



Highly pathogenic avian influenza, lumpy skin disease, African and classical swine fever in the EU

***Animal Health Advisory Committee
Brussels, 17 June 2016***

DG SANTE - Unit G3

Official controls and eradication of diseases in animals



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France: HPAI confirmed on 24/11/2015 - last outbreak on 18/04/2016



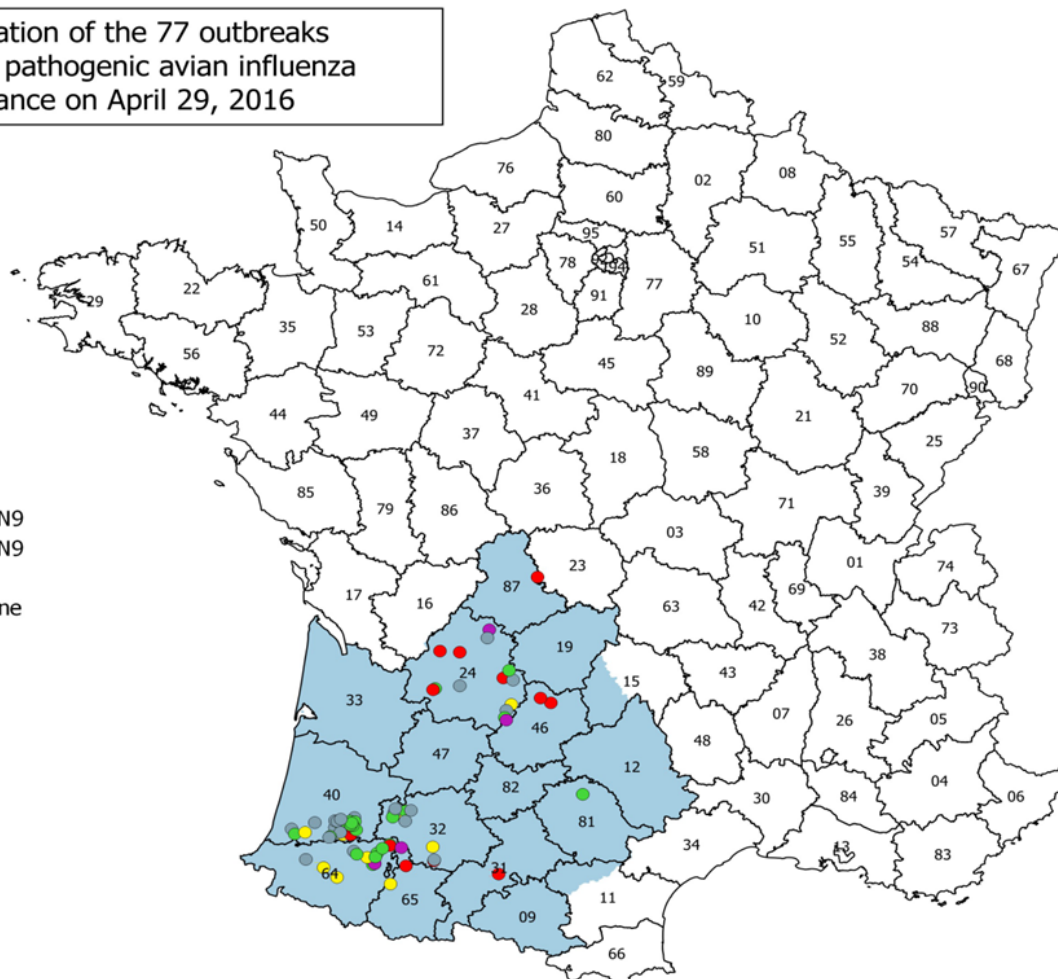
Localisation of the 77 outbreaks
of Highly pathogenic avian influenza
in France on April 29, 2016

HPAI outbreaks

- H5N1
- H5N2
- H5H9
- H5N2 and H5N9
- H5N1 and H5N9
- H5HP
- Restriction zone



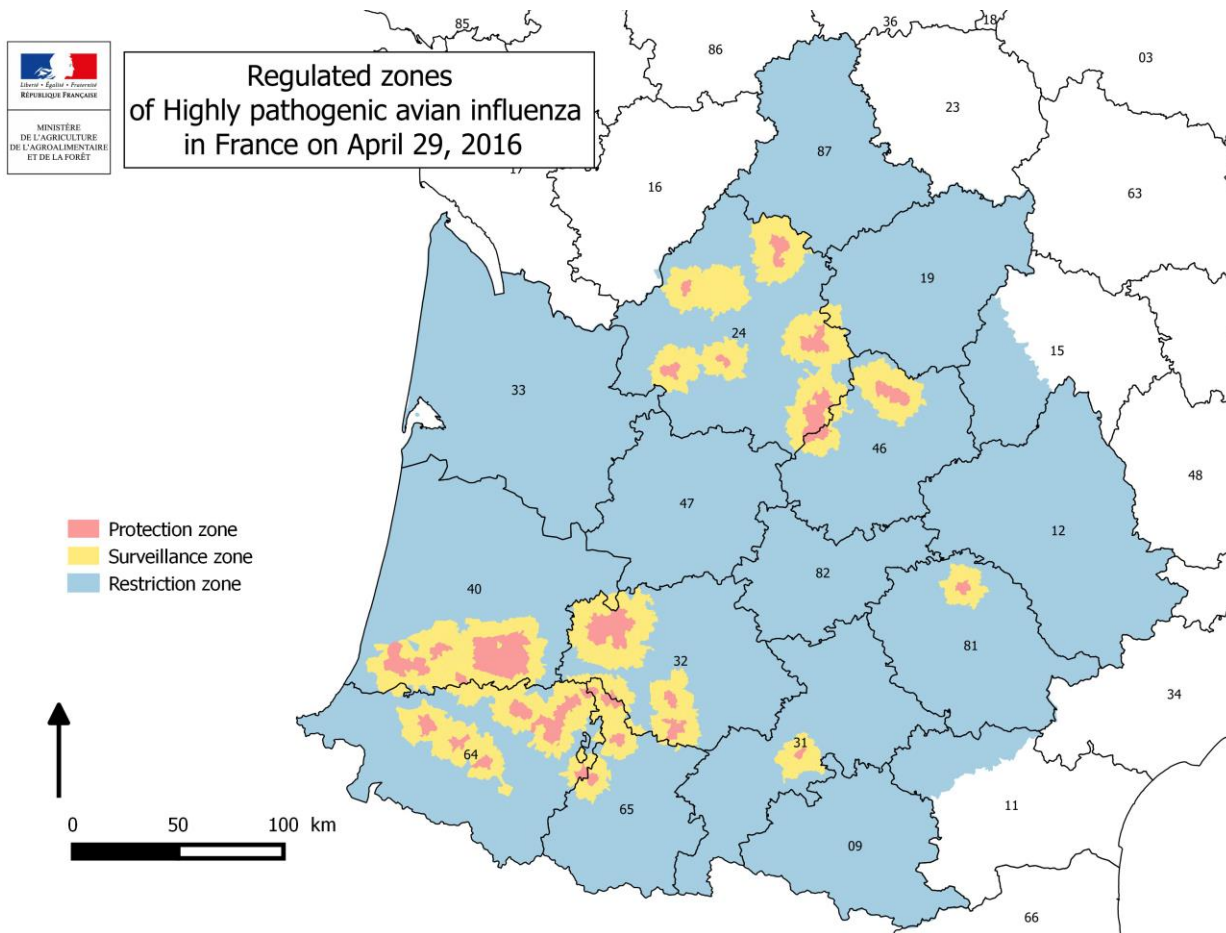
0 2550 km





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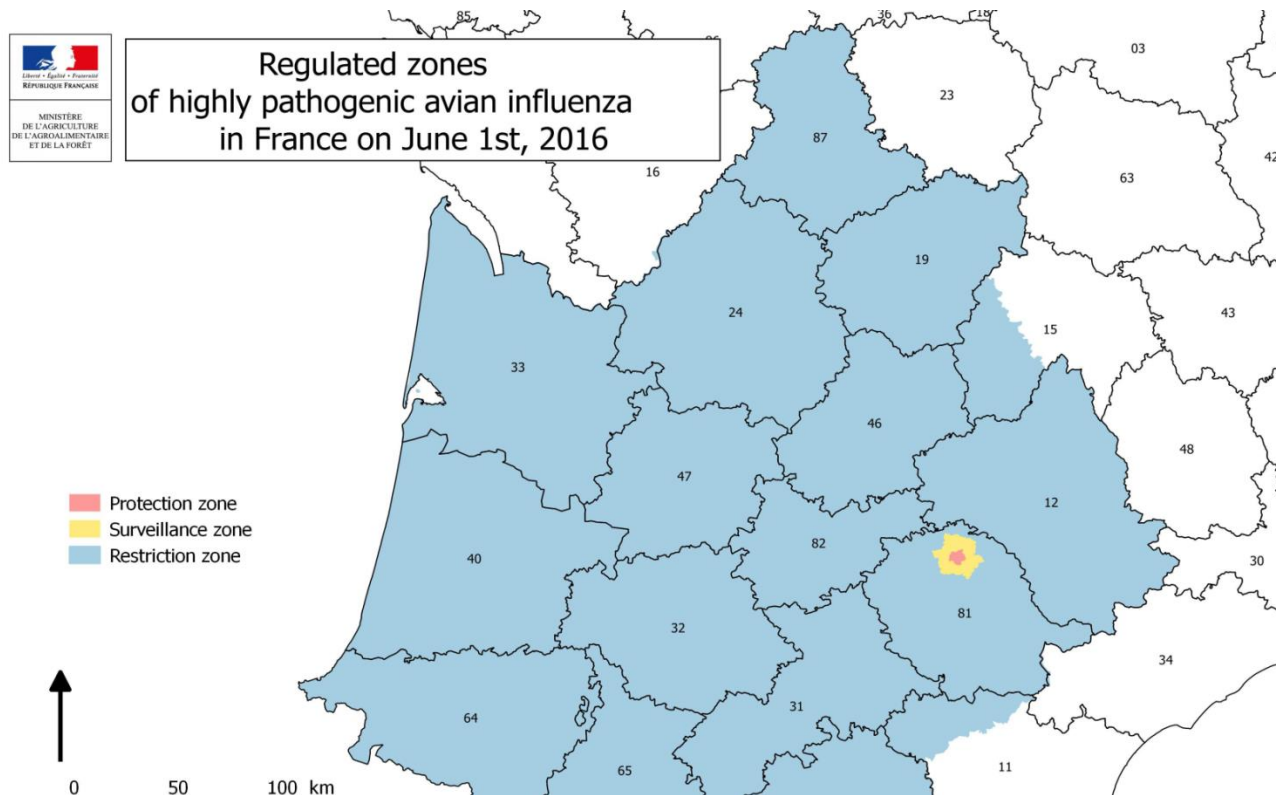
Zones under restrictions





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Gradual lifting of measures in zones under restrictions



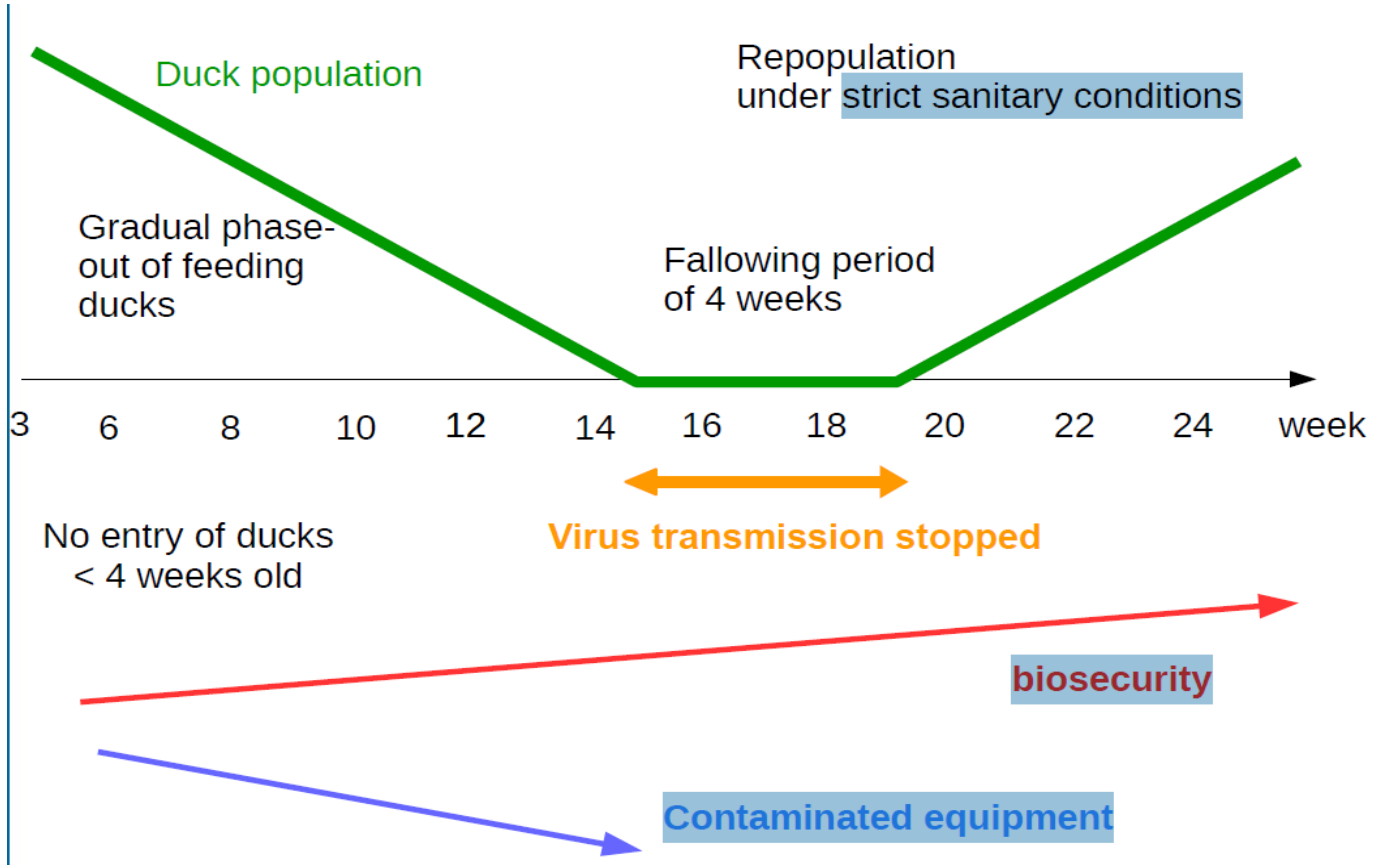


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EU protective measures

Publication Date	Member State	HPAI subtype	Decision No	Title
23/03/2016	France		(EU)2016/447	Commission Implementing Decision (EU) 2016/447 of 22 March 2016 amending Implementing Decision (EU) 2015/2460 concerning certain protective measures in relation to highly pathogenic avian influenza of subtype H5 in France
19/02/2016	France	H5N1, H5N2, H5N9	(EU)2016/237	Commission Implementing Decision (EU) 2016/237 of 17 February 2016 amending the Annex to Implementing Decision (EU) 2015/2460 concerning certain protective measures in relation to highly pathogenic avian influenza of subtype H5 in France
06/01/2016	France	H5N1, H5N2, H5N9	(EU) 2016/42	Commission Implementing Decision (EU) 2016/42 of 15 January 2016 amending the Annex to Implementing Decision (EU) 2015/2460 concerning certain protective measures in relation to highly pathogenic avian influenza of subtype H5 in France
24/12/2015	France	H5N1, H5N2, H5N9	(EU) 2015/2460	Commission Implementing Decision (EU) 2015/2460 of 23 December 2015 concerning certain protective measures in relation to highly pathogenic avian influenza of subtype H5 in France
03/12/2015	France	H5N1 H5N2	(EU) 2015/2239	Commission Implementing Decision (EU) 2015/2239 of 2 December 2015 concerning certain protective measures in relation to highly pathogenic avian influenza of subtypes H5N1 and H5N2 in France

French strategy for HPAI control



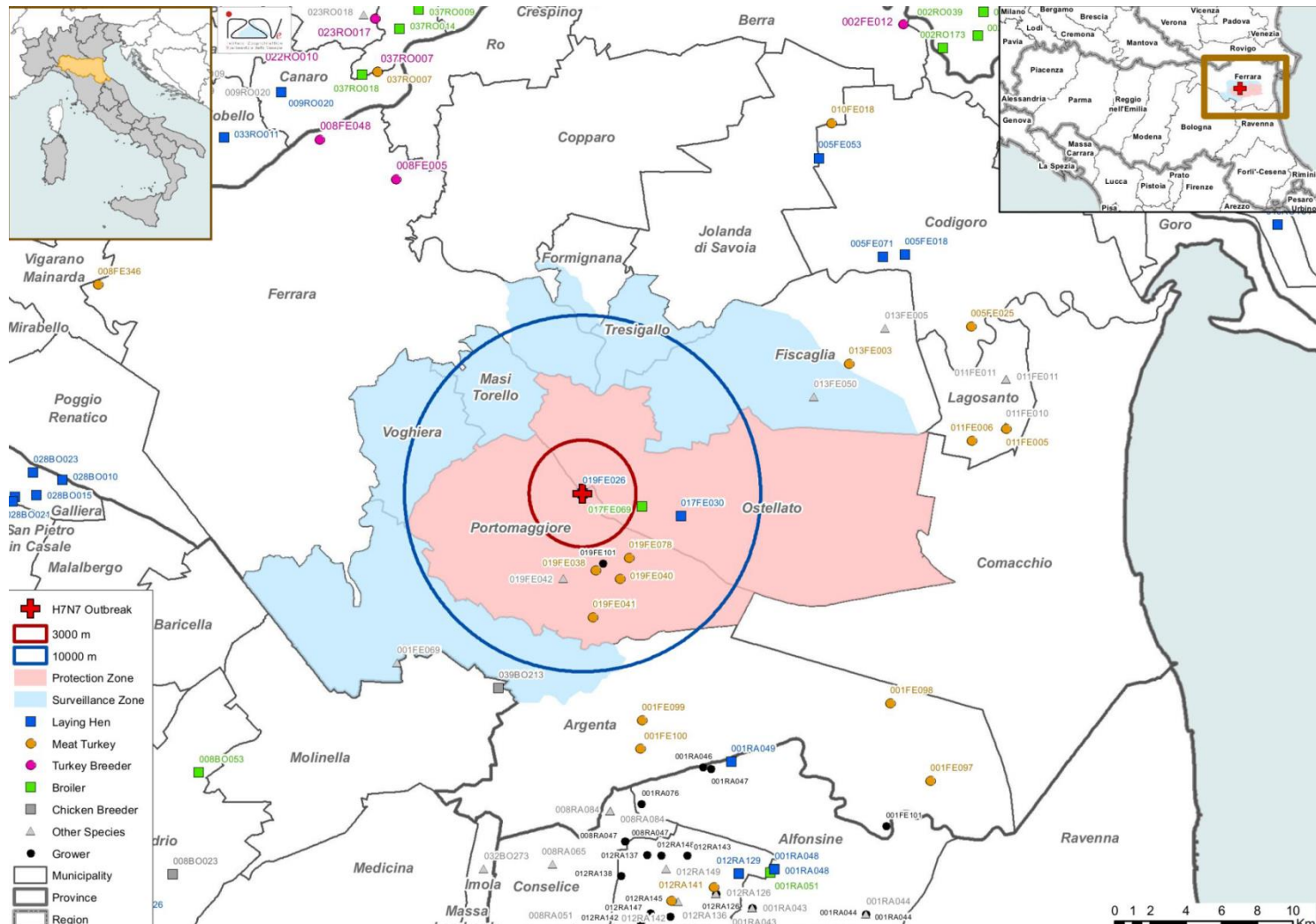
Italy - HPAI H7N7 in Emilia Romagna

- *02/05/2016:*
 - organic free-range laying hen holding (17,000) in Ferrara province
- *16/05/2016:*
 - meat turkey holding (~50,000) within the protection zone of first outbreak



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Protection and surveillance zone



Epidemiological investigations

- Possible introduction of low pathogenic virus through direct contact between wild birds and free-range laying hens
- Likely mutation from low to highly pathogenic strain - both were detected

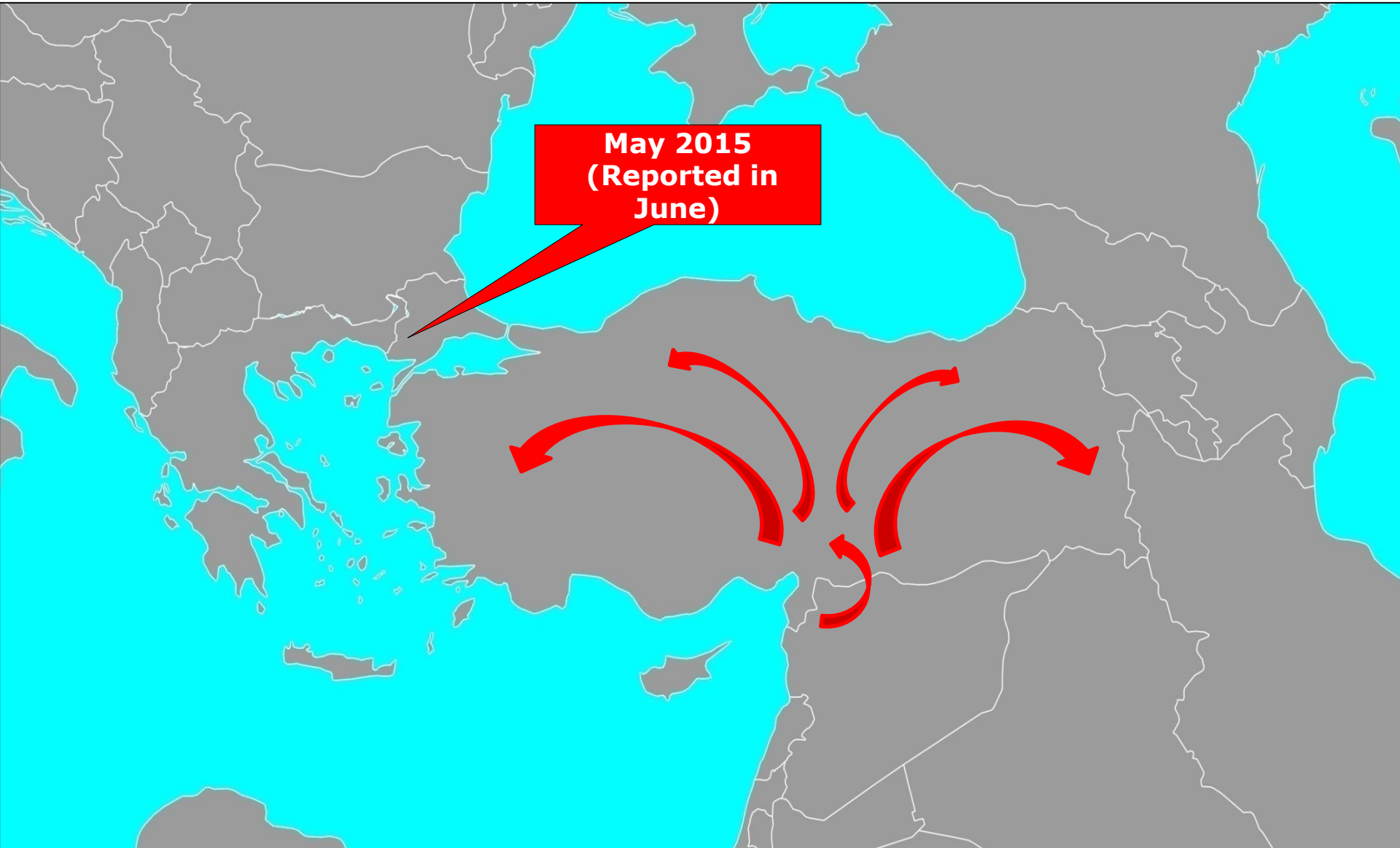
Control measures at national level

Densely Populated Poultry Areas

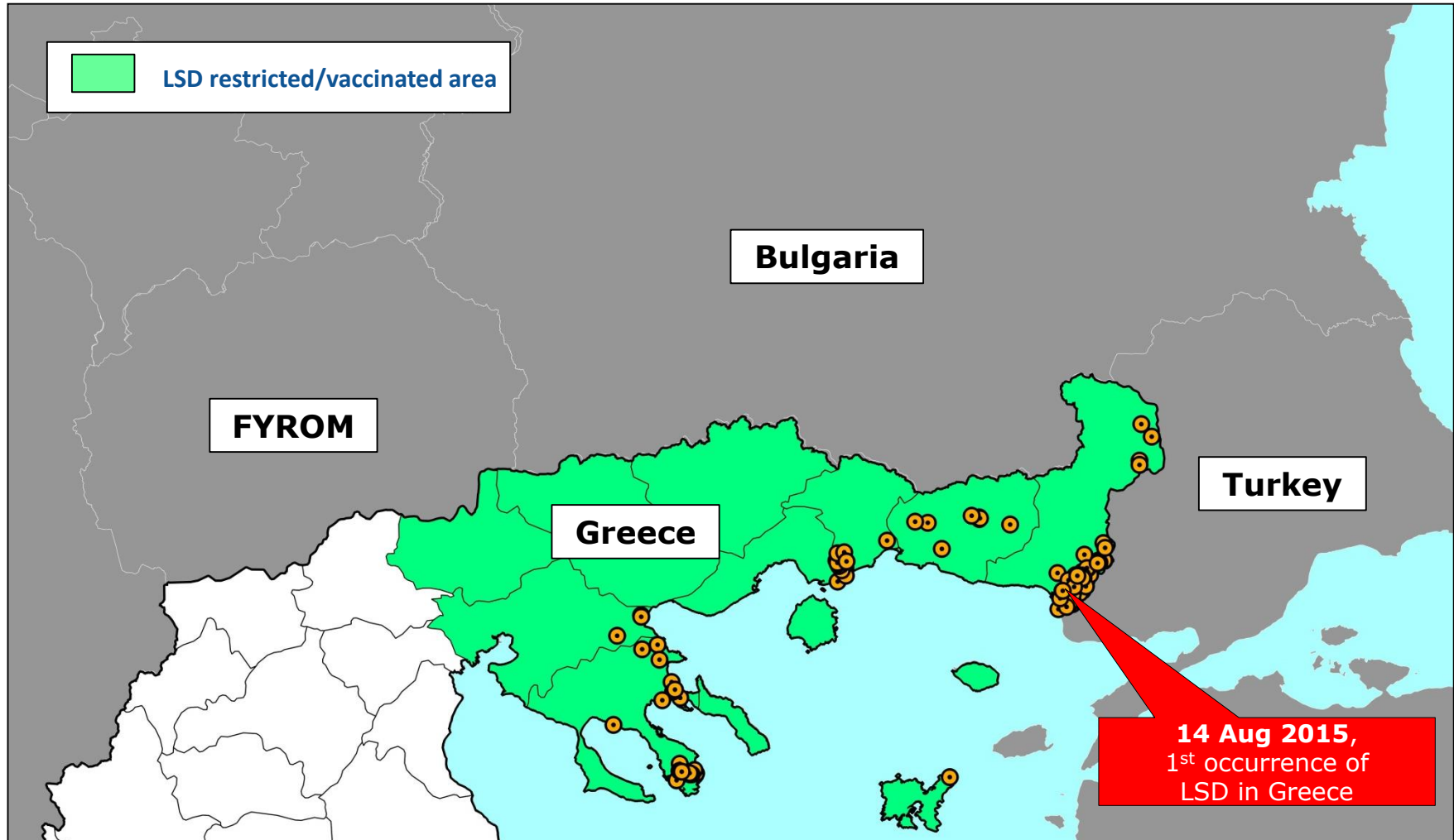
- testing of all layer holdings
- pre-moving testing of pullets and laying hens
- pre-moving testing of fattening turkeys before loading for slaughter
- enhanced biosecurity measures
- functional separation of production between Emilia Romagna and other regions

Lumpy skin disease (LSD) situation in 2013 - 2015

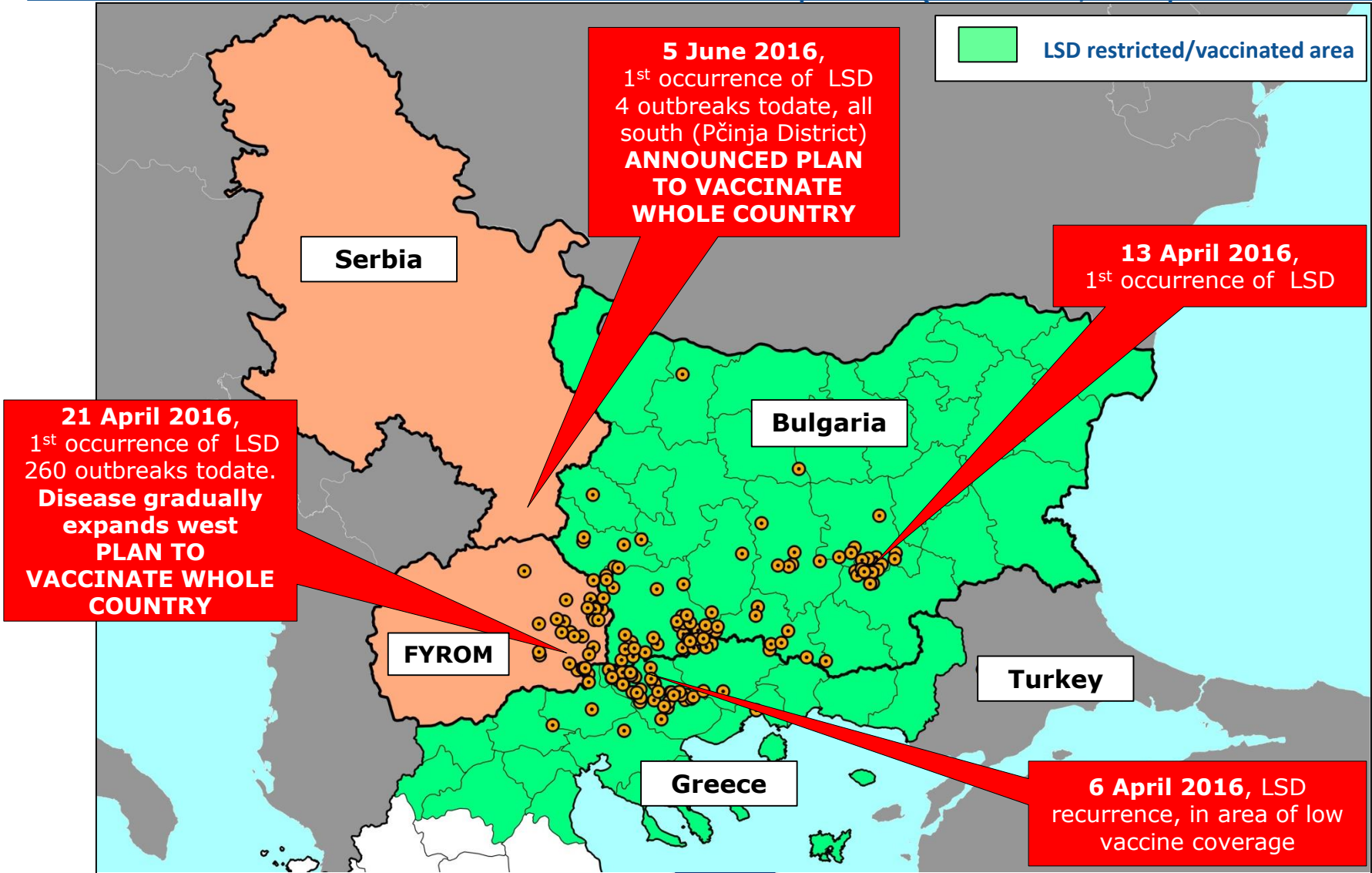
Disease spread



LSD situation in 2015: Greece (Aug-Dec 2015)



LSD situation in 2016: recurrence & spread (Balkans, 6 April-13 June)



Legal acts :

COUNCIL DIRECTIVE **92/119/EEC**, of 17 December 1992 introducing general Community measures for the control of certain animal diseases and specific measures relating to swine vesicular disease

Commission Implementing Decisions

- **CID (EU) 2015/1500** (Greece – safeguard measures)
- **CID (EU) 2015/2055** (Greece – vaccination)
- **CID (EU) 2016/ 654** (Bulgaria- Safeguard measures)

In the course for adoption:

- (DRAFT) SANTE 7053/2016 (Bulgaria), conditions for vaccination against LSD, definition of LSD vaccination zone, expansion of LSD restricted zone (whole country)
- (DRAFT) SANTE 7054/2016 (Greece) , amendment of LSD vaccination zone & restricted zone (expansion to the west)

Technical support:

EFSA opinion on LSD

Prepared upon DG SANTE's request and published in Jan 2015

CVET missions in relation to LSD

- *Cyprus : 9-11 Dec 2014 & 21-23 Jan 2015*
- *Greece: 2-6 Nov 2015 & 12-13 April 2016*
- *Serbia: 6 June 2016*
- *The former Yugoslav Republic of Macedonia: 7-8 June 2016*

Joint EFSA –DG SANTE Workshop (Brussels , 11-12 May 2016)

" Strengthening regional cooperation in South East Europe and Middle East for prevention and control of Lumpy Skin Disease"



EU Lumpy Skin Disease vaccine bank

*Created on April 2016 **to support the initial stages of a vaccination campaign against LSD** in an EU MS or neighboring non EU Member country:*

Vaccines provided so far to:

Bulgaria : 150.000 doses (26 April 2016)

Greece : 50.000 doses (27 April 2016)

The Former Yugoslav Rep. of Macedonia: 50.000 doses (22 May 2016)

***Remainder** : 150.000 doses*

***Expansion** : 200.000 doses (in the next weeks)*

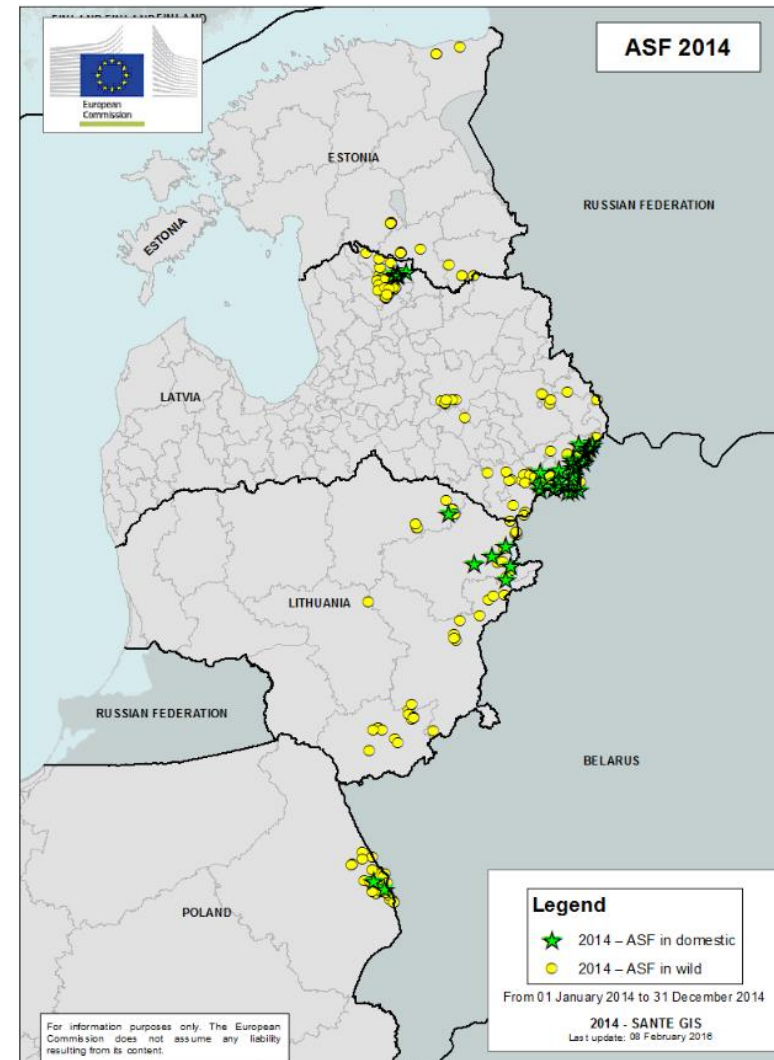
***New tender**: (to be launched in the following weeks)*

Observations – Conclusions so far

- *LSD is a cross – boundary disease requiring regional cooperation and coordination*
- *In most cases high vaccination coverage may be needed to stop disease spread / recurrence in the following year*
- *MS must be " generous " when defining LSD restricted / vaccination zones as the disease spreads unexpectedly over long distances in a unpredictable fashion.*
- *Strict implementation of restrictions in the LSD restricted /vaccination zones is an important factor in preventing disease spread.*
- **Countries at risk should start making all preparations for emergency vaccination against LSD** *as the epidemic is in progress and spread may continue until December (as the case was in 2015 in Greece)*

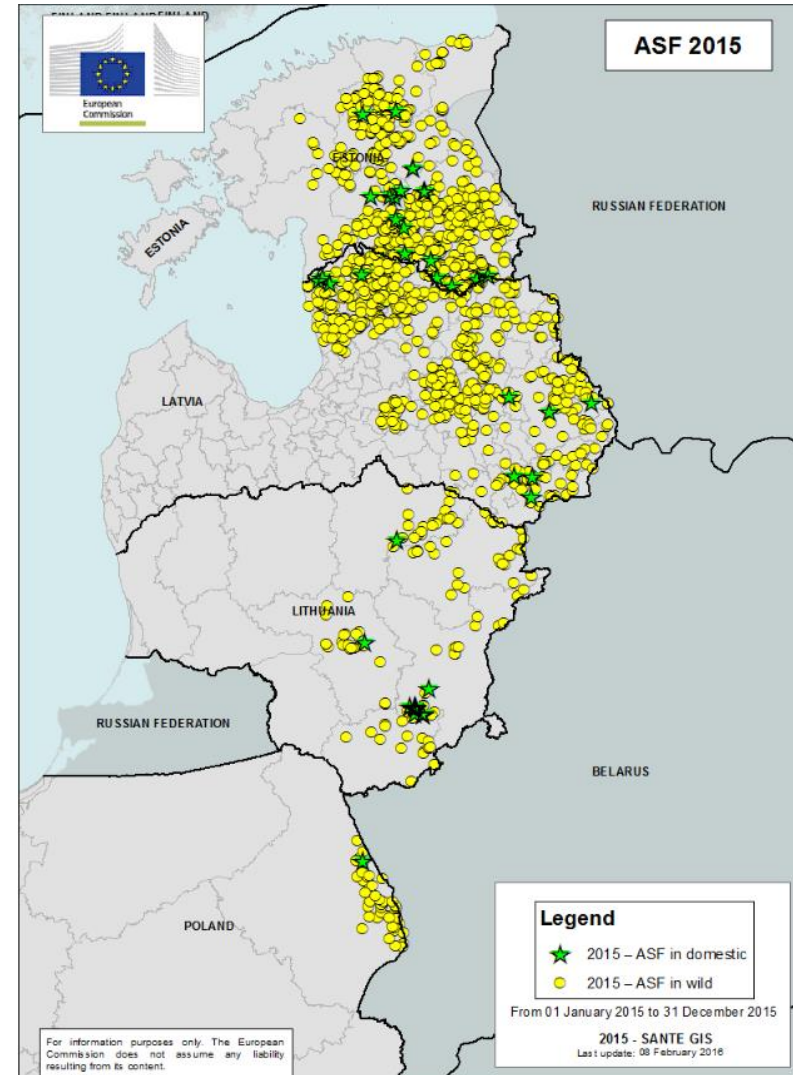


The result of the EU animal disease management African swine fever (ASF) well contained





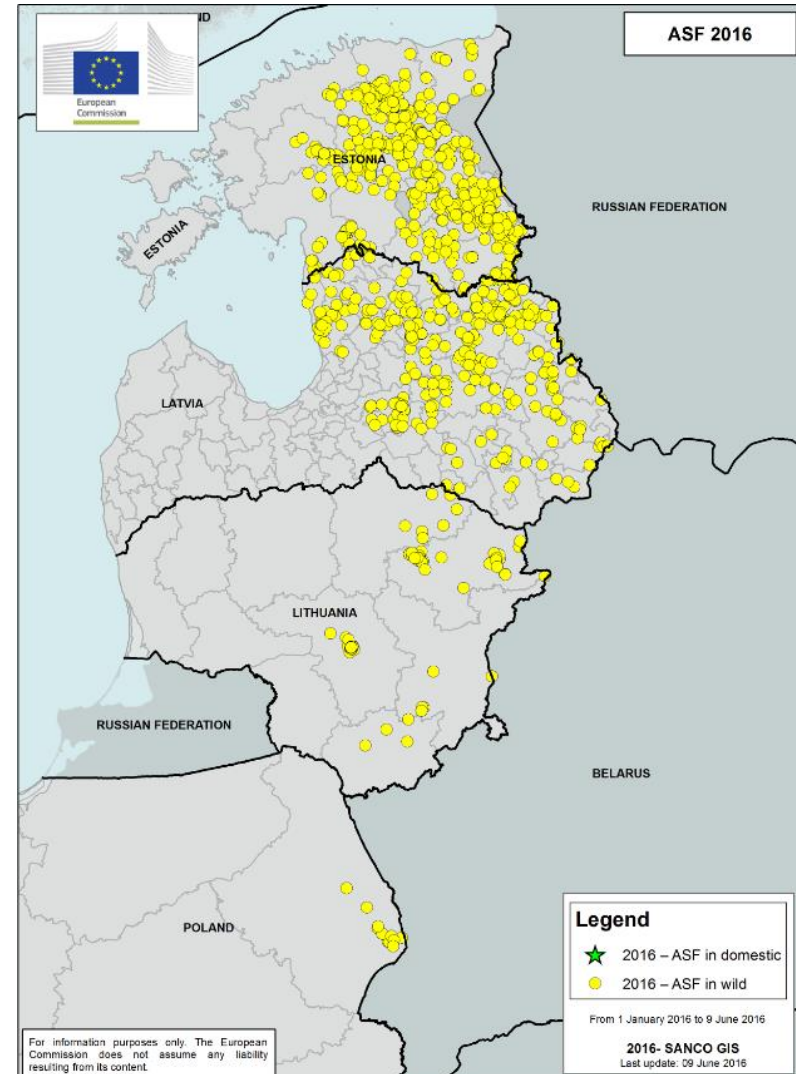
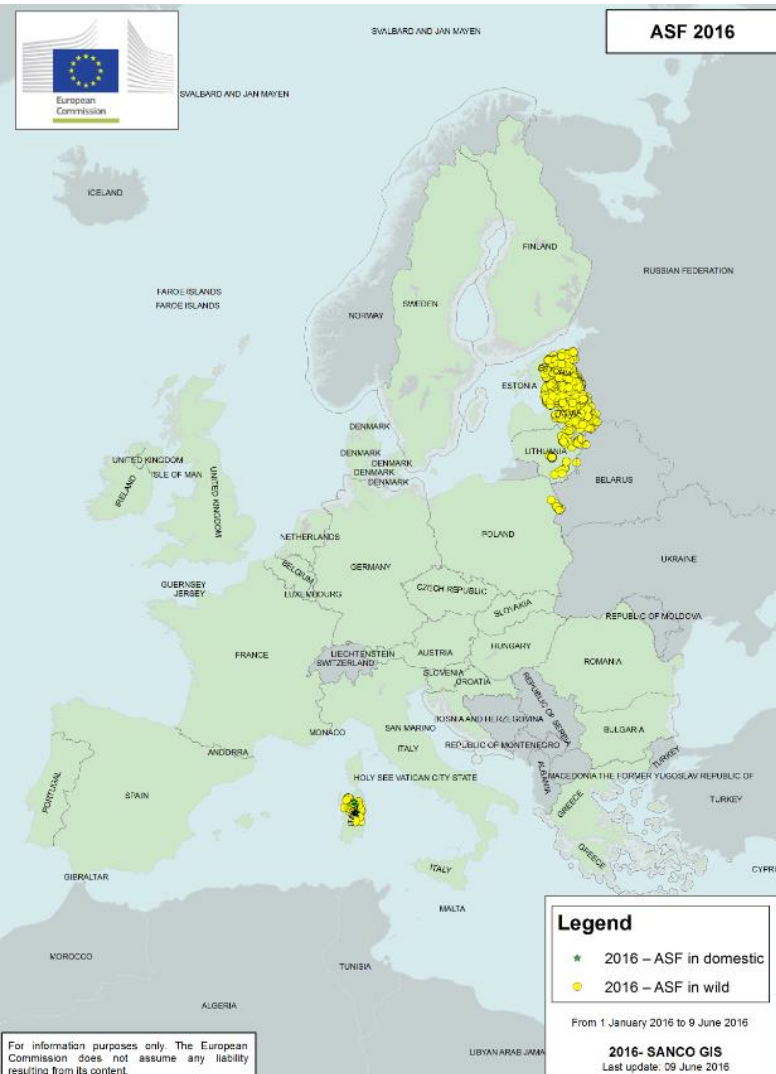
The result of the EU animal disease management **African swine fever (ASF) well contained**





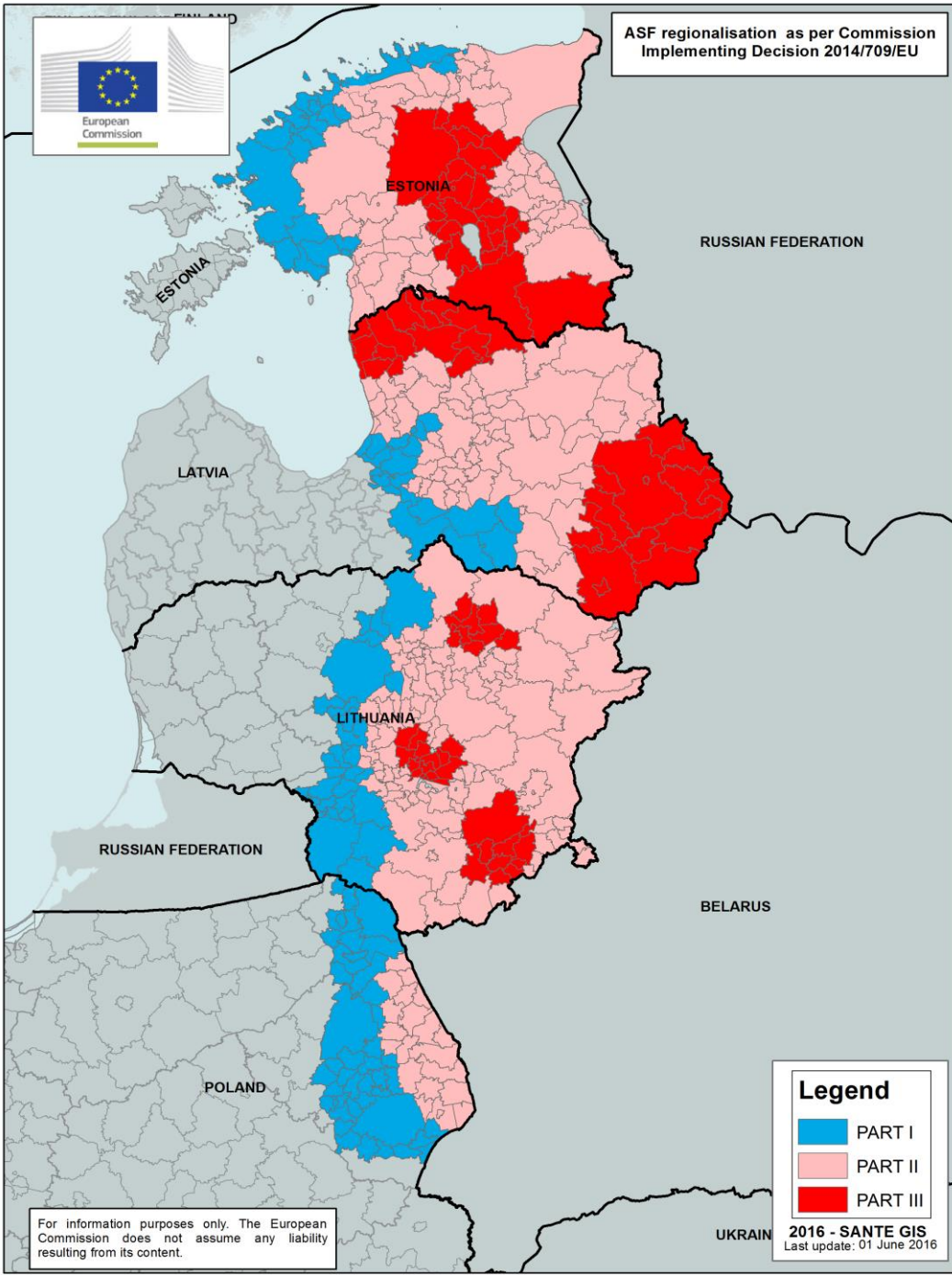
The result of the EU animal disease management

ASF well contained





ASF regionalisation as per Commission Implementing Decision 2014/709/EU

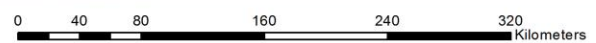


Legend

- PART I
- PART II
- PART III

2016 - SANTE GIS
Last update: 01 June 2016

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ASF regionalisation as per CID 2014/709/EC



CSF 2015-2016



2015-2016 Classical swine fever (CSF) situation in the EU

no outbreaks

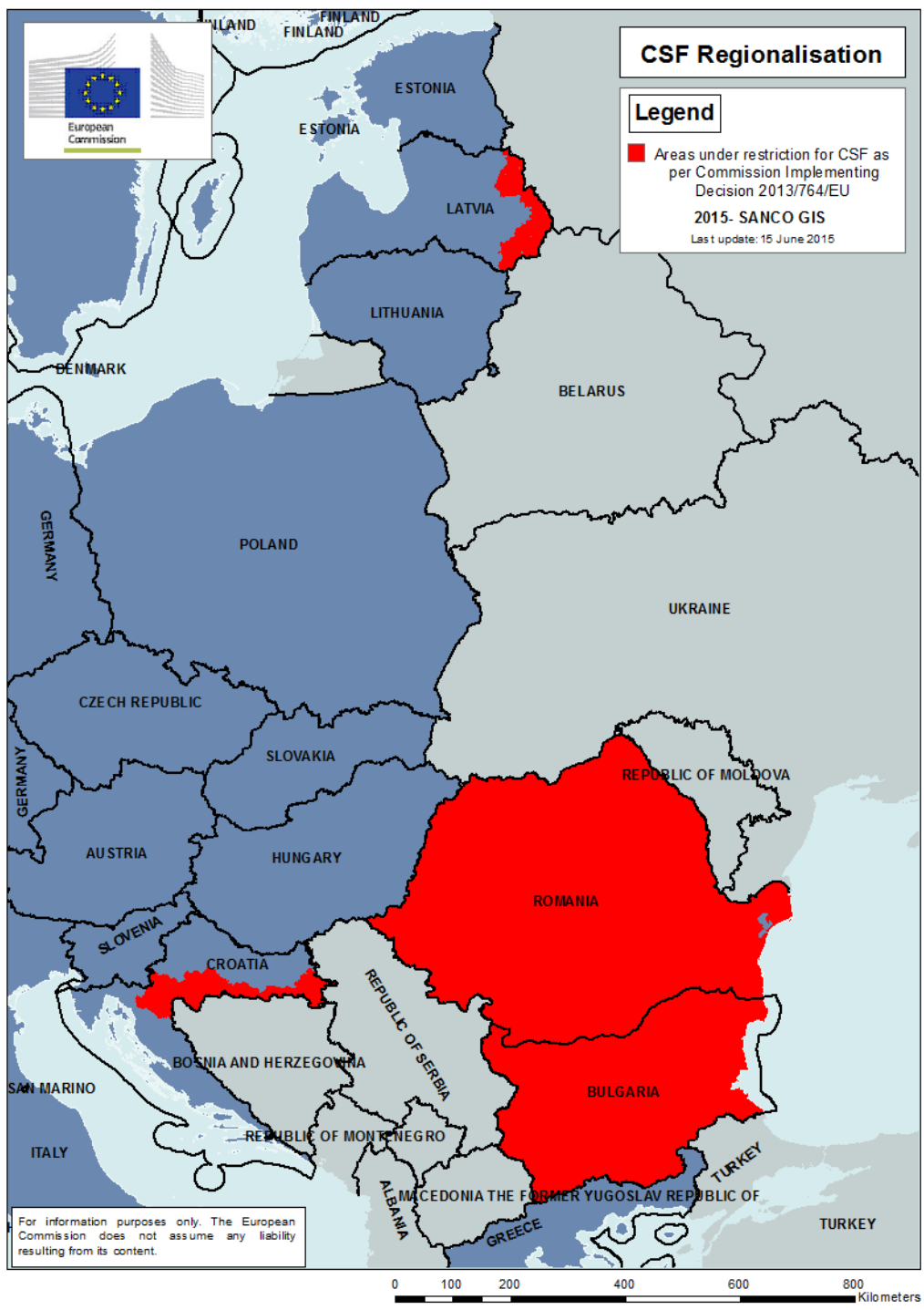
few cases in wild
boar next to the
border to Belarus



CSF Regionalisation

Legend

■ Areas under restriction for CSF as per Commission Implementing Decision 2013/764/EU
2015- SANCO GIS
Last update: 15 June 2015



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CSF regionalisation as per CID 2013/764/EU



Thank you for your attention!

