



Update Lumpy skin disease in the EU

**DG SANTE Advisory Group on the
Food Chain, Animal and Plant Health**
Brussels, 25 November 2016

*Andrea Gavinelli, Head of unit
Official controls and eradication of diseases in animals
Directorate-General for Health and Food Safety
European Commission*



European
Commission

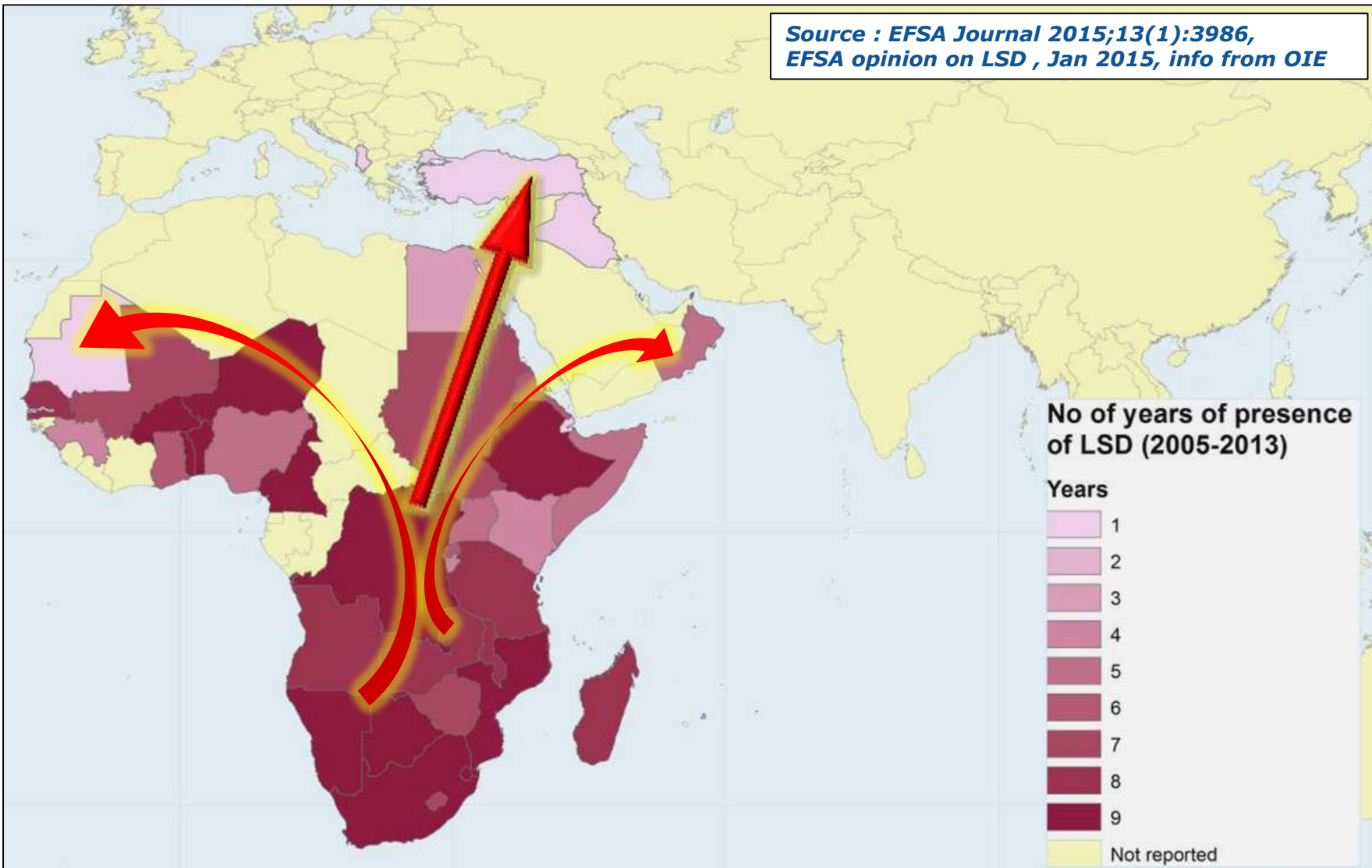
LSD, the disease



- ✓ **Causative agent : Capripoxvirus**
- ✓ **Affects cattle-buffaloes (some exotic wildlife too ?)**
- ✓ **Transmitted mostly by blood feeding insects (other direct –indirect routes possible but less common)**
- ✓ **Signs include fever, skin nodules**
- ✓ **Mortality not very high but may cause serious economic losses (drops in production) especially when introduced into naive population.**
- ✓ **Control measures :**
mass vaccination + stamping out + zoning

Lumpy Skin Disease, 2005 - 2013

Source : EFSA Journal 2015;13(1):3986,
EFSA opinion on LSD , Jan 2015, info from OIE



Recent spread of LSD*

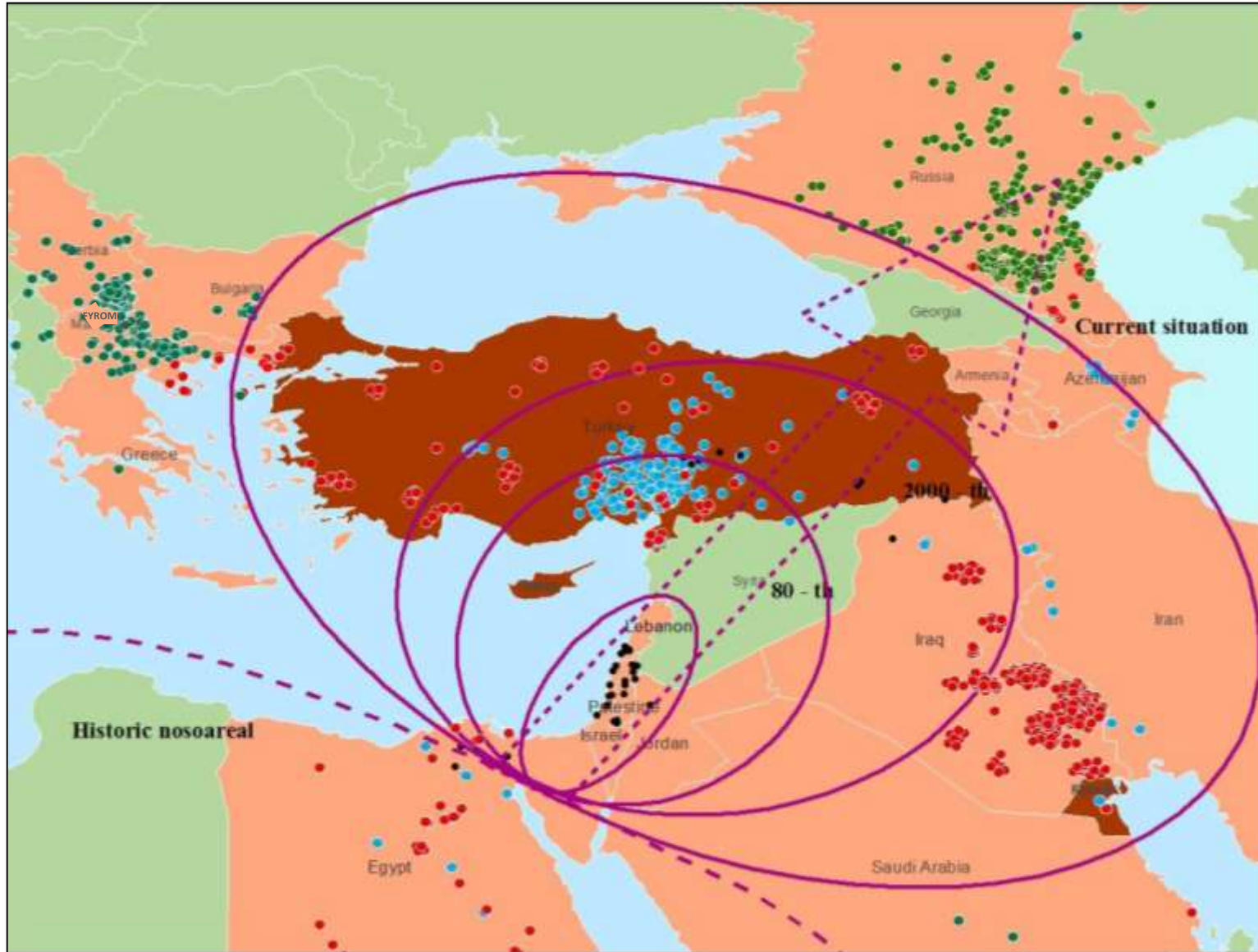
OIE Data as at 12.9.2016

Legend

LSD cases by years:

- 2013
- 2014
- 2015
- 2016

affected countries
according to the OIE data

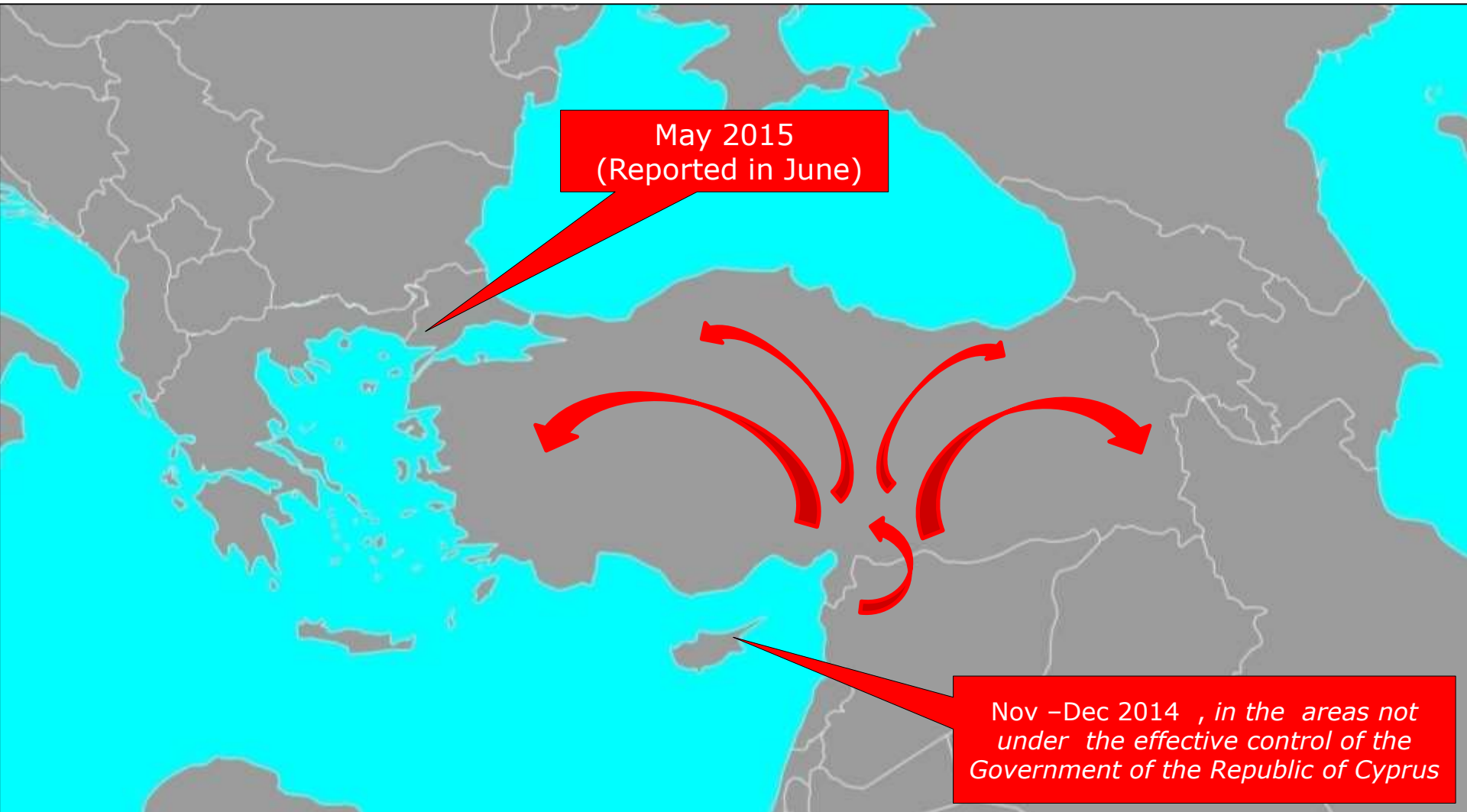


* OIE Data as at 12.9.2016
Info presented at the SGE
LSD2 (21 Sep 2016, Lisbon,
Portugal) - GF TADs

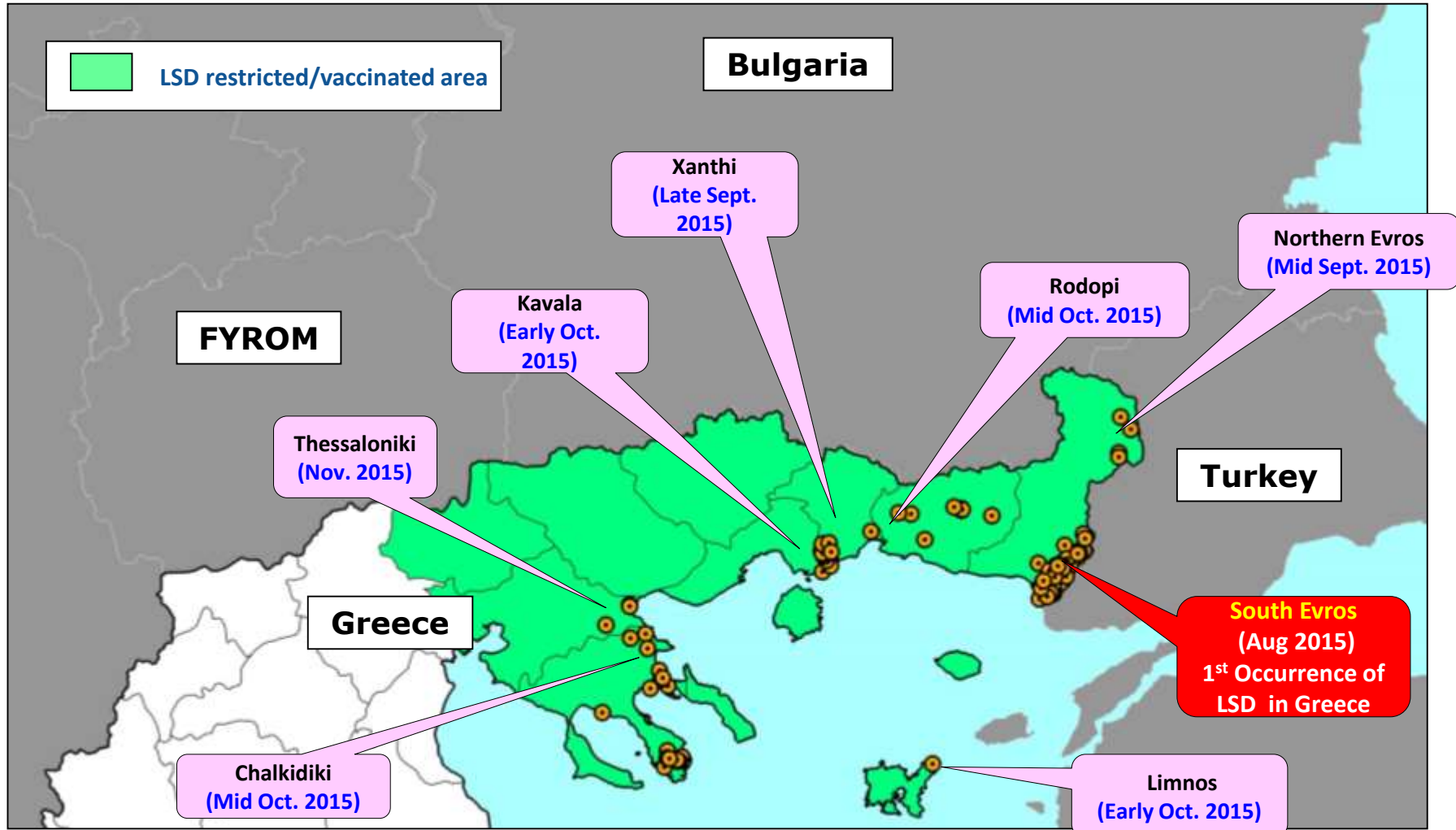


LSD in the EU

LSD situation in 2013 - 2015 Disease spread



LSD in the EU : Greece (Aug-Dec 2015) 117 outbreaks



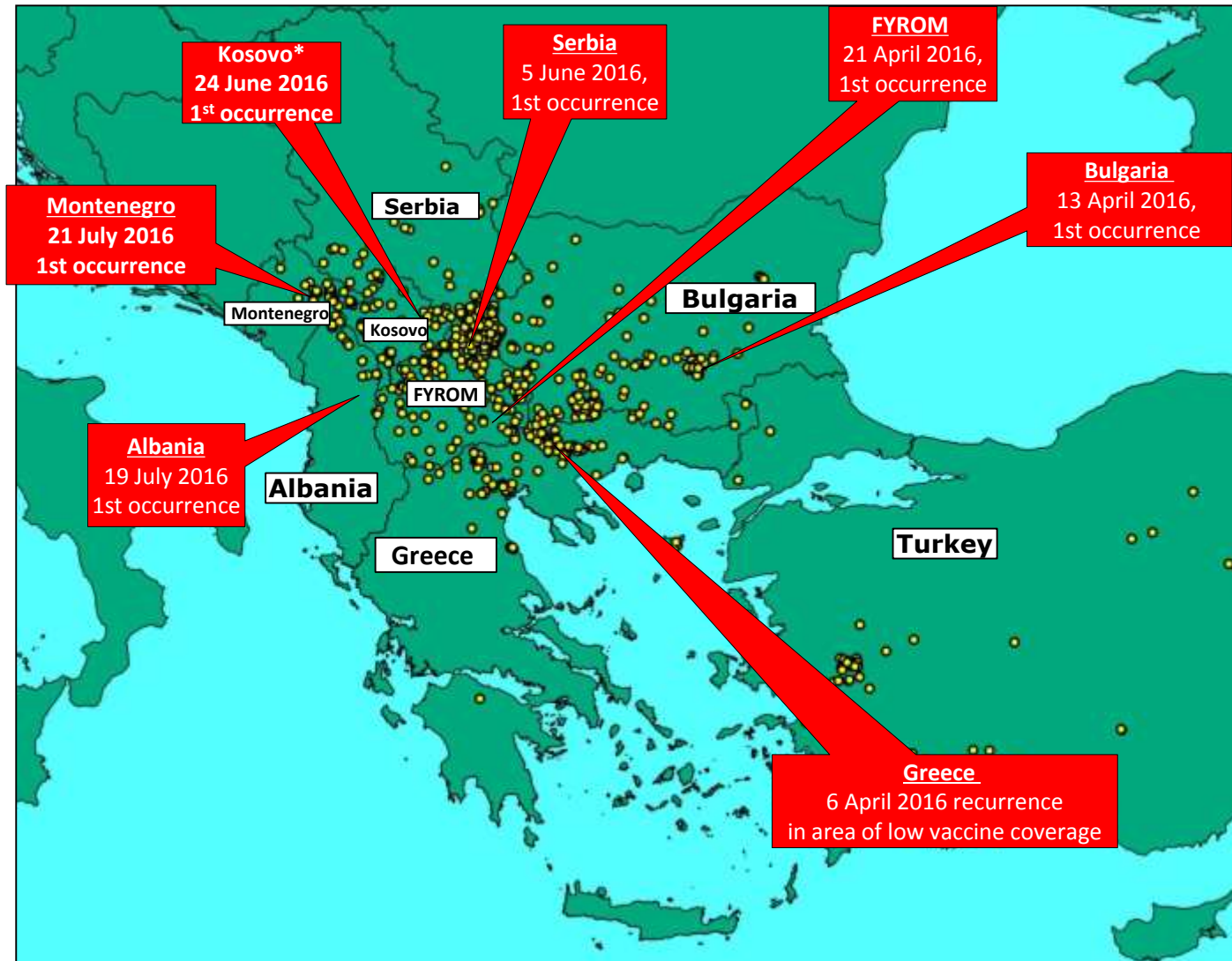
LSD in the EU: January - early November 2016 (ADNS + country reports)

LSD outbreaks in SE Europe (April – Nov 2016)

- Greece : **102**
(last on 9/11/2016)
- Bulgaria : **217**
(last on 1/8/2016)
- FYROM : **1.591**
(Sep report)
- Serbia: **221**
(last on 3/09/2016)
- Kosovo*: **76** (Aug report)
- Montenegro: **> 400**
- Albania: **~ 2.000** (Oct report)

(* This designation is without prejudice to positions on status, and is in line with UNSCR 1244 and the ICJ Opinion on the Kosovo Declaration of Independence).

● LSD outbreaks until Sep 2016 (ADNS)



LSD Situation as at November 2016

- Further spread of LSD to the north or west seems to be halted for this year (vaccination + winter)
- No new LSD outbreaks reported in those affected countries where full vaccination coverage has been achieved
- Disease spread reported from countries with low vaccine coverage (e.g. Albania) , also sporadic cases reported from the former Yugoslav Republic of Macedonia and isolated cases in non-vaccinated animals (e.g. Greece)
- All affected countries where vaccination is still in progress put their efforts to complete their vaccination campaign as soon as possible and achieve high vaccine coverage.

LSD in the EU



LSD vaccination – Situation as at mid Nov 2016

Vaccination completed in:

- Bulgaria
- Greece (Northern part)
- Serbia
- FYROM
- Montenegro
- Kosovo
- Croatia

Vaccination in progress in

- Albania
- Southern part of continental Greece



 Vaccination Completed

 Vaccination in progress

 LSD outbreaks as at 1 Jan -14 Nov 2016 (ADNS)

Policy

- LSD is a **regional problem** requiring international cooperation & coordination;
- We need to be prepared for a **long and persistent fight** against the disease;
- **Mass vaccination** coupled with **stamping out** is the most effective control measure (EFSA urgent advice on LSD);
- Each country, should **enhance preparedness and ensure efficient & timely procurement of sufficient vaccine doses** for the implementation of vaccination programmes;
- We need to establish **special rules for LSD-free countries that implement vaccination as a precautionary measure;**
- **Further research** in needed on LSD (vectors, animal-to-animal transmission , DIVA vaccines etc).

Recent Activities

- Ministerial Conference on Lumpy Skin Disease (8-9 Sep 2016, Sofia-Bulgaria)
- PAFF Committee, new EU rules on LSD to replace the ones in place now (13-14 Sep 2016 , Brussels)
- Appointment of EU Reference Laboratory for Diseases caused by Capripox viruses – LSD (Sep 2016)
- Submission of vaccination programmes by EU Member States (either affected or not by LSD) for Commission assessment-approval.
- Two Commission Decisions voted in September and adopted on 15 November by the PAFF Committee



New!



Two Decisions adopted 15 November (1)

Official Journal of the European Union

COMMISSION IMPLEMENTING DECISION (EU) 2016/2008

of 15 November 2016

concerning animal health control measures relating to lumpy skin disease in certain Member States

(notified under document C(2016) 7023)


Official Journal of the European Union

COMMISSION IMPLEMENTING DECISION (EU) 2016/2009

of 15 November 2016

approving the vaccination programmes against lumpy skin disease submitted by the Member States

(notified under document C(2016) 7219)



(2) The two Decisions introduce:

- **Uniform measures** for LSD across the EU
- **Simplification**, no country specific decisions
 - More simplified rules for vaccination (Annex II)
- Lifting – refining of measures related to **safe / low risk products**
 - **meat** : soon to be classified as a safe commodity in the new OIE chapter for LSD
 - **milk** : pasteurisation required only when destined for animal feed
- Establishment of **specific rules for non-infected countries/zones** implementing **vaccination as a precautionary measure.**
- **Transit rules** (disinfection and treatment of vehicles with disinfectant/ insecticides, vector protection measures for animals)



European
Commission

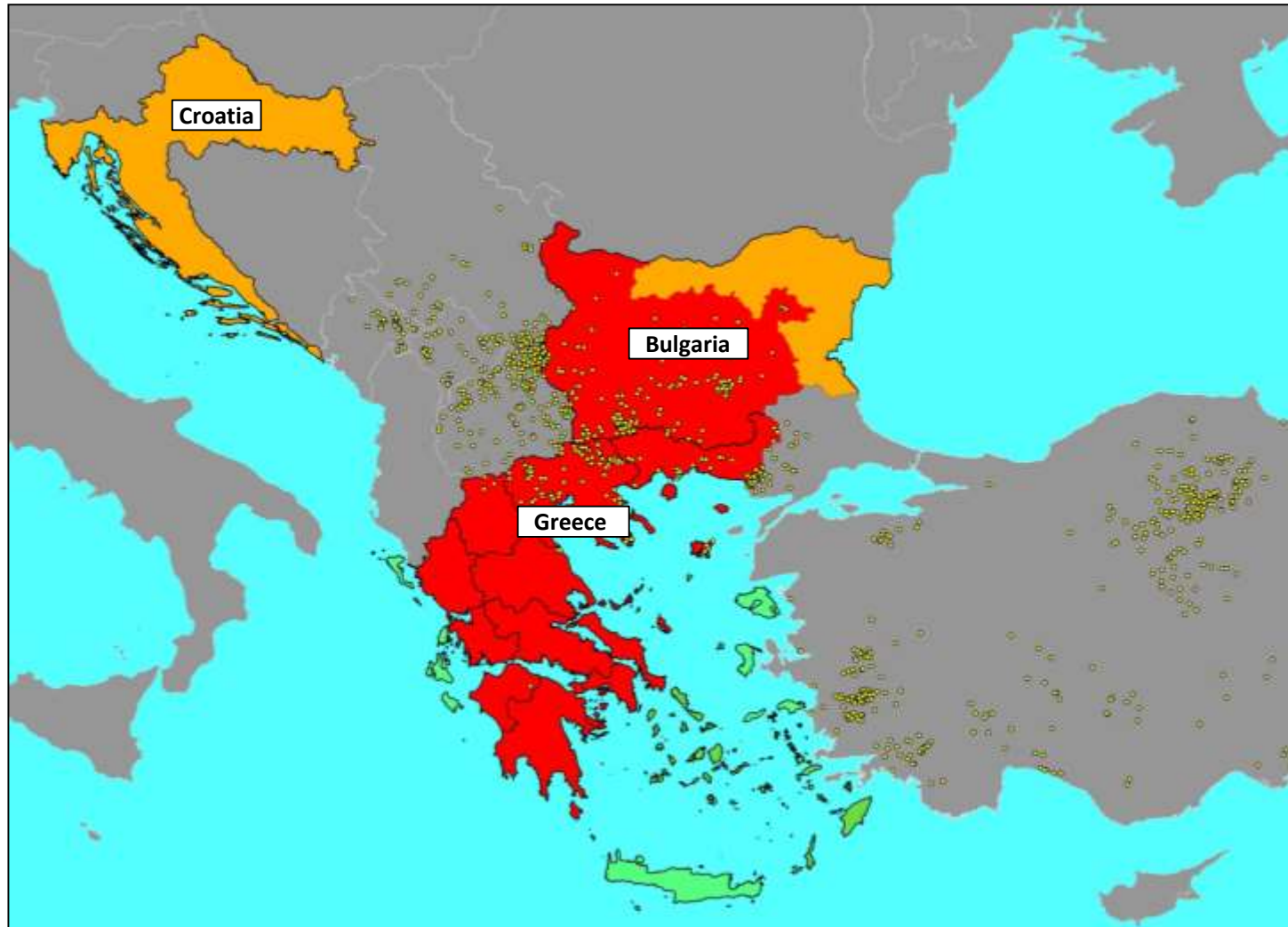
LSD zoning (new LSD Decisions voted in PAFF 13-14 Sep 2016)

Free zones with Vaccination (Part I):

- Croatia
- Bulgaria (certain areas in the North and East part)

Infected zones (Part II):

- Continental Greece (including the island of Limnos)
- Bulgaria (excluding the "free with vaccination" zones)



Free with
Vaccination zone

Infected zone

LSD outbreaks
2015 - 2016 (ADNS)



EU Vaccine Bank for Lumpy Skin Disease

Created on April 2016 to support the initial stages of an LSD vaccination campaign

Country	Number of doses granted	Delivery date
Bulgaria	150.000	April 2016
Greece	100.000	April & July 2016
the former Yugoslav Republic of Macedonia	50.000	May 2016
Serbia	50.000	June 2016
Kosovo*	25.000	July 2016
Albania	25.000	July 2016
Montenegro	25.000	July 2016
Croatia	50.000	Sep 2016

475.000 doses of LSD vaccine
already granted to various countries



European
Commission

LSD future activities - priorities

- LSD vaccine bank:
Procedures for expansion – replenishment in progress
- GF TADs : 3rd meeting of the Standing Group of Experts on Lumpy skin disease for South-East Europe -SGE LSD3
(12 and 13 December 2016, Istanbul / Turkey)
- EFSA : request submitted by DG SANTE for updated epidemiological analysis of the LSD data (MS affected ± at risk & third countries)
(2 reports expected, Jan 2017 and Jan 2018)



European
Commission

THANK YOU !!!!