

# Wildlife Health in MYANMAR

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OIE Focal Point for Wildlife

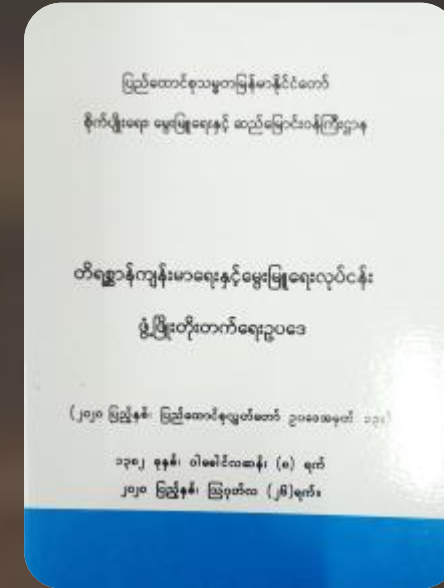
***Sub-regional Virtual Meeting on Wildlife Health and Networking  
for OIE Members in Southeast Asia***

***Thursday 28<sup>th</sup> October 2021***



# Wildlife policy

- *Two Key Ministries involved in wildlife policy*
  - *Ministry of Agriculture, Livestock and Irrigation*
    - ***Animal Health and Livestock Development Law (2020)***
    - *Veterinary Health Certification*
    - *Provide vaccination support (Anthrax and FMD vaccine for Elephant)*
    - *Test for rabies in suspected case in dog*
    - *Test for African swine fever in wild pig*
    - *Pathological testing of tiger, elephant*
    - *Surveillance for emerging viral disease (bat, primate, rodents, bush animals)*
  - *Ministry of Natural Resources and Environmental Conservation*
    - ***Protection of Biodiversity and Conservation of Protected Law (2018)***
    - *CITES permit approval for endangered species transport*
    - *Collaborate for rabies in suspected dog cases*
    - *Investigates mass die-offs in wildlife*

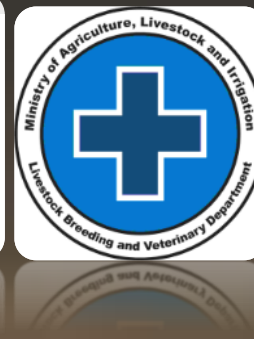


# Activities relating to wildlife

- *Activities performed by Veterinary Services relating to wildlife*
  - *Clinical care of wildlife*
  - *Disease surveillance in wildlife*
  - *Disease prevention (vaccination)*
  - *Pathological investigation*
  - *Regular veterinary laboratory service for working elephants*







# PREDICT MYANMAR Project

## FOCUS

- Detection and discovery of diseases at the wildlife-human interface
- Four viral families: Paramyxoviridae (Henipavirus of fruit bats), Orthomyxoviridae (Influenza viruses), Filoviridae (Ebola, Marburg), Coronaviridae (SARS/ MERS)



# Disease reporting

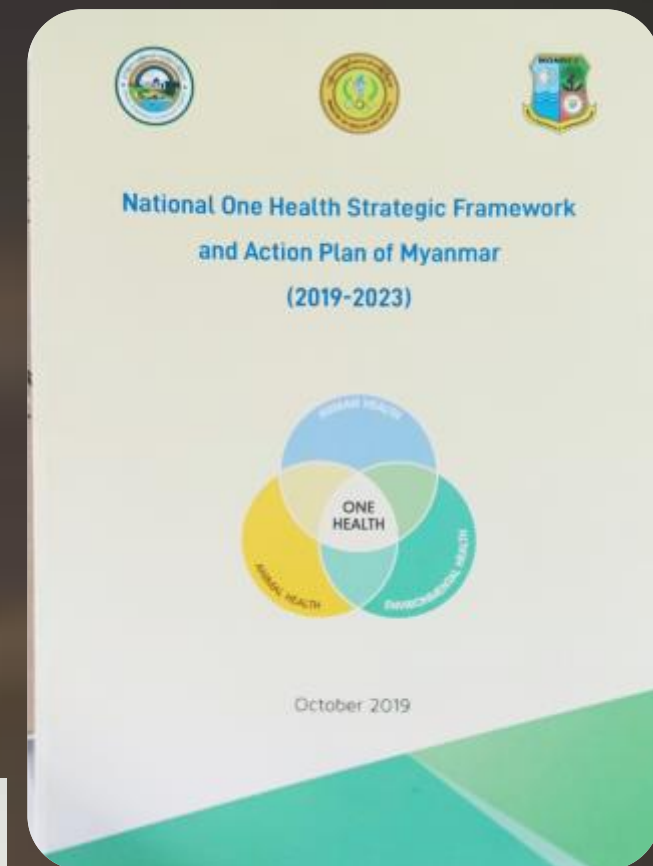
- *Summary of key diseases reported in wildlife in the past year*
  - *Reported to OIE WAHIS - None*

No	Year	Species	No. of Case	No. of Sample
1.	2016-2018	Bats, Rodents & People	1514	5000
2.	2019-2020	Elephant	41	603
3.	2020-2021	Elephant	24	165



# One Health

- *Outline how wildlife are included in One Health activities*
  - *Veterinarians (LBVD & Timber enterprise) are on a One Health committee, active surveillance of zoonotic diseases in wildlife by Ministry of Agriculture, Livestock and Irrigation*
  - *Ministry of Natural Resources and Environmental Conservation works on illegal wildlife trade to reduce risk of emerging infectious diseases*
  - *Ministry of Health and Sports works also zoonotic*





# Future activities

- *List 3 priority activities relating to wildlife health in your country over 2021-2022.*
  - *Wildlife disease surveillance (FMD, ASF, PPR, Rabies, AI)*
  - *Risk assessment at wildlife-domestic animals interface*
  - *Strengthen disease reporting and joint investigation*

