



Food and Agriculture  
Organization of the  
United Nations



World Organisation  
for Animal Health  
Founded as OIE

# Sharing Experiences in SEACFMD

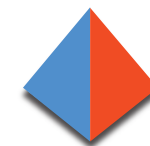
Bolortuya, P WOAHSRR SEA

Foot and Mouth Disease Working Group

Regional Advisory Group Meeting on FMD and PPR

July 2-4, 2024

Baku, Azerbaijan



## GF-TADS

GLOBAL FRAMEWORK FOR THE  
PROGRESSIVE CONTROL OF  
TRANSBOUNDARY ANIMAL DISEASES



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# SEACFMD- South-East Asia, China and Mongolia Foot and Mouth Disease (SEACFMD) Campaign



WHO WE ARE ▾ WHAT WE DO ▾ WHAT WE OFFER ▾

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## South-East Asia, China and Mongolia Foot and Mouth Disease (SEACFMD) Campaign



The recognition of foot and mouth disease (FMD) as a regional animal health and development issue by the World Organisation for Animal Health (OIE, formerly known as WOAH) led to the establishment of the South-East Asia Foot and Mouth Disease (SEAFMD) Campaign in the early 1990s. The SEAFMD was officially formed in 1997 by the founding member countries of Cambodia, Lao PDR, Malaysia, Myanmar, the Philippines, Thailand, and Vietnam. Despite being free of FMD, Indonesia recognized the importance of working with the campaign to maintain its disease-free status and joined as a member in 1999. In 2010, two other FMD-free countries, Brunei Darussalam and Singapore, and the People's Republic of China (PRC) joined the campaign, leading to its renaming as the South-East Asia and China FMD campaign (SEACFMD). In 2016, Mongolia also became a new member of the campaign.

The SEACFMD campaign is a major, challenging, and highly ambitious undertaking that covers 12 countries, with approximately 30 percent of the world's population residing in the region. The area also sees significant production of FMD-susceptible animals, including pigs, cattle, buffaloes, and small ruminants. The SEACFMD campaign aims to increase productivity and economic output in the livestock sector by controlling and eradicating FMD in South-East Asia, China, and Mongolia. FMD-free livestock will contribute to food security and the achievement of the United Nations Millennium Development Goals by ensuring that trade and production opportunities for rural smallholder farmers are not disrupted, thus providing them with a greater chance of overcoming poverty.

Since 1997

- Brunei Darussalam
- China
- Cambodia
- Indonesia
- Laos
- Malaysia
- Mongolia
- Myanmar
- Philippines
- Singapore
- Thailand
- Vietnam

## STRATEGIC GUIDANCE -SEACFMD ROADMAP (5 YEARS )

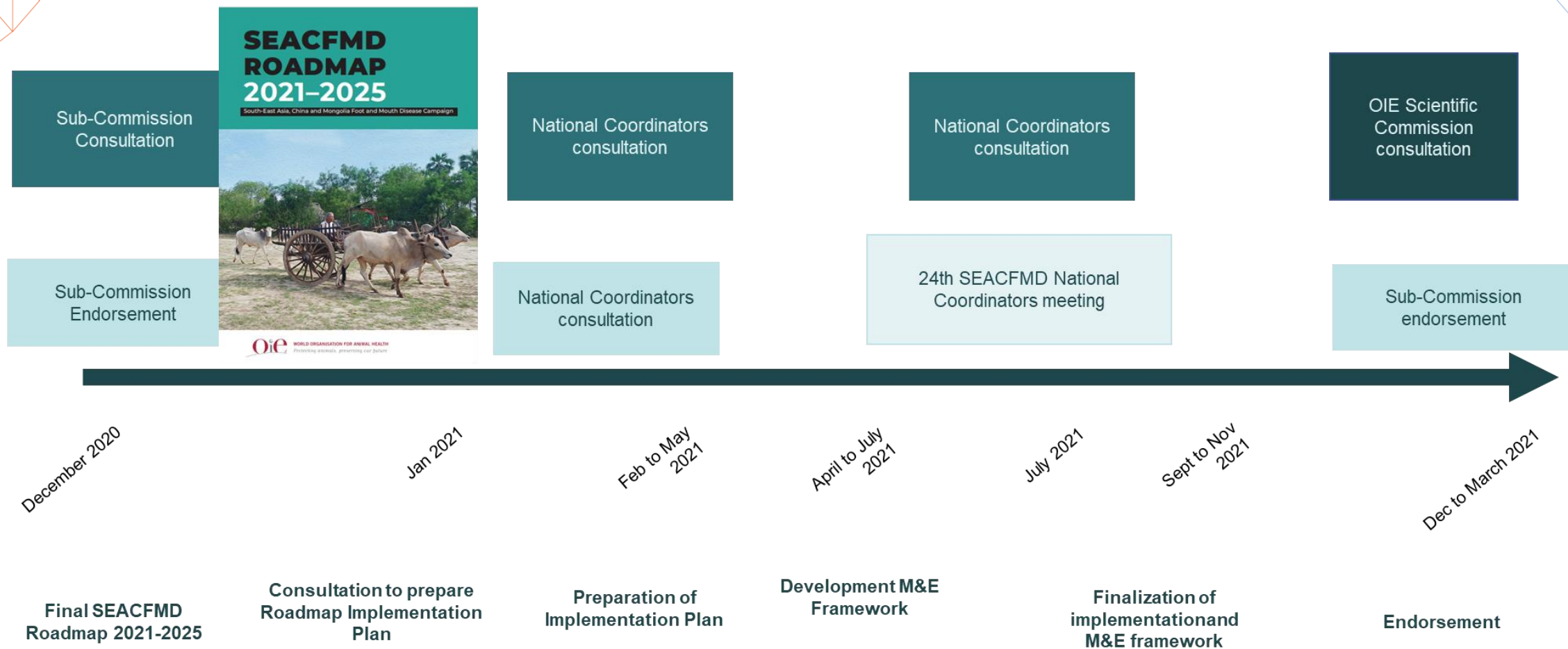


## Regional Risk-based approach to FMD control

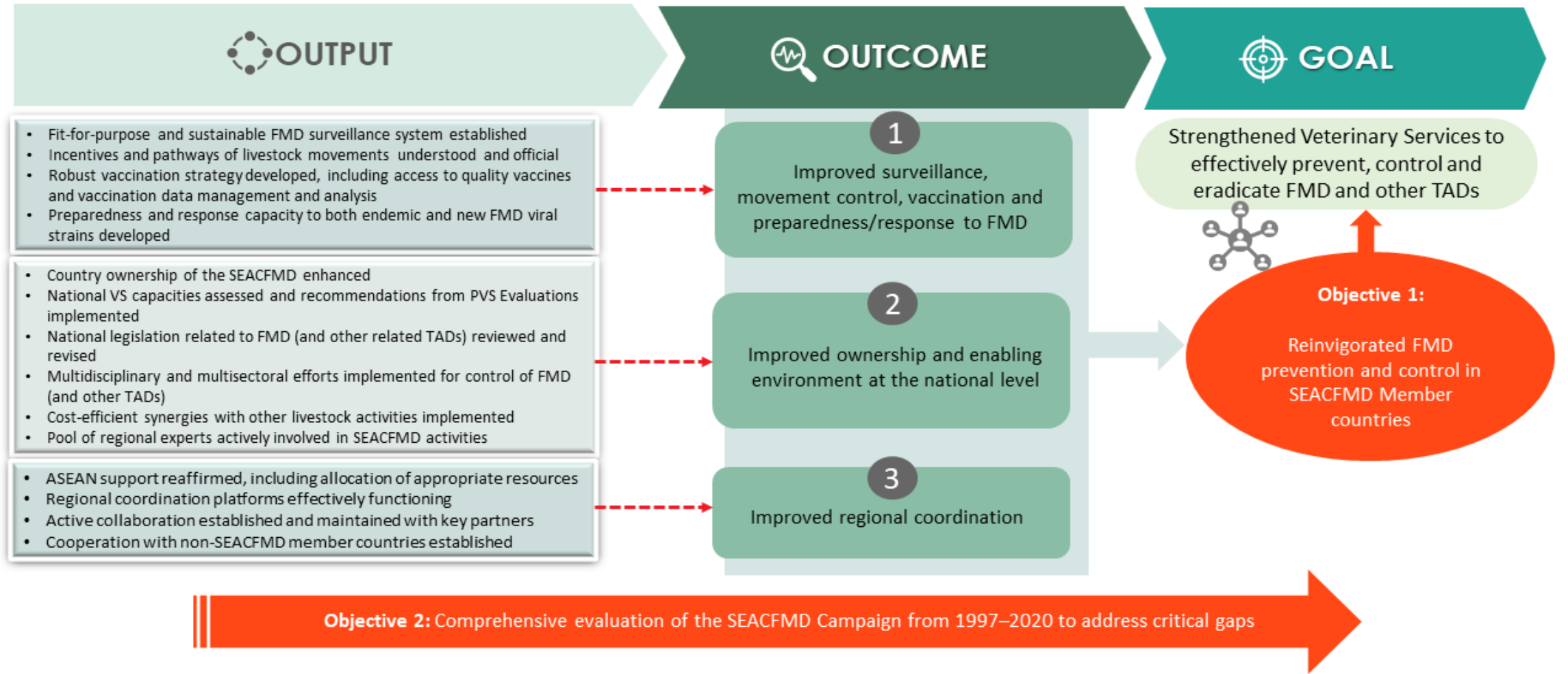
- Align with the National Foot-and-Mouth Disease (FMD) Control Plan
- Implement and monitor two levels of indicators:
  - Regional
  - National
- Introduce Theory of Change  
Represents a new approach in the latest Roadmap
- Integrated approach
  - Vaccination
  - Surveillance
  - Animal Movement control



# Rolling out of SEACFMD Roadmap 2021-2025



## THEORY OF CHANGE



### SEACFMD Governance:

- Sub-Commission
- Steering Committee
- National Coordinators
- Epidemiology Network (EpiNet)
- Laboratory Network (LabNet)

### National Stakeholders:

- Public sector
- Private sector
- Research institutions and academia
- Farmers and producers
- Consumers
- Local communities
- Local NGOs

### Regional stakeholders:

- ASEAN
- OIE SRRSEA
- FAO-RAP

### Other technical and advisory Groups:

- Private Sector Consultative Committee
- Regional FMD Expert Group
- Upper Mekong Region Working Group

# REGIONAL COORDINATION/GOVERNANCE

WOAH SRRSEA (Secretariat)

SEACFMD Sub-Commission

CVOs MCs +partners

Steering Committee

5 CVOs-President and Vice President -3 years term

National Coordinators (NCs)

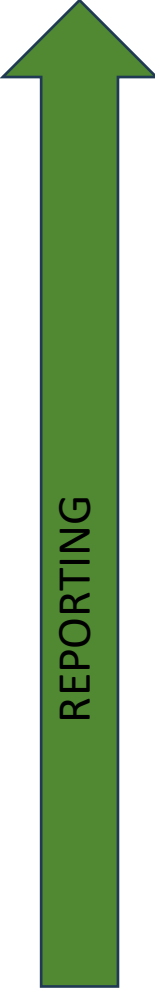
Technical Working groups led by NCs at country level

EpiNet and LabNet Focal Persons

Regional FMD Expert Group

Upper Mekong Working Group

Private Sector Consultative Committee Meeting



## Follow-up on the SEACFMD Governance Meeting Recommendations

### 26<sup>th</sup> SEACFMD Sub-Commission Meeting (16 to 18 March 2022)

- Support evaluation of SEACFMD Campaign from 1997 to 2020
  - SEACFMD campaign evaluation successfully completed with support of Members and Partners
- Enhance communication by digitization of FMD communication materials and development of SEACFMD Portal and dashboard.
  - Communication materials digitized – six infographics and 2 animated videos
  - SEACFMD Portal launched on 5 October 2022 during the 25<sup>th</sup> SEACFMD NC Meeting in Bali, Indonesia



## Follow-up on the SEACFMD Governance Meeting Recommendations

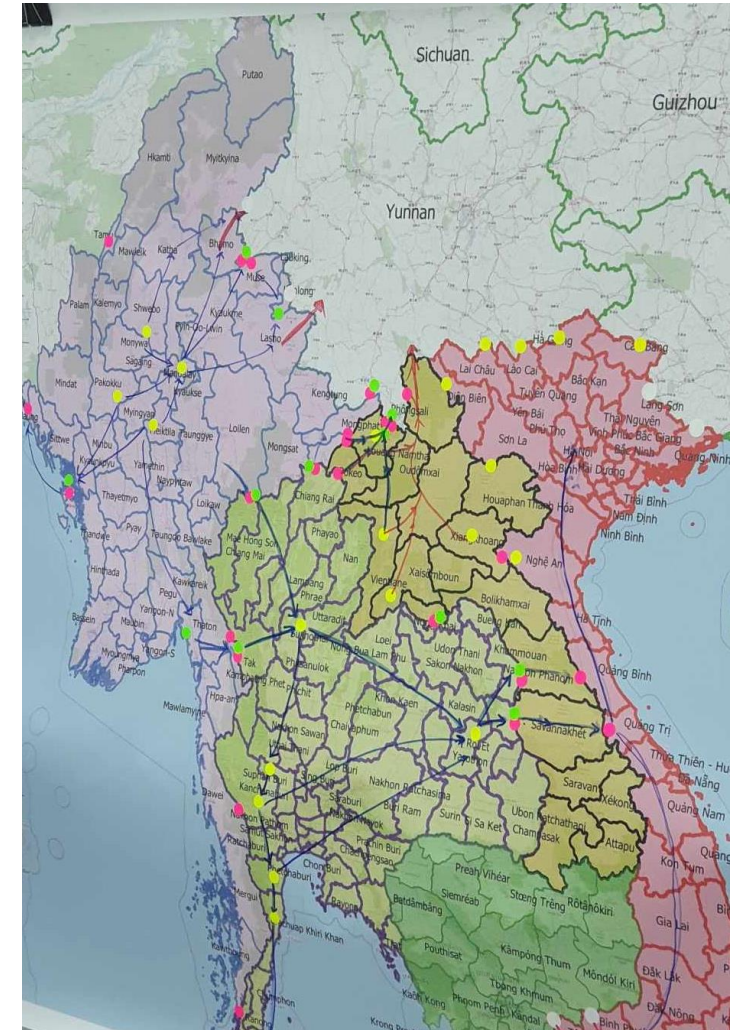
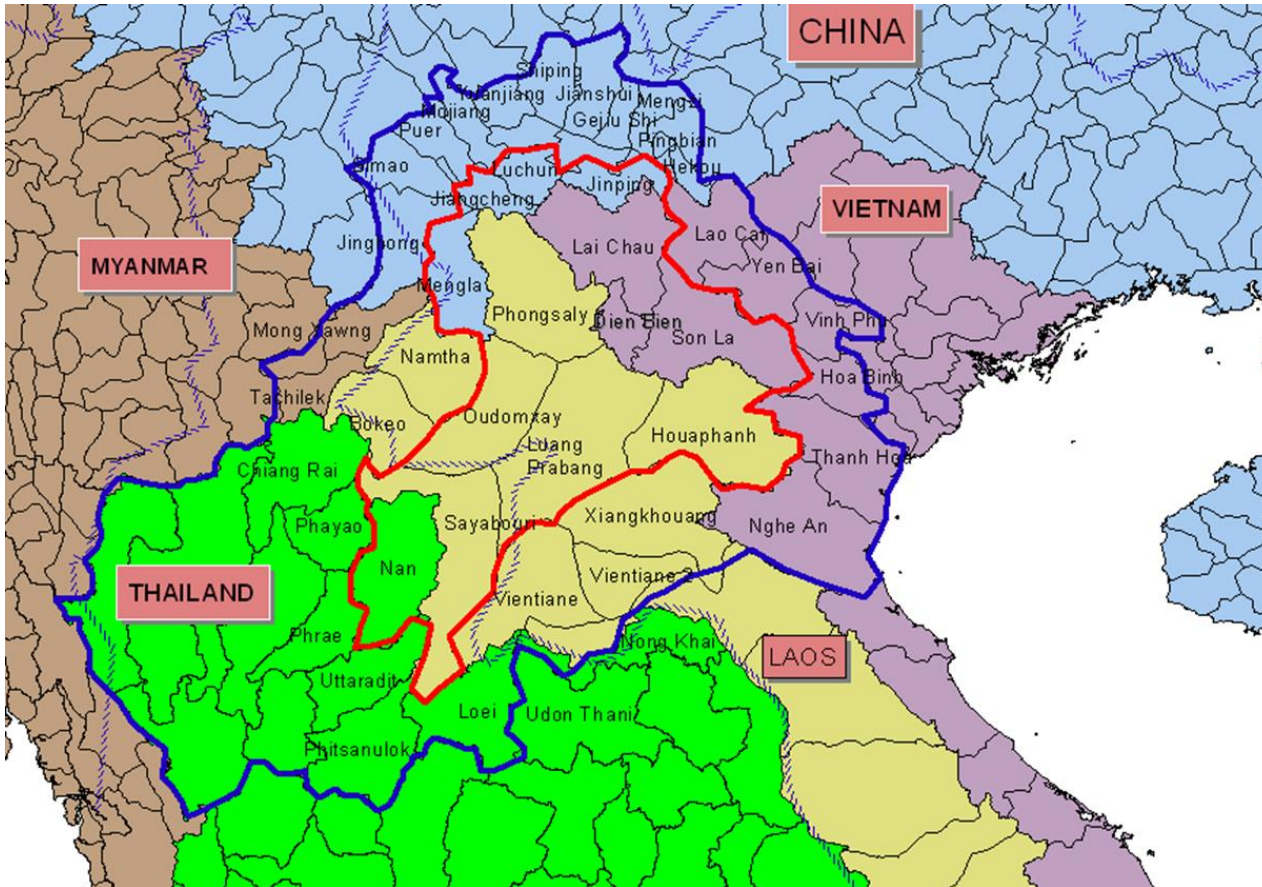
### 26<sup>th</sup> SEACFMD Sub-Commission Meeting (16 to 18 March 2022)

- To work on procedures to validate and declare freedom from Asia 1 serotype from the SEACFMD region.
  - Study to identify status of Asia 1 in SEA – ongoing
- to strengthen epidemiological investigation and management of FMD outbreaks with collection of samples and laboratory diagnosis including virus characterization and ensure closure of outbreak
  - Brainstorming session during the 25<sup>th</sup> NC Meeting in Bali and Virtual EpiNet/ LabNet Meeting in December 2023
- use modelling for identifying priority areas for vaccination; and CONDUCT anthropological studies on perceptions and behaviour of farmers on vaccination to enhance FMD vaccination.
  - Planned





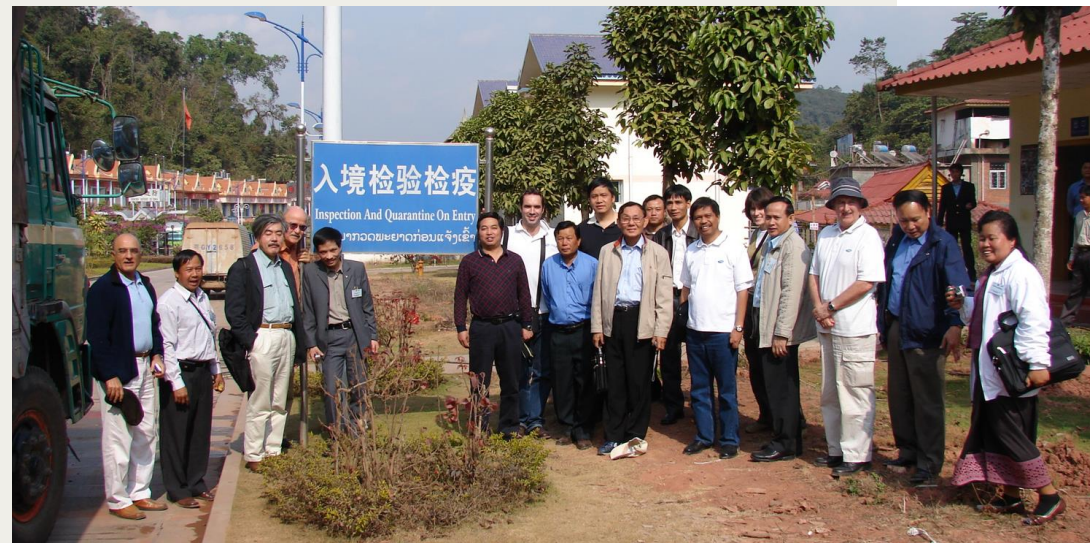
# Upper Mekong Working group (UMWG) on Zoning and Animal movement management





# Upper Mekong Working Group Meetings

| Year | Meeting | Country                      |
|------|---------|------------------------------|
| 2003 | 1st     | Luang Namtha, Lao PDR        |
| 2004 | 2nd     | Chiang Rai, Thailand         |
| 2004 | 3rd     | Yunnan, China                |
| 2005 | 4th     | Kyaington, Myanmar           |
| 2006 | 5th     | Hanoi, Vietnam               |
| 2007 | 6th     | Oudomxay, Lao PDR            |
| 2008 | 7th     | Chiang Rai, Thailand         |
| 2009 | 8th     | Mangshi, Yunnan, China       |
| 2010 | 9th     | Hanoi, Vietnam               |
| 2012 | 10th    | NayPyiTaw, Myanmar           |
| 2014 | 11th    | Bokeo, Lao PDR               |
| 2015 | 12th    | Vinh Phuc, Vietnam           |
| 2017 | 13th    | Mandalay, Myanmar            |
| 2019 | 14th    | Xishuangbanna, Yunnan, China |
| 2024 | 15th    | Luang Namtha, Lao PDR        |





# Joint Statement on harmonizing Procedures for Livestock Movement among Cambodia, China, Laos, Malaysia, Myanmar, Thailand and Vietnam (2016)



Signed on May 26<sup>th</sup>, 2016 in Paris, France

Signatories:

Dr Sen Sovann

Ministry of Agriculture, Forestry and Fisheries

CAMBODIA

Dr Kamarudin Bin Md Isa

Department of Veterinary Services

MALAYSIA

Dr Gongmin Wang

Veterinary Bureau  
Ministry of Agriculture

PR China

Dr Ye Tun Win

Livestock Breeding Veterinary Department

MYANMAR

Dr Somphanh Chanphengxay

Department of Livestock and Fisheries

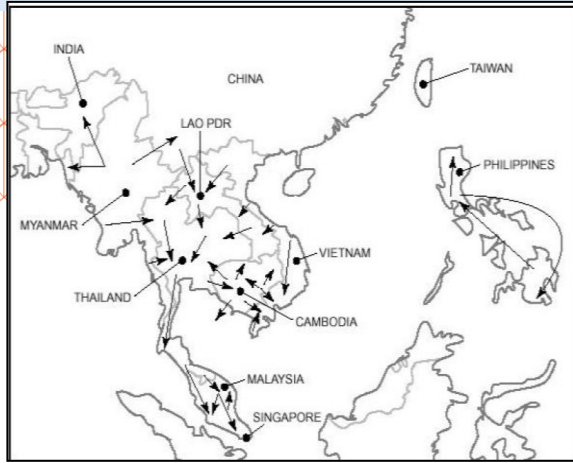
LAO PDR

Dr Ayuth Harintharanon

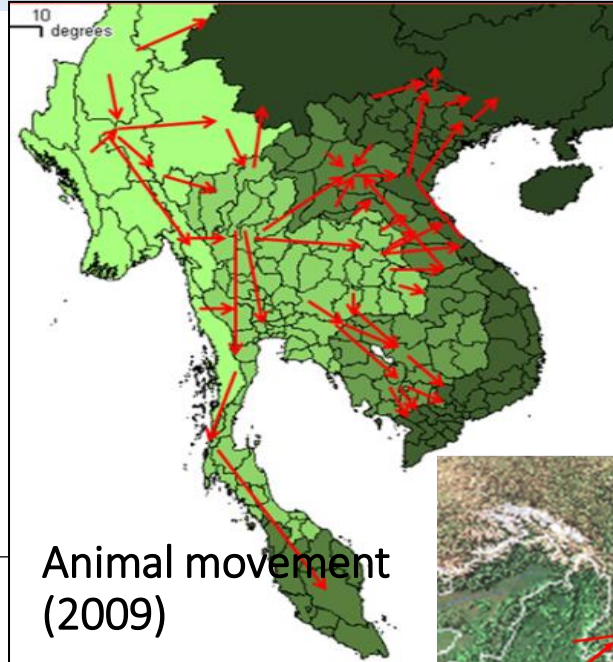
Department of Livestock Development

THAILAND

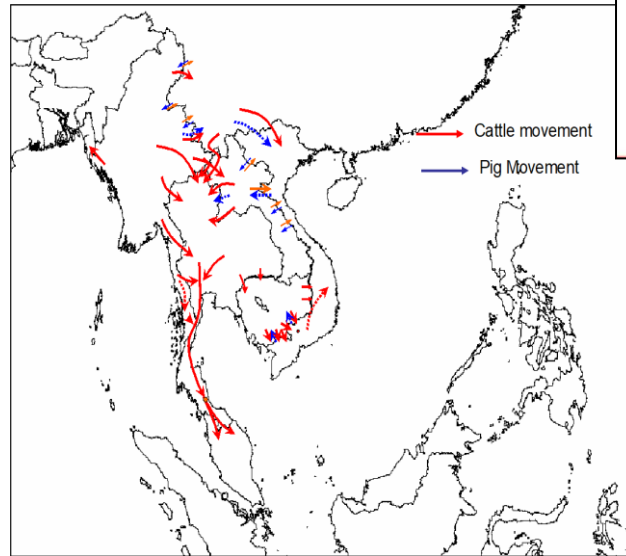
# Regional animal movement study and monitoring the changes



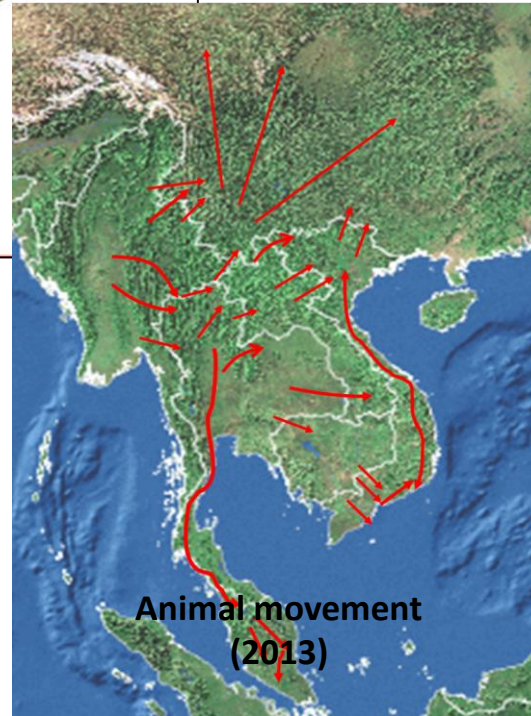
Animal movement (1998)



Animal movement (2009)



Animal movement (2006)



Animal movement (2013)



Animal movement (2015)



# Example of the Quarantine stations Myanmar and Lao PDR



Animal Quarantine Station (Kutkai)





## SEACFMD NETWORKING



Special Meeting of the National Coordinators  
focused on FMD Preparedness and Response  
2022

26<sup>th</sup> National Coordinators Meeting  
Kuala Lumpur, Malaysia-20233

LabNetwork Meeting 2023 (Lanzhou FMD Reference  
laboratory)

SEACFMD Steering Committee meeting 2023

27<sup>th</sup> Sub-Commission Meeting  
(September 2024)

# DATA SHARING AND TRANSPARENCY

## SEACFMD Portal and FMD Situation Dashboard

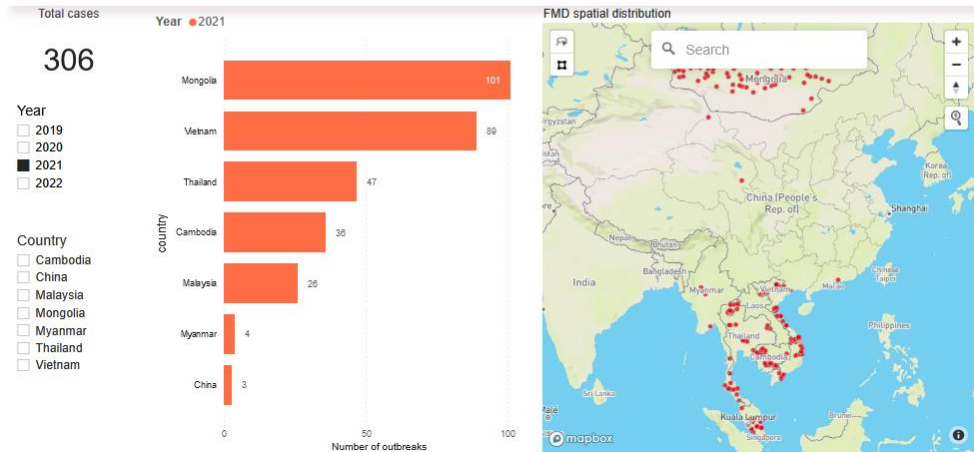
### FMD Situation Dashboard



#### REGIONAL FMD SITUATION



#### FMD OUTBREAK



## Publication of Annual SEACFMD Bulletins

ASEAN Regional Animal Health Information System (ARAHIS)

OIE Home Page Language: English

### ASEAN Regional Animal Health Information System

**ARAHIS**

Welcome to the ARAHIS system

This system is intended for the use of authorised representatives of members of ASEAN countries, for the purpose of sharing timely information on livestock diseases, to improve regional disease control.

To ensure the integrity of the disease information managed by the system, access is restricted by password.

This system has been developed with the cooperation of the ASEAN sectoral working group on livestock, and with support from the Australian Government (AusAID), OIE (head office in Paris, regional office in Tokyo, and regional coordination unit in Bangkok) and ACIL. The system builds on and extends the functions of existing regional animal health information systems, including the OIE's South East Asian Foot and Mouth Disease campaign and the Animal Health and Production Information System for ASEAN (AHPISA)

Username:

Password:



WHO WE ARE WHAT WE DO

SEACFMD Sub-Commission Meeting

Upper Mekong Working Group Meeting

National Coordinators Meeting

Laboratory / Epidemiology Network Meeting

Regional Expert Group Meeting

## COMMUNICATION AND ADVOCACY

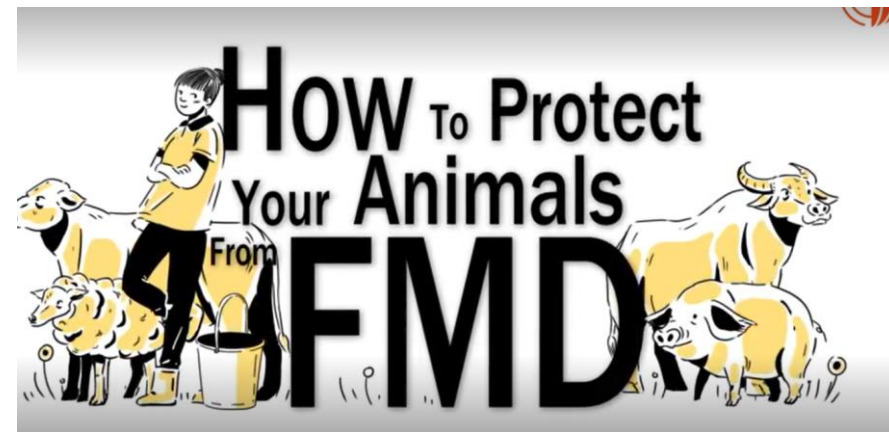
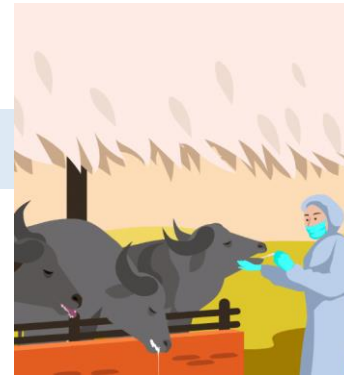
### Six Digital Materials – Infographics

- [How to recognise the disease in your cattle or other farm animals](#)
- [Action plan to fight against foot and mouth disease outbreaks](#)
- [How to avoid buying sick animals](#)
- [Biosecurity guidelines for traders](#)
- [Sampling for foot and mouth disease diagnosis](#)

### Two Animated Videos

#### Videos

- [Safer transport to protect animals from FMD](#)
- [How to protect your animals from FMD](#)



Bahasa, Burmese, Chinese, Malay,  
Mongolian, Laotian, Khmer

POLICY BRIEF DEVELOPMENT



## RESEARCH AND SURVEY

### RESEARCH AREA

Regional Study on  
Animal Price  
Monitoring

Animal Price  
Monitoring Pilot  
Study in Thailand

Study to identify status of  
Asia 1 in SEA and assess the  
detection probability of  
FMDV Asia 1 in SEACFMD  
region

Conduct in depth FMD  
risk assessment in Johor  
and Langkawi, Malaysia -

Animal movement study

### Annual survey

- FMD Vaccination
- Active surveillance
- Training needs



The Feasibility of Establishing an Animal Price Monitoring System in SEACFMD Region with the Goal of Predicting Livestock Movements and Transboundary Animal Disease Risk



May 2022

## COORDINATION AND COLLABORATION



Targeted support

Malaysia: FMD depth risk assessment

Cambodia: RBSP development

Thailand:

- Pilot Animal Price Monitoring study
- Pak Chong FMD diagnostic laboratory



PPR strategy with focus on emergency preparedness

LSD Control strategy

H5N1 Control Strategy



**Australian Government**  
**Department of Agriculture,  
Fisheries and Forestry**



**Australian Government**  
**Department of Foreign Affairs and Trade**



<https://rr-asia.woah.org/en/our-mission/our-mission-regional-strategies/the-south-east-asia-and-china-foot-and-mouth-disease-seacfmd-campaign/>

THANK YOU