MINISTERIO
DE AGRICULTURA, ALIMENTACIÓN
Y MEDIO AMBIENTE

DIRECCIÓN GENERAL DE SANIDAD DE LA PRODUCCIÓN AGRARIA

SUBDIRECCIÓN GENERAL DE SANIDAD E HIGIENE

LABORATORIO CENTRAL DE VETERINARIA

Proposal on a Work Programme for the Period January 2016-December 2017

from the

European Union Reference Laboratory for African Horse Sickness

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1. INTRODUCTION

The EURL for African Sickness proposes the following Work Program for the period January 2016-December 2017 under the provisions defining their functions and duties of Annex III to the *Council Directive 92/35/EEC* of 29 April 1992 laying down control rules and measures to combat African Horse Sickness, and the article 32 of the *Regulation (EC) 882/2004* of the Parliament and of the Council of 29 April 2004 on official controls performed to ensure the verification of compliance with feed and food law, animal health and animal welfare rules.

The *Commission Implementing Decision* on the adoption of the work programmes of the Commission for the years 2016 and 2017 and on the financing of the Union contribution to the European Union reference laboratories lays down the general, specific and operational objectives of the European Commission within this aspect and describes the range of activities EURL to be funded. ***The activities of EURL for AHS are proposed under the framework of the Commission Operational Objectives defined in the epigraph 1.4. of the Annex to this Decision.***

The European Commission launched in 2012 the Performance Indicator Exercise for EURLs, as a new management tool for the evaluation of activities based on activity based-performance indicators, and a better and best practice approach for their evaluation. ***For establishing the expected results of the activities proposed, the EURL for AHS has used the ex-ante indicator format that has been incorporated as an annex to this proposal.***

Algete, Madrid, September 30, 2015

Dr. Montserrat Agüero-García
Director of the EU-RL for African Horse Sickness

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2. PROPOSED ACTIVITIES

2.1 ACTIVITIES UNDER THE COMMISSION OPERATIONAL OBJECTIVE 1: To ensure the development and use of high quality analytical methods across the EU-RL network.

- **Ensuring dissemination of analytical and reference methods from EU-RL to NRLs.**

Implemented year:	**2016**	
Activity 1: Distribution of Standard Operating Procedure (SOP) to the NRLs of the EU-RL methods: - Blocking ELISA Assay - RRT-PCR Assay (Real Time)		
Objective: Revision of SOP, distribution and technical support to the NRLs to ensure the harmonization of the analytical methods used in the Community.		
Expected results: see Performance Indicator **AH.ANA.1**		

Implemented year:	**2016**	
Activity 2: Modification of Real Time RRT-PCR Assay (Agüero et al 2008) for the incorporation of an internal control in the reaction		
Objective: To improve the RRT-PCR Assay with the use of an internal control to confirm the absence of inhibition in the reaction		
Expected results: see Performance Indicator **AH.ANA.2**		

Implemented year:	**2016**	**2017**
Activity 3: Production and supply of reference materials to the NRLs - Panel of sera - Working serum (production of a new batch) - Viral AHS suspension - Viral AHS heat inactivated suspension as source of Nucleic Acid for the Quality Assurance of PCR method		
Objective: to ensure the quality control of methods implemented by the NRLs in the Community		
Expected results: see Performance Indicator **AH.PT.2**		

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Implemented year:	**2016**	**2017**
Activity 4: Maintenance of AHSV strain and sera collections		
Objectives: - to keep a viral isolates collection available that includes prototype strains (serotypes 1-9), isolates from the Spanish outbreak 1987-90 and other isolates from recent outbreaks - to ensure the availability of reference material to be used in RT-PCR - to keep sera collection as reference material to be used in the validation and quality control of serological tests - to maintain sensitive cell lines for the AHS diagnosis such as BHK-1 and VERO		
Expected results: see Performance Indicator **AH.PT.2**		

Implemented year:	**2016**	**2017**
Activity 5: Molecular characterization of recent circulating AHSV strains through total or partial sequencing of the VP2 and VP7 coding regions.		
Objectives: - To characterize isolates of AHSV by the most up-to-date methods available to allow greater understanding of the epidemiology of African horse sickness - To keep updated molecular diagnostic tools (PCR) to detect and type the AHSV		
Expected results: see Performance Indicator **AH.ANA.1**		

- **Planning of trainings, meetings and workshop organized by the EURL for the harmonization of diagnostic techniques and of methods of analysis**

Implemented year:	**2016**	**2017**
Activity 6: Joint AHS/BT Workshop and other assistance to the NRLs network		
Sub-activity 6.1. Organization of a joint AHS Workshop of NRLs. Presentation and discussion of proficiency test results and update on technical issues		
Objectives: - To harmonize and update the laboratory diagnosis ensuring the highest quality performance - To coordinate the AHS diagnostic methods used by the Members States - To ensure a close relationship among the NRL Network		
Expected results: the joint AHS/BT Workshop will take place in November-December 2016 (workshop venue: Madrid) and in November-December 2017 (workshop venue UK).		

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Elaboration of a report of the meeting that will be sent to all the participants. See Performance Indicator **AH.NRL.1**
Sub-activity 6.2. Launching of a satisfaction survey : EURL stakeholder survey for NRLs
Objectives: - To know the opinion of the NRLs regarding the performance fo EURLs - To evaluate the survey outcome and take measures to address relevant negative feed-back
Expected results: See Performance Indicators **AH.NRL.2, AH.NRL.3**
Sub-activity 6.3. Assistance to NRLs on scientific and technical matters
Objectives: - To maintain the best level of performance by assisting the NRLs proactively or under request
Expected results: Timely and effective response to NRLs request

- **Initiation of EURL collaboration with laboratories in third countries**

Implemented year:	**2016**	**2017**
Activity 7: Collaboration of EURL with Laboratories of Third Countries		
Objectives: - To exchange information and technical criteria - To promote the participation of these Laboratories in the Proficiency Test organized by the EURL - To provide with SOPs and reference material to ensure the performance of high quality analytical method - To get a better knowledge of the disease in those countries in terms of analytical methods used, epidemiology, use of vaccines, etc.		
Expected results: see Performance Indicator **AH.OIE.1**		

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2.2. ACTIVITIES UNDER THE COMMISSION OPERATIONAL OBJECTIVE 2: To maintain appropriate level of proficiency testing ensuring efficiency of control analysis methods

- **Ensuring planning and organization of comparative testing by EURL in accordance with internationally accepted protocols, and harmonization of official methods according to Directive 2009/156/EC**

Implemented year:	**2016**	**2017**
Activity 8: Organization of a Proficiency Test (PT) within the European Union framework for African horse sickness virus antibody and nucleic acid detection test. In the first semester of the implementing year		
Sub-activity 8.1 Preparation and shipping of the sample panels		
Sub-activity 8.2 Evaluation of the results obtained by the NRLs and elaboration of general and personalized reports to each of the participant laboratories.		
Objectives: - To ensure the use of high quality analytical methods recommended by EURL as fit for purpose. - To harmonize the methods used by the Member States for the African horse sickness diagnosis. - To collect and collate data and information on methods of diagnosis used and the results of test carried out in the Community.		
Expected results: See Performance Indicators **AH.PT.1, AH. PT2, AH PT 3, AH PT.4. AHPT.6**		

- **Address underperforming related issues within EURL network,**

Implemented year:	**2016**	**2017**
Activity 9: Collaboration with underperforming NRLs in the PT framework in order to identify critical points and proposal of corrective measures. Organization of a second PT round with all underperforming NRLs if needed		
Objectives: - To ensure follow up of poor results in PTs. - To ensure the use of high quality analytical methods - To harmonized the methods used - To inform EU-Commission following the *Protocol for management of underperformance in comparative testing and/or lack of collaboration of NRLs with EURL activities*		
Expected results: See Performance Indicator **AH.PT.5**		

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Implemented year:	**2016**	**2017**
Activity 10: Organization of training stays for underperforming NRLs if needed		
Objectives: - To train/retrain technicians, to approximate criteria on analytical methods and to improve the outcome of underperforming NRLs in the Proficiency Test		
Expected results: See Performance Indicator **AH.PT.5, AH. NRL.5, AH.NRL.6**		

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2.3. ACTIVITIES UNDER THE COMMISSION OPERATIONAL OBJECTIVE 3: To ensure the availability of scientific and technical assistance provided by EU-RLs

- **Initiation of EURLs collaboration with EFSA and international organization**

Implemented year:	**2016**	**2017**
Activity 11: Maintenance of close and fluent relationships with the world Laboratories for AHS designed by the World Organization Animal Health (OIE) and other AHS expert laboratories		
Objectives: - To maintain a mutual and reciprocal information exchange - To get a better knowledge of the disease epidemiology - To harmonize analytical method within the world organization network		
Expected result: See Performance Indicator **AH.OIE.1**		

Implemented year:	**2016**	**2017**
Activity 12: Validation study of a serological diagnostic assay for AHS in the framework of the OIE		
Objectives: - Validation of serological tests according to OIE Manual for (Chapter 1.1.5 Principles and methods of validation of diagnostic assays for infectious diseases) - Large-scale assessment of tests diagnostic sensitivity and specificity, repeatability and reproducibility in order to make available tests fit for the following purposes: • Qualification of territories as AHS free • Certification of movements • Disease eradication in endemic areas -		
Expected results: See Performance Indicator. **AH.OIE.1**		

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- **Networking activities for appropriate assistance by the EURLs**

Activity 13: Update of trained staff available for emergency situation occurring within the EU and to assist the Commission, EFSA, ECDC and the Veterinary Service of EU-MSs in case of specific request
Objectives: - To cooperate with NRLs in the rapid diagnosis of AHS outbreaks in EU territories - To have qualified staff with relevant completed training able to travel - To assist during outbreaks/crisis situation and/or to engage on-site
Expected results: See Performance Indicator **AH.COM.1, AH COM2**

Activity 14: Participation in the EURL Directors' Working group on relationships with NRLs chaired by DG SANCO Unit E
Objectives: - To facilitate a shared understanding of training needs and to develop consistency across the EURLs´ implementation of training program - To identify, discuss and address issues of common concern - To exchange ideas, strengthen skills and share example of good practices
Expected results: See Performance Indicator **AH.COM.1**

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2.4. OTHER ACTIVITIES

Activity 15: Maintenance of Quality Assurance schemes
Objectives: - To maintain the accreditation scheme according to ISO 17,025: 2005 "General requirements for the competence of testing and calibration laboratories" - To maintain the accreditation scheme according to ISO 14,001:2004 "Environmental Management System "
Expected results: See Performance Indicator **AH.ANA.QI**

Activity 16: Administrative activities to ensure a sound and efficient management of the EURL
Objectives: - To elaborate the annual EURL work program in line with the Commission Work Program and the financial estimated budget - To elaborate ex-ante Performance Indicator report - To elaborate the annual EURL technical and financial reports - To elaborate ex-post Performance Indicator report - To provide/elaborate reports for EU Commission under request
Expected results: See Performance Indicator **AH.COM.2**

Activity 17: Maintenance of EURL–AHS Website
Objectives: - To disseminate relevant scientific information regarding the monitoring of relevant publication - To disseminate analytical and reference methods - To disseminate information concerning previous annual meetings, proficiency test and other relevant issues about the EURL
Expected results: see Performance Indicator **AH.ANA.1**

3. ANNEX: Ex-ante Performance Indicators for EURL in the Field of Animal Health. 2016-2017

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PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH
(mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way)

CORE BUSINESS (Strategic issues)

Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.

Main requirements of EU RLs set in legislation (Article 32 (2), 32(4)) and AWPs)	Activity-based indicators		
1. To coordinate the methods employed in the Member States for diagnosing diseases; Baldrige criterion: Measurement, Analysis and Knowledge management	**AH.PT.1** Number of ring tests to be organised	Expected ex-ante: **2016** — The EURL will organize the *"Inter-laboratory Proficiency Test for National Reference Laboratories for African Horsesickness 2016"* designed to primarily assess the ability of participating laboratories to detect AHS antibodies in serum and to identify nucleic acid of AHS virus. Twenty six (26) NRLs in EU Member States as well as 8 reference laboratories in United Kingdom, Dubai, Mexico, Morocco, Switzerland, Singapore, Tunisia, Turkey are expected to participate in the PT 2015 (**Activity 8** of Workplan).	Expected ex-ante: **2017** — The EURL will organize the *"Inter-laboratory Proficiency Test for National Reference Laboratories for African Horsesickness 2017"* designed to primarily assess the ability of participating laboratories to detect AHS antibodies in serum and to identify nucleic acid of AHS virus. Twenty six (26) NRLs in EU Member States as well as 8 reference laboratories in United Kingdom, Dubai, Mexico, Morocco, Switzerland, Singapore, Tunisia, Turkey are expected to participate in the PT 2015 (**Activity 8** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	AH.PT.2 Number of reference samples/material generated (if applicable; could be through ring trials, animal experiments or from samples collected in large volume from the field)	Expected ex-ante: **2016** — The PT 2016 will be composed of two (2) different panels: a panel of sera for antibody detection and a panel of heat inactivated viruses spiked in equine uninfected blood for nucleic acid detection. The EURL will prepare at least three (3) different serotypes of AHS and one (1) of equine encephalosis (EE) viruses grown in VERO cells. For the serological panel at least six (6) pools with different sera will be prepared (**Activity 8** of workplan) — Manteinance of AHSv strain and sera collection in order to produce reference material (**Activity 4** of Workplan) — Production and supply of reference material to the NRLs: new batch of working serum, viral AHS suspension, viral AHS heat inactivated suspension (**Activity 3** of Workplan)	Expected ex-ante: **2017** — The PT 2017 will be composed of two (2) different panels: a panel of sera for antibody detection and a panel of heat inactivated viruses spiked in equine uninfected blood for nucleic acid detection. The EURL will prepare at least three (3) different serotypes of AHS and one (1) of equine encephalosis (EE) viruses grown in VERO cells. For the serological panel at least six (6) pools with different sera will be prepared (**Activity8** of workplan) — Manteinance of AHSv strain and sera collection in order to produce reference material (**Activity 4** of Workplan) — Production and supply of reference material to the NRLs: viral AHS suspension, viral AHS heat inactivated suspension (**Activity 3** of Workplan)
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	AH.PT.3 Expected use by NRLs of diagnostic/analytical methods recommended by EURL as fit for purpose as determined by ring trials and/or outlined in the OIE manual (i.e. the expected take-up refers to the totality of the analytical methods developed by the EURL over many years, not	Expected ex-ante: **2016** — Regarding the antibody detection, all participants (100%) are expected to use the blocking ELISA, also described and recommended in the OIE manual (**Activity 8** of Workplan) — Taken into account the draft of Annex IV to the Directive 2009/156/EC, the EURL will promote the use of the laid down RRT-PCR methods among the NRLs (**Activity 8** of Workplan).	Expected ex-ante: **2017** — Regarding the antibody detection, all participants (100%) are expected to use the blocking ELISA, also described and recommended in the OIE manual (**Activity 8** of Workplan) — All NRLs (100%) are expected to use RRT_PCR methods described in the of Annex IV to the Directive 2009/156/EC (**Activity 8** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH (mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way) CORE BUSINESS (Strategic issues)		
Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.		
only to those methods relevant for the individual comparative tests)		
AH.PT.4 Average rates of NRL success (share of NRLs that are expected to meet all the test thresholds)	Expected ex-ante: **2016**	Expected ex-ante: **2017**
	— Rates of over 90% of success, expressed as the percentage of NRLs that meet all the test thresholds, are expected (**Activity 8** of the Workplan).	— Rates of over 90% of success, expressed as the percentage of NRLs that meet all the test thresholds, are expected (**Activity 8** of the Workplan).
	Achieved ex-post: **2016**	Achieved ex-post: **2017**
AH.PT.5 Methods and activities to ensure follow-up of poor results in ring trials*	Expected ex-ante: **2016**	Expected ex-ante: **2017**
	— Those laboratories with deviations in their results will be contacted by email. Possible causes of the mentioned deviations will be addressed and advices will be given in terms of diagnostic methods in order to improve results. If necessary, those laboratories will be given the possibility to participate in a second round of the proficiency test in the second semester of the implementing year (**Activity 9** of Workplan) — Training stays will be organized for the technicians from PT underperforming NRLs if needed (**Activity 10** of Workplan)	— Those laboratories with deviations in their results will be contacted by email. Possible causes of the mentioned deviations will be addressed and advices will be given in terms of diagnostic methods in order to improve results. If necessary, those laboratories will be given the possibility to participate in a second round of the proficiency test in the second semester of the implementing year (**Activity 9** of Workplan) — Training stays will be organized for the technicians from PT underperforming NRLs if needed (**Activity 10** of Workplan)
	Achieved ex-post: **2016**	Achieved ex-post: **2017**
**Follow-up work to significantly improve the performance of laboratories with poor results*		

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH (mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way) CORE BUSINESS (Strategic issues)			
Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.			
	AH.PT.6 Progress* (direct after training or based on past few years' experience) made by NRLs on similar comparative tests with possible discussion of influential factors (factors that can be influenced by the EURL and factors that cannot be influenced)	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— Given the good level of performance of the NRLs it is expected to maintain such level (**Activity 8** of the Workplan).	— Given the good level of performance of the NRLs it is expected to maintain such level (**Activity 8** of the Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	**Progress is understood as either a reduction of deviation (e.g. 5% instead of 10%) or a reduction in the number of NRLs failing a similar comparative test*		
Any EURL is accredited according to CEN ISO 17025 fixed scope; necessary quality assurance for this accreditation is in place	**Qualification indicators**		
	AH.PT.QI Presence of additional specific quality assurance schemes* (type of training that staff involved in this type of activities would receive, ISO acquisition planned, etc); solely quantitative answers are of limited informational	Expected ex-ante:	Expected ex-ante:
		Achieved ex-post:	Achieved ex-post:
	**Additional schemes are welcome, but there is no obligation to acquire them at high supplementary cost.*		
Main requirements of EU RLs set in legislation (Article 32 (2), 32(4)) and AWPs)	**Activity-based indicators**		
2. to assist actively in the diagnosis of disease outbreaks in Member States by receiving pathogen isolates for confirmatory diagnosis, characterisation and epizootic studies; **Baldrige criterion:** Operations focus	**AH.ANA.1** Number of newly available diagnostic/analytical methods disseminated to NRLs: description of the situation* with specification e.g. of new analytical methods developed by the EURL or in general, or description whether partially modified methods (with improvement in some steps) or completely new methods are expected*	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— 2 SOPs of ISO 17,025 accredited methods will be distributed though the NRLs network (**Activity 1** Workplan). — Dissemination of relevant scientific information updating EURL website (**Activity 17** Workplan) — Molecular characterization of recent circulating AHSV strains through the total or partial sequencing of the VP2 and VP7 coding regions (**Activity 5** Workplan)	— Dissemination of relevant scientific information updating EURL website (**Activity 17** Workplan) — Molecular characterization of recent circulating AHSV strains through the total or partial sequencing of the VP2 and VP7 coding regions (**Activity 5** Workplan)
		Achieved ex-post: **2016**	Achieved ex-post: **2017**

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Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.			
	**With regard to establishment of (standardized) methods or establishment of the criteria approach allowing a wide range of modifications depending also on the available technical equipment and limited standardization*		
	AH.ANA.2 Number of non-commercial* diagnostic/analytical methods to be validated (in relation to expected feasibility)	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— Modification of Real Time RRT-PCR Assay for the incorporation of an internal control in the reaction (**Activity 2**)	
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	**Information on commercial diagnostic/analytical methods validated is to be provided*		
Any EURL is accredited according to CEN ISO 17025 fixed scope: necessary quality assurance for this accreditation is in place	**Qualification indicators**		
	AH.ANA.QI Presence of additional specific quality assurance schemes (type of training that staff involved in this type of activities would receive, ISO acquisition planned, etc); solely quantitative answers are of limited informational value, please provide concrete descriptions.	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— Accreditation scheme according to ISO 17,025: 2005 "General requirements for the competence of testing and calibration laboratories" (**Activity 15** of Workplan). — Accreditation scheme according to ISO 14,001:2004 "Environmental Management System " (**Activity 15** of Workplan).	— Accreditation scheme according to ISO 17,025: 2005 "General requirements for the competence of testing and calibration laboratories" (**Activity 15** of Workplan). — Accreditation scheme according to ISO 14,001:2004 "Environmental Management System " (**Activity 15** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**

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CORE BUSINESS (Strategic issues)

Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.

Main requirements of EU RLs set in legislation (Article 32 (2), 32(4)) and AWPs)	Activity-based indicators		
3. to facilitate the **initial or further training** of experts in laboratory diagnosis with a view to the harmonisation of diagnostic techniques throughout the Union; conducting initial and further training courses for the benefit of staff from NRLs and of experts from developing countries; **Baldrige criterion:** Workforce focus	**AH.NRL.1** Number of participating NRLs in the annual workshop (attendance rate)/ Actions taken to ensure all NRL's participation	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— The AHS EURL will organize the National Reference Laboratories (NRLs) Workshop during the last trimester of 2016 **(Activity 6** of Workplan). — Representatives of 26 EU-NRLs, 8 non-EU contries NRLs (United Kingdom, Dubai, Mexico, Morocco, Switzerland, Singapore, Tunisia, Turkey) and the EU Commission representatives are expected to attend the workshop **(Activity 6** of Workplan).	— The AHS EURL will organize the National Reference Laboratories (NRLs) Workshop during the last trimester of **2017 (Activity 6** of Workplan). — Representatives of 26 EU-NRLs, 8 non-EU contries NRLs (United Kingdom, Dubai, Mexico, Morocco, Switzerland, Singapore, Tunisia, Turkey) and the EU Commission representatives are expected to attend the workshop **(Activity 6** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	AH.NRL.2 Number of positive satisfaction surveys above 85% received for the annual workshop	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— A blind satisfaction survey for NRLs will be conducted in order to help the EU-RL to improve its performance. Attendants to the annual meeting will be asked about issues such as the proficiency test, the annual meeting and general activities of the EU-RL. A 85% of positive satifaction (satisfied or very satisfied) is expected **(Activity 6** of Workplan).	— A blind satisfaction survey for NRLs will be conducted in order to help the EU-RL to improve its performance. Attendants to the annual meeting will be asked about issues such as the proficiency test, the annual meeting and general activities of the EU-RL. A 85% of positive satifaction (satisfied or very satisfied) is expected **(Activity 6** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	AH.NRL.3 Measures to address relevant negative feedback from satisfaction surveys	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— The satisfaction survey outputs will be evaluated and a report issued with the main conclusions will be produced.The conclusions will be evaluated and if necessary corrective measures will be taken **(Activity 6** of Workplan).	— The satisfaction survey outputs will be evaluated and a report issued with the main conclusions will be produced.The conclusions will be evaluated and if necessary corrective measures will be taken **(Activity 6** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH (mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way) CORE BUSINESS (Strategic issues)			
Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.			
	AH.NRL.4 Number of NRLs visited for training	Expected ex-ante:	Expected ex-ante:
		Achieved ex-post:	Achieved ex-post:
	AH.NRL.5 Number of workshops/trainings to be organised other than the annual workshop	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— One training stay at the EURL for underperforming NRLs if needed (**Activity 10**)	— One training stay at the EURL for underperforming NRLs if needed (**Activity 10**)
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	AH.NRL.6 Attendance rate and number of positive satisfaction surveys above 85% received for such workshops	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		— A blind satisfaction survey will be conducted among the training stay participants, with the objective of having up to 80% of participants satisfied of very satisfied (**Activity 10**)	— A blind satisfaction survey will be conducted among the training stay participants, with the objective of having up to 80% of participants satisfied of very satisfied (**Activity 10**)
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
Any EURL is accredited according to CEN ISO 17025 fixed scope; necessary quality assurance for this accreditation is in place	**Qualification indicators**		
	AH.NRL.QI Presence of additional specific quality assurance schemes (type of training that staff involved in this type of activities would receive, ISO acquisition planned, etc); solely quantitative answers are of limited informational	Expected ex-ante:	Expected ex-ante:
		Achieved ex-post:	Achieved ex-post:
Main requirements of EU RLs set in legislation (Article 32 (2), 32(4)) and AWPs)	**Activity-based indicators**		
4. to have **trained personnel**	**AH.COM.1**	Expected ex-ante: **2016**	Expected ex-ante: **2017**

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH (mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way) CORE BUSINESS (Strategic issues)			
Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.			
available for emergency situations occurring within the Union (if appropriate) and **- to assist the Commission, EFSA, ECDC and EMA in case of specific requests** **Baldrige criterion:** Strategic planning (for contingency)	Number of qualified staff with relevant completed training able to travel, to assist during outbreaks/ crisis situations and/or to engage on-site	— Four (4) qualified staff members will be available to travel and assist during crisis situations or to provide scientific and technical assistance. In order to assist actively in the diagnosis of AHS outbreak the EURL is constantly updating the staff in diagnostic methods to detect the AHSV (both serological and molecular), virus biology and other relevant issues (**Activity 13** of Workplan). — Participation in the EURL Director's Working group on relationships with NRLs chaired by DG SANCO Unit E (**Activity 14** of Workplan)	— Four (4) qualified staff members will be available to travel and assist during crisis situations or to provide scientific and technical assistance. In order to assist actively in the diagnosis of AHS outbreak the EURL is constantly updating the staff in diagnostic methods to detect the AHSV (both serological and molecular), virus biology and other relevant issues (**Activity 13** of Workplan). — Participation in the EURL Director's Working group on relationships with NRLs chaired by DG SANCO Unit E (**Activity 14** of Workplan)
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
Baldrige criterion: Customer focus (help-desk function for COM)	**AH.COM.2** Adequacy of response to requests in terms of 1) content and 2) timely delivery*	Expected ex-ante: **2016** — Quick reponse wihin the first 24 hours. Elaborate response in a maximum of 5 working days (**Activity 13** of Workplan). — 100% of tecnichal and financial reports to the European Commission will be timely sent following the established deadline (**Activity 16** of Workplan).	Expected ex-ante: **2017** — Quick reponse wihin the first 24 hours. Elaborate response in a maximum of 5 working days (**Activity 13** of Workplan). — 100% of tecnichal and financial reports to the European Commission will be timely sent following the established deadline (**Activity 16** of Workplan).
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
	**Adequacy in terms of timeline and quality to be agreed upon with the lab in a quantifiable manner*		
Any EURL is accredited according to CEN ISO 17025 fixed scope: necessary quality assurance for this accreditation is in place	**Qualification indicators**		
	AH.COM.QI Presence of additional specific quality assurance schemes (type of training that staff involved in this type of activities would receive, ISO acquisition planned, etc): solely quantitative answers are of limited informational	Expected ex-ante:	Expected ex-ante:
		Achieved ex-post:	Achieved ex-post:

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH (mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way) CORE BUSINESS (Strategic issues)			
Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.			
	SUPPLEMENTARY INDICATORS		
Main requirements of EU RLs set in legislation (Article 32 (2), 32(4)) and AWPs)	**Activity-based indicators**		
5. To carry out a mutual and **reciprocal exchange of information** with competent laboratories in third countries or with the global/regional laboratory responsible for a analysing food and feed designated by the OIE, FAO, WHO (when applicable), to contribute to FAO, OIE, WHO risk assessment and/or reviews of manuals or codes **Baldrige criterion:** Leadership (visibility in international networks)	**AH.OIE.1** Provision of consultant expertise to FAO/WHO/OIE (independently of a mandate as FAO/OIE reference laboratory)	Expected ex-ante: **2016** — Manteinance of close and fluent collaboration with other OIE Reference Laboratories for AHS and other expert laboratories in the World (**Activity 11** of Workplan). – Validation study of a serological diagnostic assay for AHS in the framework of OIE-RL: at least 1 ELISA method will be made available as fit for purpose (certification of movements, disease eradicationd and qualification of territories as AHS free) (**Activity 12** Work Plan) — Collaboration of EURL with Laboratories of Third Countries (**Activity 7** of Workplan): - At least 2 laboratories will be invited to participate in the annual PT - Distribution of SOPs, and reference material under request - Technical assitance and exchange of information	Expected ex-ante: **2017** — Manteinance of close and fluent collaboration with other OIE Reference Laboratories for AHS and other expert laboratories in the World (**Activity 11** of Workplan). — Collaboration of EURL with Laboratories of Third Countries (**Activity 7** of Workplan): - At least 2 laboratories will be invited to participate in the annual PT - Distribution of SOPs, and reference material under request - Technical assitance and exchange of information
		Achieved ex-post: **2016**	Achieved ex-post: **2017**
Any EURL is accredited according to CEN ISO 17025: necessary quality assurance for this accreditation is in place	**Qualification indicators**		
	AH.OIE.QI Presence of additional specific quality assurance schemes, systems, procedures as regards qualifications of staff in terms of consultancy expertise relevant to be provided to OIE/FAO/WHO at the request of the COM	Expected ex-ante:	Expected ex-ante:
		Achieved ex-post:	Achieved ex-post:
Main requirements of EU RLs set in legislation (Article 32 (2), 32(4)) and AWPs)	**Activity-based indicators**		
6. to take account of scientific	**AH.R&D.1**	Expected ex-ante:	Expected ex-ante:

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH (mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way) CORE BUSINESS (Strategic issues)			
Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.			
development activities at national and Union level and perform applied research and development activities whenever appropriate **Baldrige criterion:** Results orientation	Provision of high quality communication items to NRLs on follow-up of research other than analytical method-related		
		Achieved ex-post:	Achieved ex-post:

PERFORMANCE INDICATORS FOR AN EU RL IN THE FIELD OF ANIMAL HEALTH
(mandatory for submission, but possibly in a modified form reflecting more specifically the situation in the EURLs; details could be annexed and described in a comprehensive way)

CORE BUSINESS (Strategic issues)

Sector-specific requirements and sectoral regulation applies. Indicators that measure the implementation of requirements of sector-specific legislation go beyond the scope of this exercise.

Any EURL is accredited according to CEN ISO 17025 fixed scope: necessary quality assurance for this accreditation is in place	**Qualification Indicators**		
	AH.R&D.QI Presence of additional specific quality assurance schemes (type of training that staff involved in this type of activities would receive, ISO acquisition planned, etc); solely quantitative answers are of limited informational	Expected ex-ante:	Expected ex-ante:
		Achieved ex-post:	Achieved ex-post:

Other Activities			
Potential issues: - Number of relevant publications in peer-reviewed journals? - Number of invitations as speaker to scientific conferences? - Number of presentations or posters/papers presented at conferences? - Validation of newly established international standard sera or reference material?	Are these activities routine or do they involve a large amount of development?	Expected ex-ante: **2016**	Expected ex-ante: **2017**
		Achieved ex-post: **2016**	Achieved ex-post: **2017**

Additional Comments	
Potential issues: **e.g.** Why success rate in PTs has been different from envisaged success rate?	