



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

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# ANIMAL AND PLANT HEALTH UNIT ALPHA

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

Animal Health & Welfare Panel

Plant Health Panel



Lumpy skin disease



*Xylella fastidiosa*



# ANIMAL HEALTH AND WELFARE ASSESSMENTS

## SCIENTIFIC OPINION

### Scientific Opinion on Rift Valley fever<sup>1</sup>

EFSA Panel on Animal Health and Welfare (AHAW)<sup>2,3</sup>



## HPAI H5N8 entry and spread in Europe

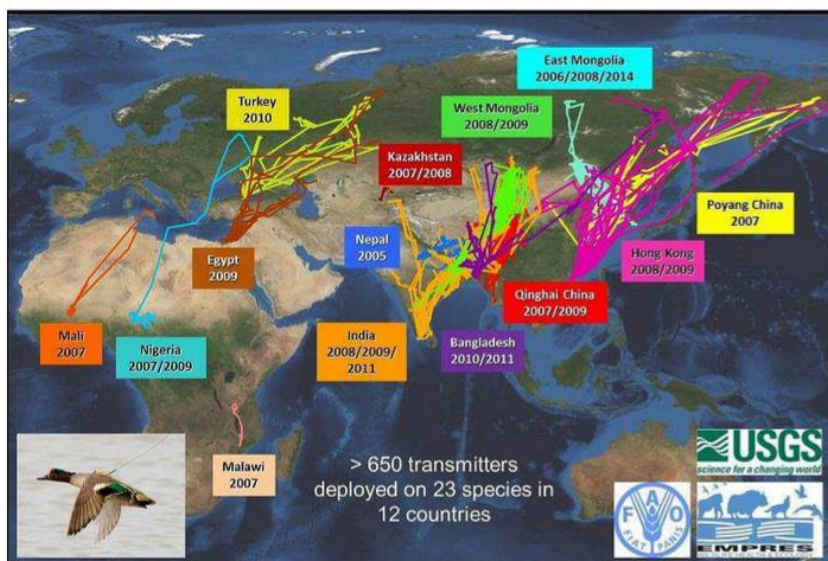


Figure 7: FAO-USGS Avian Influenza Projects<sup>5</sup> (<http://www.werc.usgs.gov/ResearchTopicPage.aspx?id=17>) ©FAO



## 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

  
European Food Safety Authority

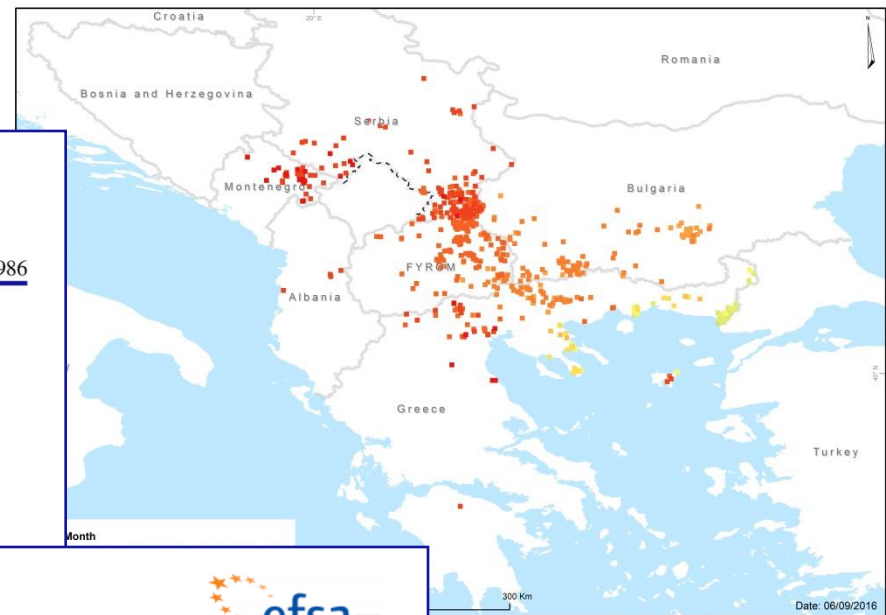
EFSA Journal 2015;13(1):3986

**SCIENTIFIC OPINION**

**Scientific Opinion on lumpy skin disease<sup>1</sup>**

**EFSA Panel on Animal Health and Welfare (AHAW)<sup>2,3</sup>**

European Food Safety Authority (EFSA) Panel on Animal Health and Welfare




  
**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 Food Safety Authority (EFSA) Panel on Animal Health and Welfare

  
**STATEMENT**

ADOPTED: 29 July 2016  
doi: 10.2903/j.efsa.2016.4573

**Urgent advice on lumpy skin disease**

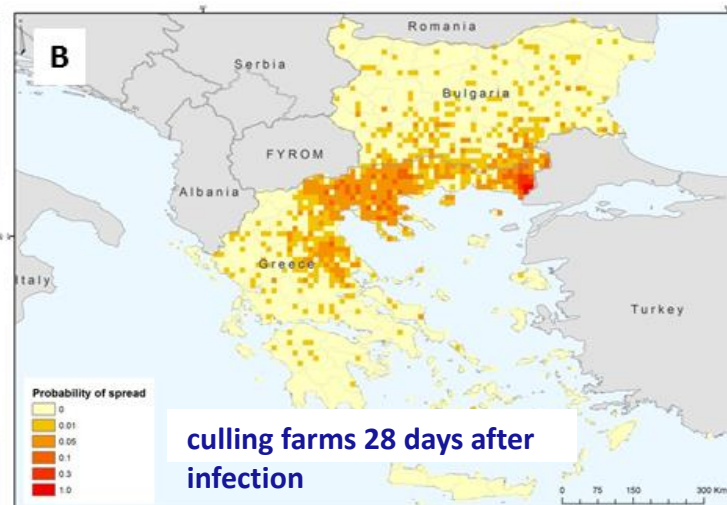
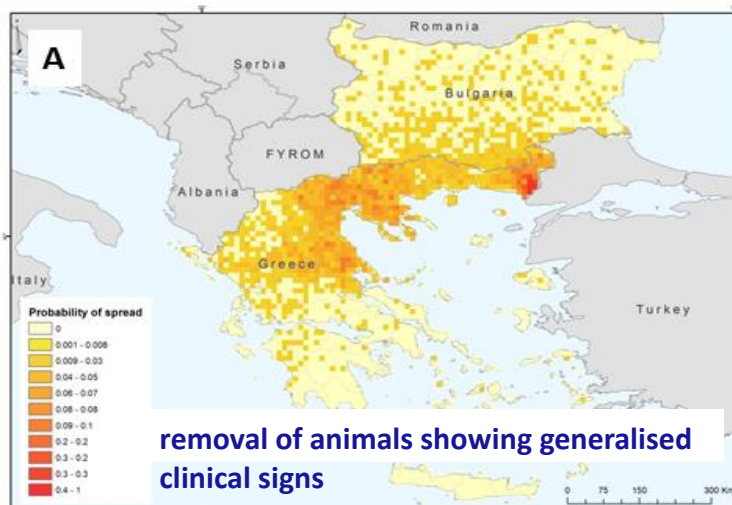
**EFSA Panel on Animal Health and Welfare**





# EFSA SCIENTIFIC OPINION ON LSD 2015

## Assessment of spread and impact



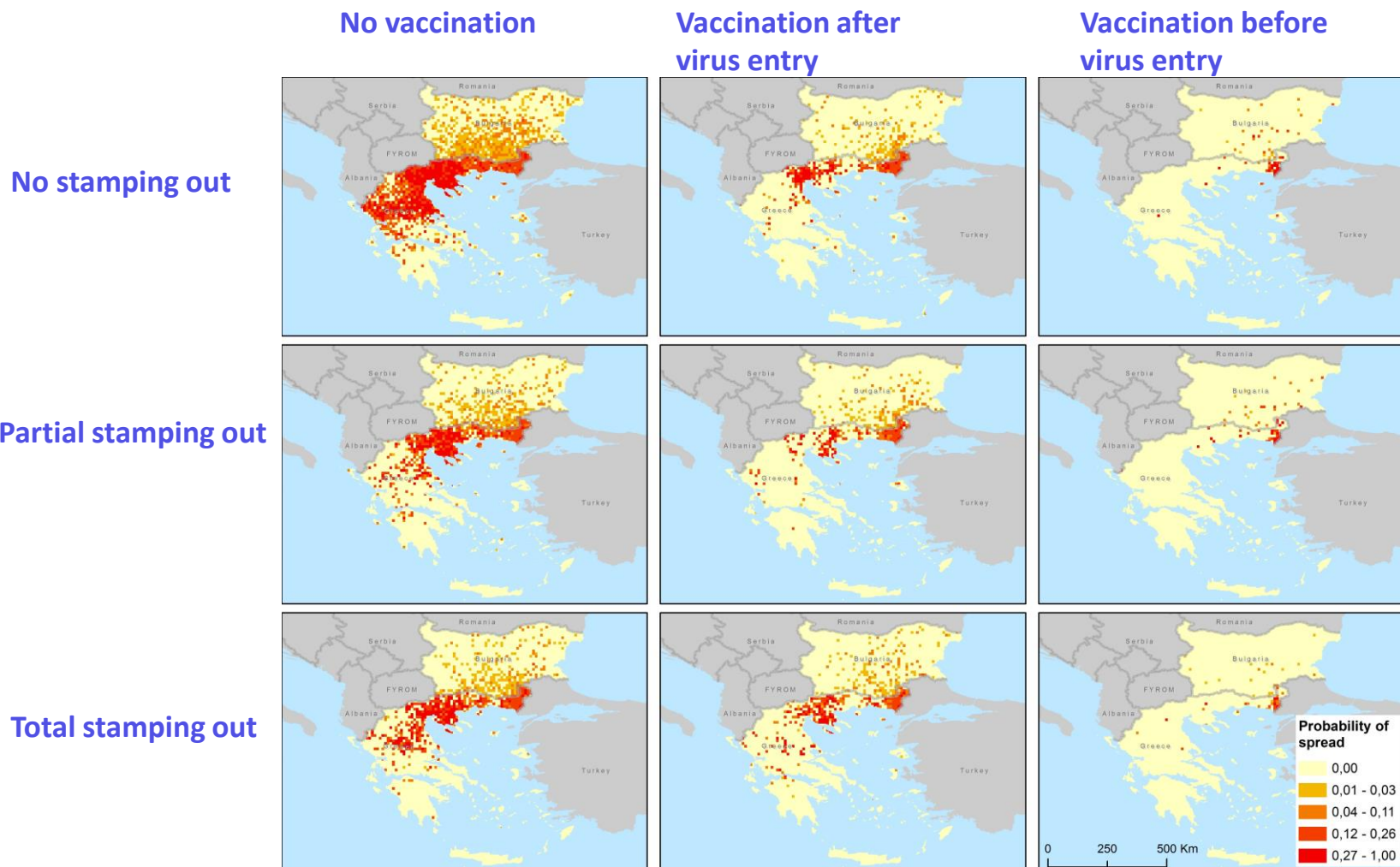
# EFSA-DG SANTE LSD WORKSHOP 11-12 MAY 2016

## 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%)



## 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

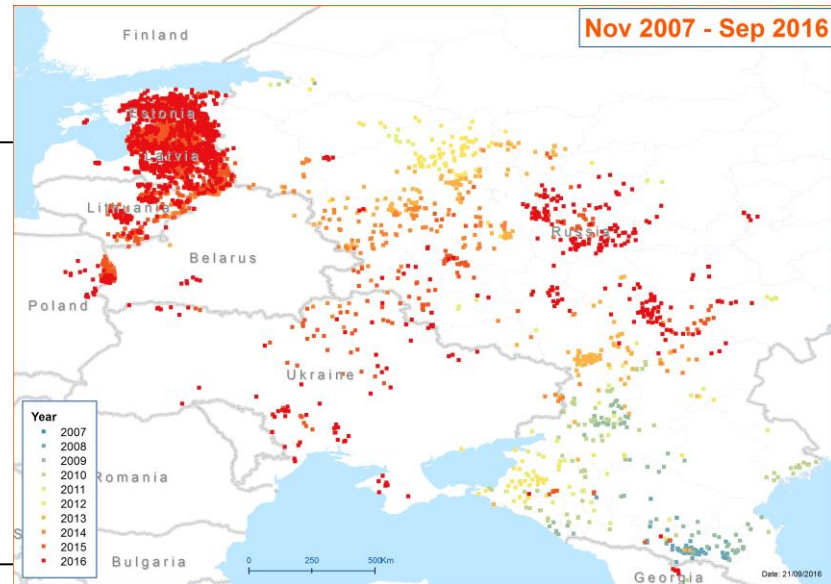


# African Swine Fever

## SCIENTIFIC OPINION

### Scientific Opinion on African swine fever<sup>1</sup>

EFSA Panel on Animal Health and Welfare (AHAW)<sup>2, 3</sup>



## SCIENTIFIC REPORT OF EFSA

### Evaluation of possible mitigation measures to prevent introduction and spread of African swine fever virus through wild boar<sup>1</sup>

## 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)

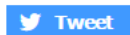


# EFSA AND THE CONTROL OF ASF IN THE EU

## Workshop on harmonisation of data collection



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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

276 510 records

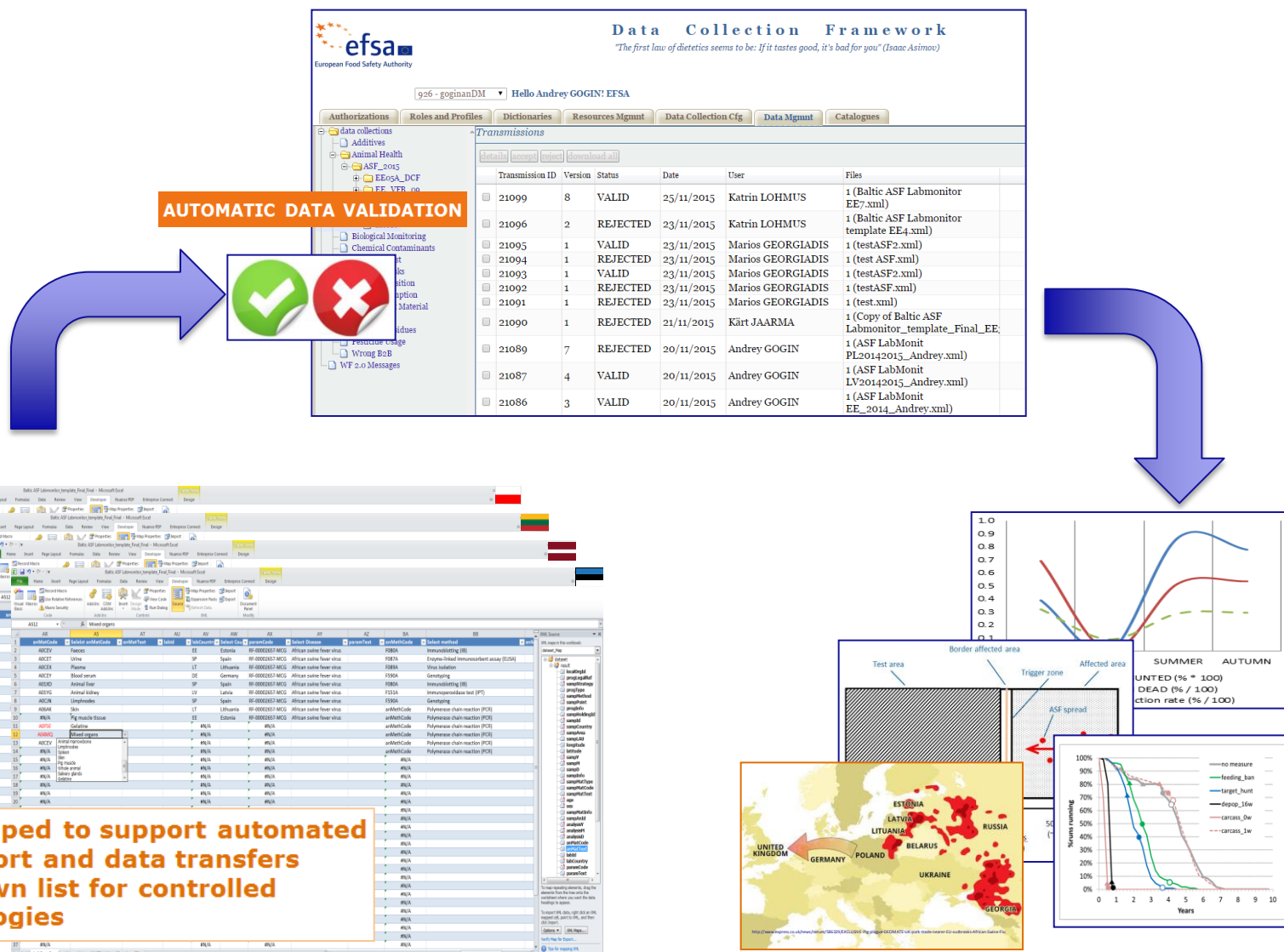
198 103 samples

- ADNS Database

- Populations of susceptible animals
- Human population density
- Environmental data
  - Roads
  - Landcover
  - Forests
  - Wetlands
  - Meteorological parameters



# EFSA DCF FOR LABORATORY DATA COLLECTION



# WORKSHOP ON EPIDEMIOLOGICAL ANALYSIS

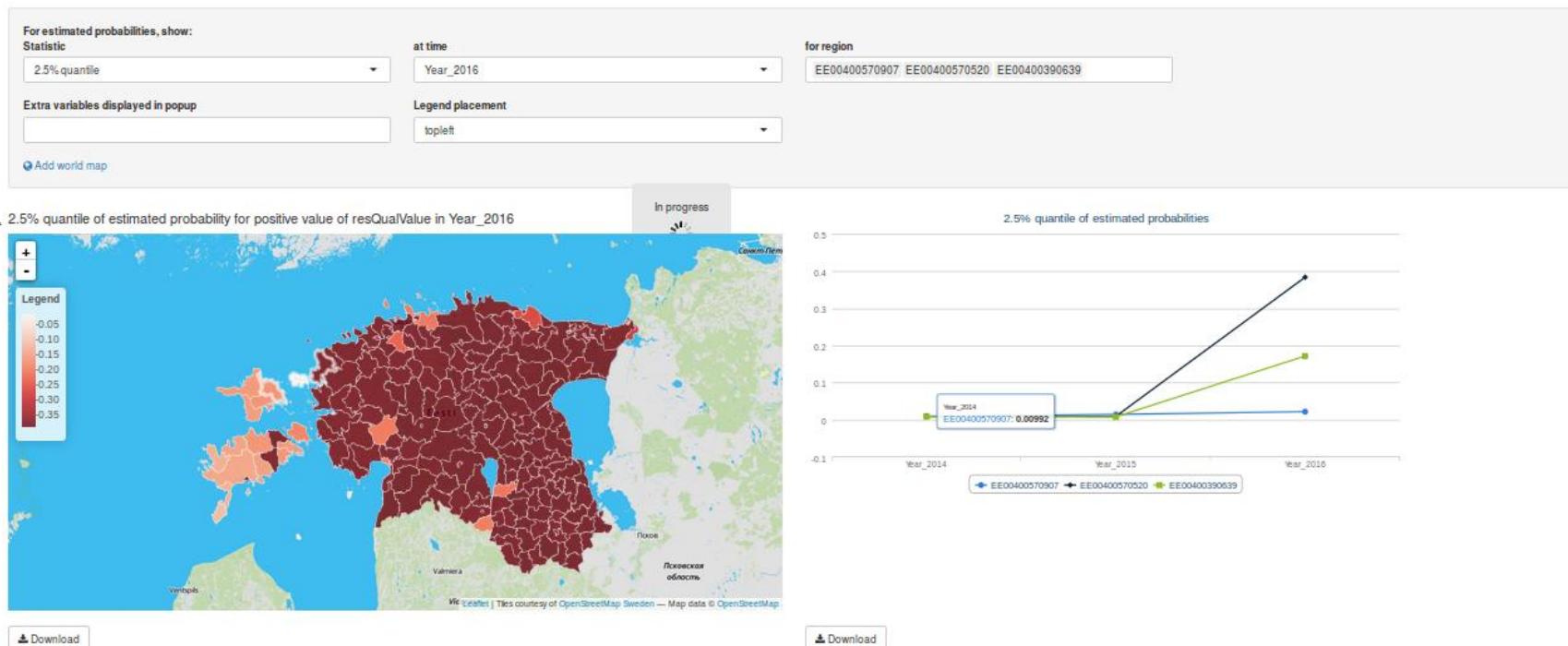
**Riga, 29-30 June 2016**

**Institute of Food Safety**

**Animal Health and Environment-  
BIOR - EFSA Focal Point in Latvia**



Show interactive plots





## Acknowledgements

- AHAW Panel
- Experts
- Member States
- EFSA staff



**Thank you for your attention**