

6.3 Data on infection

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

6.4 Data on the status of herds

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

6.5 Data on vaccination or treatment programmes

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

6.6 Data on wildlife

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

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

Region	Species	Method of estimation	Estimation of the population	
Vaccination area	fox	hunting bag	1 600	X
Vaccination area	Raccoon dogs	hunting bag	3 200	X
Vaccination area	badger	hunting bag	1 000	X

			ADD A NEW ROW	

6.6.2 Monitoring of wildlife for year : 2010

Region	Species	Test type	Test Description	Number of samples tested	Number of positive samples	
Vaccination area	fox	serological test	RFFIT	26	14	X
Vaccination area	Raccoon dogs	serological test	RFFIT	73	21	X
Vaccination area	Other wild animals	serological test	RFFIT	14	0	X
Vaccination area	fox	Biomarker detection	TC	32	21	X
Vaccination area	Raccoon dogs	Biomarker detection	TC	73	42	X
Vaccination area	Other wild animals	Biomarker detection	TC	2	0	X
			ADD A NEW ROW			

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

		Square km			
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	
Finnish side of the FI-RU border	4 000	80 000	2	160 000	X

Russian side of the FI-RU border	4 000	100 000	1	100 000	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 : **2012**

Region	Type of the test	Target population	Type of sample	Objective	Number of planned tests	
Finland whole country	Virology	all animals	brain	surveillance	500	X
Finland whole country	Serology	wild carnivores	serum	control of vaccination	300	X
Vaccination area FI	Virology	wild carnivores	brain	surveillance	180	X
Vaccination area FI	Serology	wild carnivores	serum	control of vaccination	180	X
Vaccination area FI	Bait marker (TC)	wild carnivores	mandible and tooth	control of vaccination	180	X
Vaccination area RU	Virology	wild carnivores	brain	surveillance	90	X
Vaccination area RU	Serology	wild carnivores	serum	control of vaccination	90	X

Vaccination area RU	Bait marker (TC)	wild carnivores	bones or teeth	control of vaccination	90	X
				Total	1 610	
				Add a new row		

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	
Finland whole country	Virology	all animals	brain	surveillance	500	X
Finland whole country	Serology	wild carnivores	serum	control of vaccination	300	X
Vaccination area FI	Virology	wild carnivores	brain	surveillance	200	X
Vaccination area FI	Serology	wild carnivores	serum	control of vaccination	200	X
Vaccination area FI	Bait marker (TC)	wild carnivores	mandible and tooth	control of vaccination	200	X
Vaccination area RU	Virology	wild carnivores	brain	surveillance	90	X
Vaccination area RU	Serology	wild carnivores	serum	control of vaccination	90	X
Vaccination area RU	Bait marker (TC)	wild carnivores	bones or teeth	control of vaccination	90	X
				Total	1 670	
				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	
Finland whole country	Virology	all animals	brain	surveillance	500	X
Finland whole country	Serology	wild carnivores	serum	control of vaccination	300	X
Vaccination area FI	Virology	wild carnivores	brain	surveillance	200	X
Vaccination area FI	Serology	wild carnivores	serum	control of vaccination	200	X
Vaccination area FI	Bait marker (TC)	wild carnivores	mandible and tooth	control of vaccination	200	X
Vaccination area RU	Virology	wild carnivores	brain	surveillance	90	X
Vaccination area RU	Serology	wild carnivores	serum	control of vaccination	90	X
Vaccination area RU	Bait marker (TC)	wild carnivores	bones or teeth	control of vaccination	90	X
				Total	1 670	
				Add a new row		

7.1.2 Targets on testing herds and animals

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

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

7 .2 Targets on qualification of herds and animals

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

7 .3 Targets on vaccination or treatment

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

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

7.3.2 Targets on vaccination or treatment of wildlife for year : **2012**

		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	
South eastern border of Finland	4 000	80 000	2	160 000	X
Russian side of the border	4 000	100 000	1	100 000	X
Total		180 000		260 000	
			Add a new row		

7.3.2 Targets on vaccination or treatment of wildlife for year : **2013**

		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	
South eastern border of Finland	4 000	80 000	2	160 000	X
Russian side of the border	4 000	100 000	1	100 000	X
Total		180 000		260 000	
			Add a new row		

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	
South eastern border of Finland	4 000	80 000	2	160 000	X
Russian side of the border	4 000	100 000	1	100 000	X
Total		180 000		260 000	
			Add a new row		

8. Detailed analysis of the cost of the programme for year : 2012

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	Community funding requested	
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	500	16	8000	yes	X
Cost of analysis	Virus neutralisation test	Individual animal sample/test	300	16	4800	yes	X
Cost of analysis	PCR	Individual animal sample/test	20	22	440	yes	X
Cost of analysis	Virus isolation	Individual animal sample/test	60	16	960	yes	X
Cost of analysis	Tetracycline detection	Individual animal sample/test	180	12	2160	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	Community funding requested	
Purchase of vaccine/treatment ofanimal pro	Wildlife oral vaccination FI	Vaccine dose	160 000	0.8	128000	yes	X
Distribution costs	Wildlife oral vaccination FI	Vaccine dose	2	17000	34000	yes	X

Purchase of vaccine/treatment ofanimal pro	Wildlife oral vaccination RU	Vaccine dose	100 000	0.75	75000	yes	X
Distribution costs	Wildlife oral vaccination RU	Vaccine dose	1	17000	17000	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	Community 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	Community 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	Community 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	Community funding requested	

					Add a new row		
Total					270 360,00 €		

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

Cost related to	Specification	Unit	Number of units	Unitary cost in EUR	Total amount in EUR	Community funding requested	
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	500	16	8000	yes	X
Cost of analysis	Virus neutralisation test	Individual animal sample/test	300	16	4800	yes	X
Cost of analysis	PCR	Individual animal sample/test	20	22	440	yes	X
Cost of analysis	Virus isolation	Individual animal sample/test	60	16	960	yes	X
Cost of analysis	Tetracycline detection	Individual animal sample/test	200	12	2400	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	Community funding requested	
Purchase of vaccine/treatment ofanimal pro	Wildlife oral vaccination FI	Vaccine dose	160 000	0.8	128000	yes	X
Distribution costs	Wildlife oral vaccination FI	Vaccine dose	2	17000	34000	yes	X
Purchase of vaccine/treatment ofanimal pro	Wildlife oral vaccination RU	Vaccine dose	100 000	0.75	75000	yes	X
Distribution costs	Wildlife oral vaccination RU	Vaccine dose	1	17000	17000	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	Community 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	Community 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	Community 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	Community funding requested	
					Add a new row		
		Total			270 600,00 €		

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	Community funding requested	
Cost of analysis	Fluorescent Antibody test (FAT)	Individual animal sample/test	500	16	8000	yes	X
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Cost of analysis	PCR	Individual animal sample/test	20	22	440	yes	X

Cost of analysis	Virus isolation	Individual animal sample/test	60	16	960	yes	X
Cost of analysis	Tetracycline detection	Individual animal sample/test	200	12	2400	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	Community funding requested	
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Distribution costs	Wildlife oral vaccination FI	Vaccine dose	2	17000	34000	yes	X
Purchase of vaccine/treatment ofanimal pro	Wildlife oral vaccination RU	Vaccine dose	100 000	0.75	75000	yes	X
Distribution costs	Wildlife oral vaccination RU	Vaccine dose	1	17000	17000	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	Community 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	Community 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	Community 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	Community funding requested	
					Add a new row		
Total					270 600,00 €		

Attachments

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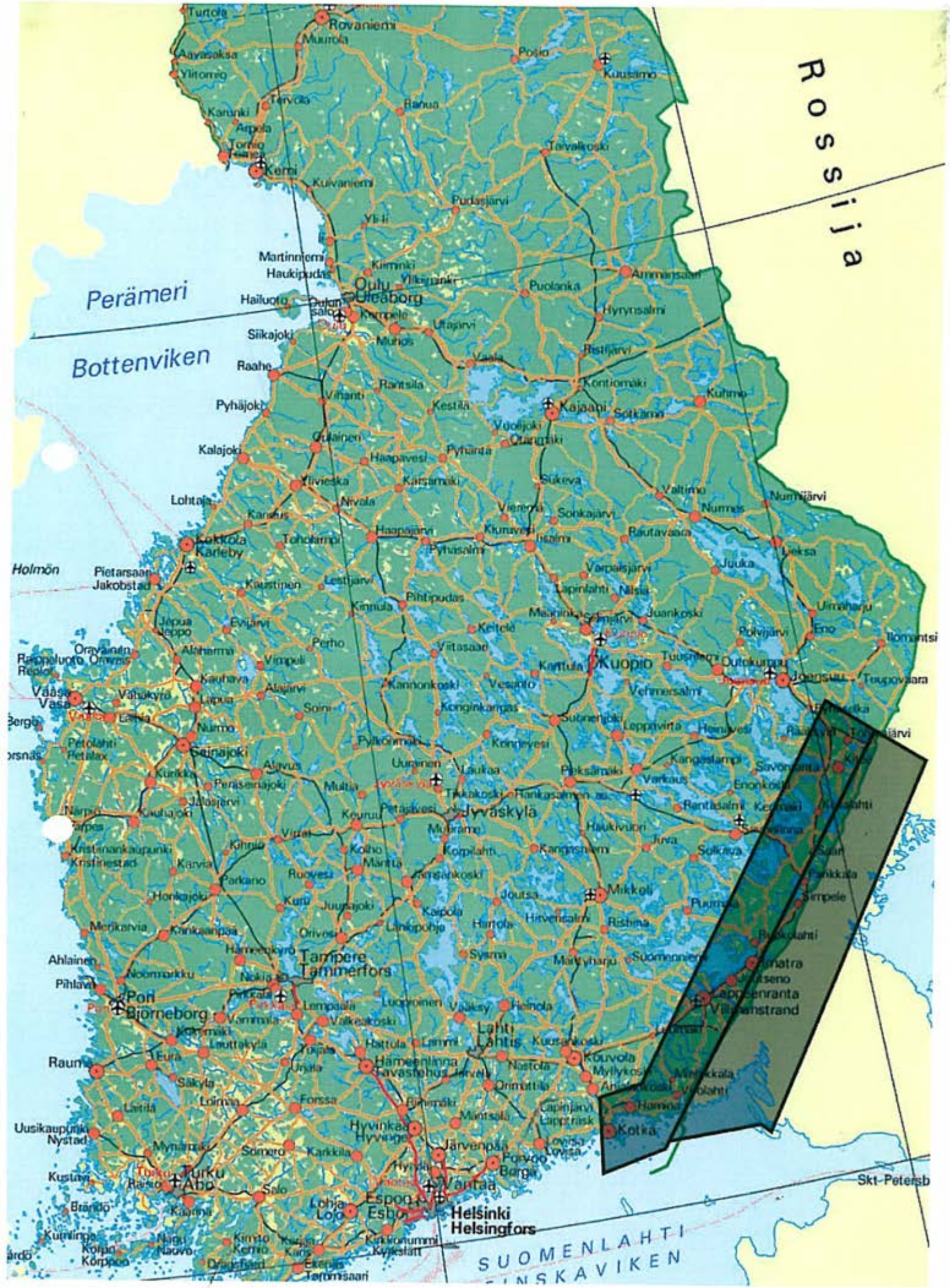
1) The more files you attach, the longer it takes to upload them .
2) This attachment files should have one of the format listed here : .zip, jpg, jpeg, tiff, tif, xls, doc, bmp, pna.
3) The total file size of the attached files should not exceed 2 500Kb (+- 2.5 Mb). You will receive a message while 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.


Rossija
Perämeri
Bottenviken
Holmön
SUOMENLAHTI
FINSKAVIKEN
Helsinki
Helsingfors
Tampere
Tammerfors
Turku
Åbo
Oulu
Uleåborg
Jyväskylä
Kuopio
Lahti
Lahtis
Vaasa
Seinäjoki
Kokkola
Karleby
Pori
Björneborg
Rovaniemi
Kemi
Mikkeli
Kajaani
Joensuu
Lappeenranta
Villmanstrand
Kotka
Hamina
Hanko
Espoo
Esbo
Vantaa
Lohja
Raasepori
Raseborg
Porvoo
Borgå
Hyvinkää
Hyvinge
Järvenpää
Tornio
Haparanda
Skt-Petersb

Annex 2.


Joensuu
Lappeenranta
Viipuri, Leningradin alue, Venäjä