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# Country Presentation Maintenance of FMD free status and Progress of SEACFMD Campaign

Country name:

**Brunei Darussalam**

Name of Presenter:

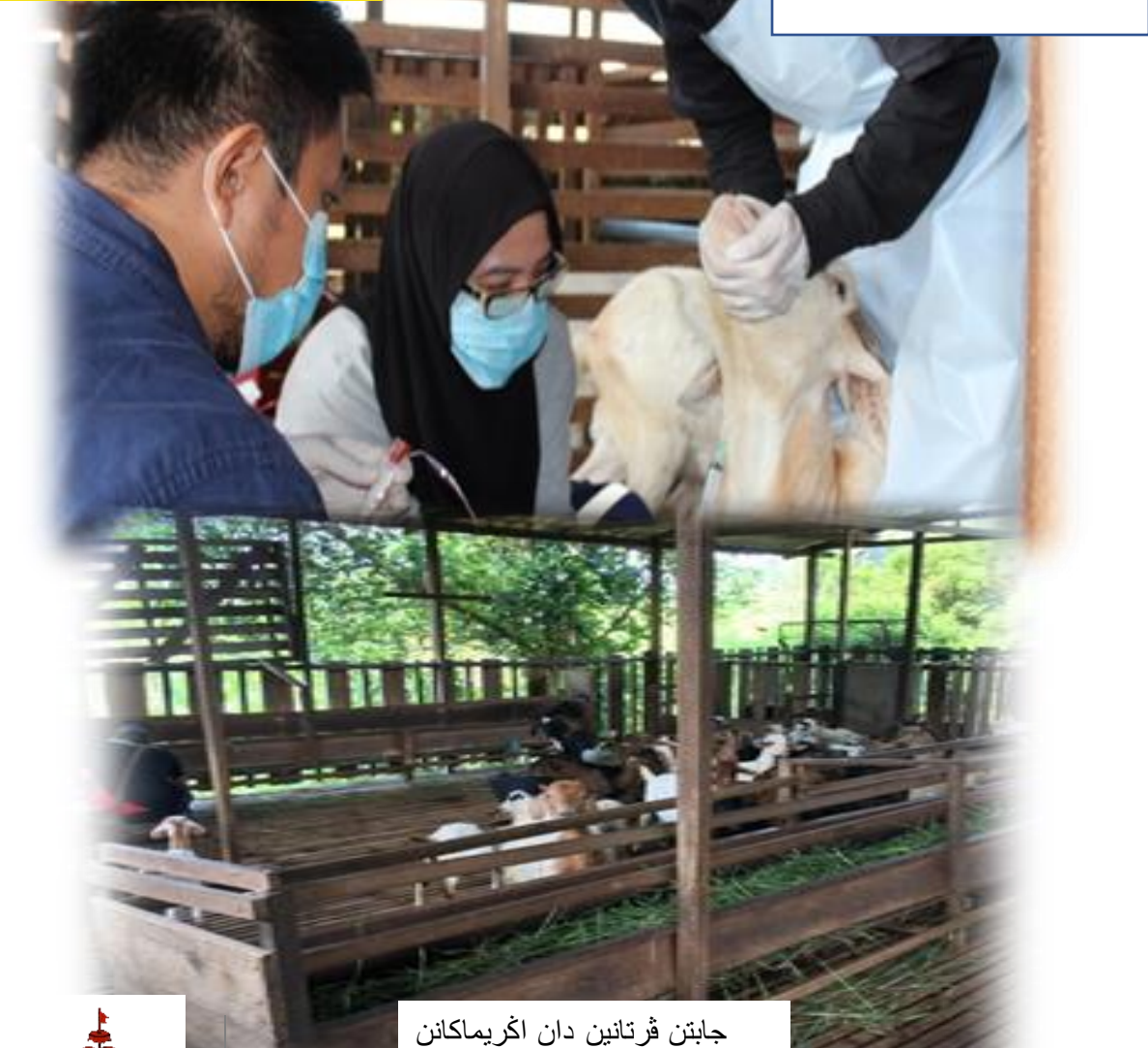
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# FMD situation in 2021-2022

- Brunei Darussalam is recognised as FMD-free country since year 2008 without vaccination.
- Summary Data of Ruminant Industry in Brunei Darussalam for 2021:

Type of Ruminant	Total of Entrepreneurs / Farmers	Total Number of Animals
Buffalo	130	2,214
Cattle	40	382
Goats	119	4,186
Sheep	29	1,485
Deer	7	406

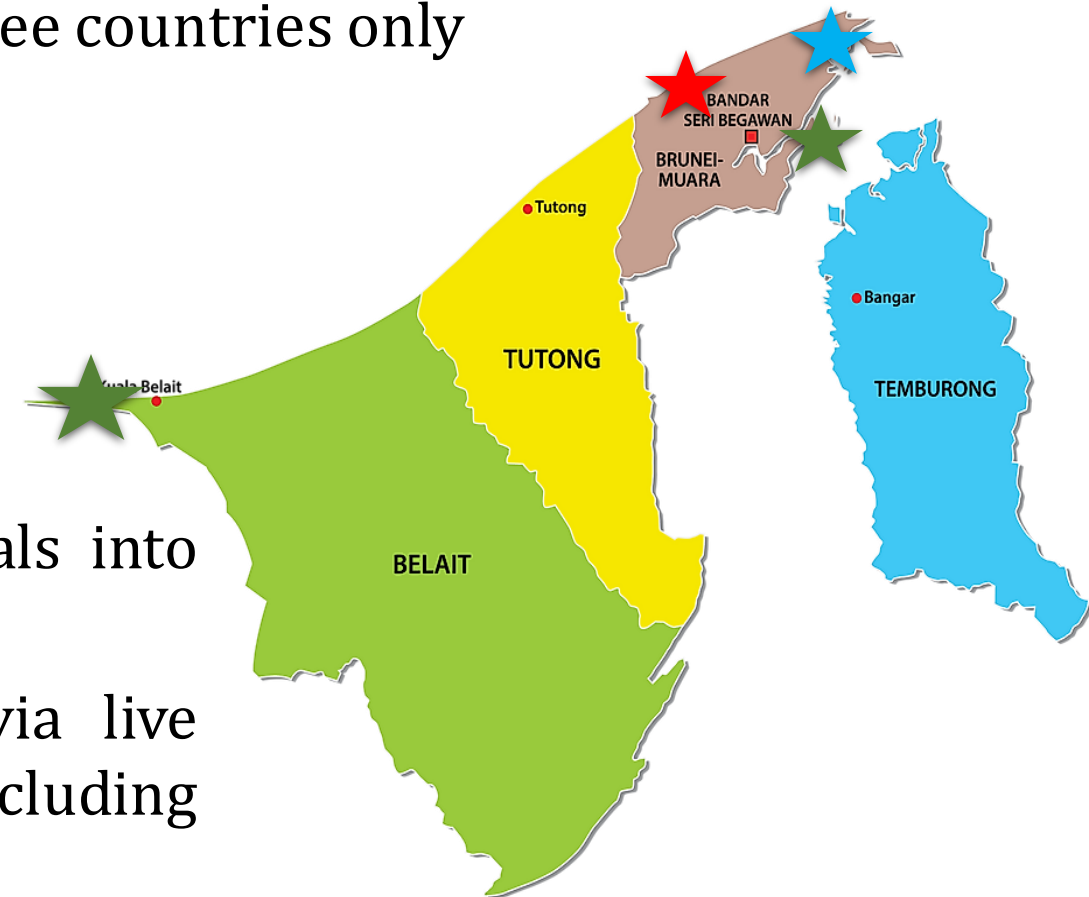
Type of Livestock	Quantity (Slaughtered)	
	Local	Imported*
Buffalo	423	3007
Cattle	62	13,675
Sheep	3610	
Goat	4241	
Main Slaughtering Centres	4 (commercial)	

*\*imported animals are from Australia, Sarawak and Sabah*

# FMD Prevention and Control – Highlights of FMD Control

## 1) Importation and Border Control

- Allow only importation of live animals from FMD-free countries only
- 4 official entry points into Brunei Darussalam :
  - 1. 2 via land**
  - 2. 1 via airport**
  - 3. 1 via seaport**
- On-site quarantine for newly-arrived live animals into Brunei Darussalam.
- Main risks and threat of FMD incursion is via live importation of ruminants into the country including illegal routes.
- Also restricted transit of live ruminants from Sarawak to Brunei.



# FMD Prevention and Control – Highlights of FMD Control

## 2) FMD-Surveillance

- Passive Surveillance – negative reporting and dependency on farmers for report of disease.
- Active Surveillance – include clinical and sero-surveillance planned for standing population and breeding ruminants (goats/sheep farms) in Brunei.
  - Targetted active surveillance if required for imported animals at the border and holding yards.
- Active Surveillance via ante- and post-mortem observations in slaughterhouses throughout Brunei Darussalam.

## 3) Awareness Campaigns

- Awareness talk to include FMD for staff, farmers, relevant stakeholders and the public that are being held 4 times a year by Dept. of Agriculture and Agrifood (DoAA).
- Incorporation of FMD Infographics in official agricultural social media to reach wider audience to raise awareness for FMD.



# FMD Prevention and Control – Progress of the Campaign (1 out of 2)

Progress of implementation of SEACFMD Roadmap 2021-2025 till date:

❖ In effort to align with SEACFMD Strategic Objective and to maintain FMD-free status the following actions have been taken

<b>Outcomes from Strategic Objective No.1 : Reinvigorated FMD Prevention and Control in SEACFMD Member Countries</b>	<b>Progress of implementation</b>
<p><b>Outcome 1</b></p> <p>Improved Surveillance, movement control, vaccination and preparedness / response to FMD</p>	<p><u>A) Veterinary Laboratory Capacity – Veterinary Lab Services Section under DoAA.</u></p> <ul style="list-style-type: none"><li>• Increase laboratory capacity after moving to a new an improved location</li><li>• Working towards preparedness of laboratory to be able to characterize FMD virus from field outbreak of traceability to increase effort in early detection and response.</li></ul> <p><u>B) FMD Preparedness and Contingency Plan</u></p> <ul style="list-style-type: none"><li>• To review and improve existing FMD Preparedness and Contingency Plan (last reviewed in 2008)</li><li>• To work towards holding more frequent table top / simulation exercise locally or internationally to improve technical capacity and confidence in FMD control and prevention.</li></ul> <p><u>C) Improved Information flow within Veterinary Service</u></p> <ul style="list-style-type: none"><li>• Continued operation of hotline easily contactable for farmers and stakeholders for reporting of disease.</li><li>• An online platform is now being utilized which helps in the ease of recording of surveillance and timely-reporting within DoAA.</li></ul>

# FMD Prevention and Control – Progress of the Campaign (2 out of 2)

**Strategic Objective 1 :**  
Reinvigorated FMD Prevention and Control in SEACFMD Member Countries

**Progress of implementation in Brunei Darussalam**

**Outcome 2**  
Improved ownership and enabling environment at national level

A) National Legislation (For FMD and related TADs)

- Animal (Diseases and Quarantine) Order has been endorsed in 2021.
- This includes regulation on ‘Notification of Disease’ where FMD is included as a Notifiable disease that made its notification mandatory and control and prevention procedures enforceable.

B) Multidisciplinary and Multisectoral efforts implemented for FMD control  
*Public-Private Partnership*

- Engagement of relevant agencies (MOFA, MOFE and MOHA) regarding FMD and its importance for regional trade and disease status recognition and the local farms (breeding goat and sheep farms) as well as for emergency preparedness (animal movement and compartmentalization).

C) Training to improve capacity

- A few focal staff from DoAA Brunei joined ToT of Outbreak Investigation and Response Management in 2021 and learned valuable lessons from experts.

**Outcome 3**  
Improved Regional Coordination

Promote active participation for regional meetings, workshops related to FMD Control where possible.

**Strategic Objective 2 :**  
Comprehensive Evaluation of the SEACFMD Campaign to address critical gaps

Ongoing effort with SEACFMD Members and WOAHA to reach outcome and implementation plan for Strategic Objective 2

# FMD Prevention and Control – Planned activities

## Key/ Main activities planned in 2023

- Currently in final drafting of List of Animal Diseases ('Notification of Diseases' Regulation) under the **Animal (Diseases and Quarantine Order) 2021**, whereby FMD is listed as a notifiable diseases to strengthen regulatory measures for the control of FMD in the country.
- To further strengthen Veterinary Services including **laboratory capability** and **FMD surveillance** in the country.
- To review **existing FMD Preparedness and Contingency Plan** to improve confidence in response to introduction of new or exotic virus.
- Continuous **Awareness Program** on FMD and other TADs to maintain vigilance of FMD among farmers, stakeholders and the public.

# Main challenges and recommended solution

- Illegal routes that may pose risk for introduction of the disease which may by-pass border and post-border control measures
  - To be strengthened via national multi-sectoral coordination including the Animal Import Management Unit, the Border Control Unit (both under DoAA), Royal Customs and Excise Department and the Royal Brunei Police Force.
  - Drafting of regulation under ADQO to further strengthen control of notifiable diseases (currently in final phase of drafting in AGC)
- PVS Pathway that assessed National Veterinary Service Capacity is outdated (>5 years)
  - There is a need for PVS Re-evaluation for the strengthening of VS (restructurings of the Department and Ministry).
- Need to further improve FMD Preparedness capacity
  - To conduct table-top exercises, simulations to help identify important gaps needing to be addressed and improve the capability and preparedness of staff and relevant stakeholders.



# Thank You



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## Pengenafan

## APA ITU FMD?

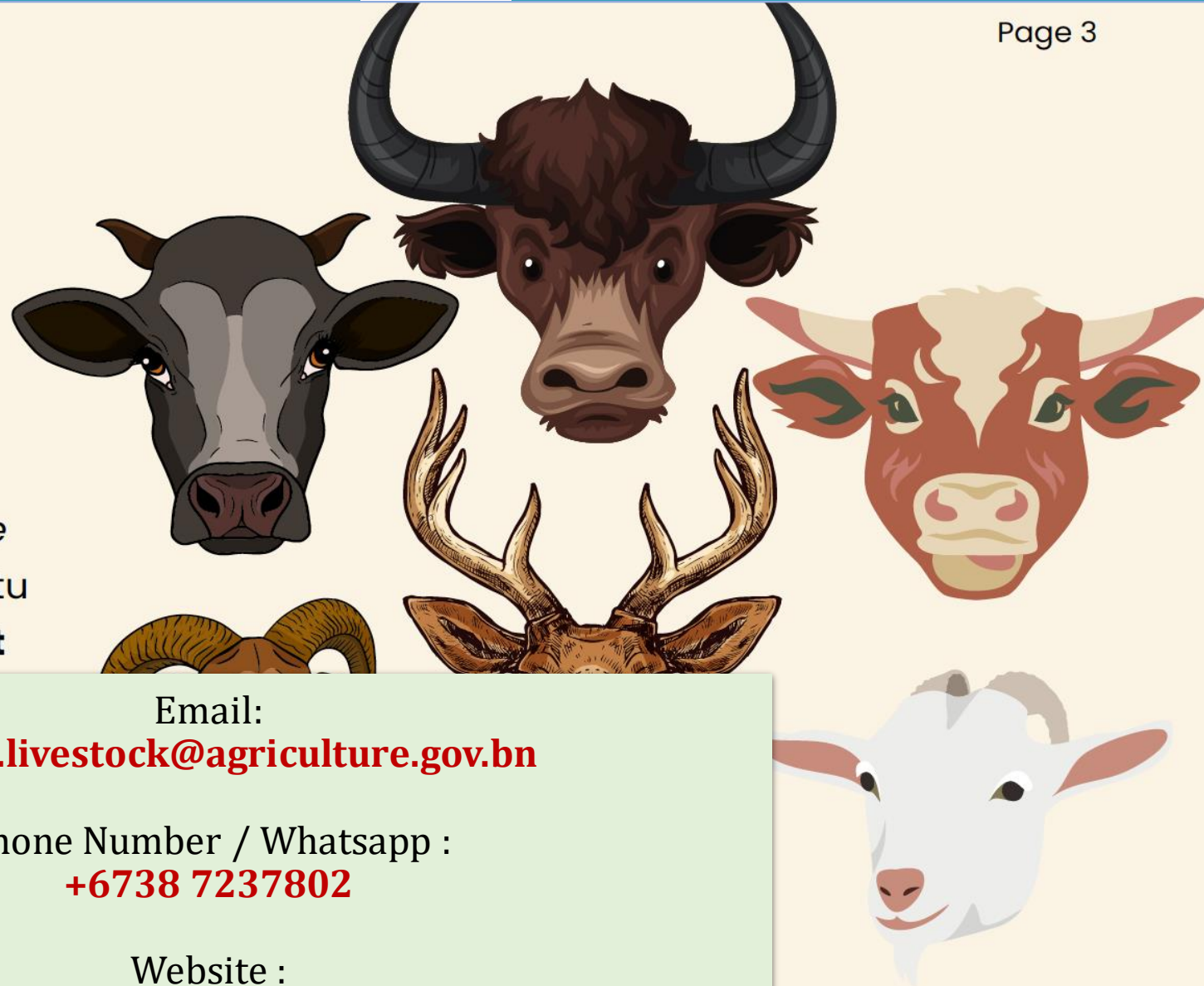
Singkatan bagi *Foot and Mouth Disease* atau Penyakit Kuku dan Mulut adalah satu **penyakit virus yang mudah berjangkit**

**dikalangan ternak**

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atau bina



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