



HELLENIC REPUBLIC  
MINISTRY OF RURAL DEVELOPMENT AND FOOD  
DIRECTORATE GENERAL OF SUSTAINABLE ANIMAL PRODUCTION & VETERINARY MEDICINE  
ANIMAL HEALTH DIRECTORATE



**Lumpy Skin Disease in Greece**  
***Update Situation***  
***as at 30 November 2015***

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## **Lumpy Skin Disease in Greece** **as at 30 November 2015**

- On **20<sup>th</sup> of August 2015** the first outbreak of LSD in Greece was confirmed in Evros Regional Unit within Evros river Delta in 2 bovine holdings (beef cattle), free ranging

- **Until previous PAFF Committee (9.11.2015) 98 Outbreaks** had been confirmed:

64 Evros

17 Xanthi

4 Rodopi

1 Kavala

1 Limnos Island

11 Chalkidiki

- **Until this PAFF Committee (30.11.2015) 111 Outbreaks** have been confirmed:

64 Evros

18 Xanthi

7 Rodopi

1 Kavala

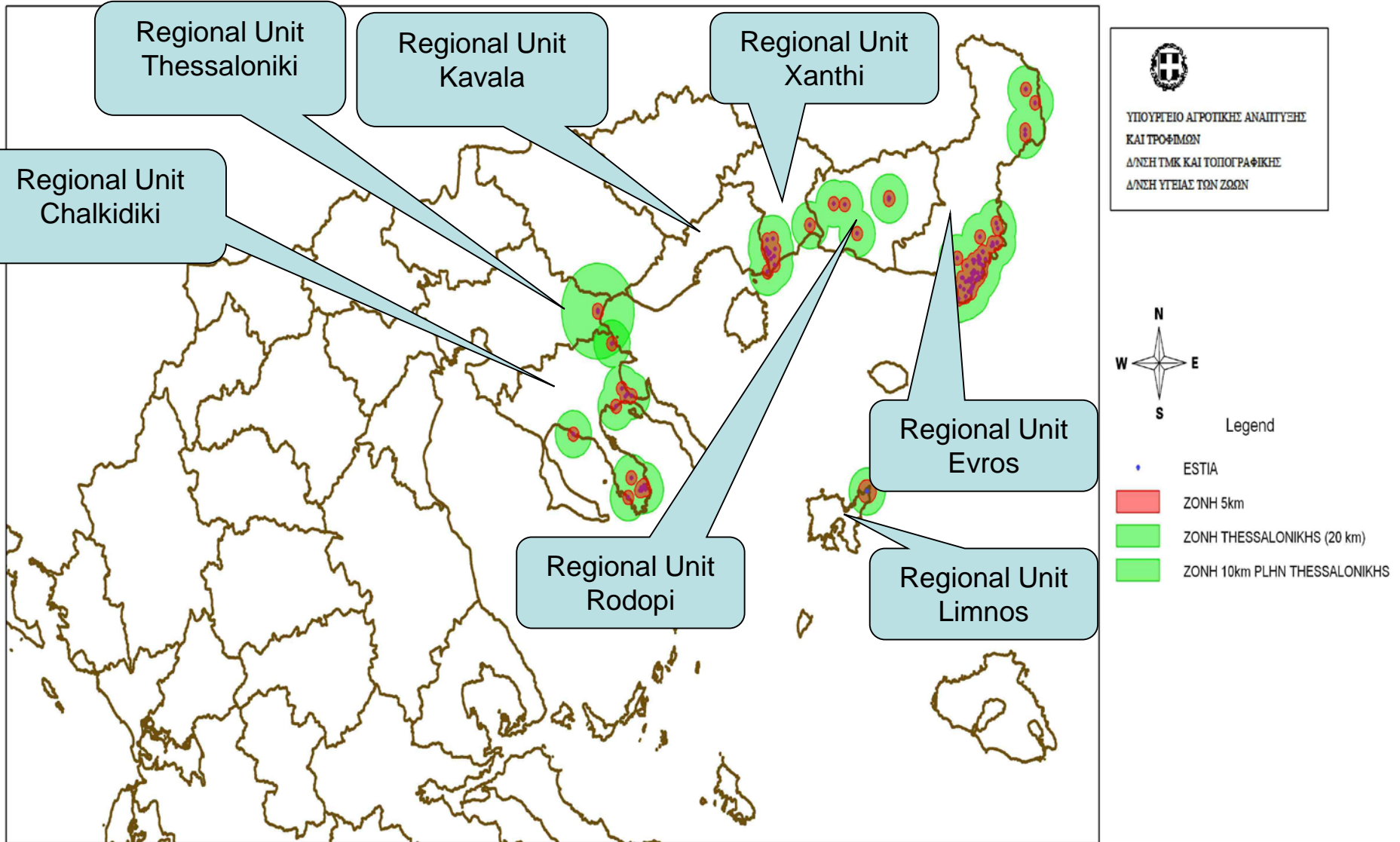
1 Limnos Island

18 Chalkidiki

2 Thessaloniki

- **Total number of culled/destroyed animals: 5.646 (Mortality 0,44% - Morbidity 1,9%)**
- **Total number of Vaccinated Animals: 88.142**

# LSD in Greece - An overview (as at 30.11.2015)



# Lumpy Skin Disease in Greece: **Measures in place**

## Control Measures as described in Directive 92/119/EEC

- Surveillance & Protection zones
- Stamping out
- Movement Controls
- Sanitary Burial on the spot etc

Measures as described in Commission's Implementing Decision (EU) 2015/1500 as amended with  
The new Commission's Implementing Decision (EU) 2015/2055 in areas where the vaccination is carried out

- **Emergency vaccination** is implemented to all susceptible species (cattle, buffaloes) in Regional Units of Evros, Rodopi, Xanthi and Kavala, as supplementary to control measures

# Lumpy Skin Disease in Greece – Emergency vaccination- General Aspects 1

- The stamping out policy alone is not sufficient to stop disease spread
- The vaccination is compulsory in the total bovine population of a Regional Unit which has been characterized as Restricted Area (with or without outbreaks)
- The whole procedure of vaccination is under the control of the official veterinary authorities (delivery at the airport, storage, distribution, vaccination, destroy of residual quantities)

# Lumpy Skin Disease in Greece –

## Emergency vaccination- General Aspects 2

- We decided to further implement vaccination program in other areas (i.e. Thessaloniki and free area of Kilkis) because of their high bovine population, density and proximity to Chalkidiki (at least for Thessaloniki)
- The confirmation of disease outbreaks in the Regional Unit of Chalkidiki has led us to implement program of emergency vaccination in this Regional Unit
- The vaccination program has been planned to start along the natural border of Axios river, especially from west to east, in order to cover the territories of the above Regional Units and to prevent further spreading of the disease to the rest of the country

## Lumpy Skin Disease in Greece – Emergency vaccination- General Aspects 3

- On **11.11.2015** in Vrasna village, situated in the Regional Unit of Thessaloniki northern to the affected area of Regional Unit of Chalkidiki, a new outbreak was confirmed in a holding with 75 free grazing bovine animals .
- After this outbreak, we decided to enlarge the area where vaccination would be implemented, including the Regional Units of Serres, Drama and Kilkis.
- The drawing up of the emergency vaccination program and its implementation depends on the categorisation of risk assessment carried out for each area and the availability of vaccine doses
- There are three different sources of payment for obtaining vaccines:
  - payment by farmers
  - payment by Regional Unit budget
  - payment by Ministry of Rural Development and Food

## **Lumpy Skin Disease in Greece**

### **Safeguard measures throughout the country**

- Activation of national contingency plan throughout the country, is still in place!

#### **From 11 November 2015 to 31 December 2015**

- The movements of bovine animals for breeding and fattening have been stopped across the country. Only bovine animals are authorised to be moved for slaughter to the nearest slaughterhouse without any stopping or unloading.



# Lumpy Skin Disease in Greece (Regional Unit of Evros)

## Disease Incidents

- Date of last outbreak in S. Evros 2 October 2015
- Date of last outbreak N. Evros 23 October 2015
- Date of starting vaccination 5 Sept 2015
- **By 30 November 2015 no suspicions have been identified**

## Vaccination Results

Vaccination Campaign in RU of EVROS: Completed on 2/10/ 2015			
	Date of starting Vaccination	Date of completing Vaccination	% Vaccinated Animals
Regional Unit of Evros	5/09/2015	2/10/2015	* 100%

*\* 4 holdings left (118 animals) - vaccination completed on 15th October 2015*

*Total vaccinated animals in Regional Unit of Evros  $\approx$  14.541*

## Lumpy Skin Disease in Greece (Regional Unit of Xanthi)

### Disease Incidents

- Until now **18 outbreaks** have been confirmed
- The 1<sup>st</sup> outbreak occurred close to the borders with the Regional Unit of Rodopi, but the following 17 were located within the same area, close to Delta of river Nestos on the borders of Regional Unit of Kavala
- **Date of last outbreak 5 November 2015**

### Vaccination Results

<b>Vaccination in Xanthi : in progress</b>			
	<b>Date of starting Vaccination</b>	<b>Date of completing Vaccination</b>	<b>% Vaccinated Animals</b> (until 25 November2015)
<b>Regional Unit of Xanthi</b>	26/9/2015	In progress	82 %*

*\*Animal population left is mainly on the mountainous areas*

# Lumpy Skin Disease in Greece (Regional Unit of Kavala)

## Disease Incidents

- Until now **1 outbreak** has been confirmed on **1<sup>st</sup> of October 2015**

## Vaccination Results

<b>Vaccination in Kavala: in progress</b>			
	<b>Date of starting Vaccination</b>	<b>Date of completing Vaccination</b>	<b>% Vaccinated Animals</b> <small>(until 25 November 2015)</small>
Regional Unit of Kavala	<b>1/10/2015</b>	<b>In progress</b>	<b>79% *</b>

*\*Animal population left is mainly on the mountainous areas*

# Lumpy Skin Disease in Greece (Regional Unit of Rodopi)

## Disease Incidents

- Total number of outbreaks: 7
- Date of first outbreak 14.10.2015
- Date of last outbreak 10.11.2015

## Vaccination Results

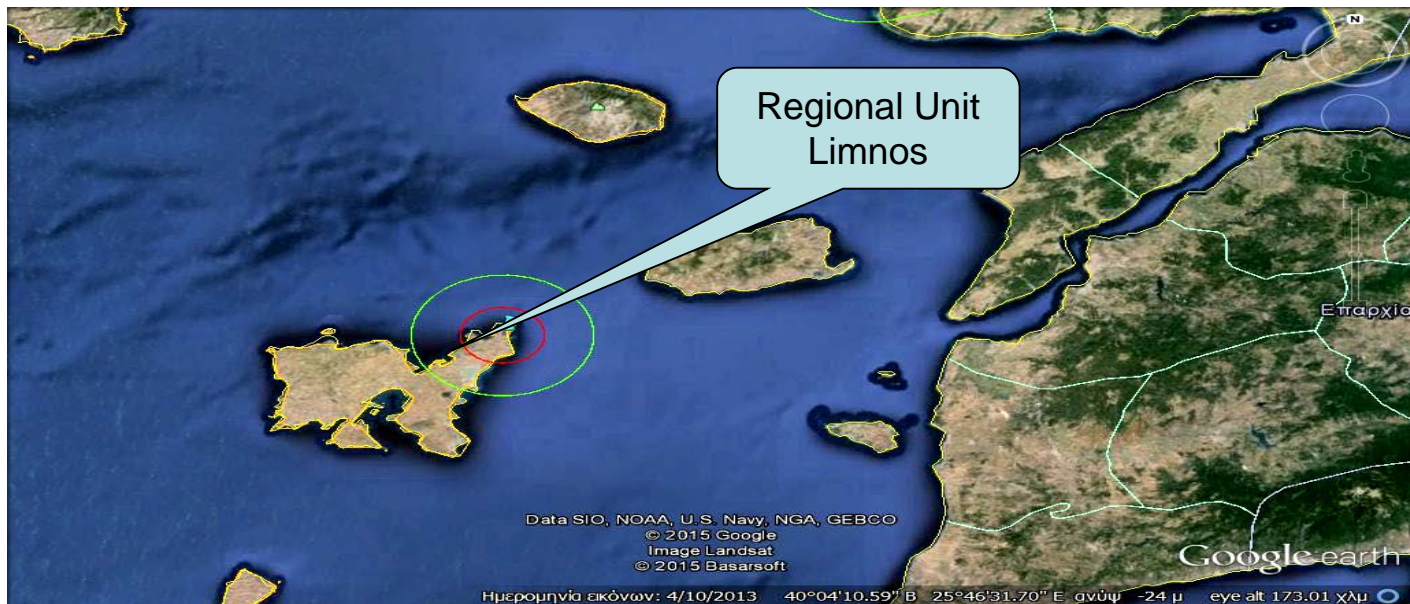
Vaccination in Rodopi : In progress			
	Date of starting Vaccination	Date of completing Vaccination	% Vaccinated Animals (until 26 November 2015 )
Regional Unit of Rodopi	26/09/2015	in progress	87 %*

*\*Animal population left is mainly on the mountainous areas*

# Lumpy Skin Disease in Greece (Regional Unit of island Limnos)

## Disease Incidents

- Until now **1 outbreak** has been confirmed on **7<sup>th</sup> of October 2015**



**No vaccination program is implemented in this Regional Unit, given that Limnos is an island with low density of bovine population and the farm where the outbreak was found is an isolated one**

# Lumpy Skin Disease in Greece (Regional Unit of Chalkidiki)

## Disease Incidents

- On 14 October the 1<sup>st</sup> primary outbreak in Regional Unit of Chalkidiki was confirmed in Ierissos on the third “leg” of the peninsula and since then 5 secondary outbreaks were identified in the same area of Ierissos and 12 secondary ones on the second “leg” of the peninsula
- Until today total number of outbreaks: 18
- **Date of last outbreak 18.11.2015**

## Vaccination Results

Vaccination in Chalkidiki : In progress			
	Date of starting Vaccination	Date of completing Vaccination	% Vaccinated Animals (until 25.11. 2015)
Regional Unit of Chalkidiki	25/11/2015	in progress	7,32 %

# Lumpy Skin Disease in Greece (Regional Unit of Thessaloniki)

## Disease Incidents

- On 11 November the 1<sup>st</sup> primary outbreak in Regional Unit of Thessaloniki was confirmed at village Vrasna 16 klm far from Ierissos area of Chalkidiki, in a holding with 74 free grazing bovine animals kept for meat production
- On 25 November the second outbreak in Regional Unit of Thessaloniki was confirmed at the same village Vrasna.

## Vaccination Results

<b>Vaccination in Thessaloniki : In progress</b>			
	<b>Date of starting Vaccination</b>	<b>Date of completing Vaccination</b>	<b>% Vaccinated Animals (until 25.11.2015)</b>
Regional Unit of Thessaloniki	13/11/2015	in progress	26,7 %

*The surveillance zone of affected holdings is extended to the territory of neighbouring Regional Unit of Serres*

**Lumpy Skin Disease in Greece:  
Measures in place in Regional Unit of Thessaloniki**

**Control Measures as described in Directive 92/119/EEC**

- Protection zone (radius 5 km) and Surveillance zone (radius 20 km)
- Stamping out
- Movement Controls
- Sanitary Burial on the spot etc

**Measures as described in Commission's Implementing Decision (EU) 2015/1500  
as amended with**

**The new Commission's Implementing Decision (EU) 2015/2055 in areas where the  
vaccination is carried out**

- **Emergency vaccination** is implemented to all susceptible species (cattle, buffaloes), in Regional Unit of Thessaloniki, Kilkis and Chalkidiki, as supplementary to control measures.



## Lumpy Skin Disease in Greece

### Current situation in Regional Units of Serres, Kilkis & Drama

- Until today **no outbreaks** have been detected
- Due to their location, **Serres, Kilkis & Drama** have been designated as **restricted areas** according to the Implementing Decision 2015/2055
- Relevant decisions have been issued by local Veterinary service and emergency vaccination programs have been started on 18th November for Serres & Kilkis and on 16<sup>th</sup> November for Drama
- The vaccine doses are not enough to cover all the bovine population

# Lumpy Skin Disease in Greece

## Situation in Regional Units of Serres, Kilkis & Drama

### Especially for Serres:

- The prioritisation of vaccination program is the coverage of the big dairy farms and holdings within extended surveillance zone of infected holding in Thessaloniki
- The vaccine doses have been paid by the farmers and dairy industry
- Until now 10,04% out of existing number of animals have been vaccinated  
*(Starting date of vaccination: 18.11.2015)*

### Especially for Kilkis:

- The prioritisation of vaccination program is the coverage of the area close to Thessaloniki (due to the outbreak in Thessaloniki) and also to the holdings close to river and lakes
- The vaccine doses have been paid by the farmers and the Ministry of Rural Development & Foods
- Until now 12,29% out of existing number of animals have been vaccinated  
*(Starting date of vaccination: 18.11.2015)*

### Especially for Drama:

- The prioritisation of vaccination program is the coverage of big dairy farms within the Regional Unit
- The vaccine doses have been paid by the farmers and the rest will be covered by Regional Unit budget
- Until now 13% out of existing number of animals have been vaccinated  
*(Starting date of vaccination: 16.11.2015)*

**Thank you for your  
attention !!!**