



Programmes for eradication, control and surveillance of animal diseases and zoonoses submitted for obtaining EU financial contribution

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

Member States seeking an EU financial contribution for national programmes of eradication, control and surveillance shall submit online this document completely filled out by the 31 May of the year preceding its implementation (part 2.1 of Annex I to the Single Market Programme Regulation).

Due to the late adoption of the SMP regulation all programmes will be submitted to be approved technically for 2021 and 2022.

Therefore, this document shall also be filled out and submitted after selection of the options:

This programme is multiannual: "YES"

Request for Union cofinancing from beginning 2021 to end of 2022.

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Member state : HRVATSKA

Disease Transmissible Spongiform Encephalopathies

This program is multi annual :

Type of submission :

Request of Union co-financing from beginning : To end of

1. Contact data

Name

Phone

Email

Your job type within the CA :

Submission Date

07/10/2021 09:41:32

Submission Number

1633592492749-17559



2. Description of the programme

Please give a short description of the programme (max. 32000 chars):

TSE programme in 2021 and 2022 will consist of two parts:

- BSE annual monitoring programme based on active and passive surveillance and
- Scrapie annual monitoring programme based on active and passive surveillance.

In case of suspicion or confirmation of TSE, control and eradication measures will be carried out in accordance with TSE Regulation (as described in Articles 12 and 13 and Annex VII of Regulation 999/2001).

BSE surveillance programme

BSE programme will be based on passive surveillance in accordance with the Regulation (EC) No 999/2001 of the European Parliament and of the Council laying down rules for the prevention, control and eradication of certain transmissible spongiform encephalopathies (TSE Regulation).

The surveillance programme has been revised in 2016.

The surveillance testing scheme in 2021 and 2022 for animals born in Croatia and other EU MS listed in Annex to Decision 2009/719/EC will be based on testing all bovine animals older than 48 months belonging to the following subpopulations ("risk animals"):

- special emergency slaughter,
- clinical signs at AM,
- fallen stock,
- killed animals,

and testing of BSE suspects- no age limit.

No testing of healthy slaughtered animals will be performed in 2021 and 2022 (except testing of bovine animals not born in MS listed in Annex to CD 2009/719/EC (Bulgaria and Romania) or from countries outside the EU which have a controlled or undetermined risk of BSE).

Testing regime which will be applied on animals from other EU MS without a revised monitoring programme or from countries outside the EU which have a controlled or undetermined risk of BSE:

- healthy slaughtered animals: older than 30 months,
- "risk animals": older than 24 months,
- animals with clinical signs (clinical suspects): no age limit.

Croatia became recognised as a country with an "OIE negligible BSE risk status" in 2014.

BSE is a notifiable disease in accordance with the Ordinance on the notification of animal diseases (Official Gazette No 65/20). Anyone discovering symptoms of BSE in an animal must notify a veterinarians. BSE is suspected in animals showing clinical signs compatible with BSE or in case of a positive or inconclusive result of a rapid test performed under the surveillance programme.

In 2020, one suspected case of BSE was notified to the Veterinary and Food Safety Directorate General (result of laboratory tests were negative).

In first six-months of 2021, four bovine were clinically suspected on BSE (with negative laboratory results). Two animals were killed in accordance with Article 12 of TSE Regulation and owner requested the compensation.

Scrapie surveillance programme

Passive surveillance programme in ovine and caprine animals in 2021 and 2022 will be based on testing of ovine and caprine animals which have died or have been killed and which are older than 18 months. According to the rules of TSE Regulation minimum sample size (depends of size of ovine and caprine population in Croatia) of dead ovine animals which have to be tested is 1500 animals; minimum sample size of dead caprine animals is 100% up to 500 animals.

Scrapie is a notifiable disease in accordance with the Ordinance on the notification of animal diseases (Official Gazette No 65/20). Scrapie is suspected in case of a clinically suspected animals or a positive/

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

inconclusive results of a rapid test.

During 2020 one sheep and one goat were clinically suspected on Scrapie (results of laboratory methods were negative).

During 2021 five sheep were suspected on Scrapie, laboratory results were negative.

Genotyping

No breeding programme under the framework of a breeding programme referred to in Article 6a of Regulation (EC) 999/2001 will be performed in 2021 and 2022.

Chronic wasting disease

Croatia will not implement monitoring of TSE in cervides.

3. Description of the epidemiological situation of the disease

Last year's No of cases	Total No	No of classical cases	No of atypical cases	No of undetermined cases
BSE case	0	0	0	0
Scrapie case (ovine)	0	0	0	0
Scrapie case (caprine)	0	0	0	0
Last case of		date (classical case)	date (atypical case)	date (undetermined case)
BSE		0	0	0
Scrapie (ovine)		0	30/04/2015	0
Scrapie (caprine)		0	0	0

Comments (if any)

BSE epidemiological situation

BSE has not been confirmed in Croatia. It has never been diagnosed by post-mortem histopathological examination of the brain or by use of rapid tests of any tested animal.

Scrapie epidemiological situation

First case of scrapie in Croatia is confirmed on March 5, 2013. Confirmation testing was made by the EURL – AHVLA with overall result atypical scrapie. The result was consistent with epidemiological data in the affected herd. There were no clinical signs of scrapie observed. Other samples from the same herd were tested negative on scrapie. As soon as first result became available, the herd has been placed under official control. The herd was under official survey and every fallen and slaughtered animal older than 18 months were tested on scrapie during two following years after last confirmed case.

Second case of atypical scrapie was confirmed on April 30, 2015 in Osijek- Baranja County (animal birth year: 2004, breed: German merino land sheep). Confirmation testing was made by the EURL – AHVLA with overall result atypical scrapie. In addition prion protein genotype for the codon 141 was determined (heterozigote L/F). Croatian Veterinary Institute- Zagreb performed IHC and genotyping. Measures were applied in accordance with Annex VII of TSE Regulation.

4. Measures included in the programme

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

4.1 *Designation of the central authority in charge of supervising and coordinating the departments responsible for implementing the programme*

(max. 32000 chars):

Veterinary and Food Safety Directorate General of the Ministry of Agriculture is the national competent authority responsible for designing and developing TSE surveillance Programme. VFSDG is also responsible for monitoring the dynamic of implementation of TSE programme. The Programme will be implemented by authorised veterinarians who are responsible for sampling and submission of samples for testing to the TSE diagnostic laboratory. Supervision of coordination and implementation of the Programme on the field will be carried out by veterinary inspectors from State Inspectorate.

4.2 *Description and delimitation of the geographical and administrative areas in which the programme is to be applied*

(max. 32000 chars):

Croatia is divided into 21 counties. For the purposes of this Programme, Croatia will be treated as a single geographical and administrative region. The programme will be applied in the whole territory of Croatia.

4.3 *System in place for the registration of holdings*

(max. 32000 chars):

Each holding containing bovine, ovine and caprine animals is registered and identified with a unique farm number within Farm Register. A uniform farm register is fully operational for cattle, sheep and goats. It contains all relevant farm information (name, owner, location, type of production, No of animals, etc.) as well as information on the animal identification number(s) and animal movements. The alignment of the system for the identification and registration of bovine animals commenced late in 2003 and from that was subsequently enhanced. Bovine database is being fully operational and allows the tracing of the dam and cohort in case of any possible BSE positive case as well as origin of a cattle (including the first keeper, ID Code, date of birth, sex, ID code of the mother, ID number of calves, all the movements of an animal, information about the keeper, all the bovine animals that had ever kept on the farm, all movements from and to a specified farm in a specified time interval). In 2022, rules for registration of the holdings will be applied in accordance with Part IV, Title 1, Chapter 1, Section 1 of Regulation (EU) 2016/429 and with Commission Delegated Regulation (EU) 2019/2035 as regards rules for establishments keeping terrestrial animals and hatcheries, and the traceability of certain kept terrestrial animals and hatching eggs.

4.4 *System in place for the identification of animals*

(max. 32000 chars):

Animal identification is obligatory for all bovine, ovine and caprine animals. The animal numbers and ear

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

tags (and other identification means) are allocated by the Directorate for Livestock and Food Quality. Each number is unique for cattle, sheep and goats. Ear tagging is carried out by animal keepers, Directorate for Livestock and Food Quality or authorized veterinarians (AVs), all of whom may enter data on animal identification in the register. AVs enter the data on animal movements. It is the responsibility of the holder of animals to ensure that the animals are properly identified and registered, to keep the required records and to ensure the traceability of animals in case of their movement. Bovine animals must be tagged (both ears) and registered following birth, and ovine and caprine animals no later than 6 months after birth or earlier in case of movement from the holding. Ovine and caprine animals identification consists of right ear tag and bolus electronic transponder. Animals could not be moved from the holding of origin without proper identification, valid passport with all relevant data (ID number, birth date, movements records etc.) and with health certificates issued by the AVs. The certificates are required when animals are to be sent to an animal market or when there are movement of animals e.g. from the holding to another holding, slaughterhouse, sport events, fair, common pasture. The certificate contains information on: identity of the owner; identity and place of origin of the animal; and health status and eligibility to be placed on the market or to be moved according to the relevant legal requirements. At slaughterhouses strict procedures are in place to verify both the origin and the health status of the animal came for slaughter. This include checks of identification marks, documentation and ante mortem inspections. All carcass and all parts of the body of an animal tested for BSE including the hide shall be retained under official control until a negative result to the rapid test has been obtained. Traceability of meat and meat products is strictly regulated. Accordingly, any single meat or meat product must be accompanied by the information which ensure the full control of traceability. That means that meat or meat product can be in every moment, by the batch number and other information, traced back to the mincing/processing/cutting batch and finally linked with the carcass of origin, consequently to the farm of origin. In addition, procedure for recall of the products from the market is obliged part of HACCP documentation for approved food business operators, and the subject of official controls performed by the official veterinarians and state veterinary inspectors. In 2022, rules for identification of the animals will be applied in accordance with Part IV, Title 1, Chapter 2, Section 1 of Regulation (EU) 2016/429, Commission Delegated Regulation (EU) 2019/2035 as regards rules for establishments keeping terrestrial animals and hatcheries, and the traceability of certain kept terrestrial animals and hatching eggs and with Commission Implementing Regulation (EU) 2021/520 laying down rules for the application of Regulation (EU) 2016/429 with regard to the traceability of certain kept terrestrial animals.

4.5 Measures in place as regards the notification of the disease

(max. 32000 chars):

Ordinance on the notification of animal diseases (Official Gazette No 65/20) prescribes notification system in Croatia. BSE and Scrapie are a notifiable diseases in accordance with the Ordinance. The central competent authority for animal diseases notification is the Animal Health Protection Sector within the Veterinary and Food Safety Directorate General of Ministry of Agriculture. The Sector is responsible to collect and analyse the data on animal diseases in Croatia as well as for the notification of the listed diseases to the OIE, EFSA and EC. According to the Veterinary Act (Official Gazette No 82/13, 148/13, 115/18 and 52/21), every person (holder) responsible for any animal has the obligation to notify all clinical signs or dead animal to the veterinarian. Veterinarian has the obligation that after clinical (pathological) examination of the sick (dead) animal, notify suspicion on the disease to the veterinary inspector and to the Veterinary and Food Safety Directorate General using the official form for the animal disease suspicion notification. During the examination veterinarian must take samples for laboratory testing to confirm or exclude the disease. Specific provisions are laid down in Ordinance on the notification of animal diseases:

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

- if signs of disease or deaths occurs, the animal keeper shall immediately and without delay notify it to the veterinarian in the veterinary organisation
- upon each notification received from an animal keeper, the veterinarian shall make a site visit and carry out a veterinary check of the animal to determine whether there are grounds to suspect on infectious or parasitic disease
- in the event of suspicion of any of diseases listed in Annex to the Ordinance, suspicion of which is subject to notification, the veterinarian shall notify the Veterinary and Food Safety Directorate General and state veterinary inspector without delay and at the latest within 24 hours, by electronic means
- the veterinarian must notify the Veterinary and Food Safety Directorate General and state veterinary inspector without delay and at the latest within 24 hours electronically about each confirmed case of any of the diseases listed in Ordinance
- the final report shall be submitted by state veterinary inspector not later than 48 hours after notification of the end of the outbreak.

In case of failing to notify the suspicion on animal disease (dead or sick animals) penalties are laid down in the Veterinary Act.

Veterinary and Food Safety Directorate General shall notify to the European Commission about each confirmed case of TSE.

4.6 Testing

4.6.1 Rapid tests in bovine animals

Targets for year **2021**

	Age (in months) above which animals are tested	Estimated number of animals to be tested	Estimated number of rapid tests, including rapid tests used for confirmation
Healthy slaughtered bovine animals born in Ms listed in Annex to CD2009/719/EC	0	0	0
Risk animals born in MS listed in Annex to CD 2009/719/EC	48	5 200	5 200
Healthy slaughtered bovine animals NOT born in MS listed in Annex to CD 2009/719/EC	30	200	200
Risk animals NOT born in MS listed in Annex to CD 2009/719/EC	24	100	100
Suspect animals (as referred to in Art 12.2 of Regulation (EC) No 999/2001)		10	20

Targets for year **2022**

	Age (in months) above which animals are tested	Estimated number of animals to be tested	Estimated number of rapid tests, including rapid tests used for confirmation
Healthy slaughtered bovine animals born in Ms listed in Annex to CD2009/719/EC	0	0	0

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

Risk animals born in MS listed in Annex to CD 2009/719/EC	48	5 200	5 200
Healthy slaughtered bovine animals NOT born in MS listed in Annex to CD 2009/719/EC	30	200	200
Risk animals NOT born in MS listed in Annex to CD 2009/719/EC	24	100	100
Suspect animals (as referred to in Art 12.2 of Regulation (EC) No 999/2001)		10	10

4.6.2 Rapid tests on small ruminants

The sampling rules applicable for the monitoring of ovine and caprine animals slaughtered or not for human consumption (described below as healthy slaughtered/dead animals) are in compliance with provisions of Annex III, II, 4 of Regulation (EC) No 999/2001, in particular:

- Animals are over 18 months of age or have more than two permanent incisors,
- No over-representation of any group (origin, age, breed, production type, etc),
- Sampling representative of each region and season,
- Multiple sampling in the same flock avoided whenever possible,
- A system is in place to ensure that in successive sampling years, all officially registered holdings with more than 100 animals where TSE cases have never been detected are subject to TSE testing,
- A system is in place to check that animals are not being diverted from sampling (except derogation communicated to the Commission):

yes

no

If no please explain.

4.6.2.1 Rapid tests on ovine animals

Estimated population of adult ewes and ewe lambs put to the ram.

528 785

Targets for year 2021

	Estimated number of animals to be tested
Healthy slaughtered ovine animals (a)	0

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

Dead ovine animals (b)	1 500
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Ovine animals from holdings affected by classical scrapie	20
Ovine animals from holdings affected by atypical scrapie	0
Ovine animals from holdings affected by BSE	0
Suspect animals (c)	10
Total number of tests	1 530

Targets for year **2022**

	Estimated number of animals to be tested
Healthy slaughtered ovine animals (a)	0
Dead ovine animals (b)	1 500
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Ovine animals from holdings affected by classical scrapie	20
Ovine animals from holdings affected by atypical scrapie	0
Ovine animals from holdings affected by BSE	0
Suspect animals (c)	10
Total number of tests	1 530

(a) Annex III, A, II, 2 of the TSE regulation

(b) Annex III, A, II, 3 of the TSE regulation

(c) Art 12 of the TSE regulation

4.6.2.2 *Rapid tests on caprine animals*

Estimated population of female goats and female kids mated

59 036

Targets for year **2021**

	Estimated number of animals to be tested
Healthy slaughtered caprine animals (a)	0
Dead caprine animals (b)	500
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Caprine animals from holdings affected by classical scrapie	20
Caprine animals from holdings affected by atypical scrapie	0

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

Caprine animals from holdings affected by BSE	0
Suspect animals (c)	5
Total number of tests	525

Targets for year **2022**

	Estimated number of animals to be tested
Healthy slaughtered caprine animals (a)	0
Dead caprine animals (b)	500
In the context of measures of control/eradication on holdings affected by TSE as described in Annexes III and VII of the TSE regulation	
Caprine animals from holdings affected by classical scrapie	20
Caprine animals from holdings affected by atypical scrapie	0
Caprine animals from holdings affected by BSE	0
Suspect animals (c)	5
Total number of tests	525

(a) Annex III, A, II, 2 of the TSE regulation
 (b) Annex III, A, II, 3 of the TSE regulation
 (c) Art 12 of the TSE regulation

4.6.3 Confirmatory tests **other than rapid tests** as referred to in Annex X Chapter C of Regulation (EC) No 999/2001

Targets for year **2021**

	Estimated number of tests
Confirmatory tests in Bovine animals	10
Confirmatory tests in Ovine and Caprine animals	15

Targets for year **2022**

	Estimated number of tests
Confirmatory tests in Bovine animals	10
Confirmatory tests in Ovine and Caprine animals	15

4.6.4 Discriminatory tests (Annex X.C point 3.1 (c) and 3.2 (c)(i) of Regulation (EC) No 999(2001)

Targets for year **2021**

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

	Estimated number of tests
Primary molecular testing on bovine animals	3
Primary molecular testing on ovine and caprine animals	2
Total	5

Targets for year **2022**

	Estimated number of tests
Primary molecular testing on bovine animals	3
Primary molecular testing on ovine and caprine animals	2
Total	5

4.6.5 Genotyping of positive and randomly selected animals

Adult sheep population



More than 750,000 animals



Less than or equal to 750,000 animals

Targets for year **2021**

	Estimated number
Genotyping of TSE cases	4
Random genotyping	0

Targets for year **2022**

	Estimated number
Genotyping of TSE cases	4
Random genotyping	0

4.7 Eradication

4.7.1 Measures following confirmation of a TSE case in bovine animals

4.7.1.1 Description

(max. 32000 chars) :

Following confirmation of the presence of a BSE, measures as defined by TSE Regulation (Article 13, Annex VII) will be carried out. This includes: disposal of all parts of the body of the infected animal, tracing of cohorts and progeny, all at risk animals will be killed and disposed, an epidemiological inquiry will be carried out, the holding on which the animal was present when the presence of a TSE was confirmed will be placed under official control and all movement of animals susceptible to TSE and products of animal origin derived from them from or to the holding will be subject to authorization by

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

the competent authority, with a view to ensuring immediate tracing and identification of the animals and products of animal origin concerned. Owners will be compensated without delay for the loss of the animals that have been killed or products of animal origin destroyed.
National contingency plan for BSE describes in details all options and measures applied in the case of confirmation of BSE.

4.7.1.2 Summary table

Targets for year **2021**

	Estimated number
Bovine animals culled and destroyed	5

Targets for year **2022**

	Estimated number
Bovine animals culled and destroyed	5

4.7.2 Measures following confirmation of a TSE case in ovine and caprine animals

4.7.2.1 Description

(max. 32000 chars):

Following confirmation of the Scrapie, measures as defined by TSE Regulation (Article 13, ANNEX VII) will be carried out. This includes: all animals in the flock will be identified individually, disposal of all parts of the body of the infected animal, tracing of cohorts and progeny, all at risk animals will be killed and disposed, an epidemiological inquiry will be carried out in accordance with Annex III, Chapter B of Regulation, the holding on which the animal was present when the presence of a scrapie was confirmed will be placed under official control and all movement of animals susceptible to TSE and products of animal origin derived from them from or to the holding will be subject to authorization by the competent authority, with a view to ensuring immediate tracing and identification of the animals and products of animal origin concerned. Additional measures following confirmation of the presence of a Scrapie will be carried out according to the Annex VII, Chapter A and Chapter B (testing of infected flock, restriction, genotyping and depopulation of susceptible animals).

In case of Atypical Scrapie measures will be applied in accordance with Annex VII, Chapter B, point 2.2.3. When presence of TSE has been officially confirmed an inquiry will be carried out to identify all animals in risk:

- all ruminants other than ovine and caprine animals on the holding of the animal in which disease was confirmed,
- the parents and in the case of females all embryos, ova and last progeny of the female animal in which the disease is confirmed,
- all other ovine and caprine animals on the holding of the animal in which disease was confirmed,
- the possible origin of the disease and the identification of other holdings,
- the movement of potentially contaminated feeding stuffs.

Owners will be compensated without delay for the loss of the animals that have been killed or products of animal origin destroyed.

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

4.7.2.2 Summary table

Targets for year **2021**

	Estimated number
Ovine and caprine animals culled and destroyed (due to classical scrapie)	20
Ovine and caprine animals compulsory slaughter (due to classical scrapie)	20
Genotyping tests - monitoring and eradication measures	60

Targets for year **2022**

	Estimated number
Ovine and caprine animals culled and destroyed (due to classical scrapie)	20
Ovine and caprine animals compulsory slaughter (due to classical scrapie)	20
Genotyping tests - monitoring and eradication measures	60

4.7.3 Breeding programme for resistance to TSEs in sheep

4.7.3.1 General description

Description of the programme according to the minimum requirements set out in Annex VII, Chapter B of Regulation (EC) No 999/2001

(max. 32000 chars):

No breeding programme under the framework of a breeding programme referred to in Article 6a of Regulation (EC) 999/2001 will be performed in 2021 and 2022.

4.7.3.2 Summary table

Targets for year **2021**

	Estimated number
Ewes to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC) No 999/2001	0
Rams to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC) No 999/2001	0
Total	0

Targets for year **2022**

	Estimated number
Ewes to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC) No 999/2001	0

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

Rams to be genotyped under the framework of a breeding programme referred to in Article 6a of Regulation (EC) No 999/2001	0
Total	0

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

5. Costs

5.1 Detailed analysis of the costs

(max. 32000 chars):

The costs of BSE programme in bovine in 2021 and 2022 will include costs of laboratory testing's (rapid tests, confirmatory tests and discriminatory tests) and compensation to the farmers in case of suspicion on TSE or confirmation of TSE (depopulation of herds, killing and disposal of all animals identified as cohort and progeny and other at risk animals).

1. Laboratory testing's

Rapid tests of bovine animals will be performed on: healthy slaughtered animals (RO i BG), emergency slaughtered animals, fallen stock, killed animals, clinical suspects and animals with clinical signs AM. For all this categories (except suspects) one rapid tests for diagnosis will be used.

Estimation of the number of animals tested on BSE during 2021 and 2022 in the framework of surveillance programme is done on the basis of numbers of testing's performed in 2018, 2019, 2020 and first half of 2021 (table with data of bovine animals tested is attached to this document).

The estimated number of suspect animals (clinical or laboratory suspicion) in 2021 is 10. In 2021, TSE NRL will use for suspected animals or samples as a confirmation combination of two rapid tests (Priostrips) and one confirmatory test (IDEXX). So, it is estimated as follows: 10 suspects, 20 rapid tests, 10 confirmatory tests and 3 discriminatory tests (if 3 out of 10 confirmatory tests will be positive and type of BSE will be determinate).

The estimated number of suspect animals (clinical or laboratory suspicion) in 2022 is 10. Due to cessation of production of diagnostic kits (Priostrips), in 2022 TSE NRL will use for suspected animals or samples as a confirmation combination of one rapid tests (IDEXX) and one confirmatory test (Western-Blot). So, it is estimated as follows: 10 suspects, 10 rapid tests, 10 confirmatory tests and 3 discriminatory tests (if 3 out of 10 confirmatory tests will be positive and type of BSE will be determinate).

2. Compensation to the farmers

It is estimated that in 2021 and 2022, 5 bovine animals will be killed and destroyed to rule out the suspicion or because of implementation the measures on the affected holding after confirmation of BSE (the BSE epidemiological situation in Croatia is taken into account, BSE has never been confirmed).

The costs of Scrapie programme in ovine and caprine in 2021 and 2022 will include costs of laboratory testing's (rapid tests, confirmatory tests, discriminatory tests and genotyping's) and compensation to the farmers in case of suspicion on TSE or confirmation of TSE/Scrapie.

1. Laboratory testing's

The estimated number of suspect animals (clinical or laboratory suspicion) in 2021 and 2022 is 10 for ovine and 5 for caprine per year. Therefore, 15 confirmatory tests are foreseen annually. Although, the last case of atypical scrapie was confirmed in 2015 and classical Scrapie was never confirmed in Croatia, we foreseen some atypical and classical scrapie cases with performing: primary molecular tests (for diagnosis of CS), genotyping of TSE cases (for both AS and CS), rapid tests performed on ovine and caprine animals originated from holdings with AS and CS. Except genotyping's of TSE cases, it is

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

estimated that for the purpose of monitoring and eradication measures due to confirmed case of CS, genotyping tests will be performed.

2. Compensation to the farmers

It is estimated that in 2021 and 2022, 20 ovine and caprine animals per year will be killed and destroyed to rule out the suspicion or because of implementation the measures on the affected holdings after confirmation of CS and for those animals farmers will be decompensated. In case of decision to use derogation and to compulsory slaughter animals from affected holdings, it is foreseen to decompensate owners for 20 slaughtered animals.

5.2 Detailed analysis of the cost of the programme

Costs of the planned activities for year :

2021

1. Rapid tests in bovine animals (as referred to in point 4.6.1)								
Cost related to	Specification	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Rapid tests on bovine animals born in MSs listed in CD 2009/719 Healthy slaughtered animals	0	10.32	0	no	45	0	X
Testing	Rapid tests on bovine animals born in MSs listed in CD 2009/719 Risk animals	5 200	10.32	53664	yes	45	24 148,8	X
Testing	Rapid tests on bovine animals not born in MSs listed in CD 2009/719 Healthy slaughtered animals	200	10.32	2064	yes	45	928,8	X
Testing	Rapid tests on bovine animals not born in MSs listed in CD 2009/719 Risk animals	100	10.32	1032	yes	45	464,4	X
Testing	Rapid tests on suspect bovine animals	20	10.32	206.4	yes	45	92,88	X
2. Rapid tests in ovine and caprine animals (as referred to in point 4.6.2 and 4.6.3)								
Cost related to	Specification	Total number of tests	Cost per test	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Rapid Tests - ovine	1 530	10.32	15789.6	yes	45	7 105,32	X
Testing	Rapid Tests - caprine	525	10.32	5418	yes	45	2 438,1	X

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

3. Confirmatory testing (as referred to in point 4.6.4)								
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Confirmatory Tests in Bovines	10	58.07	580.7	yes	45	261,31	X
Testing	Confirmatory Tests in Ovines and Caprines	15	58.07	871.05	yes	45	391,97	X
4. Discriminatory testing (as referred to in point 4.6.5)								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Primary molecular tests	5	96.92	484.6	yes	45	218,07	X
5. Genotyping								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Genotyping test (standard) - monitoring and eradication measures	60	20.24	1214.4	yes	45	546,48	X
Testing	Genotyping test (standard) - breeding programme	0	20.24	0	no	45	0	X
Testing	Genotyping test - TSE cases	4	73.54	294.16	yes	45	132,37	X
Testing	Genotyping test (standard) - random sample	0	20.24	0	no	45	0	X
6. Compulsory culling/slaughter								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Compensation	Bovine animals culled and destroyed	5	1000	5000	yes	45	2 250	X
Compensation	Ovine and caprine animals culled and destroyed	20	140	2800	yes	45	1 260	X
Compensation	Ovine and caprine animals - compulsory slaughter	20	100	2000	yes	45	900	X

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

7. Chronic Wasting Disease								
Cost related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
				0	no		0	X
Total with Union funding request (€):				91418.91		including	41138.5	
Total without Union funding request (€):				0			= requested EU contribution in €	

Costs of the planned activities for year :

2022

1. Rapid tests in bovine animals (as referred to in point 4.6.1)								
Cost related to	Specification	Number of tests	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Rapid tests on bovine animals born in MSs listed in CD 2009/719 Healthy slaughtered animals	0	10.32	0	no	45	0	X
Testing	Rapid tests on bovine animals born in MSs listed in CD 2009/719 Risk animals	5 200	10.32	53664	yes	45	24 148,8	X
Testing	Rapid tests on bovine animals not born in MSs listed in CD 2009/719 Healthy slaughtered animals	200	10.32	2064	yes	45	928,8	X
Testing	Rapid tests on bovine animals not born in MSs listed in CD 2009/719 Risk animals	100	10.32	1032	yes	45	464,4	X
Testing	Rapid tests on suspect bovine animals	10	10.32	103.2	yes	45	46,44	X
2. Rapid tests in ovine and caprine animals (as referred to in point 4.6.2 and 4.6.3)								
Cost related to	Specification	Total number of tests	Cost per test	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Rapid Tests - ovine	1 530	10.32	15789.6	yes	45	7 105,32	X
Testing	Rapid Tests - caprine	525	10.32	5418	yes	45	2 438,1	X

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

3. Confirmatory testing (as referred to in point 4.6.4)								
Cost related to	<u>Compensation of</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Confirmatory Tests in Bovines	10	58.07	580.7	yes	45	261,31	X
Testing	Confirmatory Tests in Ovines and Caprines	15	58.07	871.05	yes	45	391,97	X
4. Discriminatory testing (as referred to in point 4.6.5)								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Primary molecular tests	5	96.92	484.6	yes	45	218,07	X
5. Genotyping								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Testing	Genotyping test (standard) - monitoring and eradication measures	60	20.24	1214.4	yes	45	546,48	X
Testing	Genotyping test (standard) - breeding programme	0	20.24	0	no	45	0	X
Testing	Genotyping test - TSE cases	4	73.54	294.16	yes	45	132,37	X
Testing	Genotyping test (standard) - random sample	0	20.24	0	no	45	0	X
6. Compulsory culling/slaughter								
Cost related to	<u>Specification</u>	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
Compensation	Bovine animals culled and destroyed	5	1000	5000	yes	45	2 250	X
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Compensation	Ovine and caprine animals - compulsory slaughter	20	100	2000	yes	45	900	X

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

7. Chronic Wasting Disease								
Cost related to	Specification	Number of units	Unitary cost in EUR	Total amount in EUR	Union funding requested	Cofinancing rate	Requested Union contribution in EUR	
				0	no		0	X
Total with Union funding request (€):				91315.71	including		41092.06	
Total without Union funding request (€):				0			= requested EU contribution in €	

5.3. 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 performs 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):

Official sampling of healthy and emergency (compulsory) slaughtered animals (in slaughterhouses) and fallen stock (at the rendering plants) is performed by authorized veterinarians. Costs of sampling are covered by: the state budget in the case of fallen stock and food business operators in case of slaughtered animals.

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

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):

The testing of the official samples (fallen stock, clinical suspects) will be performed by Croatian Veterinary Institute- Zagreb and costs are entirely paid by the state budget. The testing of healthy slaughtered animals will be performed by Croatian Veterinary Institute- Zagreb and costs of testing of slaughtered animals including the procurement of diagnostic kits and a portion of expendable supplies will be covered by the State Budget; the food business operator (slaughterhouse) will bear the costs of conducting the laboratory tests.

c) Implementing entities - **compensation**: who performs the compensation? Who pays?
(e.g. compensation is paid by the central level of the state veterinary services,
or compensation is paid by an insurance fund fed by compulsory farmers contribution)

(max. 32000 chars):

Compensation to the animal owners will be paid by the central level (Veterinary and Food Safety Directorate General; Ministry of Agriculture). Compensation for owners of slaughtered and killed animals is prescribed by Articles 33, 34 and 35 of the Veterinary Act. For animals killed, slaughtered or for animals which have died due to the implementation of the ordered measures, as well as for the objects that were damaged or destroyed in the course of the implementation of the ordered measures referred to in Article 33, the animal holder or the owner of the object are entitled to the compensation in the amount of the market value on the day of the implementation of the measure. The assessment of the value of the animals and objects is carried out by the commission appointed by the CVO, the composition of which must include the competent veterinary inspector. The decision on the entitlement to the damage compensation and on the amount of damage compensation is passed by the CVO upon the proposal of the commission within 60 days, while payment must ensue not later than 90 days from the day of implementation of the measures. The animal holder or owner of the object is not entitled to damage compensation referred:

- if he failed to immediately report the appearance of the infectious disease and did not treat the animal in the manner stipulated by the of the implementing legislation,
- if he failed to undertake the stipulated or ordered measures for the prevention and control of infectious or parasitic diseases,
- if he transfers the animal from an uninfected to an infected or endangered area or from the infected or endangered area to the uninfected area,

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

-if he conducts trade of animal contrary to the provisions of Veterinary Act,
-if the animal disease appeared during import or within the duration of quarantine of the imported animal.

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

(e.g. farmers buy their vaccine to the private vets, send the paid invoices to the local state veterinary services which reimburse the farmers of the full amount and the vaccinator is paid by the regional state veterinary services)

(max. 32000 chars):

n/a

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

(max. 32000 chars):

n/a

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

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

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

4. Additional measures in exceptional and justified cases

In the "*Guidelines for the Union co-funded veterinary programmes*", it is indicated that in exceptional and duly justified cases, additional necessary measures can be proposed by the Member States in their application.

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

If you introduced these type of measures in this programme, for each of them, please provide detailed technical justification and also justification of their cost:

Annex III: Programme for the control and eradication of Transmissible Spongiform Encephalopathies

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, pna, pdf.**
- 3) The total file size of the attached files should not exceed 2 500Kb (+- 2.5 Mb). You will receive a message while attaching when you try to load too much.
- 4) IT CAN TAKE **SEVERAL MINUTES TO UPLOAD** ALL THE ATTACHED FILES. Don't interrupt the uploading by closing the pdf and wait until you have received a Submission Number!
- 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
	17559_12951.pdf	17559_12951.pdf	380 kb
		Total size of attachments :	380 kb