



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



Food and Agriculture
Organization of the
United Nations



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

SGE LSD 11
10 February 2022

Montenegro

Lumpy Skin Disease – Background information

- **LSD occurrence :** The last case of LSD in Montenegro was at October 10th 2016 on not vaccinated cattle. From that time LSD is completely under control and till today we do not have any case.
- **LSD Vaccination:** Last vaccination campaign was performed in 2019, and based on the recommendation, from 1/1/2020 Montenegro stopped vaccination.
- **LSD surveillance (active):** Aactive surveillance (post vaccination) was implemented since 2020.



Lumpy Skin Disease – 2021 - Surveillance

- ***Description of the active surveillance***

Active surveillance is carried out in all territory of Montenegro. Based on risk identified two zones are established: endangered zone and less endangered zone.

Active surveillance: clinical/serological/virologic examination of sentinel animals - non-vaccinated and without maternal immunity (non-vaccinated cattle, born to non-vaccinated cows or non-vaccinated cattle older than 6 months born after 1st of August 2019, in case the dam was vaccinated), at high least during the high risk period for LSD , at least in the risk areas of the country.



Lumpy Skin Disease – 2021 – Surveillance in endangered zone

	Number planed/examined	Outcome
Number of herds tested LSD serology (ELISA)	150/ 139	3 Positive
Number of animals tested LSD serology (ELISA)	300/ 277	3 Positive
Number of Samples subject to LSD virological tests (PCR)	3	Negative



Lumpy Skin Disease – 2021 – Surveillance in less endangered zone

	Number planed/examined	Outcome
Number of herds tested LSD serology (ELISA)	60/64	3 Positive
Number of animals tested LSD serology (ELISA)	120/127	3 Positive
Number of Samples subject to LSD virological tests (PCR)	3	Negative



Lumpy Skin Disease – 2021 - Surveillance

- ***Description of the passive surveillance undertaken***

Passive surveillance is carried out on the entire territory of Montenegro all year around

In 2021 we had 5 suspicion and all was negative.

All cases suspected of LSD due to clinical signs that may indicate LSD: changes on the skin – nodules and/or ulcerative changes on skin and mucous membrane, general infectious syndrome, excessive salivation, increased nasal and ocular discharge, oedema, enlarged lymph nodes, reduction in milk yield, lameness, etc.



Lumpy Skin Disease – 2022 plans

- **LSD surveillance (active):**

In line with the recommendations from GF-TADs, Montenegro will carry out activities related to lumpy skin disease in 2022 - passive and active surveillance.

We appreciate all given recommendations, all financial support for Montenegro and successful collaboration, and looking forward on further cooperation.

Thank you for attention!

