



# Lumpy skin disease (LSD) An update on LSD activities

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Fourth LSD Coordination Meeting for South-East Asia 28 – 29 November 2023, Bangkok, Thailand

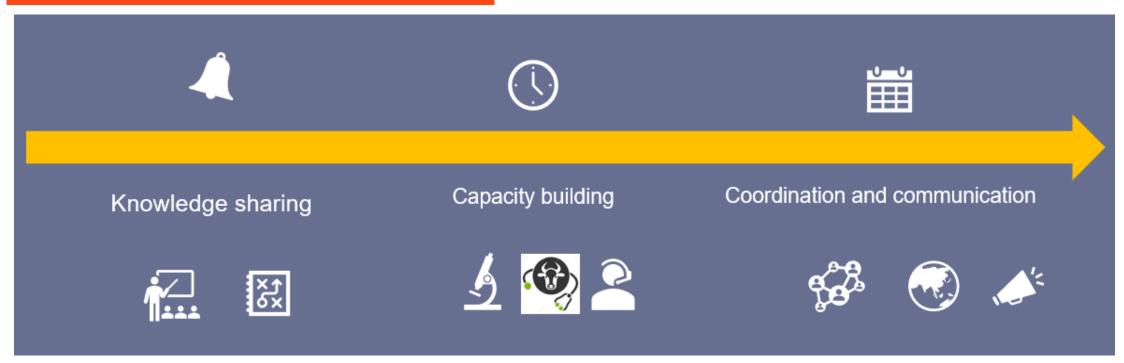
### **PRESENTATION COVERS**

- WOAH activity update
- Coordination activities
- Knowledge sharing
- Development of strategy
- Communication
- Activities from the other region
- Ongoing and planned activities





### Highlights of activities in response to LSD Outbreaks



#### **Webinars**

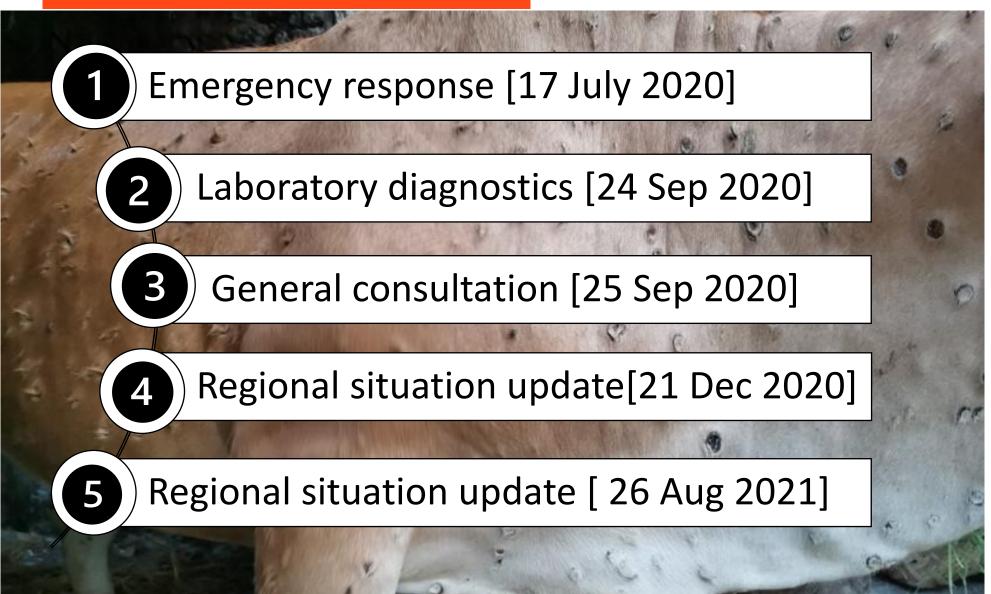
- Emergency response
- Laboratory diagnosis
- General consultations
- Situation Updates

#### **Coordination Meeting and Communication**

- First Coordination meeting updates on LSD situation and preparedness
- Second LSD Coordination Meeting LSD vaccination
- Third LSD Coordination Meeting Communication
- FAQ LSD and LSD vaccination
- Communication materials developed to support Members

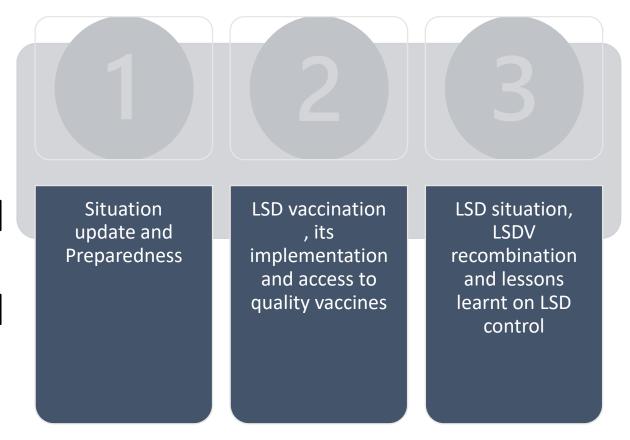


### **WEBINAR SERIES by WOAH RRAP**



### **COORDINATION MEETINGS**

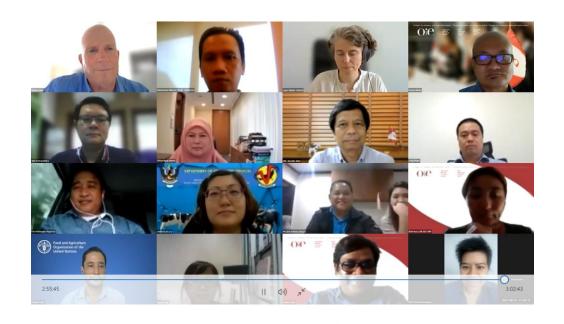
- First Lumpy Skin Disease (LSD)
   coordination meeting in South-East
   Asia [Virtual, 11 June 2021]
- <u>Second</u> LSD coordination meeting for South-East Asia [Virtual, 16 Dec 2021]
- Third LSD coordination meeting for South-East Asia [Virtual, 16 Dec 2022]
- Fourth LSD coordination meeting for South-East Asia [ongoing]

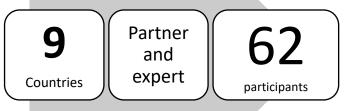




### FIRST LSD COORDINATION MEETING (11 Jun 2021)

- Provided updates on the LSD situation in South-East Asia region;
- Highlighted preparedness of the countries at risk of LSD incursion;
- Provide a platform for technical discussions on LSD prevention and control measures for their practical implementation in the field;
- Shared tools and resources made available by FAO and the WOAH for LSD prevention and control.

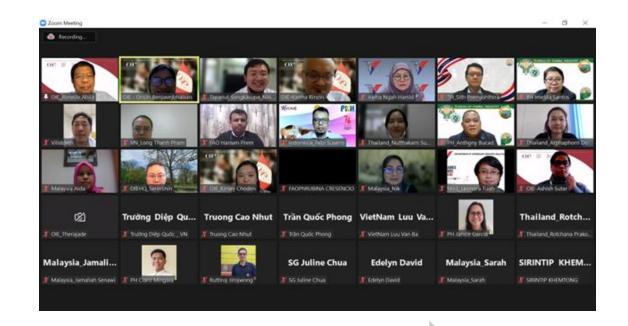






### SECOND LSD COORDINATION MEETING (16 Dec 2021)

- Provided updates and share experiences in implementation of LSD vaccination by those countries implementing LSD vaccination.
- Provided update on the LSD Preventive Vaccination Plan by those countries at the risk of LSD incursion.
- Discussed on various issues related to LSD vaccination and in particular access to quality LSD vaccines.

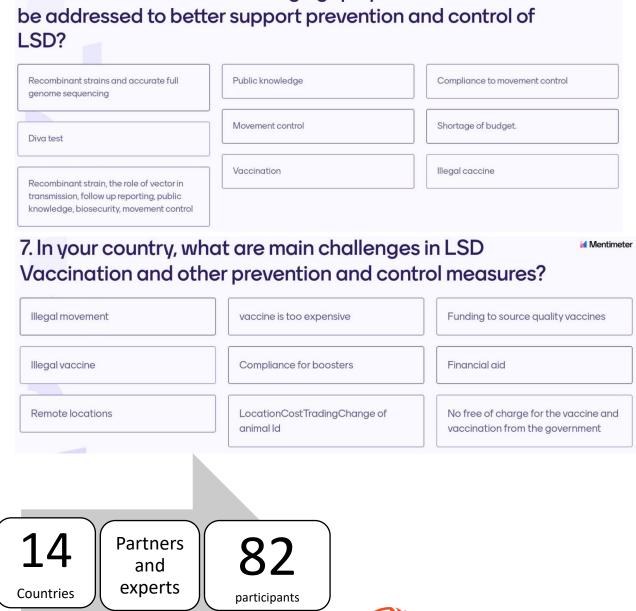






(16 Dec 2022)

- Updated Members on the Global LSD situation with focus on the circulating recombinant LSDV strains in South-East Asia.
- Provided update on the current LSD situation in the affected countries;
- Shared experiences and lessons learnt on LSD diagnosis and vaccination and solution to address some of the challenges;
- Identified priority needs and actions to enhance LSD prevention and control in South-East Asia.



5. What are the main knowledge gaps you think needs to

Mentimeter

World Organisation for Animal Health

Founded as OIE

### FREQUENTLY ASKED QUESTIONS?

Frequently Asked Questions (FAQ) on LSD
 [June 2022]

 Q &A – Expert response to questions raised by the participants [June 2021]

FAQ on LSD Vaccination [Sept 2021]

### Frequently Asked Questions (FAQ) on lumpy skin disease (LSD)

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### Development of ASEAN Lumpy skin disease (LSD) Prevention and Control Strategy

- As with any other TADs, the LSD can effectively controlled when countries with a similar epidemiological situation work together in a coordinated manner to control the disease.
- The GF-TADs Strategy for 2021-2025 recommends development of strategies for priority TADs at regional and sub-regional level to address their priorities for the control and prevention of TADs.

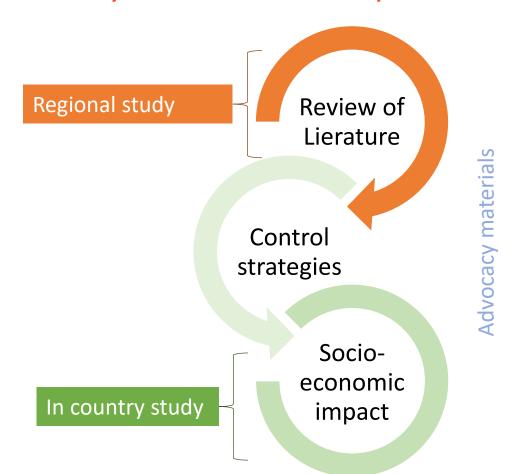


- Considering the wide spread of LSD in South-East Asia (8 out of 10 countries affected) and importance of regional coordination for the effective control of LSD:
- The Second LSD Coordination and 30th ASWGL Meeting in June 2022 recommended development of ASEAN LSD Prevention and Control Strategy



# Study to assess the impact of LSD

WOAH launched call for proposal – Chiang Mai University is carrying out study to assess the impact of LSD in Asia







### **LSD Communication Materials**





#### Cattle owners, traders





# Activities in other WOAH regions for LSD

#### Europe region:

- Set up Standing Group of Experts for LSD in 2016
  - Regularly exchange information on LSD situation and control measures
  - Review of national control strategies by experts -> view to build science-based and harmonized regional control strategy
  - Collaboration on lab diagnostics
  - Collaborate on awareness raising campaigns

#### **Key recommendations at Feb 2023 meeting:**

- Mass vaccination with homologous vaccines should be considered in affected countries, and cessation undertaken
  in a coordinated manner, with active and passive surveillance
- Quality of vaccine should be aligned with the requirements of the WOAH Terrestrial Manual
- Independent quality control of vaccine should be carried out, in collaboration with LSD Reference laboratory
- Characterization of new strains of the LSD virus should be done, including vaccine-related strains, in close collaboration with LSD Reference laboratories.



# Activities in other WOAH regions for LSD

### **TADs Coordination Meeting for SAARC**

Paro, Bhutan, 8-12 May 2023



- Focused on PPR, FMD and LSD
- Day 2 of the meeting was dedicated to LSD related matters
- Cross-border network strengthened
- Implementation of coordinated and effective vaccination programmes in South Asia
  - Safe, effective, accessible and affordable vaccines



# Activities in other WOAH regions for LSD

### East Asia CVO/Contact Persons Meeting on PPR and LSD

• Qingdao, China, 24-26 July 2023



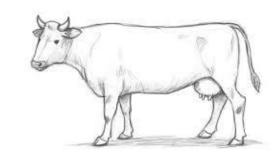


- Discussion on:
  - Global and regional situations of PPR and LSD
  - Members' experience in disease control
  - East Asia priority activities
- Strengthened and enhanced:
  - Epidemiology & Laboratory Network
  - Regional PPR & LSD laboratories collaboration mechanisms among members in the region
  - Capacity for prevention and control of PPR & LSD in East Asia

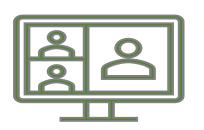


## **Ongoing and Planned Activities**

- Advocacy and awareness
  - Advocacy to Policy makers Policy brief for the decision makers
  - Ongoing for FMD which will be adapted for other LSD
  - Outputs of study to assess the impact of LSD
  - Infographics and videos on the use on LSD vaccination and use of quality vaccines – Ongoing
- Development of ASEAN LSD Prevention and Control Strategy in line with 30th ASWGL Meeting recommendations and GFTADs Strategy 2021 2025
  - Seek endorsement of 32<sup>nd</sup> ASWGL Meeting and other ASEAN Bodies
  - Support implementation of ASEN LSD Strategy
- 5<sup>th</sup> LSD coordination meeting 2024











### **THANK YOU**



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Acknowledgement: Drs Karma Rinzin, Charmaine Chng, Bolortuya Purevsuren and Peng Li

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