

Lumpy skin disease (LSD)

An update on LSD Prevention & Control with focus on LSD Vaccination

Country name: Lao PDR

Name of Presenter: Viliddeth Souriya

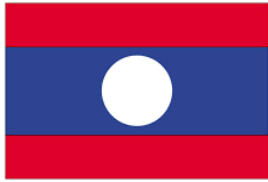
Position: Deputy Director of Veterinary Services Division

Affiliation: Department of Livestock and Fisheries

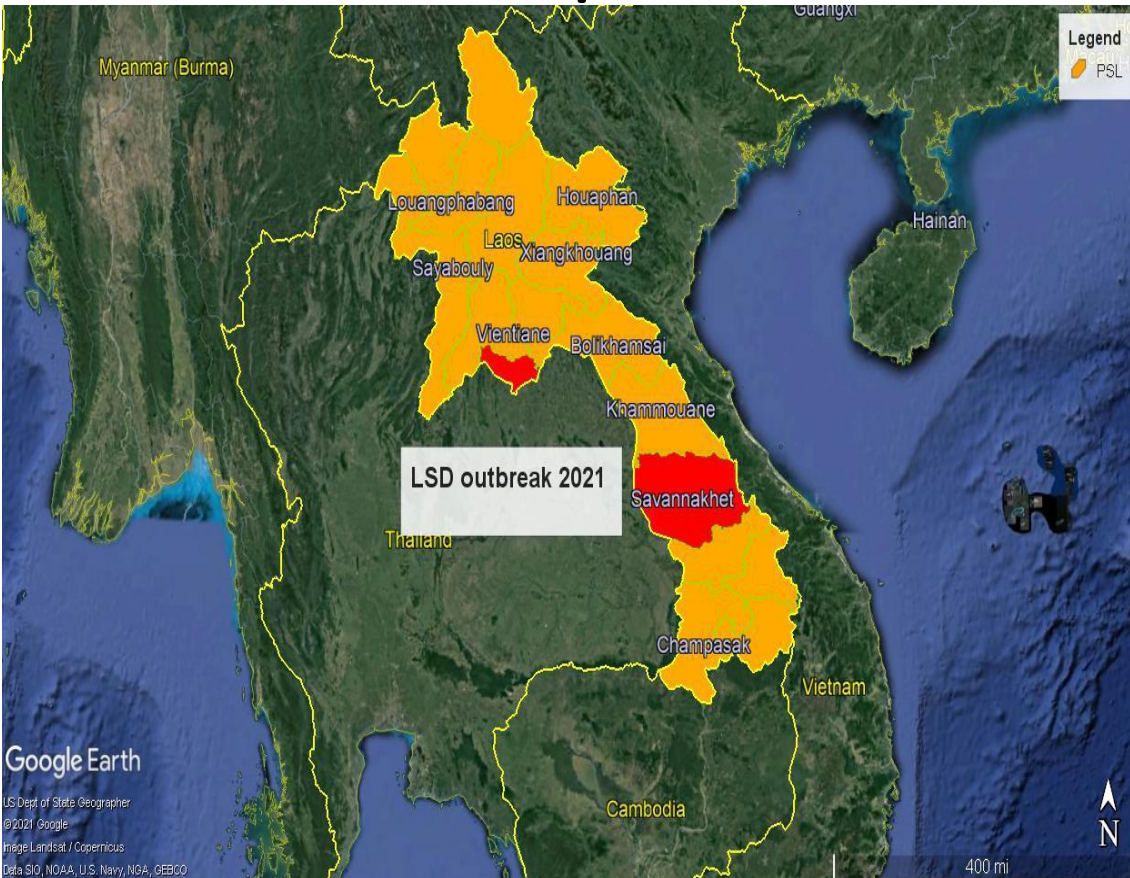


Outbreak Updates

Date of first report	May 2021
Date of report to OIE	June 2021
Total Number of Province affected out of total province	2 provinces affected out of 18 provinces
Number of farm affected	9 villages
Number of animals affected (Cattle/ Buffalo)	369 heads but only cattle
Number of death (Cattle/ Buffalo)	No
Virus type (confirmed by which Laboratory)	Confirmed by RT-PCR at the NAHL, Strain have not confirm yet
Total number of outbreaks:	9 outbreaks
Total number of outbreaks resolved:	9 outbreaks
Ongoing outbreaks:	No outbreak at the moment



LSD situation updates



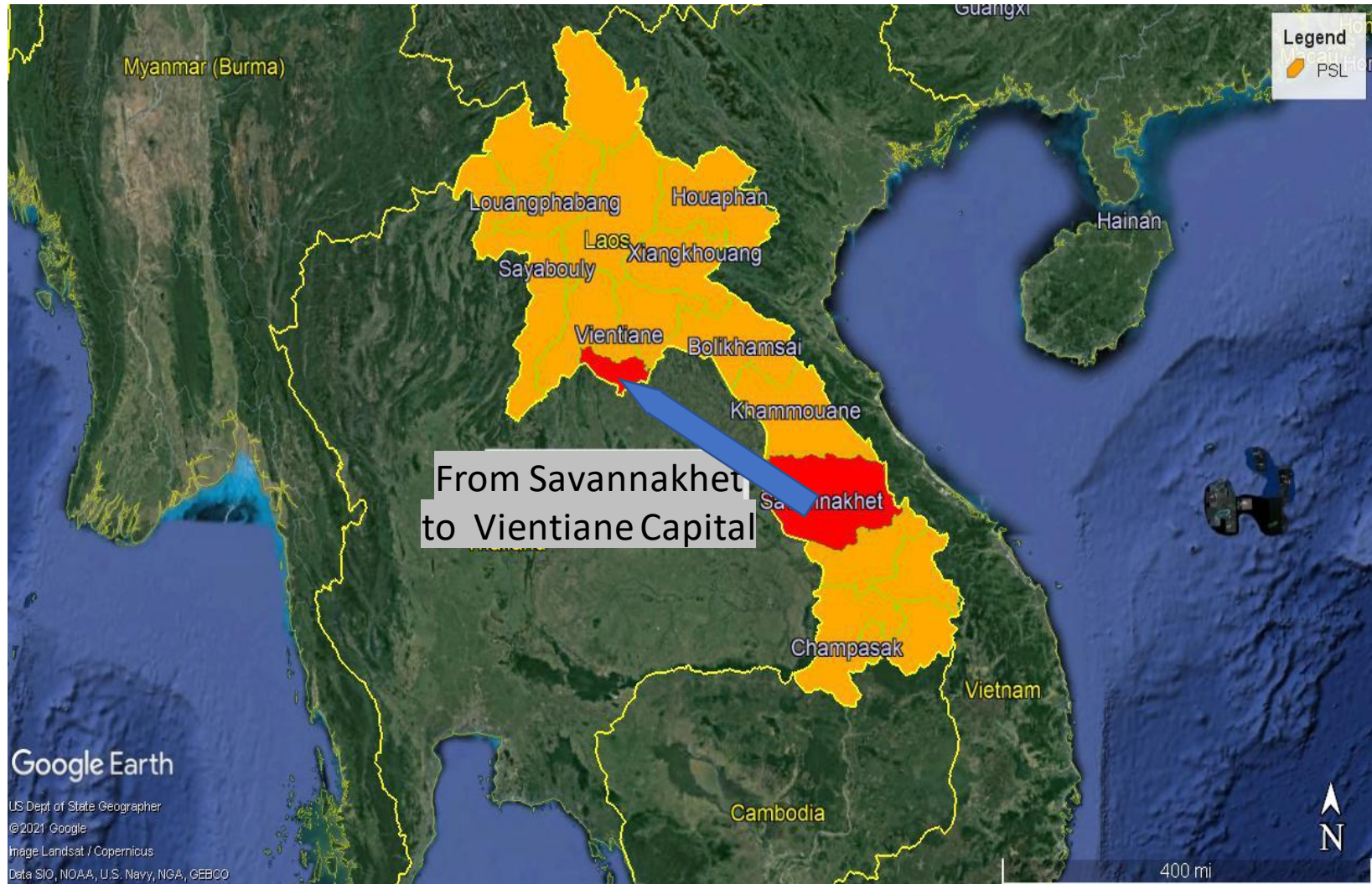
LSD outbreak occurred:

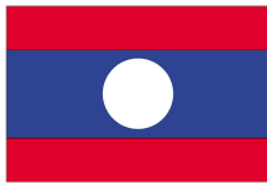
- Affected 2 provinces
- Affected 5 Districts
- Affected 9 Villages
- Animal at risk 2,996 heads
- Animal affected 369 heads





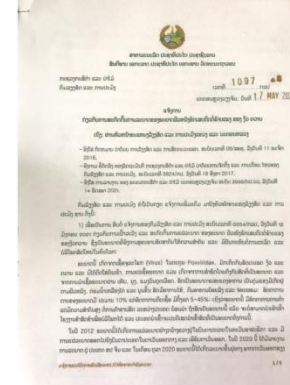
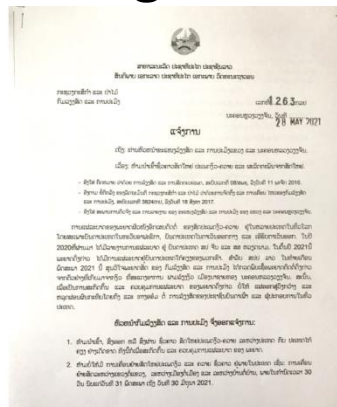
Distribution of reported outbreaks on the maps

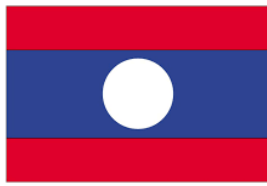




Control measures implemented (1)

- Department of Livestock and Fisheries has issue declaration Number 1097 DLF, dated 17 May 2021, and declaration Number 1263 DLF dated 28 May 2021 - temporary ban import, export and transit large ruminant and it product included ban internal movement.
- Distributed 1000 copy of LSD poster for all of 18 provinces in early April 2021 - supported by FAO project.
- Use mass media , social network and others communication mechanism to distributing information to the farmer.

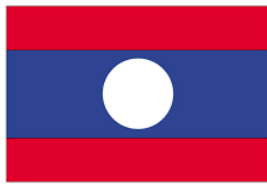




Control measures implemented (2)

- Conducted national teleconference on 7 June 2021 on surveillance, outbreak investigation and Control of LSD. More than 50 participants from 18 provinces and chaired by Vice Minister of Agriculture and Forestry, co-chaired by DG of DLF.





Control measures implemented (3)

- Strengthening surveillance network : early detection , reporting and early Outbreak investigation and response.
- Increase on farm biosecurity measure.





Vaccination

- No LSD vaccine available in Lao PDR.





Challenges

- LSD is new Disease for stakeholders particularly Lao Farmer, traders.
- Informal animal movement
- Veterinary services in Lao PDR will gain experience of handling with LSD.
- Limited Veterinarian.
- Limited support funding.
- No private sector involvement yet.



Way Forward and priority actions

- Continue Public awareness.
- Strengthen surveillance.
- Detail outbreak investigations and treatment of secondary infection.
- Continue control measures including animal movement control.
- Developing National Strategy plan on Control and eradication of LSD.
- Import LSD vaccine .
- Capacity building of vet services staff on LSD control e.g. lab diagnosis, emergency response and control.
- Engagement private sector for investment on LSD vaccine production.



Thank you for your attention

