

Update of ADIS project

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AGENDA

- 01 Scope and objective of ADIS project
- 02 Overall progress and next milestones
- 03 Link with OIE-WAHIS and related timeframe
- 04 Next steps

Project Scope



ADIS: two phases deployment

January 2021:
OIE-WAHIS

Phase 2:

June/July 2021:
Interoperability
between
the two systems

Phase

3
Sept. 2021

Union
Reporting

Phase 1:

April 2021
ADIS

Scope and objective of ADIS project (Phase 1)

ADIS will be deployed in two phases. The timeframe has slightly be changed into a stepwise approach



Phase 1 Objective

Replacement of ADNS
By 21 April 2021

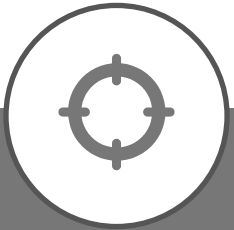


ADIS users could only notify for their country the primary/secondary outbreaks for the diseases listed under the new legal framework - 'Animal Health Law' (REGULATION (EU) 2016/429)

These diseases may also be covered by OIE (common diseases to EU legislation and OIE International Standards => 'AHL-WAHIS' diseases)

Limitation: no link between OIE-WAHIS and ADIS. Both systems should be used for notification purposes.

Scope and objective of ADIS project (Phase 1)



Phase 1 SCOPE



ADIS limited to AHL scope



Countries: All Member States

Third countries authorised to report diseases through ADIS (as today in ADNS)



Limitations in first release of ADIS:

No event registered in ADIS

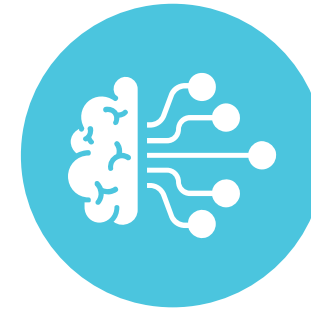
Emerging disease won't be declared in ADIS

Scope and objective of ADIS project (Phase 1)



Transition period

Member States and third countries must use both systems to report diseases in ADIS and OIE-WAHIS



ADNS data migration

Data should be fully migrated by 21st April

OIE-WAHIS reference tables are needed to assure ADNS data migration

Scope and objective of ADIS project (Phase 2)



Phase 2

Scope & Objective

June/July 2021



Availability of main ADIS functionalities:

- The encoding and the submission of the event information as required by OIE and based on a specific reason of notification
- The follow-up report, etc
- The communication with OIE-WAHIS application (interoperability)

ADIS will become the single entry point to declare the entire event for all the diseases and all reasons of notification.

Scope and objective of ADIS project (Phase 2)



Limitation in ADIS

No six-monthly reporting in ADIS

Union Reporting : third quarter of 2021



Impact on users

ADIS will be connected to OIE-WAHIS and will become a single data entry point

Do no longer use OIE-WAHIS system for notifying immediate notifications and follow-up report

Six-monthly report and annual report still to be submitted in OIE-WAHIS

Overall progress and ongoing activities

Review documentation



Move from WAHIS to OIE-WAHIS

Align ADIS documentation with OIE-WAHIS impact

Clear definitions of terms and glossary

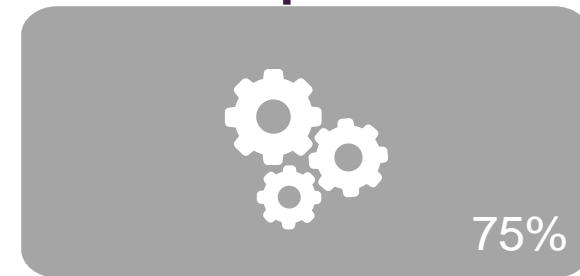


Data dictionary

Align name of the diseases

Define workflow between ADIS and OIE- WAHIS

Specifications and development



ADIS detail specification- progressive drafting and validation

Aligning data model with OIE-WAHIS

Development of ADIS

Development of interoperability component between ADIS-OIE-WAHIS

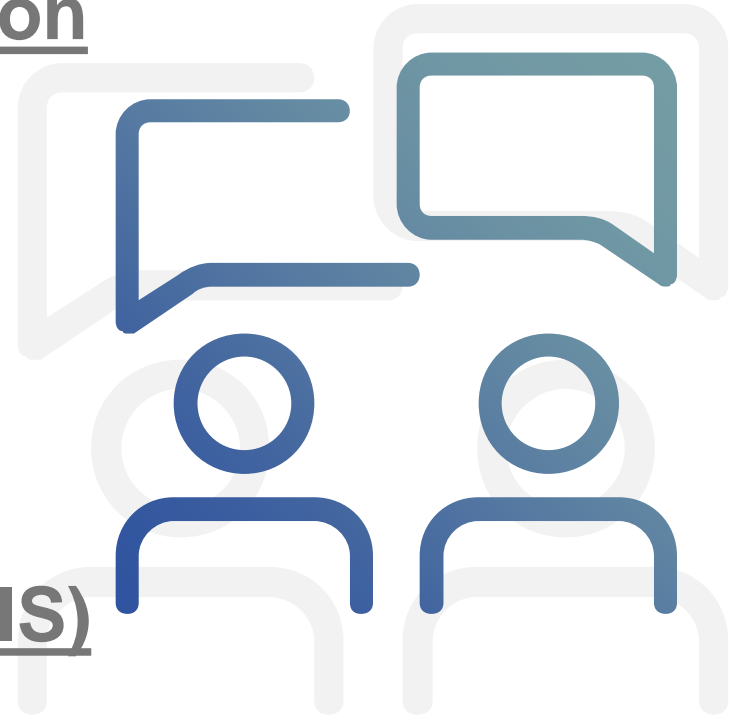
User testing campaign (limited scope)

Training planning for 2021

February 2021: e-training in ADIS - focused on AHL

Documentation will be provided to support this session: user guide, data dictionary; focus on AHL

Mid-June 2021: training focused on ADIS single entry point (impact of OIE-WAHIS)



Global timeline

Beginning
2021



ADIS: User
Acceptance
Testing

January
2021



OIE-WAHIS
release 1

February
2021



ADIS training

April
2021



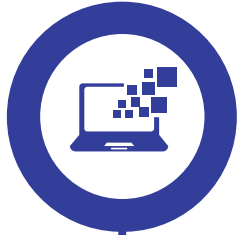
ADIS release
Phase 1
Animal Health
Law

Mid June
2021



ADIS training

June/
September
2021



ADIS release
Phase 2-3
Interoperability
ADIS/OIE-WAHIS

Thank you for your
attention!



ADIS

PAFF Committee – 19 November 2020

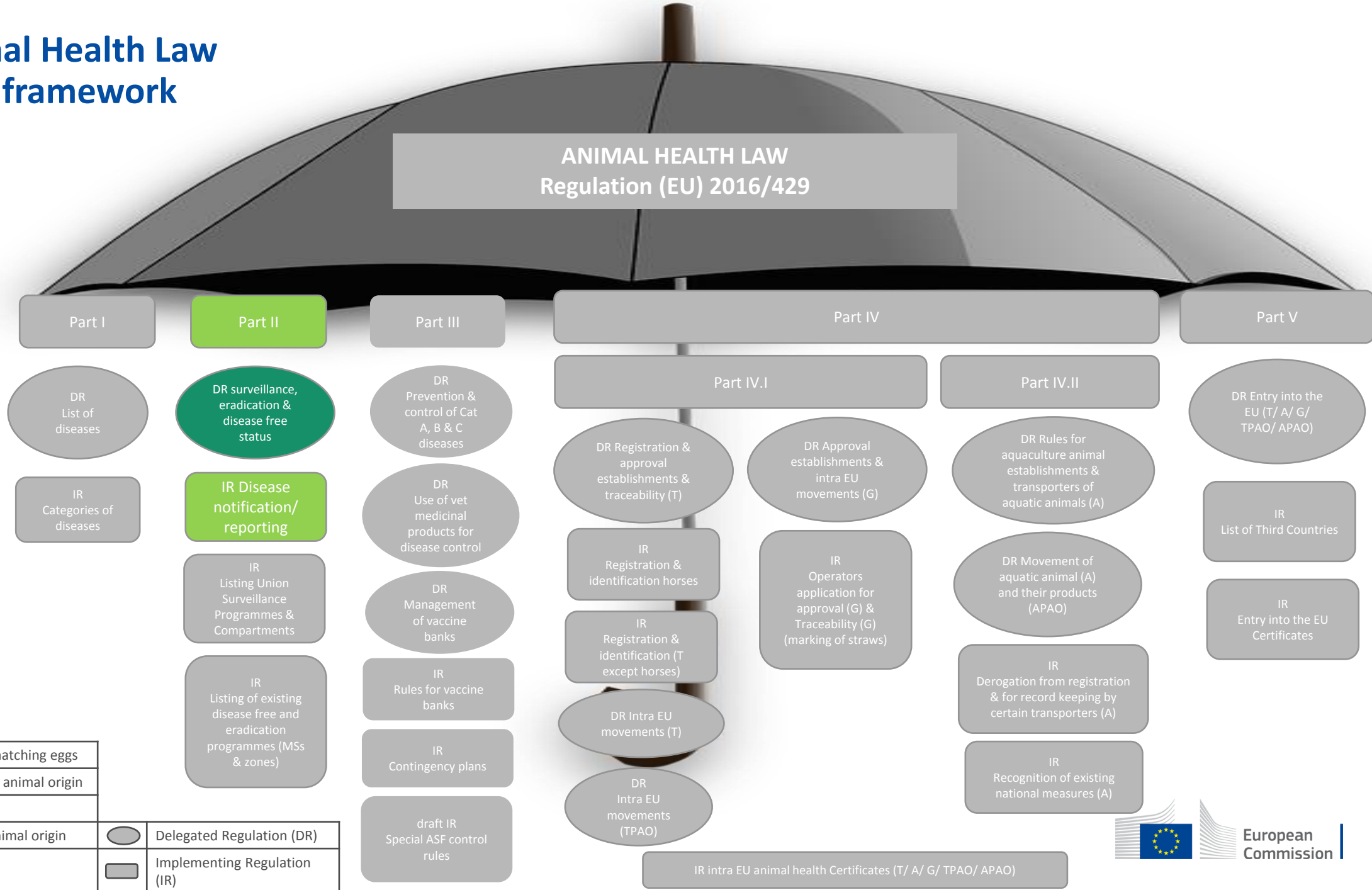
*Francesco Berlingieri
Athanasios Angelou
DG SANTE – Unit G2 Animal health
European Commission*

Outline

- Future legal framework
- Data dictionary
 - Fields
 - Diseases
 - Countries
 - Additional info

Future legal framework

Animal Health Law legal framework



Main legal framework set by “AHL” Regulation (EU) 2016/429

Horizontal aspects

- Scope
- Definitions
- Listing of diseases

PART II

DISEASE NOTIFICATION AND REPORTING, SURVEILLANCE, ERADICATION PROGRAMMES, DISEASE-FREE STATUS

- Notification within Member States
- Union notification
- Union reporting
- Notification and reporting regions
- Computerised information system for Union notification and Union reporting of diseases

Main legal framework set by “AHL” Regulation (EU) 2016/429

Draft Implementing Regulation

as regards Union notification and Union reporting of listed diseases, to formats and procedures for submission and reporting of Union surveillance programmes and of eradication programmes and for application for recognition of disease-free status, and to the computerised information system ([SANTE/7288/2019](#))

- Union notification
- Union reporting
- Sets ADIS as the notification and reporting information system
- Annexes

Main legal framework set by “AHL” Regulation (EU) 2016/429

COMMISSION DELEGATED REGULATION (EU) 2020/689

of 17 December 2019

supplementing Regulation (EU) 2016/429 of the European Parliament and of the Council as regards rules for surveillance, eradication programmes, and disease-free status for certain listed and emerging diseases

- Case definition
- Annex I

Main legal framework set by IMSOC Reg.

COMMISSION IMPLEMENTING REGULATION (EU) 2019/1715

of 30 September 2019

laying down rules for the functioning of the information management system for official controls and its system components

(‘the IMSOC Regulation’)

- Currently under review with respect for procedures for the establishment and use of ADIS

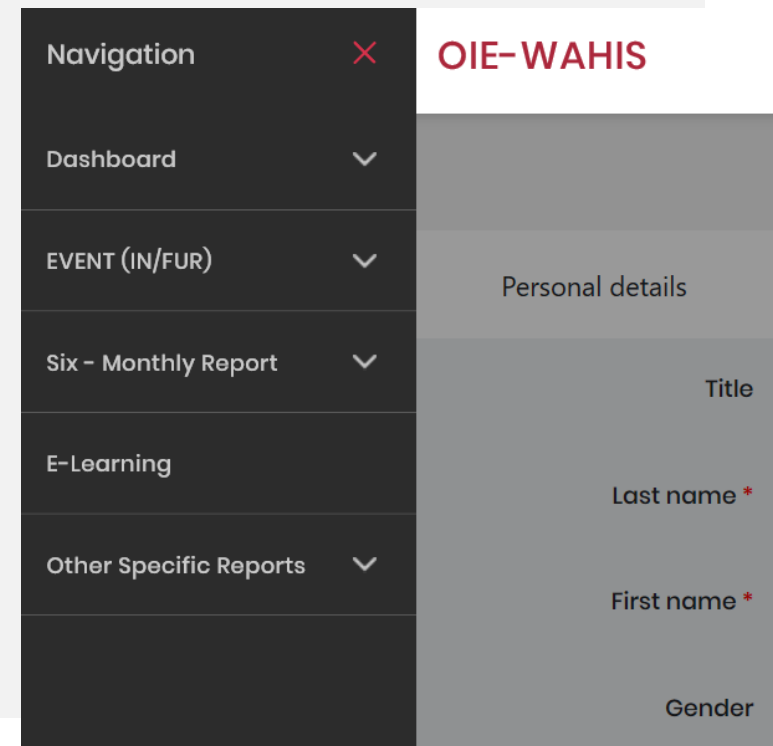
Main legal framework set by OIE

Terrestrial Animal Health Code & Aquatic Animal Health Code

- Reference to World Animal Health Information System (WAHIS)
- Reasons for notification
- Timeframe
- List of diseases



interoperability with OIE-WAHIS



The image shows a screenshot of the OIE-WAHIS interface. On the left is a dark navigation menu with the following items: 'Navigation' (with a red close icon), 'Dashboard', 'EVENT (IN/FUR)', 'Six - Monthly Report', 'E-Learning', and 'Other Specific Reports'. To the right of the menu is the main content area, which is titled 'OIE-WAHIS' in red. Below the title, there is a section for 'Personal details' containing input fields for 'Title', 'Last name *', 'First name *', and 'Gender'.

Data dictionary – Fields

Data Dictionary – Tab Fields



	A	B	C	D	E	F	G	H	I	J	K	L
	high	Shortname (label of the field to be displayed on the interface)	Description	Start/end validity date	Differentiation aquatic/terres	Reference table/Catalog	Score	ADIS Business Rule	OIE-WAHIS Business Rule	OIE-WAHIS screen label	ADIS => Wahis Mapping rule	ADIS screen
1	No	User ID	User identifier	Yes		Yes	All	Entered by the user when connecting to the system. Must be compliant to ECAS policy		User Login	For interface purposes, the Wahis user ID is provided by the user ID mapping table (between ADIS User ID and Wahis User ID)	S00/Login
2	yes	WAHIS Login	Wahis Login of the user stored in the ADIS user profile				ADIS & Wahis	Entered by the admin when creating the ADIS profile. Will be provided to WAHIS when the user submits an immediate notification or a follow-up report. Mandatory for users who have to be entitled to create notifications/follow-up reports		N/A	Provided by ADIS in the notification / follow-up report interface	N/A
3	No	Password	Password choosed by the user				All	Entered by the user when connecting to the system. Must be compliant to the EC password policy.		Password	N/A	S00/Password
4	No	Language of the interface	Language of the user. This determines the language to be used for the GUI and for the reference lists (dropdown lists)				ADIS only	Entered by the administrator when creating the user login	N/A	N/A	N/A	Administration screens
5	yes	Default OIE language	Default language to be used for free texts (e.g. Epi comments and outbreak additional details) (Language reference list)				Wahis only	Entered by the administrator when parametering countries (really necessary??? We need to put in the parameters the language in which the user		EN/FR/ES	N/A	N/A
6	No	Country/territory code	Country or territory international code (ISO - 3 digits) where the outbreak of the immediate notification or the follow up report took place	Yes		Yes	All	By default, the country code of the immediate notification is fulfilled by the country code of the user		N/A	The country code is provided by ADIS through the user login parameters.	N/A
7	yes	Country/territory name	Country or territory name where the outbreak of the immediate notification or the follow up report took place	Yes		Yes	All	By default, the country name of the immediate notification is fulfilled by the country of the user		Country or territory	The country name is provided by ADIS through the user login parameters.	S02/Country
8	No	Country type	Defines the type of country with regards with the EC.				ADIS only	Entered by the administrator when parametering	N/A	N/A	N/A	N/A

Data Dictionary – Tab Fields

Date of start of the outbreak/Date of suspicion

- Date on which the first animals started to show clinical signs, as reported by the owner, or
- the estimated date of first infection

Date of end of the outbreak/Date of preliminary cleaning and disinfection (where applicable)

- date when the outbreak is considered resolved by the Veterinary Authority and, for relevant diseases, when preliminary cleaning and disinfection were completed

Date of confirmation of the outbreak

- the date when the outbreak was confirmed by the comp. Authority

OUTBREAK DATES

Data Dictionary – Tab Fields

N. of susceptible animals

- number of animals from susceptible species in on-going active outbreak(s) during the reporting period

N. of cases

- animal(s) infected or infested by a pathogenic agent, with or without clinical signs, including animals that died from the disease

N. of dead animals

- animal(s) that died from the disease, infection or infestation and not by human intervention

N. of killed animals

- animal(s) killed for disease control purposes and subjected to disposal

N. of slaughtered animals

- animal(s) that were killed for disease control purposes and intended for commercial use or own use

OUTBREAK QUANT. DATA

Data Dictionary – Tab Fields

Specific information for the outbreak

- describe the outbreak
- provide the required info for WAHIS on the affected population

Epidemiological additional Information

- Any other relevant information, in relation with additional epidemiological details or control measures (e.g. composition and size of the surveillance zone, the buffer zone, etc.) or any other useful information in relation with the event

DESCRIPTIONS (free text)

Data dictionary – Diseases

Data Dictionary – Diseases



disease name as provided in OIE	disease name as provided in the EU implementing act (under Article 3 of IA for notification and reporting)	name to used in ADIS	short name ADIS
Anthrax	<i>Anthrax</i>	Anthrax	ANTHRAX
Avian chlamydiosis		Avian chlamydiosis	AV.CHLAM.
Avian infectious bronchitis		Avian infectious bronchitis	AV.IN.BRO.
Avian infectious laryngotracheitis		Avian infectious laryngotracheitis	AV.LAR.
Avian mycoplasmosis (<i>Mycoplasma gallisepticum</i>)		Avian mycoplasmosis (<i>Mycoplasma gallisepticum</i>)	MYCO.GALL.
Avian mycoplasmosis (<i>Mycoplasma synoviae</i>)		Avian mycoplasmosis (<i>Mycoplasma synoviae</i>)	MYCO.SYN.
Bovine anaplasmosis		Bovine anaplasmosis	BOV.ANAPL.
Bovine babesiosis		Bovine babesiosis	BOV.BABES.
Bovine genital campylobacteriosis		Bovine genital campylobacteriosis	BOV.GEN.CAMPY
Bovine spongiform encephalopathy	BSE (as per Reg 999/2001)	Bovine spongiform encephalopathy	B.S.E.
Bovine viral diarrhoea	<i>Bovine viral diarrhoea (BVD)</i>	Bovine viral diarrhoea	B.V.D
Camelpox		Camelpox	CAMELPOX
Caprine arthritis/encephalitis		Caprine arthritis/encephalitis	CAPR.ARTH.
Contagious agalactia		Contagious agalactia	CONT.AGAL.
Contagious caprine pleuropneumonia	<i>Contagious caprine pleuropneumonia</i>	Contagious caprine pleuropneumonia	
Contagious equine metritis		Contagious equine metritis	C.E.M.
Crimean Congo haemorrhagic fever		Crimean Congo haemorrhagic fever	C.C.H.F.
Dourine	<i>Dourine</i>	Dourine	DOURINE
Duck virus hepatitis		Duck virus hepatitis	D.V.H.
Enzootic bovine leukosis	<i>Enzootic bovine leukosis (EBL)</i>	Enzootic bovine leukosis	E.B.L
Equine encephalomyelitis (Eastern)	<i>Equine encephalomyelitis (Eastern and Western)</i>	Equine encephalomyelitis (Eastern)	E.E.E
Equine encephalomyelitis (Western)	<i>Equine encephalomyelitis (Eastern and Western)</i>	Equine encephalomyelitis (Western)	W.E.E.
Equine infectious anaemia	<i>Equine infectious anaemia</i>	Equine infectious anaemia	E.I.A

Data Dictionary – Diseases

Highly pathogenic
avian influenza
(poultry)

Highly pathogenic
influenza A viruses
(Inf. with)(non-
poultry including wild
birds)

Low pathogenic
avian influenza
(poultry)

For OIE and EU notifications
+
EU Union reporting

Only for OIE notifications
+
EU Union reporting



Data Dictionary – Diseases

Infection with
Newcastle
disease virus

Bovine
spongiform
encephalopathy

Infection with
Mikrocytos
mackini

For OIE and EU notifications
+
EU Union reporting

Only for EU notifications
+
EU Union reporting



Data dictionary – Countries

Data Dictionary – Countries

Regulation
(EU) 2017/625

ADNS

OIE countries
(Territory
name, ISO and
unique code)

ADIS countries
(ISO code and
country name)

Data Dictionary – Countries



	A	B	C	D	E	F
1	Description as in Regulation (EU) 2017/625	ADNS	OIE		ADIS	
2		Country Name	Country/terriotry name	ISO 3	OIE unique_id	ISO 2
3	The territory of the Kingdom of Belgium	BELGIUM	Belgium	BEL	21	BE
4	The territory of the Republic of Bulgaria	BULGARIA	Bulgaria	BGR	34	BG
5	The territory of the Czech Republic	CZECH REPUBLIC	Czech Republic	CZE	61	CZ
6	The territory of the Kingdom of Denmark with the exception of the Faroe Islands and Greenland	DENMARK	Denmark	DNK	62	DK
7	The territory of the Federal Republic of Germany	GERMANY	Germany	DEU	85	DE
8	The territory of the Republic of Estonia	ESTONIA	Estonia	EST	71	EE
9	The territory of Ireland	IRELAND	Ireland	IRL	107	IE
10	The territory of the Hellenic Republic	GREECE	Greece	GRC	88	GR
11	The territory of the Kingdom of Spain with the exception of Ceuta and Melilla	SPAIN	Spain	ESP	202	ES
12	The territory of the French Republic	FRANCE	France	FRA	78	FR
13			Reunion	REU	181	RE
14			Guadeloupe	GLP	91	GP
15			French Guiana	GUF	79	GF
16			French Polynesia	PYF	80	PF
17			Martinique	MTQ	137	MQ
18			Mayotte	MYT	140	YT
19			New Caledonia	NCL	157	NC
20			St. Pierre and Miquelon	SPM	207	PM
21			Wallis and Futuna Islands	WLF	242	WF
22	The territory of the Republic of Croatia	CROATIA	Croatia	HRV	57	HR
23	The territory of the Italian Republic	ITALY	Italy	ITA	109	IT
24	The territory of the Republic of Cyprus	CYPRUS	Cyprus	CYP	60	CY
25	The territory of the Republic of Latvia	LATVIA	Latvia	LVA	121	LV
26	The territory of the Republic of Lithuania	LITHUANIA	Lithuania	LTU	127	LT
27	The territory of the Grand Duchy of Luxembourg	LUXEMBOURG	Luxembourg	LUX	128	LU
28	The territory of Hungary	HUNGARY	Hungary	HUN	101	HU
29	The territory of the Republic of Malta	MALTA	Malta	MLT	135	MT
30	The territory of the Kingdom of the Netherlands in Europe	NETHERLANDS	Netherlands	NLD	155	NI

Data Dictionary – Countries

- MS with **multiple territories** outside of European territories (France)
- **DK** (with the exception of the Faroe Islands and Greenland)
- **ES** (with the exception of Ceuta and Melilla)
- **Other** countries using ADNS

Data dictionary – Additional info

Data Dictionary – Additional info

- **Control Measures**
- **Diagnostic Methods**
- **Origin of Diseases**

- For both **aquatic** and **terrestrial** species
- Data collected from the **OIE-WAHIS** reference table
- **Updated recently** by the OIE

Your feedback is welcome

https://ec.europa.eu/food/animals/animal-diseases/control-measures/asf_en

<https://rr-europe.oie.int/en/Projects/gf-tads-europe/standing-groups-of-experts-on-african-swine-fever-in-europe/>



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Data dictionary – Additional data
fields not presented
(background information)

Data Dictionary – Tab Fields – Further Examples

WAHIS Login

- Mandatory for users who have to be entitled to create notifications/follow-up reports in ADIS

Default OIE language

- Default language to be used for free texts
- EN/FR/ES

LAU name

- local authority unit
- Linked to TRACES

Event creation fields

- Reason for notification
- “The event occurs in”

IDs

- ADIS report ID
- ADIS Outbreak ID
- National report reference
- National outbreak reference

Date of the report

- Creation date of the report in WAHIS
- Equal to the report submission date for ADIS

Data Dictionary – Tab Fields – Further Examples

Date of the report

- Creation date of the report in WAHIS
- Equal to the report submission date for ADIS

Date of start of the event

- date when the event was first observed (first manifestation of a disease as observed by the livestock holder, etc.)
- Linked to TRACES

Date of confirmation of the event

- For an infection/infestation with clinical signs: the date of the first time the disease was diagnosed
- For an infection without clinical signs: the date of the first confirmation by testing

date of last occurrence

- Date when the last event was of the disease was declared resolved

End date of the event

- when the event associated to the immediate notification is closed

EVENT

Data Dictionary – Tab Fields – Further Examples

Epidemiological Unit Type

- farm, forest, livestock market, natural park, slaughterhouse, village, backyard, zoo, other, not applicable

Geo-Coordinates

- Will allow to identify 4 levels of administrative divisions
- Shape files from OIE (can be updated if need be)

Outbreak fields

- Primary / Secondary
- related Outbreak Reference

Species affected

- Matrix
- Domestic species linked to disease
- Wildlife species (updated from OIE-WAHIS)

OUTBREAK DETAILS