



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



**Standing Group of Experts on Lumpy Skin Disease
in Europe**
under the GF-TADs umbrella

Greece

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Directorate**

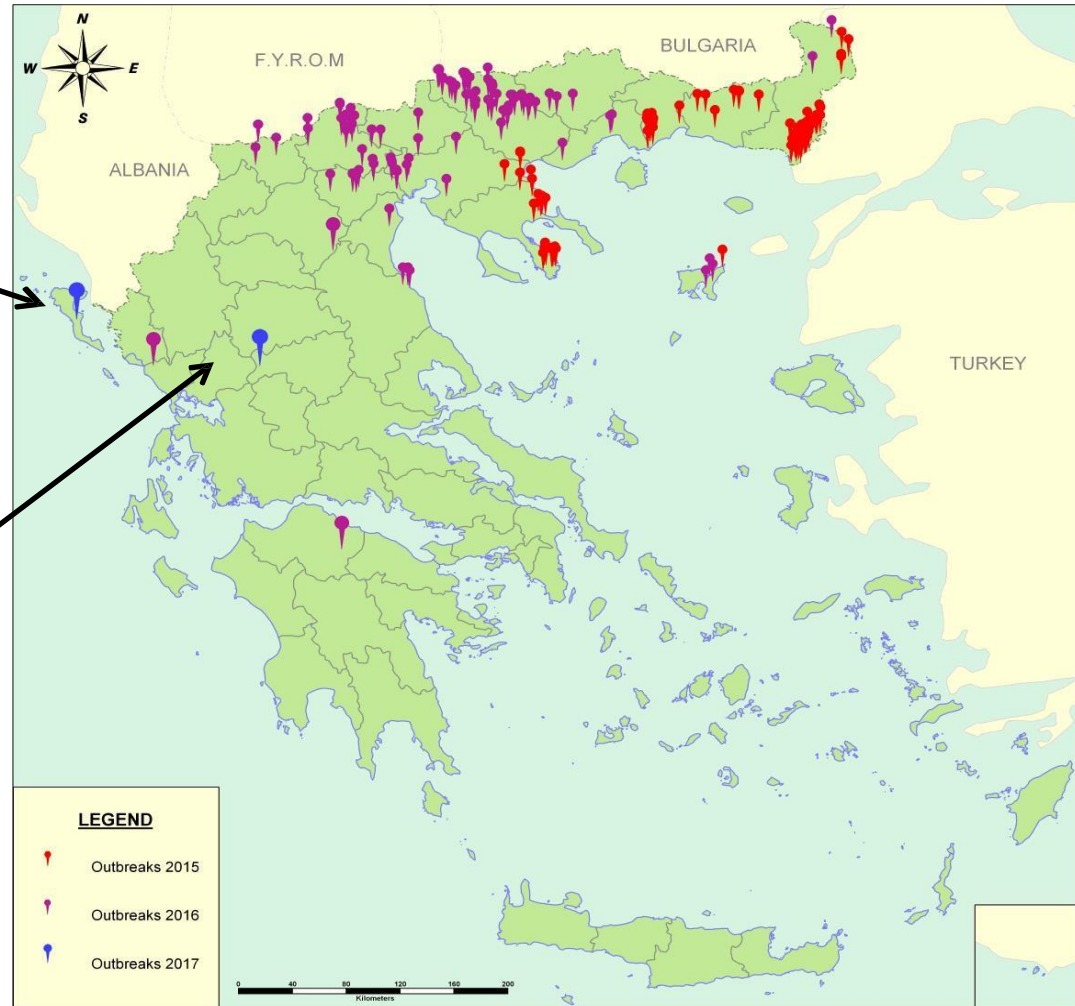
**Seventh Meeting (SGE LSD7)
October 2018**

LSD epidemiology

Last LSD outbreaks - March and August 2017 –
no outbreaks in 2018

Kerkira (Corfu) Island
02/03/2017

Karditsa Regional Unit
11/08/2017



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Control measures applied in case of outbreaks

Legal Framework for measures and actions

European Law: Directive 92/119

National Law: Presidential Decree No 138/1995

National Contingency Plan: Ministerial Decision No 258933/18-8-2008

Measures according to Dir. 92/119

- Total Stamping out
- Zoning: protection at least 3km
surveillance at least 25km
- Cleansing and Disinfection
- Vaccination extended also to the
islands in 2017

Measures according to Nat. Cont. Plan

- Extendance of measures outside zones to
the rest RU, as long as zones are in force
- Prohibition of animal movements and
trade activities
- Permission of direct slaughter to the
slaughterhouses within the RU but outside
the zones

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Control measures and activities applied in total Greek territory

➤ **Official Certification** by the Local Veterinary Authorities for bovine animals movements **within the Country, requiring** clinical examination

➤ **Channeling procedure** according to article 12 of EU Decision 2016/2008

➤ **Clinical surveillance for LSD** in the framework of veterinary activities:

- Control and Eradication programs (Brucellosis, Enzootic Leucosis, Tuberculosis) mainly carried out by official vets:

in 2017 approx. 157.494 bovines

- Slaughterhouses: Ante mortem and post mortem inspection carried out by official veterinarians

in 2017, 131.265 bovines

- LSD vaccination, 64.07 % carried out by official vets:

in 2017, 534.837 bovines vaccinated

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Control measures and activities applied in High Risk Areas

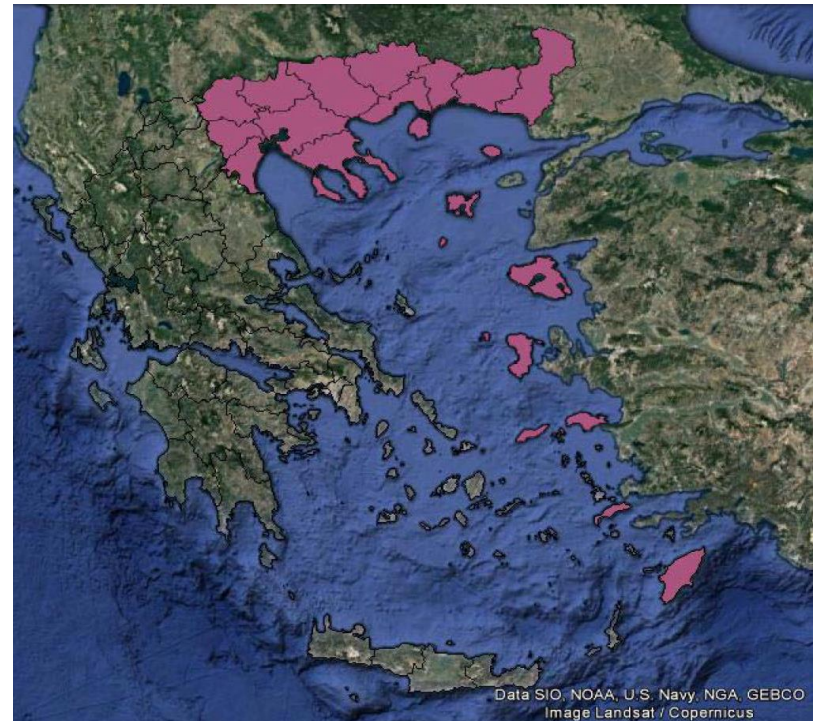
2017-2018 Exotic Diseases Program

GRANT DECISION SANTE/EM/AH/2017/10529/EXOTIC DISEASES/EL

➤ Clinical surveillance for LSD and FMD :

- **2017:** 3754 clinical tests in bovines
3 suspicious (April-Zakynthos, October-Kos, November-Evritania)
- **2018 (until August 2018):**
32.909 clinical tests in bovines

No suspicious neither outbreaks of LSD have been identified



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Vaccination Coverage in Greece

Greece uses directly data extracted from **2 National Data Bases**: the database on **Bovine Population (calves included)** and the database on **LSD Vaccination**.

- a) **Database on Bovine Population**: The number of animals registered is higher than the existing .
- b) **Database on Vaccination** : The number of vaccinations registered is less than the **actually** vaccinated animals due to the delay on registration of vaccination.
- c) Total Bovine population includes also, **calves younger than 4 months** and **younger than 6 months** coming from vaccinated cattle which are **immunized but** not vaccinated and they are not included in the number of vaccinated animals, estimated as **3.92%** and **6,97%** of the total bovine population respectively.

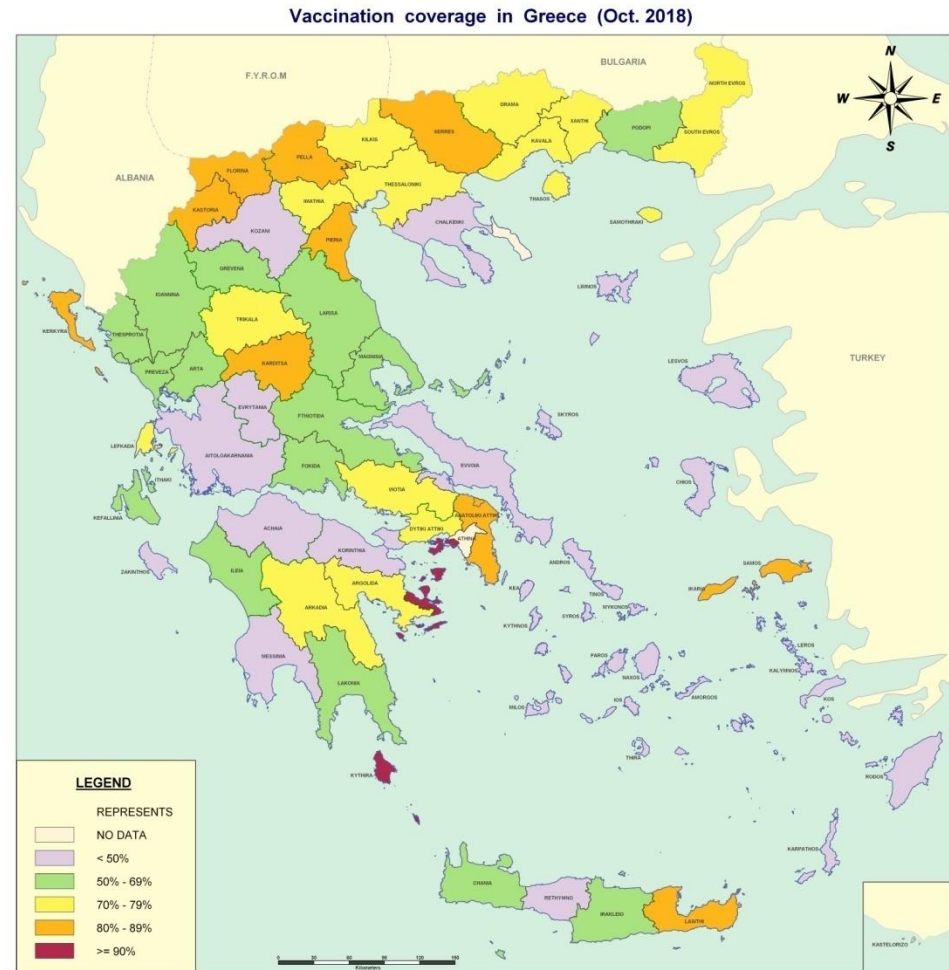


Vaccination coverage is underestimated

Observation of the immunized animals (animals vaccinated and young calves protected by maternal antibodies)

LSD Vaccination Campaigns in Greece - progress (Oct. 2018)

This map illustrates only animals in Rus actively immunized following vaccination ,but not the total Number of animals passively immunized ,due to presence of maternal antibodies



LSD Vaccination Campaigns in Greece - progress (Oct. 2018)

This map illustrates **all** immunized animals **in RUs** (including those protected by maternal antibodies)



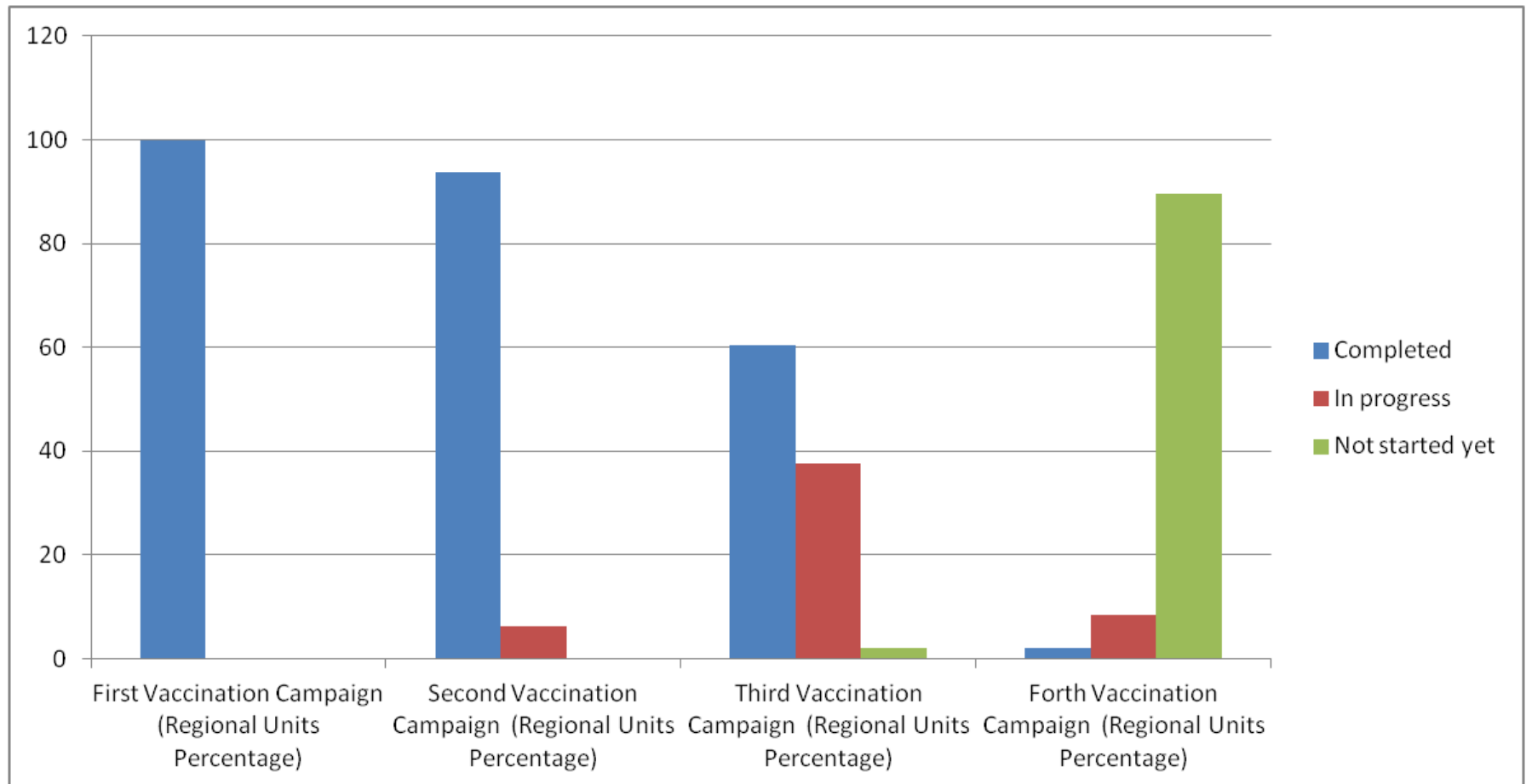
Vaccination Coverage in Greece (Octob. 2018)

Based on data extracted directly from databases:

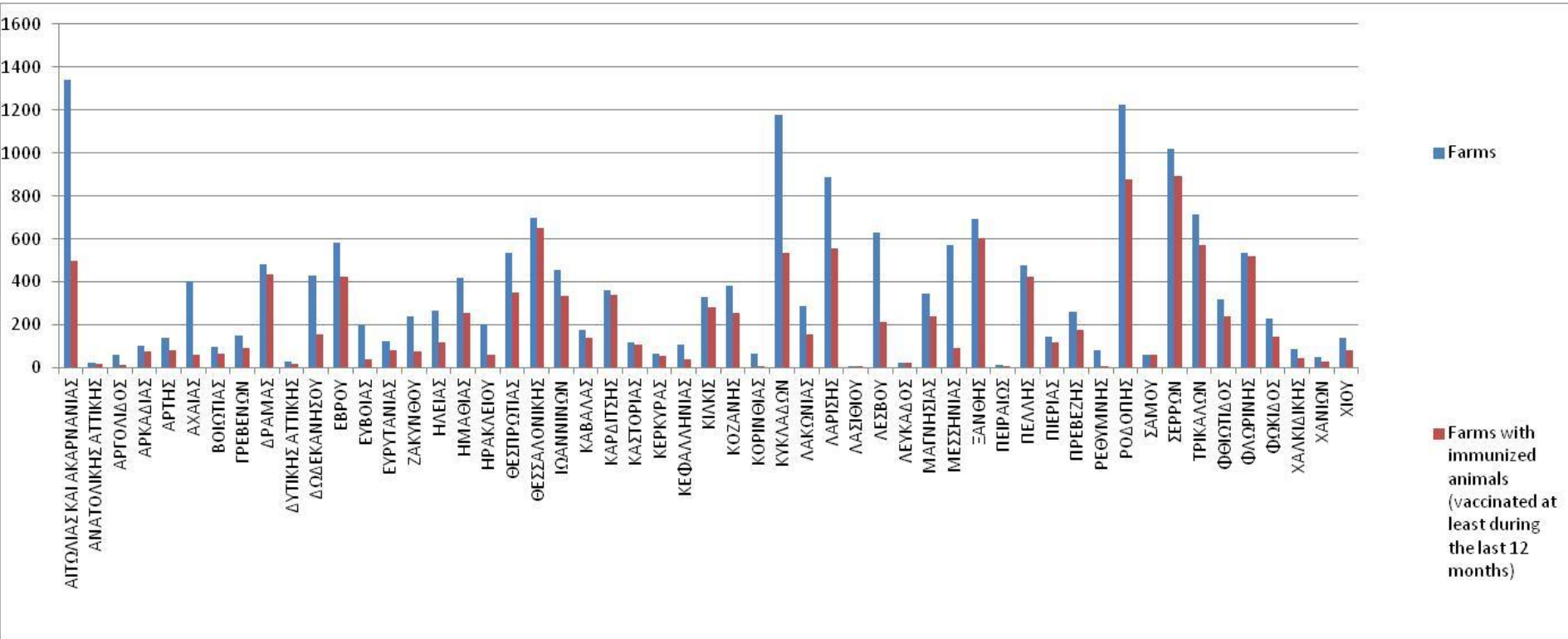
- The current population in Greece, is **723.696 bovines** (calves included)
 - **63.91 %** of these animals have been vaccinated within the last 12 months and **remain within the immunity period**
 - **3.92%** and **6.97%** of the total bovine population are the unvaccinated calves, **younger than 4 months** or **younger than 6 months born from vaccinated cattle**, respectively
- Coverage = 63.91% + 3.92 or 6.97 % (unvaccinated calves < 4 or < 6 months, from vaccinated cattle) = 67.83% to 70.89 %**



LSD Vaccination Campaigns in Greece - progress (Oct. 2018)



Immunization coverage at farm level



Entire Greece: 63.31%

Vaccination plan for 2018-2019

Vaccination is in progress for 2018 in total Greek Territory

- **Central procurement of the total amount of the vaccines needed, by the Ministry of Rural Development and Food is in progress- vaccines will be delivered up to the end of 2018**
- **The tender is for two years vaccination campaigns - offers submitted until 18.10.2018**
 - 600.000 doses for the first year(including 600.000 doses for 2019.The first 200.000 doses will be delivered 30 days at the latest ,following signature of the contract.

Vaccines from EU BANK were provided in summer 2018: 100.000 doses

- **15 seasonal veterinarians recruited in RUs for the needs of LSD vaccination program (including clinical examinations)**



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HELLENIC REPUBLIC
MINISTRY OF RURAL DEVELOPMENT AND FOOD
DIRECTORATE GENERAL OF
VETERINARY SERVICES
ANIMAL HEALTH DIRECTORATE
DEPARTMENT OF INFECTIOUS AND PARASITIC DISEASES

Thank you for your attention!

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