



World Organisation
for Animal Health



Progress of SEACFMD Campaign and Review of SEACFMD Governance Meeting recommendations

Karma Rinzin

Regional Animal Health Coordinator

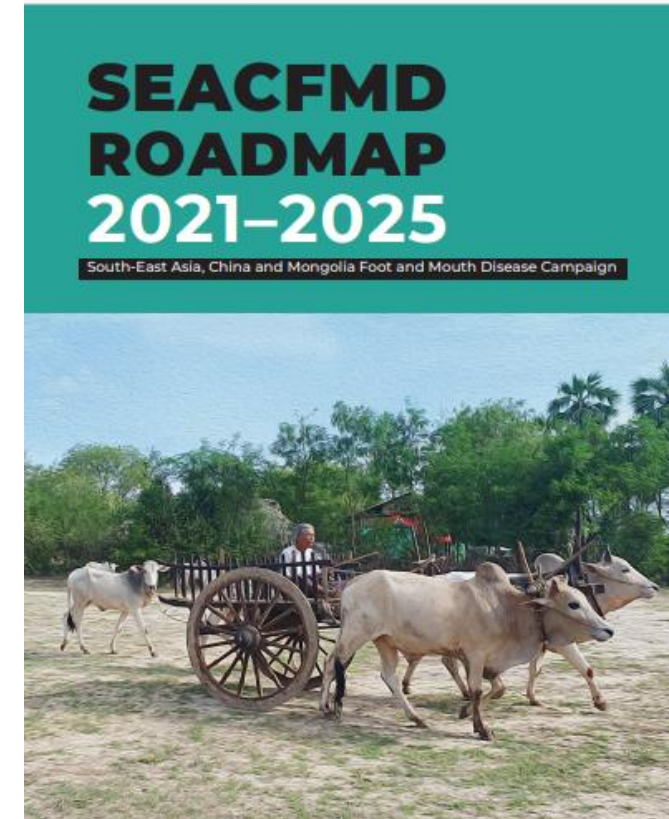
WOAH SRRSEA

Pre SEACFMD Sub-Commission Meeting

28 July 2026, Ulaanbaatar, Mongolia

Outline

- Background
 - SEACFMD Roadmap Theory of Change
- Progress of the SEACFMD Campaign
 - Roadmap 2021 – 2025
 - Roadmap 2026 - 2030
- Review of the SEACFMD Governance Meeting Recommendations



OIE WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future

OUTPUT

- Fit-for-purpose and sustainable FMD surveillance system established
- Incentives and pathways of livestock movements understood and official
- Robust vaccination strategy developed, including access to quality vaccines and vaccination data management and analysis
- Preparedness and response capacity to both endemic and new FMD viral strains developed

- Country ownership of the SEACFMD enhanced
- National VS capacities assessed and recommendations from PVS Evaluations implemented
- National legislation related to FMD (and other related TADs) reviewed and revised
- Multidisciplinary and multisectoral efforts implemented for control of FMD (and other TADs)
- Cost-efficient synergies with other livestock activities implemented
- Pool of regional experts actively involved in SEACFMD activities

- ASEAN support reaffirmed, including allocation of appropriate resources
- Regional coordination platforms effectively functioning
- Active collaboration established and maintained with key partners
- Cooperation with non-SEACFMD member countries established

OUTCOME

1

Improved surveillance, movement control, vaccination and preparedness/response to FMD

2

Improved ownership and enabling environment at the national level

3

Improved regional coordination

GOAL

Strengthened Veterinary Services to effectively prevent, control and eradicate FMD and other TADs



Objective 1:

Reinvigorated FMD prevention and control in SEACFMD Member countries

Objective 2: Comprehensive evaluation of the SEACFMD Campaign from 1997–2020 to address critical gaps

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

Stakeholders

Outcome 1: Improved surveillance, movement control, vaccination and preparedness/ Response

Study to assess the status of implementation of FMD vaccination in SEACFMD Members

Assess National Animal Health Information System

Assess Emergency Preparedness and Response Capacity – Malaysia and The Philippines

Regional Workshop on Safe Trade

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

Emergency Preparedness Workshop

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

Capacity building – Trainings

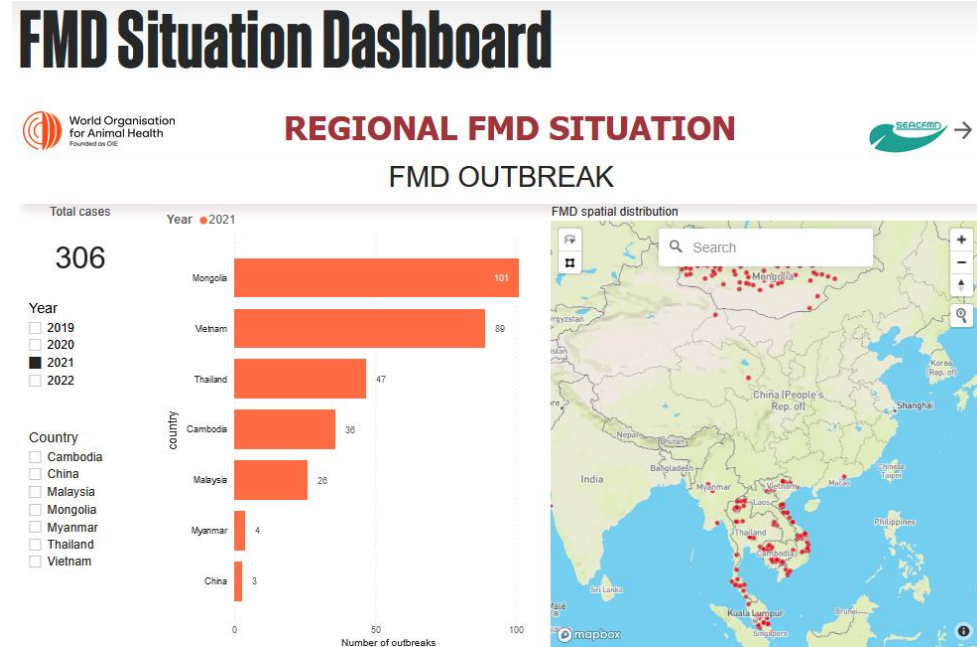
Animal Movement Study in South-East Asia

Animal Price Monitoring Study – Regional & Country Level

Regional Workshop on Zoning and Compartmentalisation

Outcome 1: Improved surveillance, movement control, vaccination and preparedness/ Response

SEACFMD Portal and FMD Situation Dashboard



Publications in peer-reviewed International Journals – 7 papers

Preventive Veterinary Medicine 244 (2025) 106663



Contents lists available at ScienceDirect

Preventive Veterinary Medicine

journal homepage: www.elsevier.com/locate/prevetmed

Probability of freedom from foot-and-mouth disease virus serotype Asia 1 in Southeast Asia, China and Mongolia

Masako Wada^{a,*}, Jun Hee Han^a, Bolortuya Purevsuren^b, Karma Rinzin^b, Ashish Sutar^b, Ronello Abila^b, Supatsak Subharat^a

^a EpiCentre, School of Veterinary Science, Massey University, Palmerston North, New Zealand

^b Sub-Regional Representation for South-East Asia, World Organisation for Animal Health, Bangkok, Thailand

Routine activities – Publication of Annual SEACFMD Bulletins, Regular updates on SEACFMD dashboard, application of WOA standards etc.

Outcome 1: Improved surveillance, movement control, vaccination and preparedness/ Response – Publications in International Journals

Transboundary and
Emerging Diseases



ORIGINAL ARTICLE

Livestock movement patterns in the main livestock production provinces of Lao PDR

S. Subharat✉, M. Wada, A. Sutar, R. Abila, S. Khounsouy, C. Heuer

First published: 25 August 2021 | <https://doi.org/10.1111/tbed.14303>

 **frontiers**
in Veterinary Science

BRIEF RESEARCH REPORT
published: 23 July 2021
doi: 10.3389/fvets.2021.691308



Detection of Foot-and-Mouth Disease Virus in the Absence of Clinical Disease in Cattle and Buffalo in South East Asia

Kelly Buckle^{1*}, Rudolfo Bueno¹, Andrew McFadden¹, Mary van Andel², Richard Spence¹, Carolyn Hamill¹, Wendi Roe³, Emilie Vallee³, Fernanda Castillo-Alcala³, Ronel Abila⁴, Blesilda Verin⁴, Bolortuya Purevsuren⁴, Ashish Sutar⁴, Htun Htun Win⁵, Myo Thiha⁵, Khin Ohnmar Lwin⁵, Syseng Khounsouy⁶, Sengxay Phonthasay⁶, Vilideth Souriya⁶, Chattouphone Keokhamphet⁶, Jonathan Arzt⁷, Anna Ludi⁸ and Valérie Mioulet⁸

Transboundary and
Emerging Diseases



ORIGINAL ARTICLE

Impact of risk-based partial vaccination on clinical incidence and seroprevalence of foot and mouth disease in Lao PDR

Jun-Hee Han✉, Supatsak Subharat, Masako Wada, Daan Vink, Bernard J. Phiri, Ashish Sutar, Ronello Abila
... See all authors ▾

First published: 19 August 2021 | <https://doi.org/10.1111/tbed.14299>

Potential of an Animal Price Monitoring System to Support Prediction of Foot and Mouth Disease Outbreaks

Veerasak Punyapornwithaya¹, Supitchaya Srisawang¹, Chalita Jainonthee¹, Wengui Li², Ronello Abila³ & Bolortuya Purevsuren³

¹Research Center of Veterinary Biosciences and Veterinary Public Health, Faculty of Veterinary Medicine, Chiang Mai University, Chiang Mai 50100, Thailand, ²College of Veterinary Medicine, Yunnan Agricultural University, Kunming 650201, China, ³World Organisation for Animal Health (WOAH) Sub-Regional Representation for South East Asia, Bangkok 10400, Thailand

Epidemiology of Foot-and-Mouth Disease Outbreaks in the SEACFMD Region

Veerasak Punyapornwithaya¹, Supitchaya Srisawang¹, Chalita Jainonthee¹, Wengui Li², Ronello Abila³, Karma Rinzin³, Ashish Sutar³ & Bolortuya Purevsuren³

¹Research Center of Veterinary Biosciences and Veterinary Public Health, Faculty of Veterinary Medicine, Chiang Mai University, Chiang Mai 50100, Thailand, ²College of Veterinary Medicine, Yunnan Agricultural University, Kunming 650201, China, ³World Organisation for Animal Health (WOAH) Sub-Regional Representation for South East Asia, Bangkok 10400, Thailand



World Organisation
for Animal Health

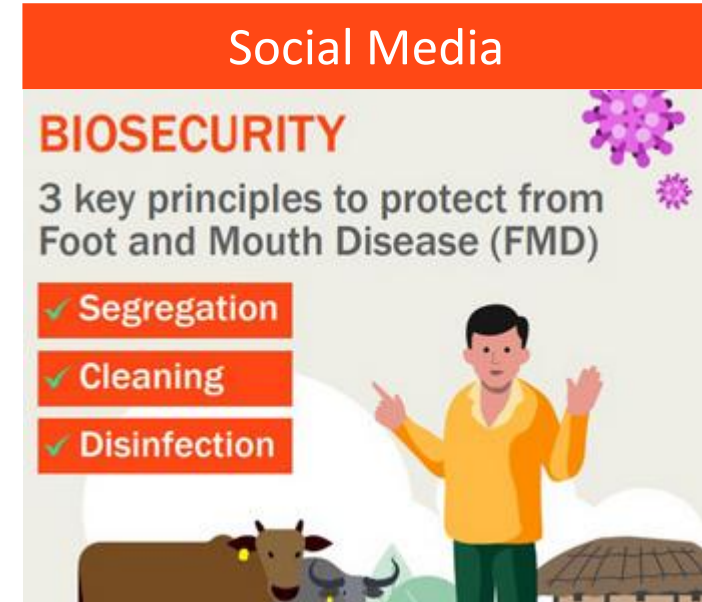
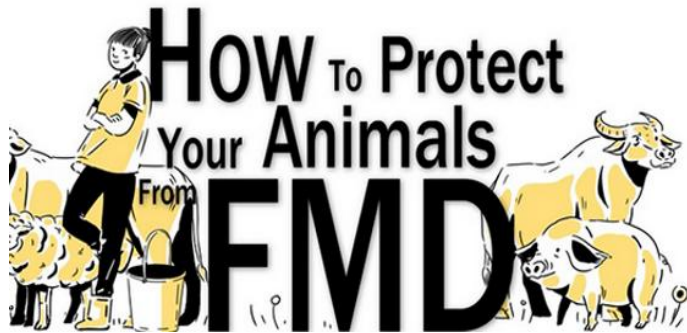


Develop digital FMD awareness and advocacy tools

<https://rr-asia.woah.org/en/news/new-awareness-communication-materials-on-foot-and-mouth-disease/>

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

- Safer transport to protect animals from FMD
- How to protect your animals from FMD

Outcome 2: Improved ownership and enabling environment at national level

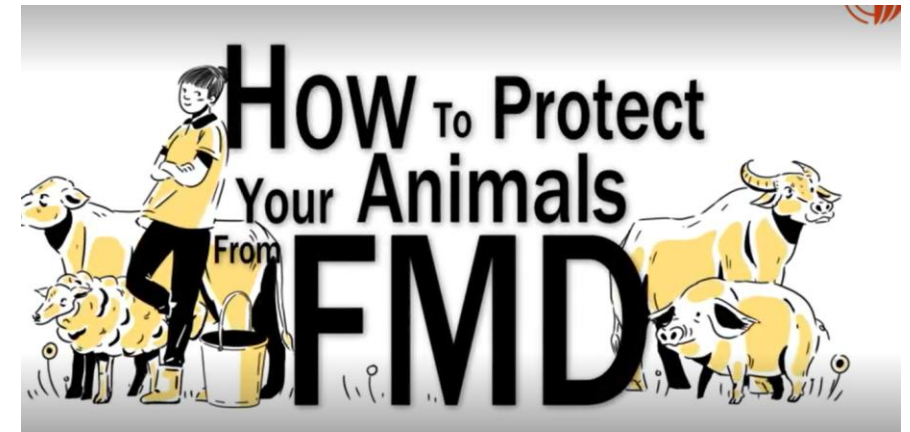
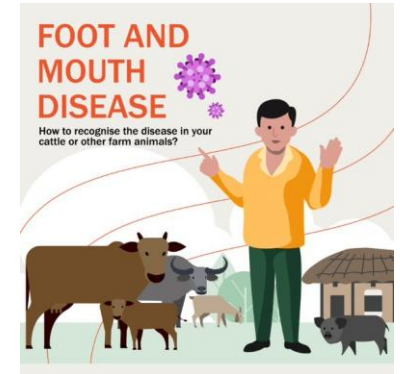
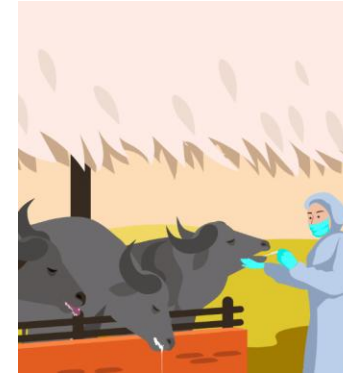
Support and implement PVS Evaluation Mission including PVS targeted support

Develop Policy brief on importance of using quality FMD vaccine and FMD control

Conducted review of animal health Legislations in South-East Asia

Supporting development FMD Risk-based Strategic Plan (Laos, Myanmar and Cambodia)

Members assessing their FMD control programme using FMD-PCP Self Assessment Tools



Translation of digitized materials into local languages

Outcome 3: Improved Regional Coordination

Participate in Global Coordination Committee, Global FMD Working Group, WOAHP Regional Commission Meetings, Global GF-TADs Steering Committee Meeting

Liaised with FAO in the implementation of GF-TADs activities and implementation of Regional GF-TADs Strategy for Asia and Pacific (2023 – 2027)

Maintained partnership with Partners, Research Institutions and CC/ RLs.

Maintained cooperation with non SEACFMD Members by inviting them to SEACFMD Meetings

SEACFMD Governance Meetings



WHO WE ARE ▾ WHAT WE DO ▾

SEACFMD Sub-Commission Meeting

Upper Mekong Working Group Meeting

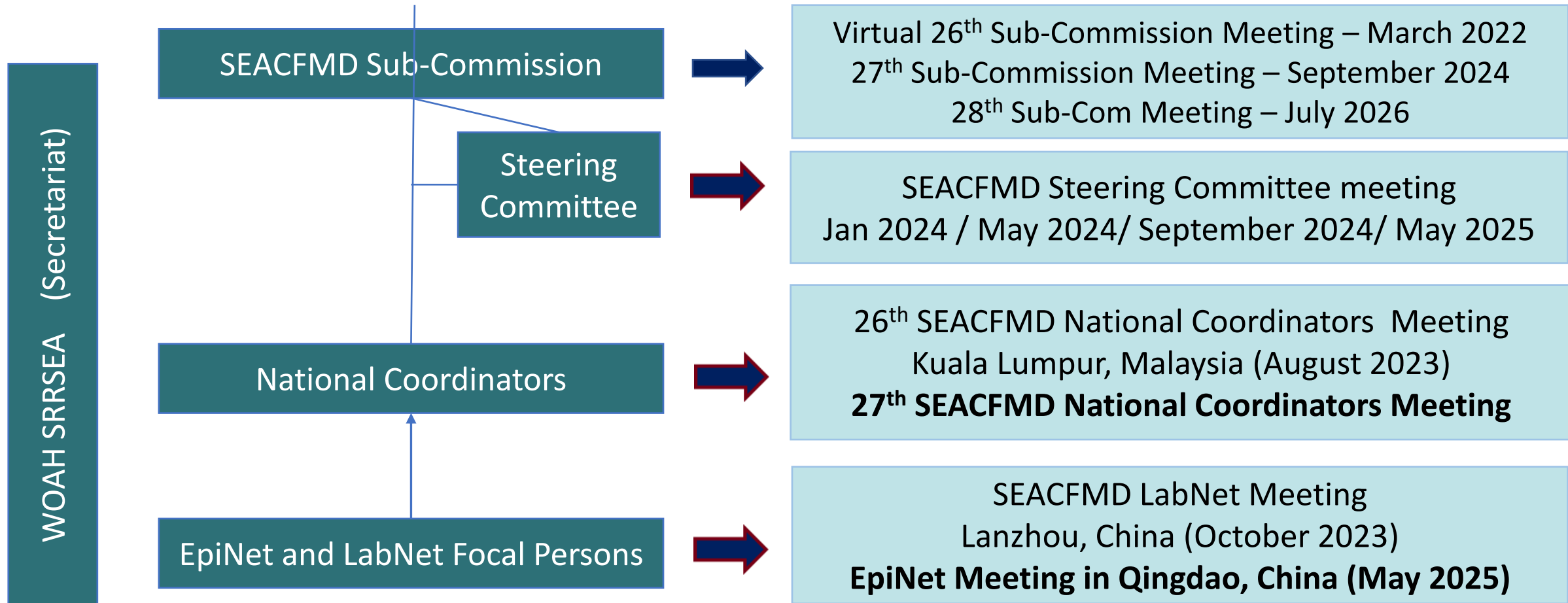
National Coordinators Meeting

Laboratory / Epidemiology Network Meeting

Regional Expert Group Meeting

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

SEACFMD Governance Meetings



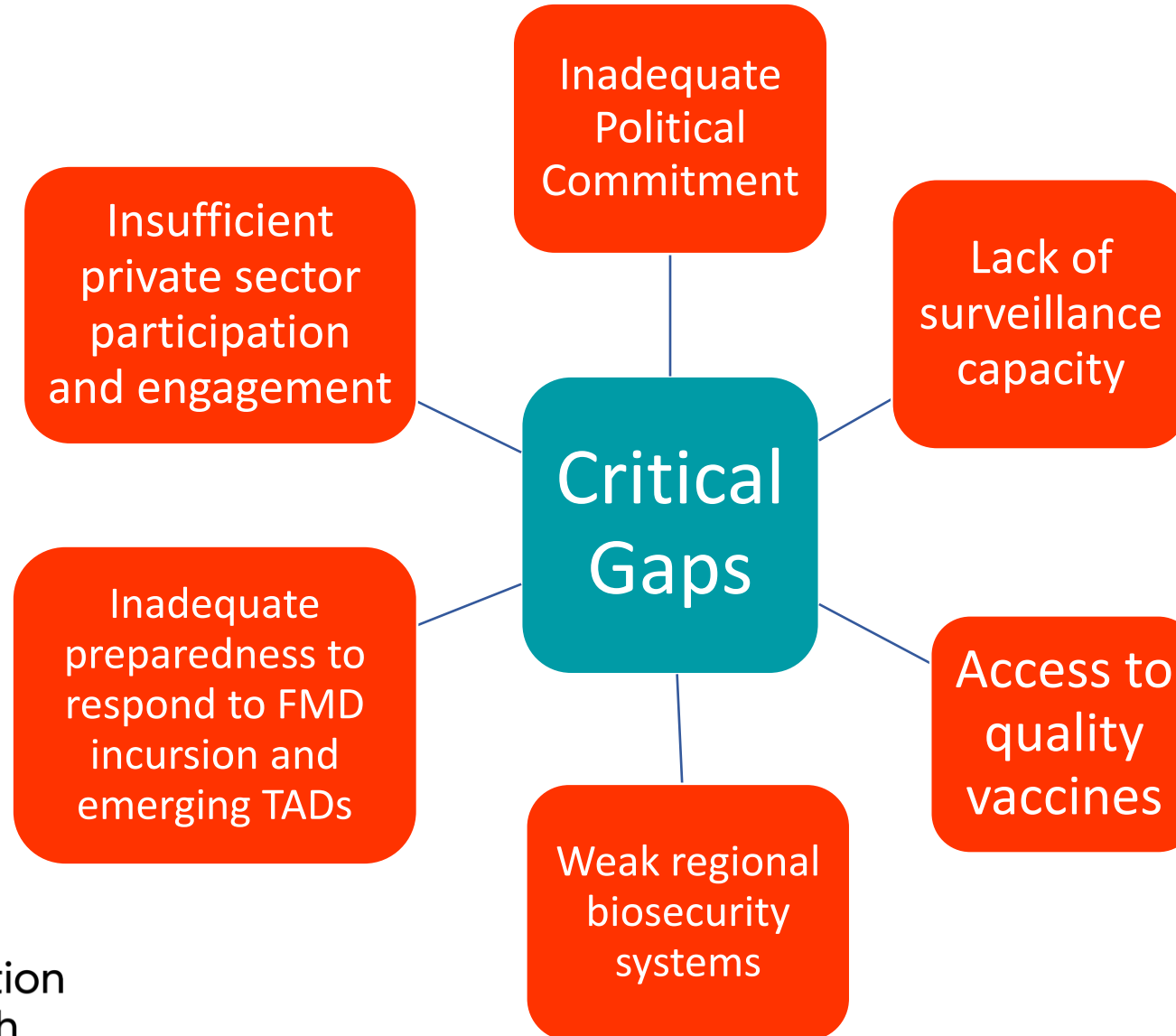
World Organisation
for Animal Health

15th Upper Mekong Working
Group Meeting in April 2024

Private Sector Consultative
Committee Meeting
(Virtual, March 2025)



Evaluation of SEACFMD Campaign from 1997 to 2020



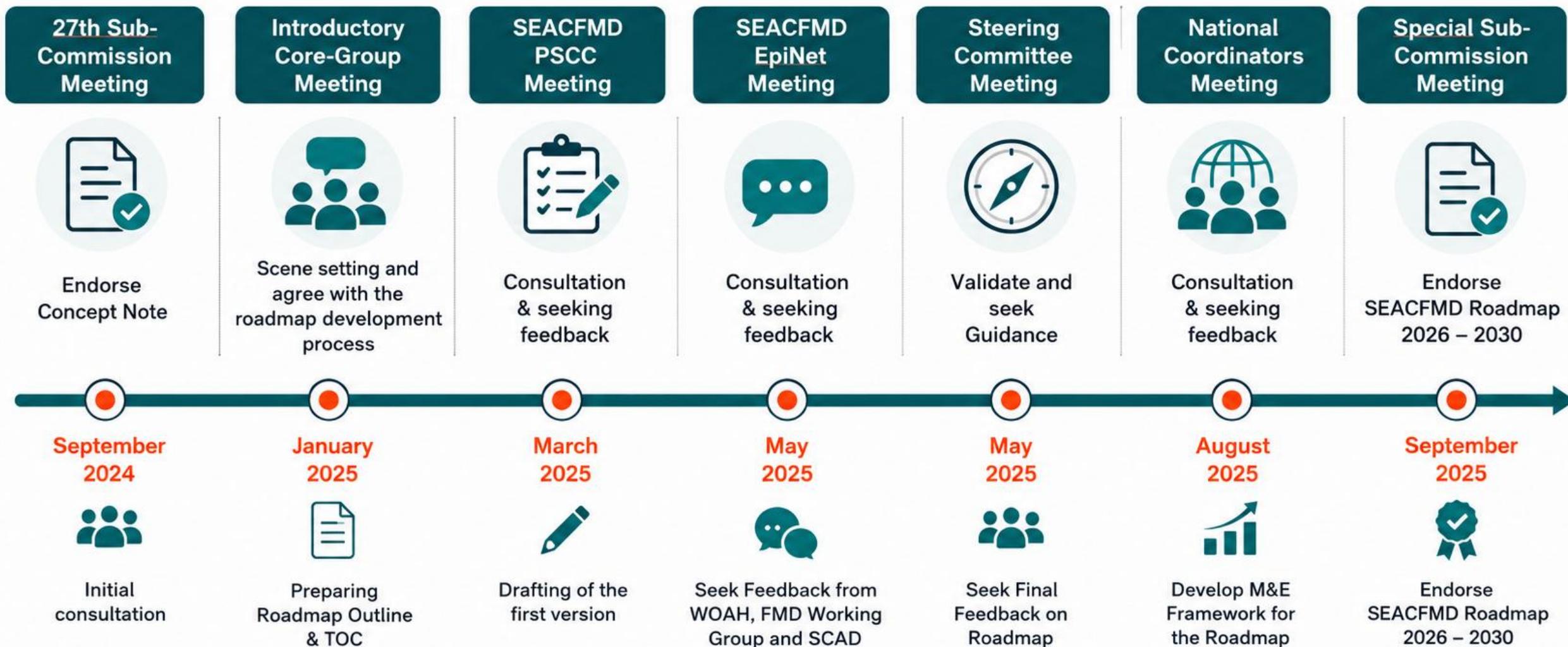
Context: Challenges

- Socio-economic challenges
 - Rapid intensification in livestock production, efficiency but also magnifies outbreak risks.
 - Most farms remain smallholder/backyard with weak biosecurity;
 - Rising urban demand drives prices, imports, and long-distance animal movement;
 - e-Commerce of livestock and livestock products
- Logistical and policy challenges
 - FMD control capacity varies among Members
 - Political commitment is uneven; some VS under-resourced,
 - Ownership and sustainability
 - Limited private sector engagement

Context: Technical Challenges

- Spread of new FMD Virus serotypes and strains from other pools
- Progression of SEACFMD PCP stages and maintenance of WOAH free status and official control programme
- Under-reporting and low rate of FMD virus typing
- Sensitivity of passive surveillance?
- Access to quality FMD vaccines and poor vaccination coverage
- Competing TAD priorities stretch resources (ASF, LSD)
- Weak regional biosecurity - Cross-border movements, porous borders, and poor traceability drive spread;
- Emergency preparedness and Response capacity of some Members?

SEACFMD Roadmap Development



SEACFMD Roadmap 2026 – 2030

Enhanced engagement and multi-disciplinary partnerships with key stakeholders

Cross border collaboration and partnerships among key stakeholders

OUTPUTS



- Fit for purpose FMD Surveillance
- Veterinary Laboratory diagnostic system
- Movement control, quarantine and biosecurity
- FMD vaccination and access to quality vaccines
- Emergency preparedness and contingency planning

OUTCOME 3

Enhanced partnerships and regional collaboration for effective FMD and TADs control.

Efficient and effective SEACFMD coordination platforms

Sustained collaboration with key partners in the region



OUTPUTS

- Policies and legislations
- Communication, Advocacy and stakeholder engagement
- Cost efficient synergies with other TADs control

GOAL

To achieve regional control and eradication of FMD through strengthened veterinary services and regional collaboration

FMD control enhanced through risk-based strategies, supporting PCP-FMD progress and maintaining FMD-free zones

OUTCOME 1

Improved ownership and enabling environment (policy, legislation, advocacy, workforce) at national level

OUTCOME 2

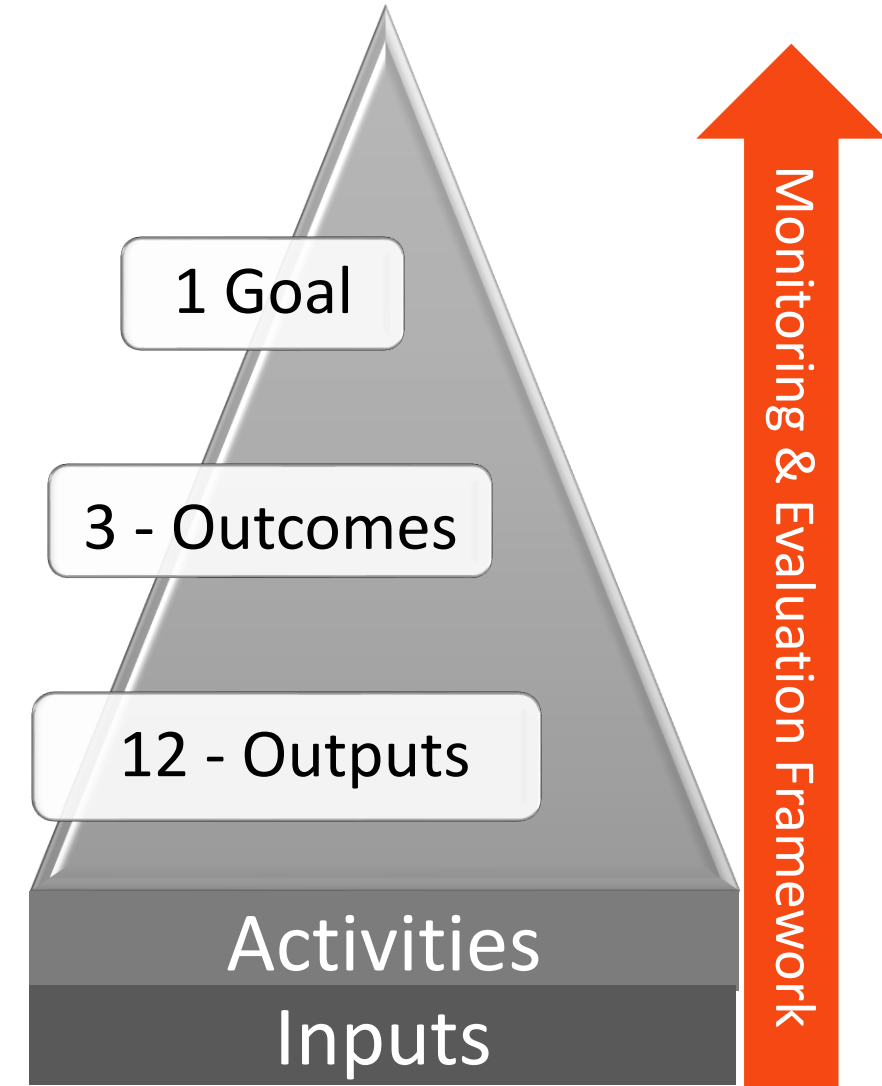
SEACFMD Roadmap 2026 – 2030 (7th Phase – New Era of the SEACFMD Campaign)

Goal:

To achieve regional control and eradication of FMD, through strengthened veterinary services and regional collaboration.

The achievement of the goal will be indicated by:

- For SEACFMD Members with FMD free status – Successful maintenance of their country's and zones' FMD-free status;
- For SEACFMD Members with endemic FMD areas: Demonstrated progress along the FMD Progressive Control Pathway;
- Increased number of disease-free zones endorsed by WOAH and/ or trading partners



Implementation of SEACFMD Roadmap 2026 – 2030

- Endorsed SEACFMD Roadmap 2026 – 2030
- 16th Upper Mekong Working Group Meeting back-to-back with SEACFMD Private Sector Consultative Committee Meeting in Chiang Rai in April 2026
- Organisation Zoning and Compartmentalisation Workshop
- Activation of Regional Expert Group for FMD
- Activation of Malaysia, Thailand and Myanmar (MTM) Initiative for FMD Control
- 28th SEACFMD Sub-Commission Meeting this week
 - Endorse Roadmap Implementation Plan
 - Agree and endorse M&E baseline and targets
 - Come up with priority actions
- Upcoming event in 2026 - SEACFMD LabNet and Surveillance Workshop

Review of the recommendations of SEACFMD Governance Meetings

27th SEACFMD Sub-Commission Meeting at Bangkok, Thailand in September 2024

- NOTES the spread of FMD through animal movement, including the trans-regional spread of emerging FMD virus strains; and RECOMMENDS WOAHA SRRSEA to carry out animal movement study in the Greater Mekong region; which may be expanded to include other parts of the region. This will inform risk assessment, surveillance and regulatory activities;
 - Animal movement and value chain study in South-East Asia is ongoing
- ENCOURAGES Members continue to closely liaise with other border control agencies such as Customs, Police, Trade etc who are involved in regulating the entry of animals and livestock products into the country;
- AGREED to revise the emergency preparedness plan and protocols based on risks and WOAHA standards; and to CONDUCT cross-border simulation exercise in the island of Borneo:
 - Training on how to conduct simulation exercise in Manila in December 2025
 - Regional Cross-border simulation exercise planned in Borneo Island in December 2026

Review of the recommendations of SEACFMD Governance Meetings

27th SEACFMD Sub-Commission Meeting at Bangkok, Thailand in September 2024

- AGREED to strengthen existing networks such as Upper Mekong Working Group and initiate other sub-regional collaborations such as Brunei, Indonesia, Malaysia and the Philippines (BIMP) collaboration and REACTIVATE Malaysia, Thailand and Myanmar (MTM) collaboration initiative
 - MTM initiative reactivated – Meeting of Focal Point and MTM Working Group
 - TOR for MTM Working Group to be endorsed
- AGREED to update the SEACFMD Communication Strategy to make it fit for purpose for the Members; in addition, WOA to SUPPORT Members to develop National Communication Plan/Strategy for FMD and other TADs control;
 - Revision of SEACFMD Com Strategy initiated; and WOA will support Members in coming up with National Com Strategy/ Plan

Review of the recommendations of SEACFMD Governance Meetings

27th SEACFMD National Coordinators Meeting at Luang Prabang, Lao PDR, in August 2025;

- Most of the recommendations were incorporated in the Roadmap 2026-2030 Implementation Plan

16th Upper Mekong Working Group Meeting B2B with PSCC Meeting in Chiang Rai, Thailand in April 2026 ; and In-Person Meeting of MTM Working Group Meeting in Hai Yat, Thailand, 13 – 16 July 2026

- Submitted for endorsement of Sub-Com Meeting and relevant recommendations were incorporated in the Roadmap 2026-2030 Implementation Plan



Thank You