



Recent work of EFSA on animal health issues – LSD and ASF

Hans Verhagen
Head of RASA Department

ANIMAL AND PLANT HEALTH UNIT ALPHA

**Joining Member States and EC in
fighting pests of animals and plants**

Animal Health & Welfare Panel



Lumpy skin disease

Plant Health Panel



Xylella fastidiosa

ANIMAL HEALTH AND WELFARE ASSESSMENTS



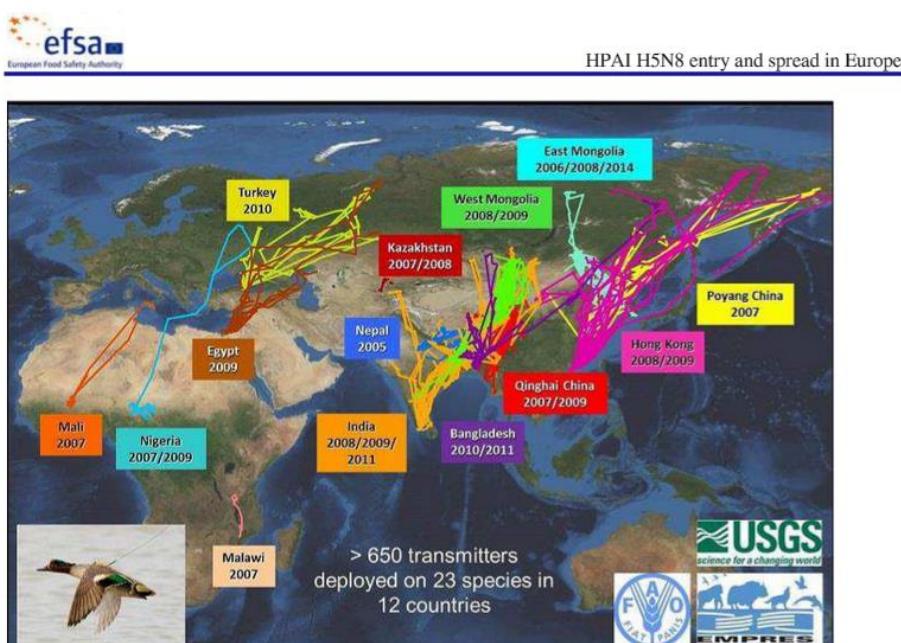
efsa
European Food Safety Authority

EFSA Journal 2013;11(4):3180

SCIENTIFIC OPINION

Scientific Opinion on Rift Valley fever¹

EFSA Panel on Animal Health and Welfare (AHAW)^{2,3}



Assessing the health status of managed honeybee colonies (HEALTHY-B): a toolbox to facilitate harmonised data collection

EFSA Panel on Animal Health and Welfare (AHAW)

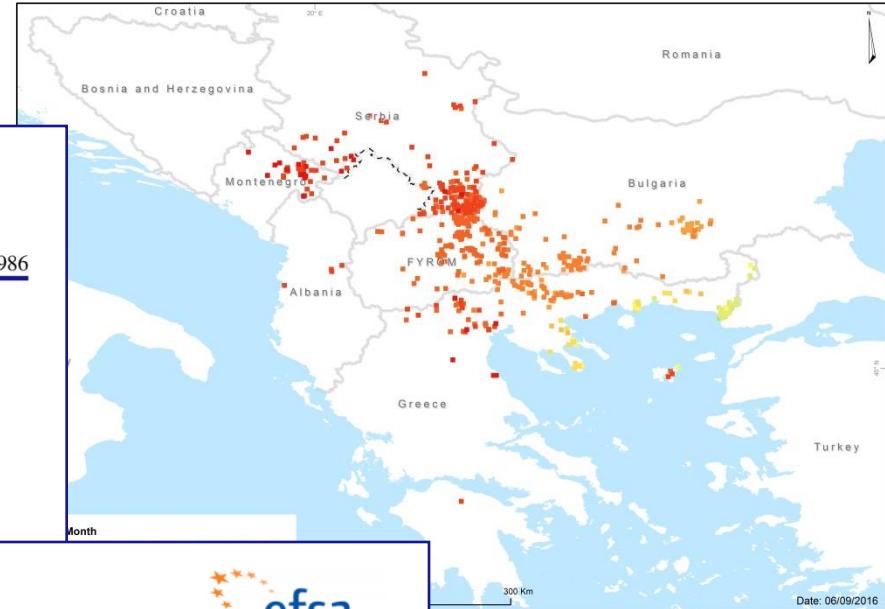
Lumpy skin disease

SCIENTIFIC OPINION

Scientific Opinion on lumpy skin disease¹

EFSA Panel on Animal Health and Welfare (AHAW)^{2,3}

European Food Safety Authority



EVENT REPORT

APPROVED: 4 July 2016



PUBLISHED: 05 July 2016

Joint EFSA –DG SANTE Workshop

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

European F



STATEMENT

ADOPTED: 29 July 2016

doi: 10.2903/j.efsa.2016.4573

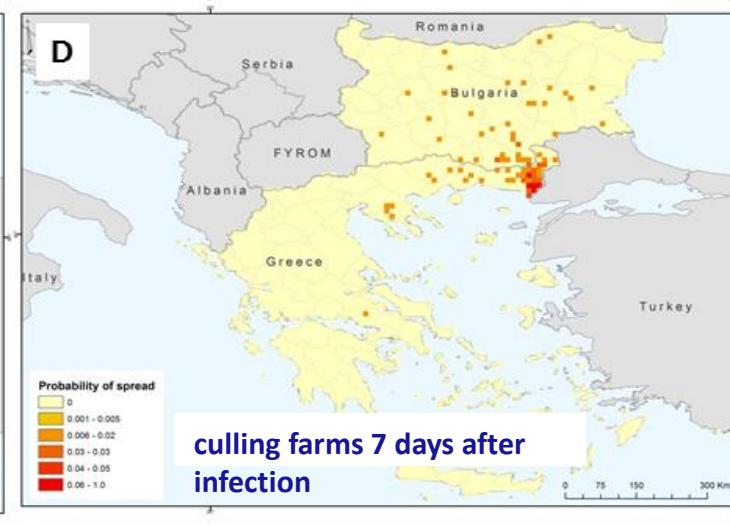
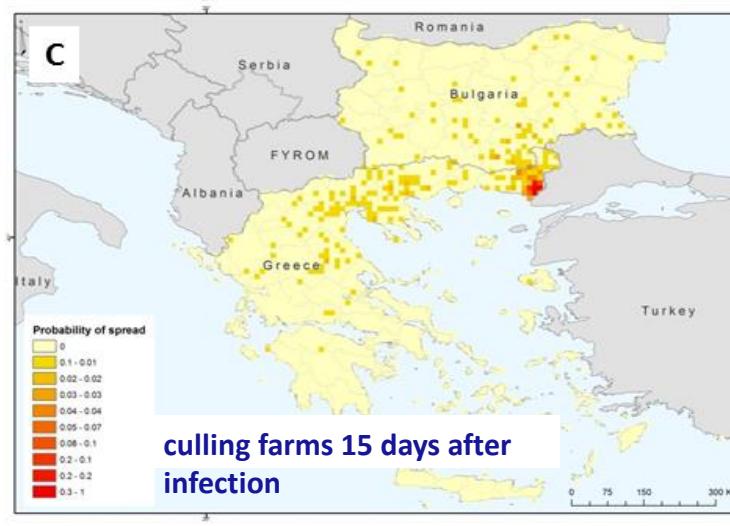
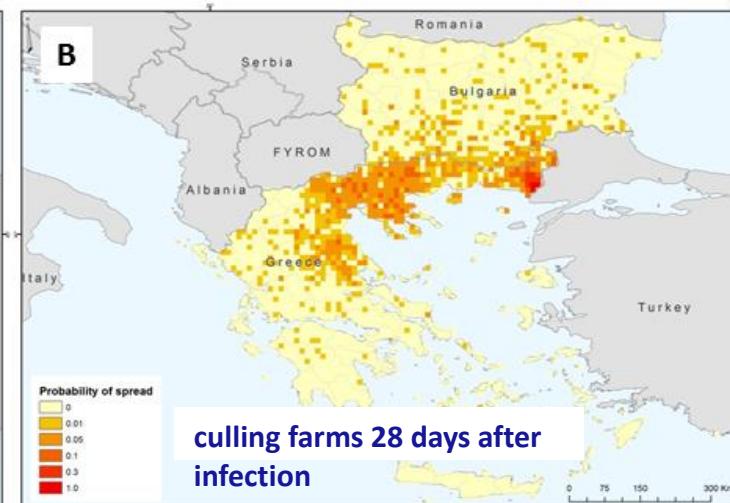
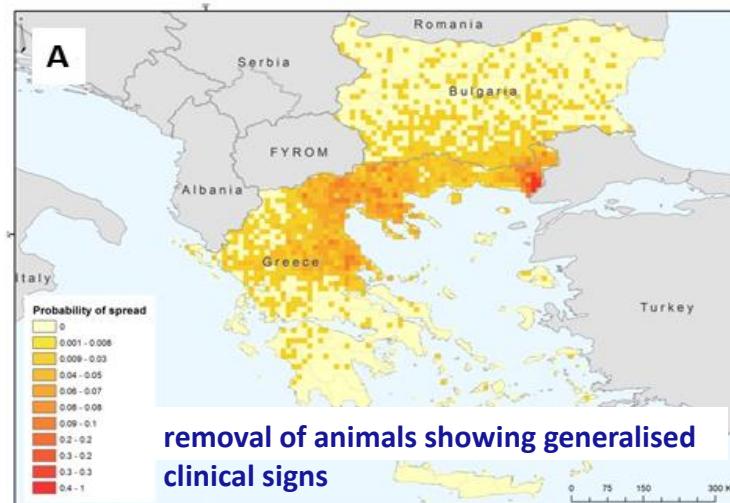
Urgent advice on lumpy skin disease
EFSA Panel on Animal Health and Welfare





EFSA SCIENTIFIC OPINION ON LSD 2015

Assessment of spread and impact





EFSA-DG SANTE LSD WORKSHOP 11-12 MAY 2016

Key messages

- The homologous vaccine against LSD is the best choice for preventing LSDV infections
- Purity and potency checks of the available homologous vaccines should be carried out
- Availability and timely procurement of vaccines are essential for disease control by vaccination
- Importance of maximised biosecurity measures in farms located within and outside restriction zones

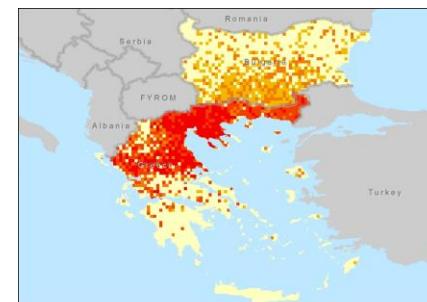


EFSA STATEMENT ON LSD 31 JULY 2016

Predicted impact of different combinations of vaccination and stamping-out strategies on the geographical spread of LSDV in Bulgaria and Greece (vaccination effectiveness 75%)

No stamping out

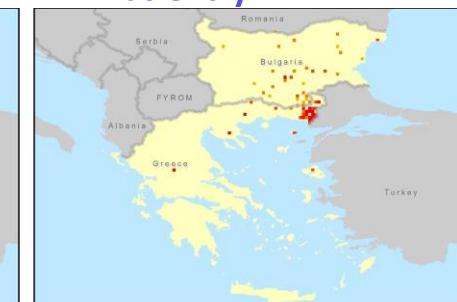
No vaccination



Vaccination after
virus entry



Vaccination before
virus entry



Partial stamping out



Total stamping out





NEW REQUEST AUGUST 2016

Scientific and technical assistance

- Up-to-date epidemiological analyses
- Based on harmonised data collected by MS and neighbouring countries
 - Temporal and spatial patterns of LSD
 - Risk factors for occurrence, spread and persistence
- Scientific reports Jan 2017, Jan 2018

African Swine Fever



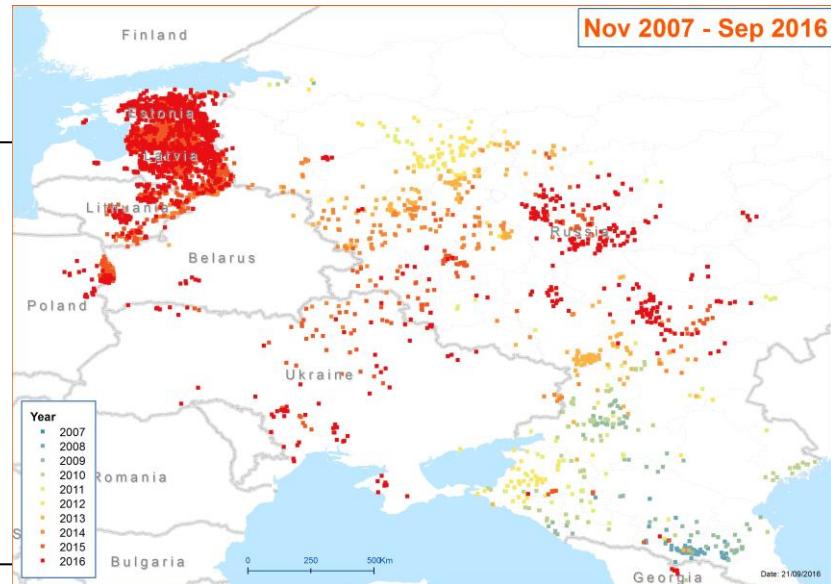
EFSA Journal 2014;12(4):3628

Nov 2007 - Sep 2016

SCIENTIFIC OPINION

Scientific Opinion on African swine fever¹

EFSA Panel on Animal Health and Welfare (AHAW)^{2,3}



European Food Safety Authority

EFSA Journal 2014;12(3):3616

SCIENTIFIC REPORT OF EFSA

Evaluation of possible mitigation measures to prevent introduction and spread of African swine fever virus through wild boar¹



SCIENTIFIC OPINION

ADOPTED: 23 June 2015

doi:10.2903/j.efsa.2015.4163



PUBLISHED: 14 July 2015

African swine fever

EFSA Panel on Animal Health and Welfare (AHAW)

EFSA AND THE CONTROL OF ASF IN THE EU

Workshop on harmonisation of data collection



The page is a news article from the European Food Safety Authority (EFSA) website. The header features a collage of images related to food and agriculture, including a cow, eggs, a landscape, and berries. The main title is 'Workshop on harmonisation of data collection'.

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European Food Safety Authority

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African swine fever: how to harmonise data collection in the Baltic countries and Poland

Parma, Italy , 23 November 2015

Documents

Food safety and veterinary officials from Estonia, Latvia, Lithuania and Poland, along with experts from across Europe, met this week to discuss how to improve the collection of epidemiological data on African swine fever.

"We are already collecting data, but we are not yet using them for deep epidemiological analysis," said Ieva Rodze, from the Institute of Food Safety, Animal Health and Environment in Latvia.

Ensuring that data comply with the highest quality standards and are collected according to the same criteria is paramount. This was the main agenda item of the three-day workshop.

Subject area

[Animal health and welfare](#)

Related topics

[African swine fever](#)

See also

[African swine fever \(2015\)](#)



COLLECTING DATA

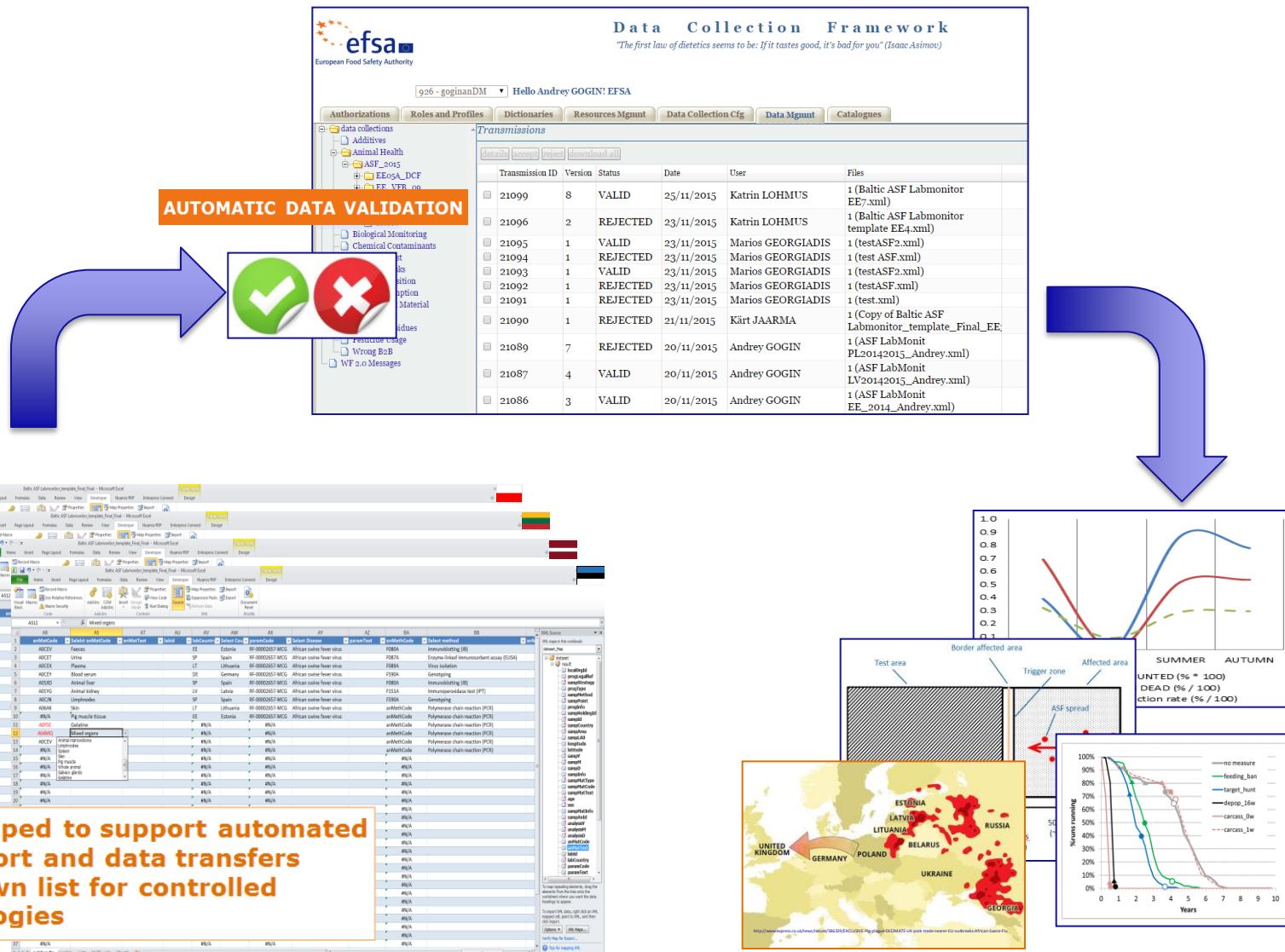
- Harmonized LIMS data sets
 - Individual level;
 - Pos/Neg results;
 - Different methods;
 - Different matrixes;
 - Decomposition rate;
 - Age and sex;
 - Location
- ADNS Database
- Populations of susceptible animals
- Human population density
- Environmental data
 - Roads
 - Landcover
 - Forests
 - Wetlands
 - Meteorological parameters

276 510 records

198 103 samples



EFSA DCF FOR LABORATORY DATA COLLECTION



WORKSHOP ON EPIDEMIOLOGICAL ANALYSIS

Riga, 29-30 June 2016
Institute of Food Safety
Animal Health and Environment-
BIOR - EFSA Focal Point in Latvia



Show interactive plots

For estimated probabilities, show:
Statistic

2.5% quantile

at time

Year_2016

for region

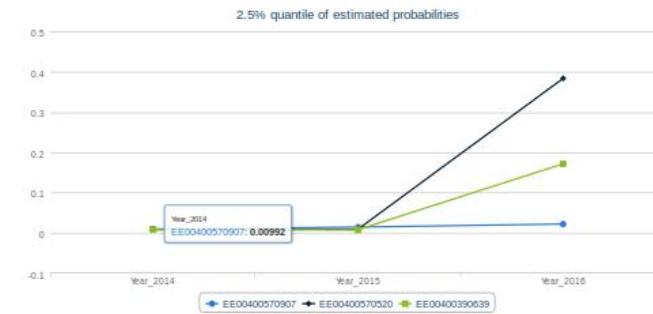
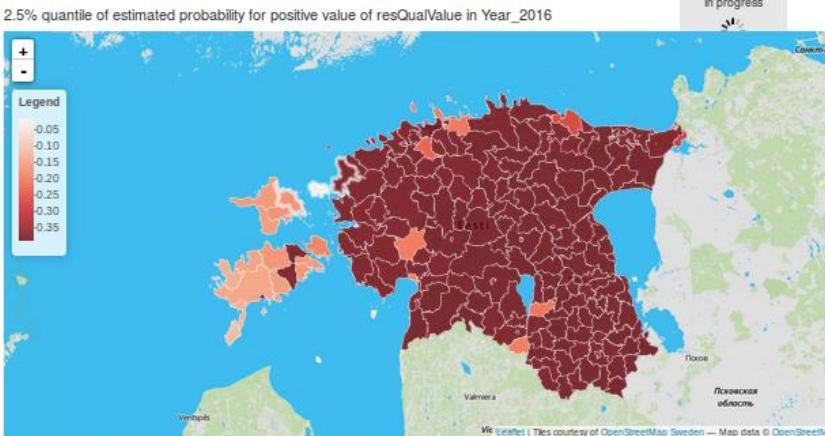
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Extra variables displayed in popup

Legend placement

topleft

Add world map





Acknowledgements

- AHAW Panel
- Experts
- Member States
- EFSA staff



Thank you for your attention