



ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

Member States seeking a financial contribution from the Community for national programmes for the control and monitoring of avian influenza, shall submit applications containing at least the information set out in this form.

The central data base keeps all submissions. However only the information in the last submission is shown when viewing and used when processing the data.

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- 6) For simplification purposes you are invited to submit multi annual programmes
- 7) As mentioned during the Plenary Task Force of 28/2/2014, you are invited to submit your programmes in English.

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Submission date

Monday, September 01, 2014 16:27:34

Submission number

1409581660151-3641



ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

1. Identification of the programme

Member state: LUXEMBOURG (GRAND-DUCHE)

Disease: avian influenza in poultry and wild birds

This program is multi annual:

yes

Type of submission:

New multiannual programme

Request of Union co-financing from beginning of:

2015

To end of

2017

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1.1 Contact

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Email : felix.wildschutz@asv.etat.lu

2. Description and implementation of the surveillance programme in poultry

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

(max. 32000 chars) :

The "Ministère de l'Agriculture de la Viticulture et de la Protection des consommateurs" and the administration of veterinary services are responsible for implementing the program.

2.1.2 System in place for the registration of holdings

(max. 32000 chars) :

The poultry holdings are registered in data bases of the Administration of veterinary services according to the directive 2002/4/Ce of the Commission.

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2.1.3 *Design (risk based or surveillance based on representative sampling)*

(max. 32000 chars) :

The surveillance design in Luxembourg is risk based.
The biggest holdings of laying hens (9) and broilers (6) are sampled once a year.
There are no holdings of turkeys, ducks and geese in Luxembourg.
We have one holding of ratites that is considered in the program.

2.1.3.1 *Short description of predominant poultry population and types of poultry production*

(max. 32000 chars) :

There are 9 holdings of laying hens with more than 1000 birds. They represent a total of 90 000 birds;
There are 6 holdings of broilers totalizing 87 000 birds; (87000 represents the approximate production of a year).
We have one holding of ratites with 300 birds
The birds in these holdings represent 90% of the birds in Luxembourg.

2.1.3.2 *Criteria and risk factors for risk based surveillance(1)*

(max. 32000 chars) :

- sampling twice a year when the migratory wild birds are passing;
- sampling in holdings with free range production;
- the ratites are sampled all over the year.

(1) Including maps showing target sampling sites identified as being particularly at risk for the introduction of avian influenza virus, taking into account criteria set out in point 4 of Annex I to Commission Decision 2010/367/EC.

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2.2 Target populations (2)

(max. 32000 chars) :

- laying hens;
- free range laying hens;
- free range broilers;
- ratites.

(2) including MS specific exceptional circumstances as described in Annex I point 3 of Commission Decision 2010/367/EU)

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2.2.1 POULTRY HOLDINGS ^(a) (except ducks, geese and farmed game birds (waterfowl e.g. mallards) to be sampled

Serological investigation according to Annex I to Commission Decision 2010/367/EU

Targets for year **2015**

Category : laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	25	4	15	60	HI-test (H5)	X
all the country	25	4	15	60	HI-test (H7)	X
all the country	25	1	2	2	Virus isolation test	X
Total				122		
Add a new row						

(a) Holdings or herds or flocks or establishments as appropriate.
 (b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested
 (c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

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Category : free range laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	100	4	15	60	HI-test (H5)	X
all the country	100	4	15	60	HI-test (H7)	X
all the country	100	4	2	8	Virus isolation test	X
Total				128		

Add a new row

(a) Holdings or herds or flocks or establishments as appropriate.

(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested

(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

Category : broilers (only when at risk)

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	50	4	15	60	HI-test (H5)	X
all the country	50	4	15	60	HI-test (H7)	X
all te country	50	1	2	2	Virus isolation test	X
Total				122		

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	Add a new row
<p><i>(a) Holdings or herds or flocks or establishments as appropriate.</i></p> <p><i>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</i></p> <p><i>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</i></p>	

Category : backyard flocks

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	100	3	15	45	HI-test (H5)	X
all the country	100	3	15	45	HI-test (H7)	X
all the country	100	3	3	9	Virus isolation test	X
Total				99		
				Add a new row		
<p><i>(a) Holdings or herds or flocks or establishments as appropriate.</i></p> <p><i>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</i></p> <p><i>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</i></p>						

Category : ratites

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	

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all the country	1	1	175	175	HI-test (H5)	X
all the country	1	1	175	175	HI-test (H7)	X
all the country	1	1	5	5	Virus isolation test	X
Total				355		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

Add a category

Totals	Total number of tests	
Total poultry 2015	826	

Targets for year

2016

Category : laying hens

delete this category

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NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	25	4	15	60	HI-test (H5)	X
all the country	25	4	15	60	HI-test (H7)	X
all the country	25	1	2	2	Virus isolation test	X
Total				122		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

Category : free range laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	100	4	15	60	HI-test (H5)	X
all the country	100	4	15	60	HI-test (H7)	X
all the country	100	4	2	8	Virus isolation test	X
Total				128		
Add a new row						

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- (a) Holdings or herds or flocks or establishments as appropriate.
 (b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested
 (c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

Category : broilers (only when at risk)

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	50	4	15	60	HI-test (H5)	X
all the country	50	4	15	60	HI-test (H7)	X
all the country	50	1	2	2	Virus isolation test	X
Total				122		

Add a new row

- (a) Holdings or herds or flocks or establishments as appropriate.
 (b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested
 (c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

Category : backyard flocks

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	100	3	15	45	HI-test (H5)	X

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all the country	100	3	15	45	HI-test (H7)	X
all the country	100	3	3	9	Virus isolation test	X
Total				99		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

Category : ratites

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	1	1	175	175	HI-test (H5)	X
all the country	1	1	175	175	HI-test (H7)	X
all the country	1	1	5	5	Virus isolation test	X
Total				355		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

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Add a category

Totals	Total number of tests	
Total poultry 2016	826	

Targets for year **2017**

Category : laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	25	4	15	60	HI-test (H5)	X
all the country	25	4	15	60	HI-test (H7)	X
all the country	25	1	2	2	Virus isolation test	X
Total				122		
				Add a new row		

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(a) Holdings or herds or flocks or establishments as appropriate.
 (b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested
 (c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

Category : free range laying hens

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	100	4	15	60	HI-test (H5)	X
all the country	100	4	15	60	HI-test (H7)	X
all the country	100	4	2	8	Virus isolation test	X
Total				128		

Add a new row

(a) Holdings or herds or flocks or establishments as appropriate.
 (b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested
 (c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

Category : broilers (only when at risk)

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	50	4	15	60	HI-test (H5)	X

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all the country	50	4	15	60	HI-test (H7)	X
all the country	50	1	2	2	Virus isolation test	X
Total				122		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

Category : backyard flocks

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	100	3	15	45	HI-test (H5)	X
all the country	100	3	15	45	HI-test (H7)	X
all the country	100	3	3	9	Virus isolation test	X
Total				99		
Add a new row						
<p>(a) Holdings or herds or flocks or establishments as appropriate.</p> <p>(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested</p> <p>(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.</p>						

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Category : ratites

delete this category

NUTS (2) (b)	Total number of holdings(c)	Total number of holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	1	1	175	175	HI-test (H5)	X
all the country	1	1	175	175	HI-test (H7)	X
all the country	1	1	5	5	Virus isolation test	X
Total				355		

Add a new row

(a) Holdings or herds or flocks or establishments as appropriate.

(b) Refers to the location of the holding of origin. In case NUTS (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member States is requested

(c) Total number of holdings of one category of poultry in concerned NUTS 2 region.

Add a category

Totals	Total number of tests	
Total poultry 2017	826	

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2.2.2 DUCKS, GEESE AND FARMED GAME BIRDS (WATERFOWL e.g. MALLARD) HOLDINGS (a) to be sampled.

Serological investigation according to Annex I to Commission Decision 2010/367/EU

Targets for year **2015**

Category : we do not have ducks, geese ... in Luxembourg

delete this category

NUTS (2) (b)	Total number of duck and geese holdings	Total number of duck and geese holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	0	0	0	0	HI-test (H5)	X
all the country	0	0	0	0	HI-test (H7)	X
Total				0		
Add a new row						

(a) Holdings or herds or flocks or establishments as appropriate.

(b) Refers to the location of the holding of origin. In case NUTS (2) code can not be used, region as defined in the programme by the Member State is requested

Add a category

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NUTS (2) (b)	Total number of tests	
Total ducks and geese 2015	0	

Targets for year **2016**

Category : we do not have ducks, geese ... in Luxembourg

delete this category

NUTS (2) (b)	Total number of duck and geese holdings	Total number of duck and geese holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	0	0	0	0	HI-test (H5)	X
all the country	0	0	0	0	HI-test (H7)	X
Total				0		
Add a new row						

(a) Holdings or herds or flocks or establishments as appropriate.

(b) Refers to the location of the holding of origin. In case NUTS (2) code can not be used, region as defined in the programme by the Member State is requested

Add a category

NUTS (2) (b)	Total number of tests	

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Total ducks and geese 2016	0	
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Targets for year **2017**

Category : we do not have ducks, geese ... in Luxembourg

delete this category

NUTS (2) (b)	Total number of duck and geese holdings	Total number of duck and geese holdings to be sampled	Number of samples per holding	Total number of tests	Method of laboratory analysis	
all the country	0	0	0	0	HI-test (H5)	X
all the country	0	0	0	0	HI-test (H7)	X
Total				0		
Add a new row						

(a) Holdings or herds or flocks or establishments as appropriate.
 (b) Refers to the location of the holding of origin. In case NUTS (2) code can not be used, region as defined in the programme by the Member State is requested

Add a category

NUTS (2) (b)	Total number of tests	
Total ducks and geese 2017	0	

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TOTALS for Poultry (2.2.1) + Ducks and Geese (2.2.2) for year :

2015

Poultry +Ducks/Geese	Total number of tests
Grand Total	826
Grand Total ELISA	0
Grand Total agar	0
Grand Total HI tests (H5)	400
Grand Total HI tests (H7)	400
Grand Total Virus Isolation test	26
Grand Total PCR test	0
Grand Total Other test	0
Grand Total Samplings	0

TOTALS for Poultry (2.2.1) + Ducks and Geese (2.2.2) for year :

2016

Poultry +Ducks/Geese	Total number of tests
Grand Total	826
Grand Total ELISA	0
Grand Total agar	0
Grand Total HI tests (H5)	400
Grand Total HI tests (H7)	400

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Grand Total Virus Isolation test	26
Grand Total PCR test	0
Grand Total Other test	0
Grand Total Samplings	0

TOTALS for Poultry (2.2.1) + Ducks and Geese (2.2.2) for year :

2017

Poultry +Ducks/Geese	Total number of tests
Grand Total	826
Grand Total ELISA	0
Grand Total agar	0
Grand Total HI tests (H5)	400
Grand Total HI tests (H7)	400
Grand Total Virus Isolation test	26
Grand Total PCR test	0
Grand Total Other test	0
Grand Total Samplings	0

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2.3 Sampling procedures, sampling periods and frequency of testing

(max. 32000 chars) :

Sampling is performed once a year in the holdings (In these holdings there is only one poultry species).

- a first period of tests in spring after the overpassing of the migratory birds: 80 samples taken in holdings of laying hens by an official veterinarian
- a period of samples in autumn at the second overpassing of the migratory birds: 120 samples taken in 5 free range laying hens holdings and in one broiler holding, also by an official veterinarian.
- another period of tests in summer when broilers are slaughtered (80 samples taken in 4 holdings);
- all over the year regarding ratites (175 samples taken in the slaughterhouse by an official veterinarian).
- the exact number of the samples can be lower or higher depending on the birds present in the holdings at the moment of sampling. The back yard flocks can make the difference.
- the high number of samples taken in the ratites can be explained as follows: Some ratites of the unique holding in Luxembourg are slaughtered every week. The continuous sampling all over the year is a good indicator of an eventual outbreak of influenza in our country.

2.4 Laboratory testing : description of the laboratory tests used and follow up investigations

Description of the used serological tests : (max 32000 chars)

Laboratory testing is performed in accordance with the diagnostic methods described in the Annex VII of the directive 2005/94/EU and the Annex I point 9 of the Commission decision 2010/367/EU.

For the description of laboratory testing in laying hens and broilers, cf.: attachments SOPSERANA29V9.pdf and SOPSERANA45V5.pdf

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3. Description and implementation of the surveillance programme in wild birds

3.1.1 Designation of the central authority in charge of supervising and coordinating the departments responsible for implementing the programme and relevant collaborating partners (e.g. epidemiologists, ornithologists, nature bird observation and hunter organisations).

(max. 32000 chars) :

The "Administration des Services Vétérinaires" depending on the Ministry of Agriculture is the central authority in charge of avian influenza. This administration identifies the areas who represent risks; it keeps the mortality of wild birds under surveillance and presets the sampling areas and periods.

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

max. 32000 chars) :

The program is carried out all over the territory of the Grand-Duchy of Luxembourg; there does not exist special regions defined as risk zones for avian influenza but most of the samples taken in wild birds come from wet areas.

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3.1.3 Estimation of the local and/or migratory wildlife population

(max. 32000 chars) :

/

3.2 Design, criteria, risk factors and target population⁽³⁾

(max. 32000 chars) :

There are no special risk factors (lakes or big rivers) in Luxembourg.

⁽³⁾ Areas at risk (wetlands in particular where links with high density poultry populations), previous positive findings as referred to in point 2 of Part 1 of Annex II to Commission Decision 2010/367/EC should be taken into account and if possible complemented by a map.

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3.2.1 WILD BIRDS focussed on target species

Investigations according to the surveillance programme set out in Part 2 of Annex II to Decision 2010/367/EC

Targets for year **2015**

NUTS (2) code/region (a)	Total number of birds to be sampled	Estimated total number of samples to be taken for passive surveillance	Type of test	Number of tests	
all the country	150	150	PCR test	150	X
all the country	20	20	Virus isolation test	20	X
Total					

Add a new row

(a) Refers to the place of collection of birds/samples. In case NUTS 2 (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member State is requested. Please fill-in these values directly in the field.

(b) General description of the wild birds are intended to be sampled in the framework of the active and passive surveillance.

(c) Voluntary, to be included for information purposes, not eligible for cofinancing.

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	Total number of tests
Total number of tests	170
Total Virus isolation tests	20
Total PCR tests	150
Total Other tests	0

Targets for year

2016

NUTS (2) code/region (a)	Total number of birds to be sampled	Estimated total number of samples to be taken for passive surveillance	Type of test	Number of tests	
all the country	150	150	PCR test	150	X
all the country	20	20	Virus isolation test	20	X
Total					

Add a new row

- (a) Refers to the place of collection of birds/samples. In case NUTS 2 (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member State is requested. Please fill-in these values directly in the field.
- (b) General description of the wild birds are intended to be sampled in the framework of the active and passive surveillance.
- (c) Voluntary, to be included for information purposes, not eligible for cofinancing.

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	Total number of tests
Total number of tests	170
Total Virus isolation tests	20
Total PCR tests	150
Total Other tests	0

Targets for year **2017**

NUTS (2) code/region (a)	Total number of birds to be sampled	Estimated total number of samples to be taken for passive surveillance	Type of test	Number of tests	
all the country	150	150	PCR test	150	X
all the country	20	20	Virus isolation test	20	X
Total					

Add a new row

- (a) Refers to the place of collection of birds/samples. In case NUTS 2 (Nomenclature of Territorial Units for Statistics) can not be used, region as defined in the programme by the Member State is requested. Please fill-in these values directly in the field.
- (b) General description of the wild birds are intended to be sampled in the framework of the active and passive surveillance.
- (c) Voluntary, to be included for information purposes, not eligible for cofinancing.

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

	Total number of tests
Total number of tests	170
Total Virus isolation tests	20
Total PCR tests	150
Total Other tests	0

3.3 Sampling procedures and sampling periods

max 32000 chars :

- Looking for risk zones and identifying them: if possible wet zones; for the moment there are no lakes or specially wet zones in our country.
- the seasonal character of the migration of wild birds is taken in account when sampling;
- abnormal mortality in wild birds could define a sampling period.

Our sampling procedures follow the indications given in Annex II Part I 3abc of the Commission decision 2010/367/EU.

3.4 Laboratory testing : description of the laboratory tests used

max 32000 chars :

Wild bird samples are all examined by PCR tests in the LNS (Laboratoire National de la Santé) . cf.: attachment: Organigram AI testing Procedure_pdf.pdf
The laboratory testing follows the indications given in Annex II Part I 4 of the Commission decision 2010/367/EU.

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

4. Description of the epidemiological situation of the disease in poultry during the last five years

max 32000 chars :

Avian influenza has not been detected in Luxembourg for at least 25 years.

2011:

bird species /latin name /sample type /No. of animals /techniques

chicken /Gallus gallus domesticus /swab T+C /7 /RT-PCR

blood 180 IHA : H5+ H7

ostrich Struthio camelus blood 179 IHA: H5+ H7

2012:

bird species /sample type /No. of animals /techniques

chicken /swab T + C /5 /RT-PCR

chicken/blood /154 IHA : H5+ H7

ostrich Struthio camelus /blood /168 /IHA: H5+ H7

2013:

bird species /sample /type /No. animals /technique

chicken /swab C 6 RT-PCR

chicken /blood /191 /IHA : H5+ H7

ostrich Struthio camelus /blood /175 /IHA: H5+ H7

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

T: Tracheal swab
C: cloacal swab

5. Description of the epidemiological situation of the disease in wild birds during the last five years

(max. 32000 chars) :

Avian influenza in wild birds has not been detected in Luxembourg for at least 25 years.

2011:

bird species/ latin name/ sample type /No. of animals/ techniques

Barn owl *Tyto alba* swab T+C 1 RT-PCR

pigeon *Columba sp.* swab C? 4 RT-PCR

Wood pigeon *Columba palumbus* swab C? 1 RT-PCR

Eurasian collared dove *Streptopelia decaocto* swab C? 2 RT-PCR

Tawny owl *Strix aluco* swab C? 1 RT-PCR

maggie *Pica pica* swab C? 1 RT-PCR

White stork *Ciconia ciconia* swab C? 1 RT-PCR

Grey parrot *Psittacus erithacus* swab C? 1 RT-PCR

Duck* *(Not specified) swab T+C 1 RT-PCR

2012:

bird species/ sample type /No. of animals /techniques

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

goose swab T + C 2 RT-PCR

swan swab 62 RT-PCR

guinea fowl swab T + C 1 RT-PCR

Harris hawk swab C 1 RT-PCR

2013:

bird species /sample type / No. animals /technique

Columba sp. swab T 25 RT-PCR

Columba palumbus swab T 2 RT-PCR

Accipiter nisus swab T 1 RT-PCR

Corvus frugilegus swab T 1 RT-PCR

swans swab T+C 3 RT-PCR

Falco tinnunculus swab T 1 RT-PCR

Pica pica swab T 1 RT-PCR

Streptopelia decaocto swab T 1 RT-PCR

Wild geese, branta canadensis, cormorans, ardea sp., Swab* C 32 RT-PCR

T: Tracheal swab

C: cloacal swab

6. *Measures in place as regards the notification of the disease*

(max. 32000 chars) :

The Ministry of Agriculture and the Health Ministry through the Administration of Veterinary Services are in charge of the notification of a possible outbreak of avian influenza.

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

7. Costs

7.1 Detailed analysis of the costs

7.1.1 Poultry

(max. 32000 chars) :

laboratory analyses and sampling

7.1.2 Wild birds

(max. 32000 chars) :

laboratory analyses and sampling

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

7.2 Summary of the annual costs :

7.2.1 Poultry surveillance

Detailed analysis of the cost of the programme - poultry

Targets for year **2015**

Laboratory testing			
Methods of laboratory analysis	Number of tests	Indicative unitary test cost (per method) in € (*)	Total cost (€)
ELISA test	0	3.26	0
agar gel immune diffusion test	0	1.8	0
HI-Test for H5 (specify number of tests for H5)	400	9.64	3856
HI-Test for H7 (specify number of tests for H7)	400	9.64	3856
Virus isolation test	26	37.87	984.62
PCR test	0	19.74	0
Other test	0	0	0
Sampling			
	Number of samples	Unitary cost in € (*)	Total cost (€)

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

Samples	400	6.09	2436	
Other measures				
	Number of samples	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total poultry Testing + Sampling + Other measures	1 226		11 132,62 €	

(*) as per cofinancing decision for 2014 programmes

Targets for year **2016**

Laboratory testing				
Methods of laboratory analysis	Number of tests	Indicative unitary test cost (per method) in € (*)	Total cost (€)	
ELISA test	0	3.26	0	
agar gel immune diffusion test	0	1.8	0	
HI-Test for H5 (specify number of tests for H5)	400	9.64	3856	
HI-Test for H7 (specify number of tests for H7)	400	9.64	3856	
Virus isolation test	26	37.87	984.62	

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

PCR test	0	19.74	0	
Other test	0	0	0	
Sampling				
	Number of samples	Unitary cost in € (*)	Total cost (€)	
Samples	400	6.09	2436	
Other measures				
	Number of samples	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total poultry Testing + Sampling + Other measures	1 226		11 132,62 €	

(*) as per cofinancing decision for 2014 programmes

Targets for year **2017**

Laboratory testing				
	Methods of laboratory analysis	Number of tests	Indicative unitary test cost (per method) in € (*)	Total cost (€)
ELISA test		0	3.26	0

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

agar gel immune diffusion test	0	1.8	0	
HI-Test for H5 (specify number of tests for H5)	400	9.64	3856	
HI-Test for H7 (specify number of tests for H7)	400	9.64	3856	
Virus isolation test	26	37.87	984.62	
PCR test	0	19.74	0	
Other test	0	0	0	
Sampling				
	Number of samples	Unitary cost in € (*)	Total cost (€)	
Samples	400	6.09	2436	
Other measures				
	Number of samples	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total poultry Testing + Sampling + Other measures	1 226		11 132,62 €	

(*) as per cofinancing decision for 2014 programmes

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

7.2.2 Wild bird surveillance

Detail analysis of the cost of the programme - wild birds

Targets for year **2015**

Laboratory testing			
Methods of laboratory analysis	Number of tests	Unitary test cost (per method) in € (*)	Total cost (€)
Virus isolation test	20	37.89	757.8
PCR test	150	19.74	2961
Other cost	0	0	0
Delivery of wild animals			
	No of wild birds	Eligible cost in € (*)	Total cost (€)
Delivery of wild animals	150	5	750
Other measures			
	Number	Unitary cost in €	Total cost (€)

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

Other please specify here	0	0	0	X
			Add a new row	
Total wild birds Testing + Delivery + Other measures	320		4 468,80 €	

(*) as per cofinancing decision for 2014 programmes

Targets for year **2016**

Laboratory testing			
Methods of laboratory analysis	Number of tests	Unitary test cost (per method) in € (*)	Total cost (€)
Virus isolation test	20	37.89	757.8
PCR test	150	19.74	2961
Other cost	0	0	0
Delivery of wild animals			
	No of wild birds	Eligible cost in € (*)	Total cost (€)
Delivery of wild animals	150	5	750

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

Other measures				
	Number	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total wild birds Testing + Delivery + Other measures	320		4 468,80 €	

(*) as per cofinancing decision for 2014 programmes

Targets for year **2017**

Laboratory testing				
Methods of laboratory analysis	Number of tests	Unitary test cost (per method) in € (*)	Total cost (€)	
Virus isolation test	20	37.89	757.8	
PCR test	150	19.74	2961	
Other cost	0	0	0	
Delivery of wild animals				
	No of wild birds	Eligible cost in € (*)	Total cost (€)	

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

Delivery of wild animals	150	5	750	
Other measures				
	Number	Unitary cost in €	Total cost (€)	
Other please specify here	0	0	0	X
			Add a new row	
Total wild birds Testing + Delivery + Other measures	320		4 468,80 €	

(*) as per cofinancing decision for 2014 programmes

TOTALS for Poultry (7.2.1) + Ducks and Geese (7.2.2) for year :

2015

	Total Cost
Grand Total Poultry + Ducks/Geese	15 601

TOTALS for Poultry (7.2.1) + Ducks and Geese (7.2.2) for year :

2016

	Total Cost
Grand Total Poultry + Ducks/Geese	15 601

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

TOTALS for Poultry (7.2.1) + Ducks and Geese (7.2.2) for year :

2017

	Total Cost
Grand Total Poultry + Ducks/Geese	15 601

7.3 Co-financing rate:

The maximum co-financing rate is in general fixed at 50%. However based on provisions of Article 5.2 and 5.3 of the Common Financial Framework, 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
- Not applicable

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

7.4 Source of national funding

Please specify the source of the national funding:

- public funds*
- food business operators participation*
- other*

Please give details on the source of national funding (max 32000 characters)

The national budget is the source of national funding.

ANNEX 4 : Standard requirements for the submission of surveillance programmes for avian influenza in poultry and wild birds as referred to in Article 1(d)

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
	3641_3162.pdf	3641_3162.pdf	465 kb
	3641_3163.pdf	3641_3163.pdf	304 kb
	3641_3164.pdf	3641_3164.pdf	268 kb
		Total size of attachments :	1036 kb