

RESPONSE TO FMD INCURSION IN A
FREE COUNTRY
INDONESIA



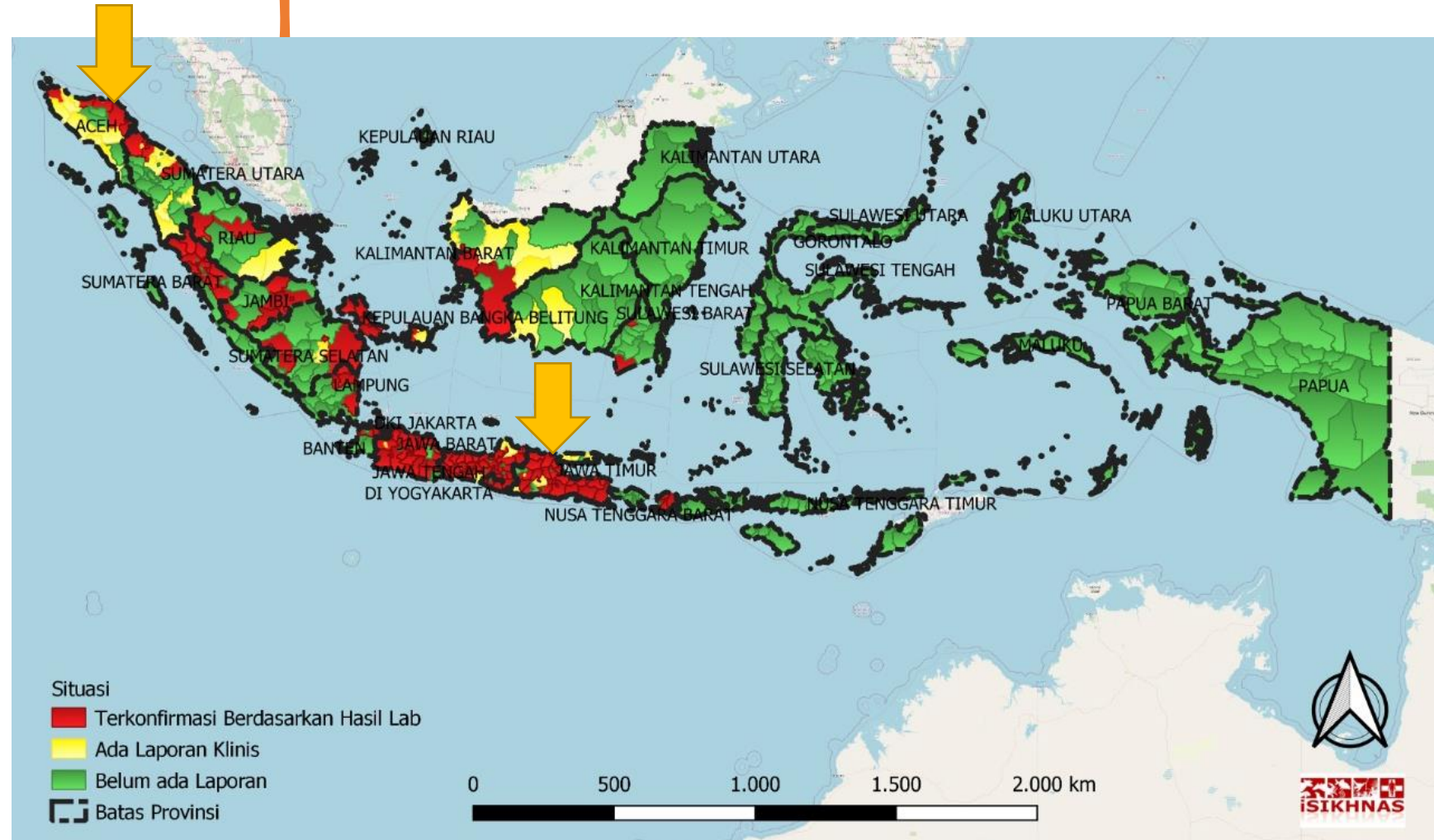
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OUTLINE

- FMD situation
 - Geographical spread
 - Epidemic curve
 - Characterization of the virus
- Principle of FMD control in Indonesia
 - Prevent contact with the source of FMD virus
 - Stop circulation of the virus in the environment
 - Protect the susceptible animals

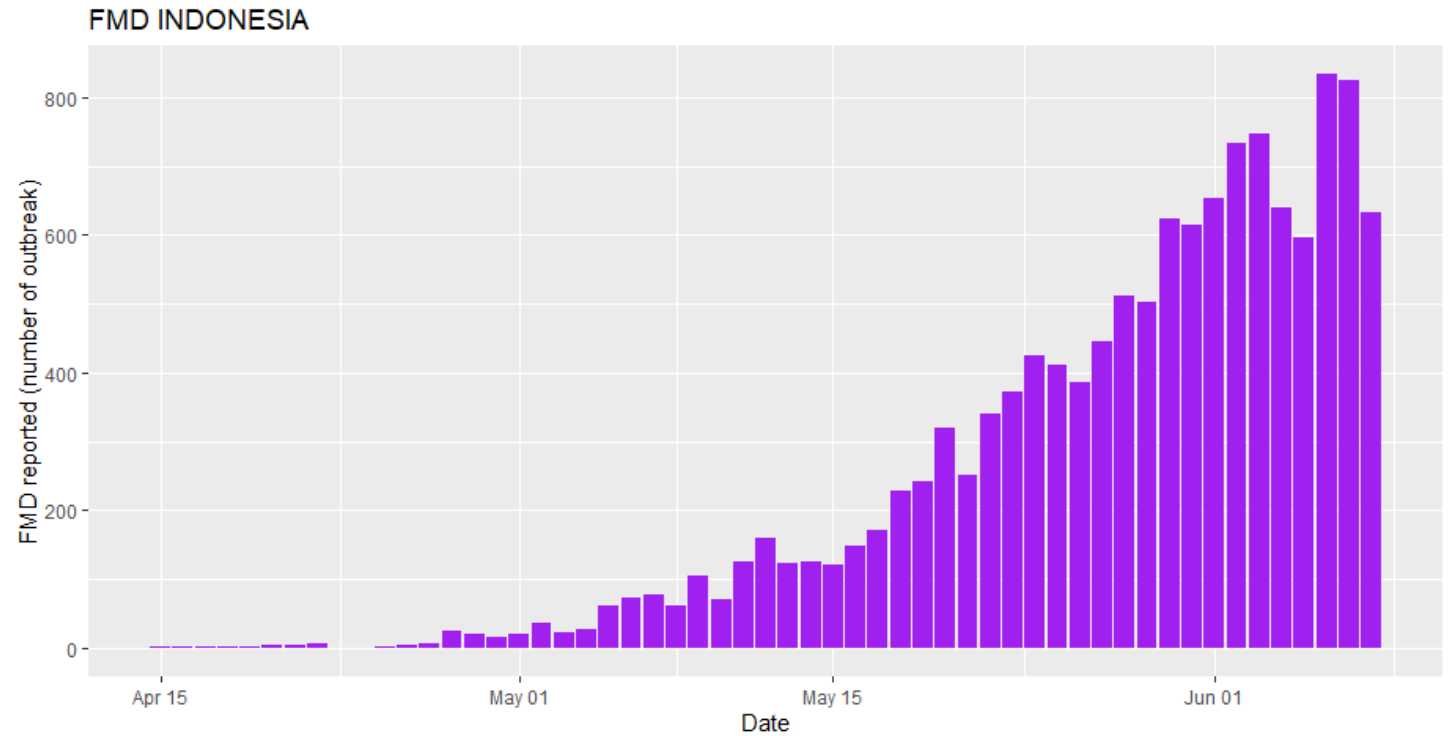
DISTRIBUTION OF FMD CASES

- First report in East Java and Aceh
- Up to 8 June 2022, infected provinces/districts
 - 18 Provinces
 - 170 districts



FMD EPICURVE

- First outbreak reported in 15 of April 2022
- The cases are still increasing



FMD VIRUS CHARACTERISATION

- Genotyping has been conducted by Pirbright Institute to 5 isolates from Aceh and East Java
- Serotype O/ME-SA/Ind-2001e was confirmed.



PRINCIPLE OF FMD CONTROL IN INDONESIA

Based on Indonesia Emergency Preparedness for FMD

1

Prevent contact
with the source of
FMD virus

- Movement control
- surveillance

2

Stop circulation of
FMD virus in the
environment

- Decontamination
- Disposal

3

Protect the
susceptible animals

- Vaccination

MOVEMENT CONTROL

- At farm level: Public awareness to farmers to avoid “panic selling”
- Live Animal Market: Closure the live animal market to stop virus circulation at the market
- Quarantine and movement control between areas: to stop the spread from infected areas and protect free areas



SURVEILLANCE

- Syndromic surveillance: public awareness to community to increase sensitivity of reporting from the field
- Investigation: field investigation and laboratory investigation to follow up reporting from the field
- Active surveillance/case findings: tracing forward FMD cases in infected areas to detect unreported cases



DECONTAMINATION AND DISPOSAL

- Decontamination: cleaning and disinfection of the affected farms using effective disinfectants
- Disposal: proper burial and decontamination of the carcass and contaminated products



VACCINATION STRATEGY

Protect high-value animals

- Target of vaccination: Breeding centers, dairy cattle population

Limit the spread/decrease R_0

- Target of vaccination: Susceptible animals that moving across provincial, or district border

Thank you for your attention