





## Lumpy skin disease (LSD)

# An update on Preparedness for LSD incursion

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### Preparedness strategies to prevent LSD incursion

#### 1. National Ruminant Disease Surveillance Program

- Disease Surveillance of importance are conducted frequently in ruminant farms, including LSD.
- Veterinary officer and other animal health officers will conduct clinical surveillance to look for suspicious signs indicative of LSD

#### 2. Lab Capacity

- Had undergone lab training for LSD training in KISR.
- VLS is in progress of developing LSD diagnostic test and procuring LSD diagnostic kit.
- Facilities for serology and molecular testing is in place.

#### 3. Importation and Border Control

- Importation of animals and animal products are tightly-controlled and allow only from LSD-free (and other notifiable diseases) countries or zones only.
- Upon arrival on-site quarantine. Since cattle are usually in holding yards, they will be sent to slaughterhouse after fattening and dedicated **meat inspectors** (MIs) will be on stand-by for inspection.

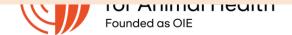
## Preparedness strategies to prevent LSD incursion

#### 4. Awareness Activities

- Engaging with diverse groups including:
  - Ruminant Farmers and Stakeholders
  - ii. For public as general info and awareness
  - iii. Advocacy Communication for top management and internal office (staff and border control officers)

#### 5. Regulation: Animal (Diseases and Quarantine) Act, 2021

- Includes notification of the list of notifiable diseases in animals which are mandatory to be reported (including LSD).
- Clauses in the act include: movement control, declaration of infected areas as well as disposal of diseased animal.



## **Contingency Planning and Response**

#### 1. Animal (Diseases and Quarantine) Act, 2021

Can be As part of regulatory support in case of disease outbreaks.

#### 2. Vaccine Procurement and Stocking Mechanism

- As part of disease preparedness in case of incursion can be considered depending on situation of Borneo Island and neighbouring countries.
- Will depend on easy accessibility of vaccines.

#### 3. Simulation Exercise

Necessary to assess preparedness of all stakeholders involved.

#### 4. Financial Resource

Budget is available specifically for 'Disease Outbreak' incidence.



## Main challenges and recommended solution

Main Challenges	Recommended Solutions
Limited Manpower and Expertise	<ul> <li>To undergo self-analysis and evaluation of veterinary services and subsequently WOAH PVS-GAP Analysis</li> <li>Training for frontliners e.g. the officers and staff at border control</li> </ul>
Lack of Awareness of LSD	Ongoing Awareness campaigns are being carried out including web-based approach to reach more people
Emergency Response on Animal Disease Implementation	<ul> <li>Multi-institutional response (inclusion of relevant institutions would add value)</li> <li>Partner Countries to share experience</li> <li>Training of Trainers for conducting simulation exercises</li> </ul>
Diagnostic Expertise	<ul> <li>Continuous lab training for screening and confirmatory of LSDv.</li> </ul>
	World Organisation

for Animal Health

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## THANK YOU



4<sup>th</sup> LSD Coordination Meeting 28 – 29 November 2023, Bangkok, Thailand