



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

Fifth meeting (SGE LSD5)
Budva, Montenegro, 19-20 October 2017

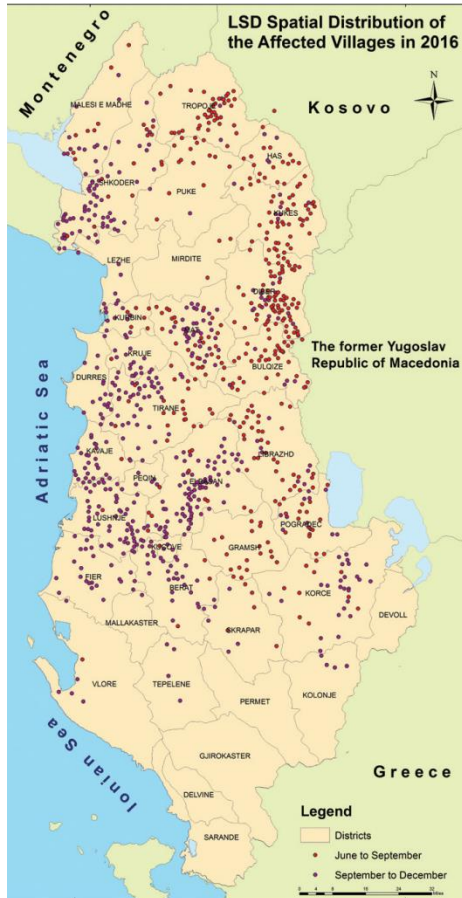
Report by ALBANIA





LSD epidemiology – evolution since the SG4

LSD OUTBREAKS 2016



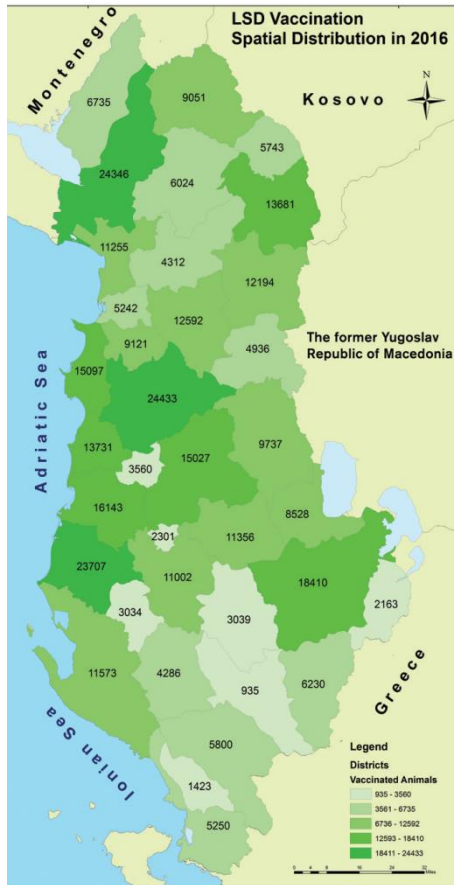
Spatial distribution of villages affected by LSD in 2016

- First outbreak reported 6 July 2016.
- The disease spread quickly.
- Showing a declining trend end of 2016.
- Total LSD outbreaks 3.568 on farms and in 948 of 3.000 villages in 30 of 36 Albania's districts.
- Morbidity was estimated at 42% and mortality at 12%.
- Subsistence farms were predominantly affected.

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LSD epidemiology – evolution since the SG4



Spatial distribution of LSD vaccination, by district in 2016

VACCINATION 2016

- ✓ 75.000 doses of LSD vaccine donated from the EU LSD vaccine bank.
- ✓ 480.000 doses provided by the Government of Albania.
- ✓ The Government replace 1912 dead animals affected by LSD with improved-breed Jersey and Holstein heifers.

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LSD epidemiology – evolution since the SG4



Spatial distribution of villages affected by LSD from May to August 2017

LSD OUTBREAKS 2017

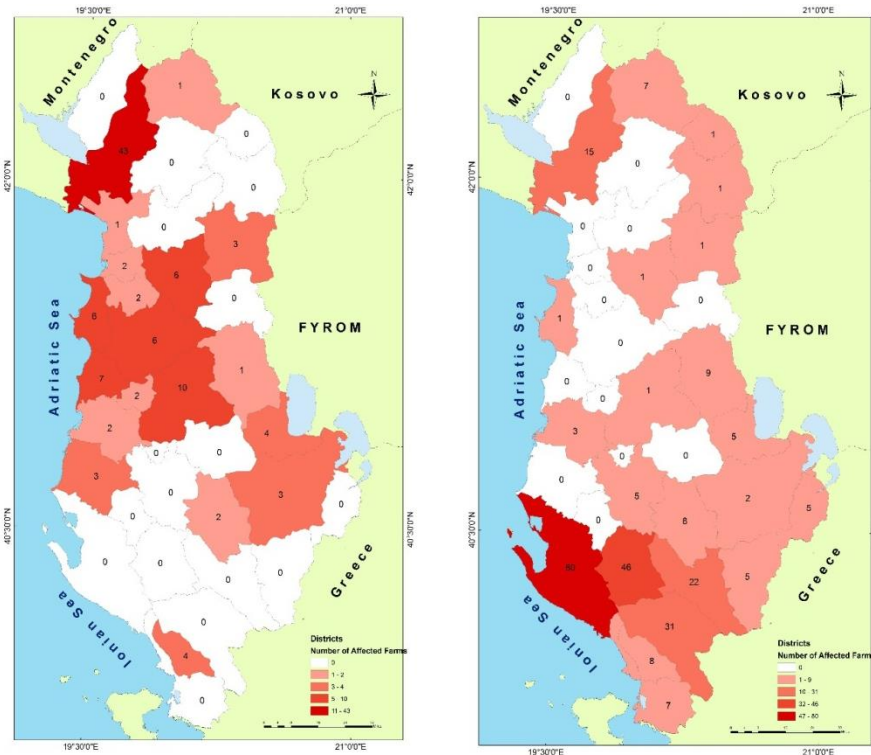
- The epidemic continued during 2017.
- From the middle of February to the beginning of May – 318 new outbreaks on farms and in 198 villages to date.
- Morbidity is estimated at 22% and overall mortality at 6%.

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LSD epidemiology – evolution since the SG4

LSD OUTBREAKS 2017



The maps (polygons) shows the outbreaks per districts January to April 2017 and May to October 2017.

By the beginning of May of 2017 the epidemic had emerged in the southern part of Albania, but decreasing by beginning of August.

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Control measures applied

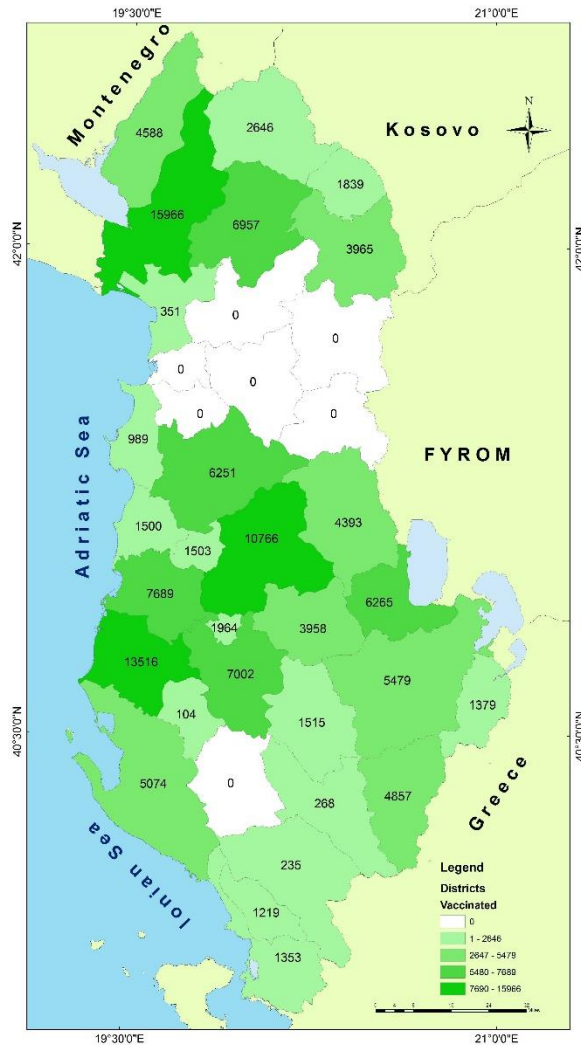
VACCINATION 2017

- ✓ 175.400 doses *LUMPYVAX* stock purchased by Albanian government budget (01.12.2016)
- ✓ 494.000 doses *Lumpy Skin Disease Vaccine* purchased by Albanian government budget (24.07.2017).
- ✓ 55.000 doses *Lumpy Skin Disease Vaccine* donated by the European Union LSD vaccine bank (28.06.2017).
- ✓ 453.125 doses (vaccine + budget for vaccination) are distributed for the vaccination campaign for 2017.
- ✓ Vaccination with *LUMPYVAX* & *Lumpy Skin Disease Vaccine*

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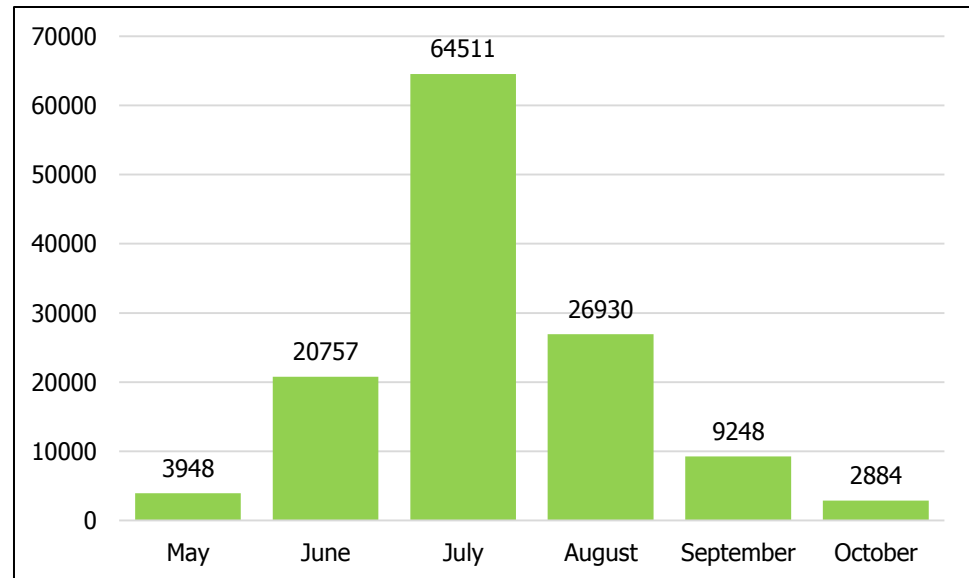


Control measures applied



VACCINATION 2017

Almost 128.000 vaccinated animals from May to present.



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Control measures applied

VACCINATION 2017

REGION	Total number of bovine animals (heads)	No. bovine animals vaccinated (RUDA System)	No. bovine animals vaccinated
Berat	24426	10481	15265
Diber	34242	0	0
Durres	29639	989	12000
Elbasan	57768	20620	31400
Fier	60296	21309	23150
Gjirokaster	25450	503	14200
Korce	45492	17980	18340
Kukes	38409	8450	8450
Lezhe	29268	351	4500
Shkoder	50647	27511	47000
Tirane	50401	7751	13000
Vlore	35140	7646	15000
TOTAL	481178	123591	202305

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Control measures applied

VACCINATION 2017

- ✓ The animal population is extracted from the national database (RUDA) and it is not accurate. Movement registration is not accurately recorded.
- ✓ The vaccinated cattle info is extracted from the improved module of the national database (RUDA) where each single animal is recorded. It is notice that few improvements need to be done.
- ✓ The number of vaccinated bovine animals is greater than reported in the RUDA system.

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Control measures applied

VACCINATION 2017

- ✓The number of 453.125 bovine animals was estimated from the regional veterinary services.
- ✓Ongoing the vaccination campaign.
- ✓The animals are immune because from the first vaccination time is less than a year.

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Vaccination plan for 2018

- Estimated number of bovine animals 654.400 heads
- Current capacity: 271.465 doses *Lumpy Skin Disease Vaccine* in stock
- Unknown any provided donations from the EU LSD vaccine bank?

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Specific challenges met since the LSD4?



- ✓ Control and eradication of LSD in Albania.
- ✓ Vaccination of animals.
- ✓ Increase of biosecurity on farm.
- ✓ Informing of all stakeholders in this process.
- ✓ Increase of animals movement control.

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Specific challenges met since the LSD4?



- ✓ Increase the laboratory capacity.
- ✓ Increase of financial resources.
- ✓ Reforming of veterinary structure.
- ✓ Improve on legislation as regard of the tendering procedures.



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Specific challenges met since the LSD4?



EU Support with 55.000 doses for LSD vaccination campaign in 2017 !



Reimbursement for the cost of vaccines purchased by national funds and used in 2016 & 2017 (974.000 doses) ??

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THANK YOU

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