

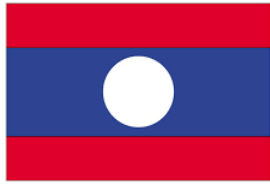


Lumpy skin disease (LSD) Outbreak situation in Lao PDR 2021

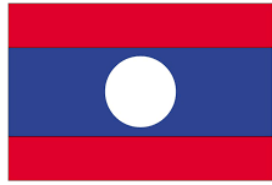
Presented by: Dr. Viliddeth Souriya

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Department of Livestock and Fisheries, Ministry of Agriculture and Forestry



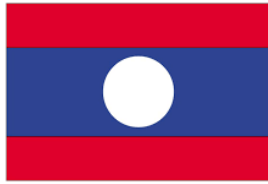
- Lumpy skin disease (LSD) is newly Cattle Infectious disease for Lao PDR
- First Report on Lumpy skin disease (LSD) Outbreak in Lao PDR - **May 2021**



Diagnosis of Lumpy skin disease in Lao PDR

- Clinical Signs
- Confirm by RT-PCR on 28 May 2021



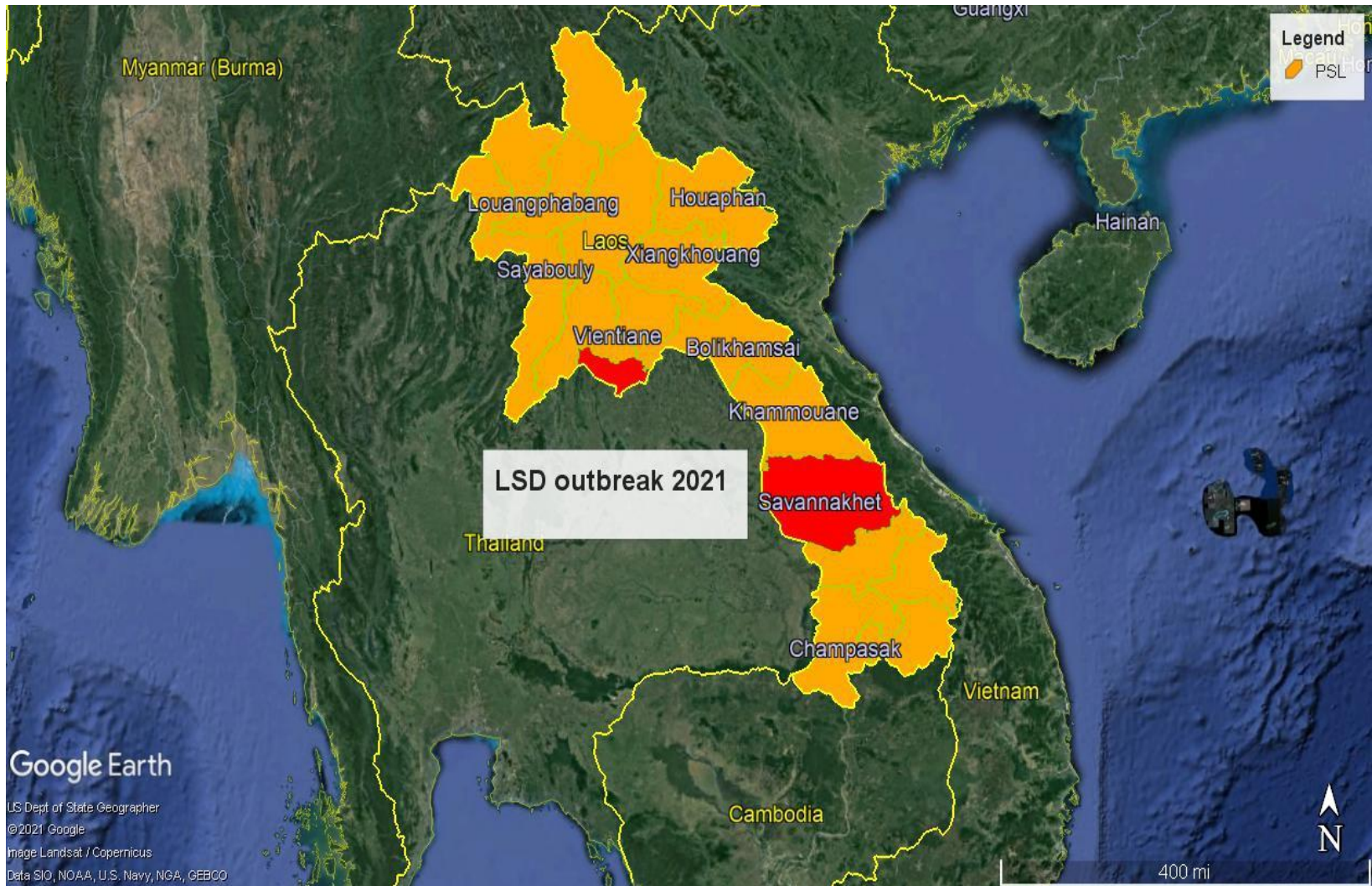


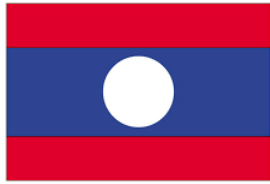
LSD outbreak up to date

No	Province	District	Village	Date of Outbreak	Animal at risk		Animal affected		Death		Lab confirmed
					Cattle	Buffalo	Cattle	Buffalo	Cattle	Buffalo	
1	Vientiane Capital	Hadxaifong	Donfai	22 May 2021	154	98	30	0	0	0	
2	Vientiane Capital	Naxaithong	Saendin	23 May 2021	523	206	78	0	0	0	
3	Vientiane Capital	Naxaithong	Nayang	23 May 2021	210	120	42	0	0	0	4 out of 5
4	Vientiane Capital	Paknguem	Huaynamyun	23 May 2021	140	98	28	0	0	0	
5	Vientiane Capital	Paknguem	Nafaïy	23 May 2021	255	180	51	0	0	0	
6	Savannakhet	Kaisone	Nongdern	27 May 2021	105	54	21	0	0	0	
7	Savannakhet	Kaisone	Nongphue	27 May 2021	97	25	19	0	0	0	
8	Savannakhet	Atsaphone	Naduae	28 May 2021	220	87	44	0	0	0	
9	Savannakhet	Atsaphone	Songhong	28 May 2021	314	110	56	0	0	0	
Total	<u>2</u>	<u>5</u>	<u>9</u>		<u>2,018</u>	<u>978</u>	<u>369</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>

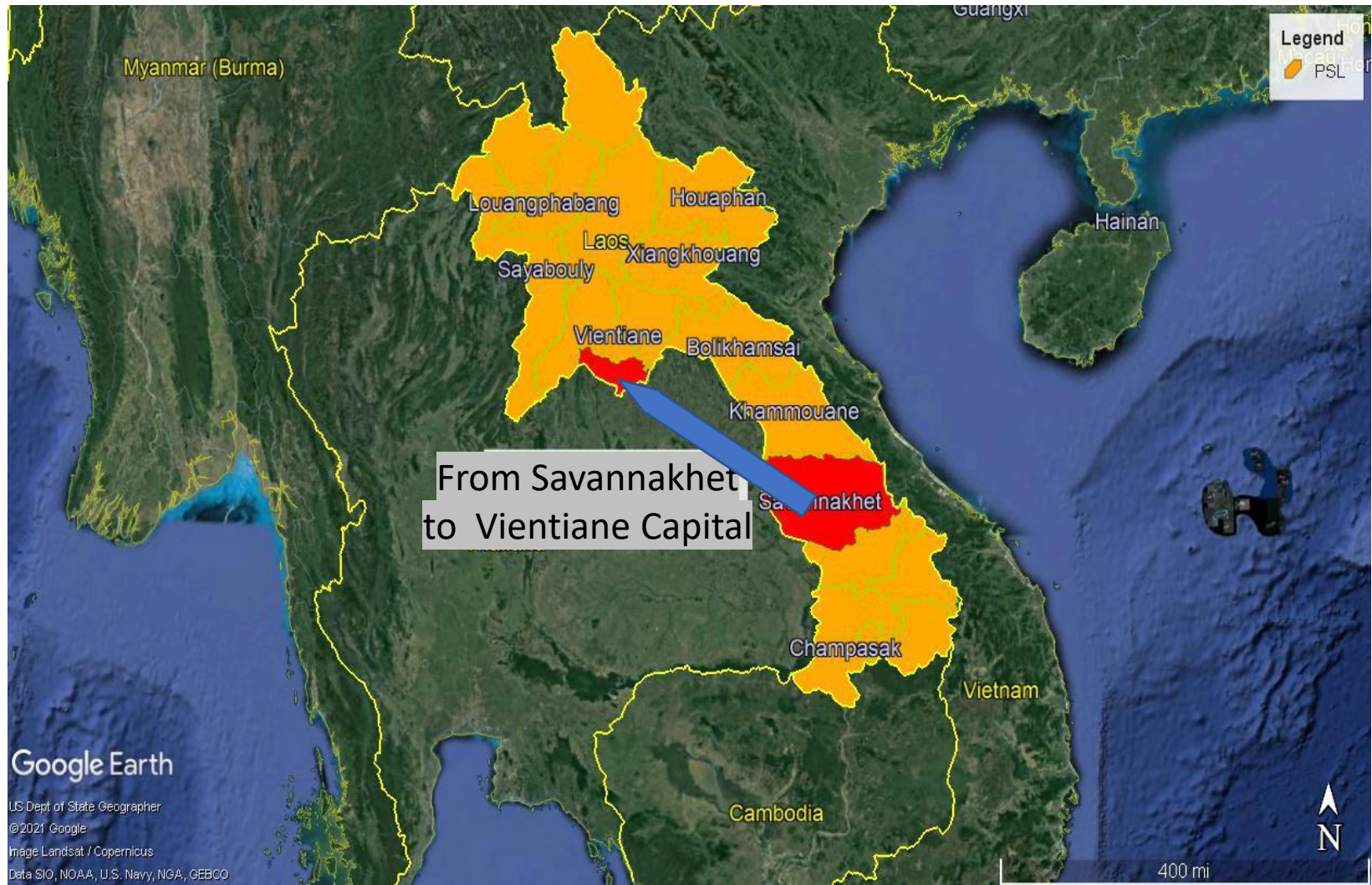


Location of Outbreak - LSD





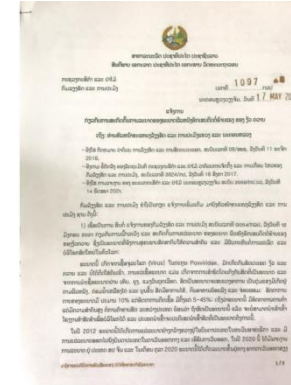
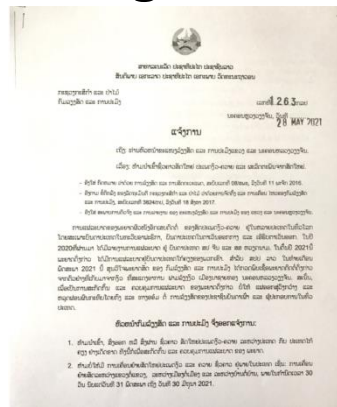
Distribution of reported outbreaks on the maps

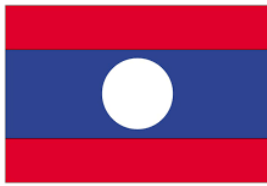




Control measures implemented (1)

- 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 its 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.

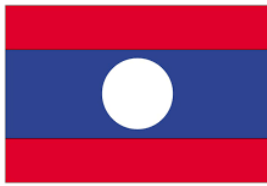




Control measures implemented (2)

- 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.



Request

- Training field sample collection and laboratory staffs.
- Training staff on treatment of secondary infection post LSD infected.
- If possible for control spread of LSD Outbreak we would like to OIE to support LSD vaccine.
- Training on insecticide utilisation.
- Request to OIE for support LSD diagnostic reagent for RT- PCR.



Thank you for your attention