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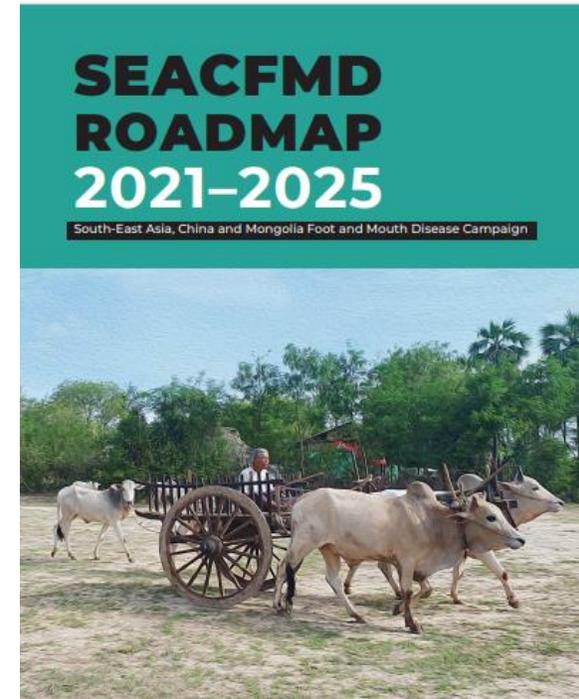
Progress of the SEACFMD Campaign (2022 -2023)

Karma Rinzin
Regional Animal Health Coordinator
WOAH SRRSEA

SEACFMD Laboratory Network Meeting
Lanzhou, P.R. China (24 – 25 October 2023)

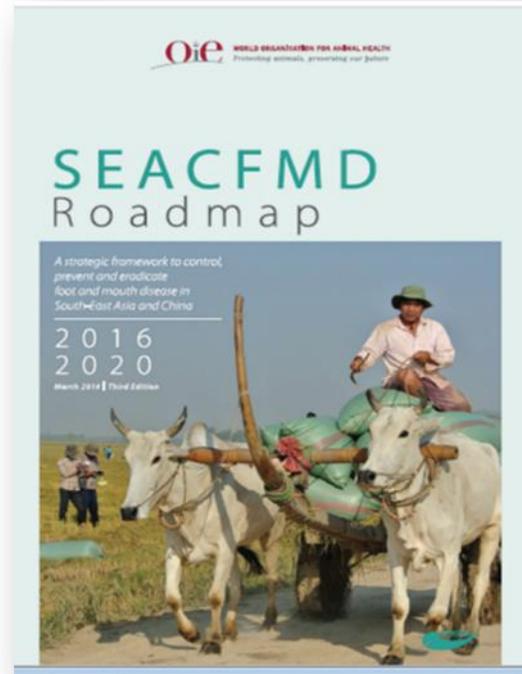
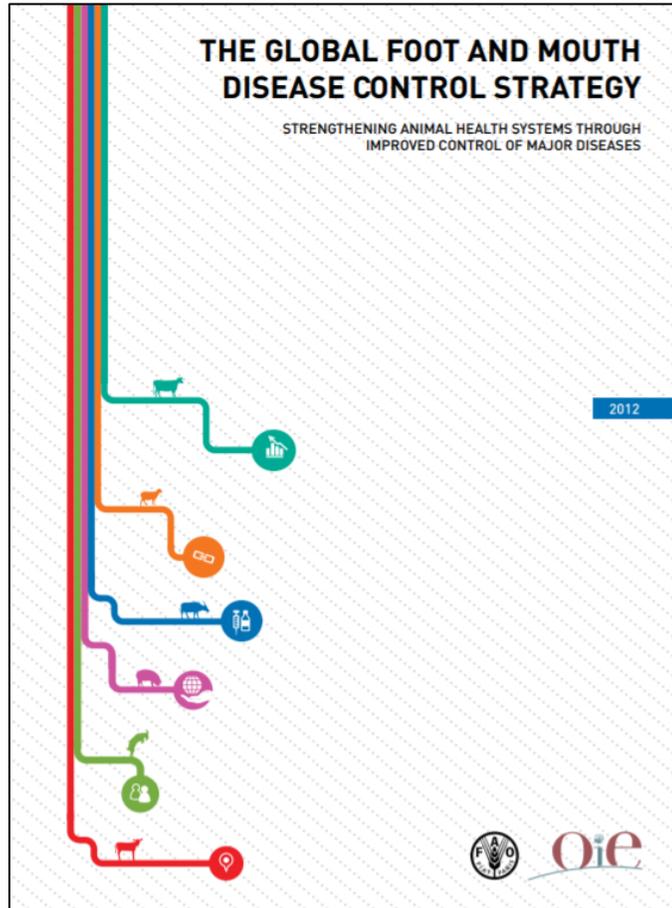
Outline

- Background
- Progress of the SEACFMD campaign
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 - Outcome 1
 - Outcome 2
 - Outcome 3
 - Objective 2 – Evaluation of SEACFMD Campaign from 1997 to 2020 to address critical gaps
- Progress on implementation of SEACFMD Governance meeting recommendations

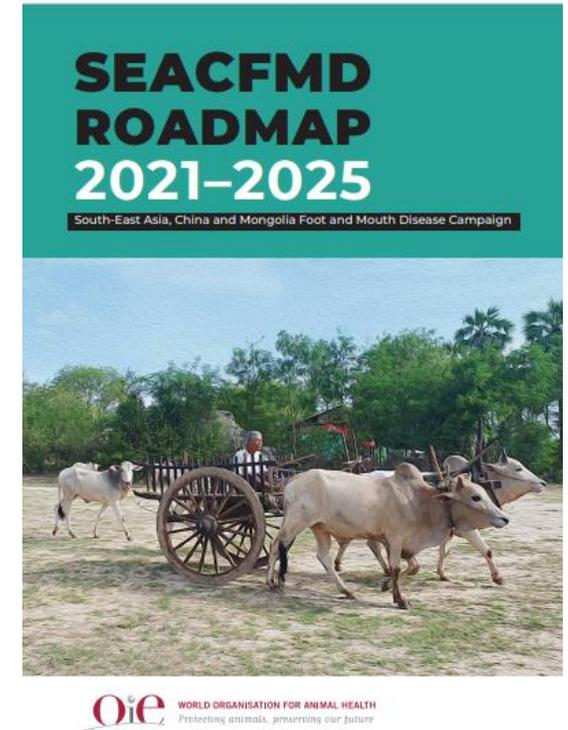


 **WORLD ORGANISATION FOR ANIMAL HEALTH**
Protecting animals. preserving our future.

Background



2021 - 2025



Risk-based approach to FMD control

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



Stakeholders

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

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

Regional Study on Animal Price Monitoring

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

Assess emergency Preparedness and Response Capacity by the Members

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

Animal Price Monitoring Pilot Study in Malaysia (Ongoing)

SEACFMD Portal and FMD Situation Dashboard

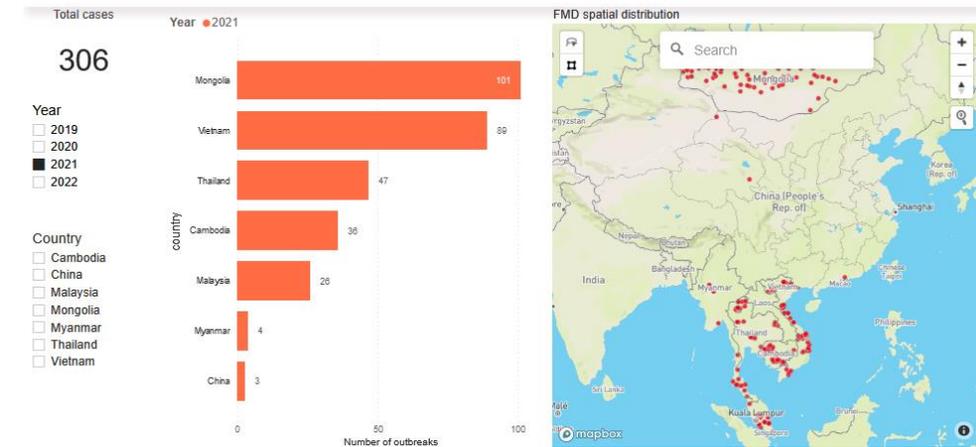
FMD Situation Dashboard



REGIONAL FMD SITUATION



FMD OUTBREAK



Routine activities – Publication of Annual SEACFMD Bulletins, application of WOAHA standards etc.

Outcome 2: Improved ownership and enabling environment at national level

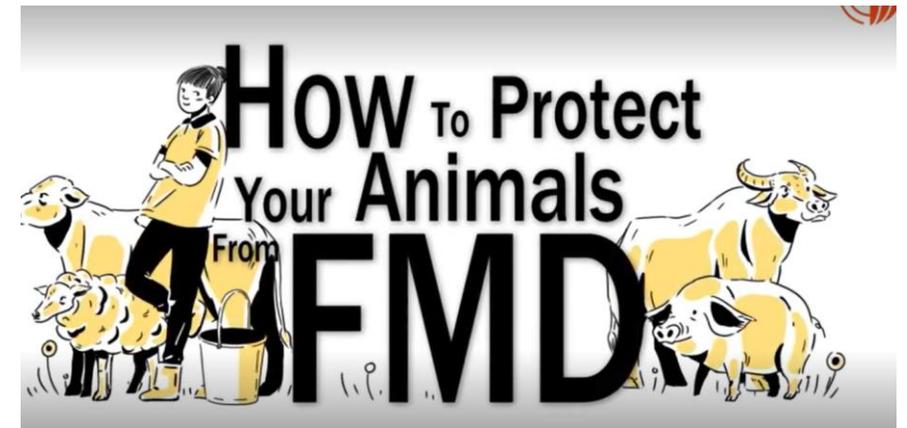
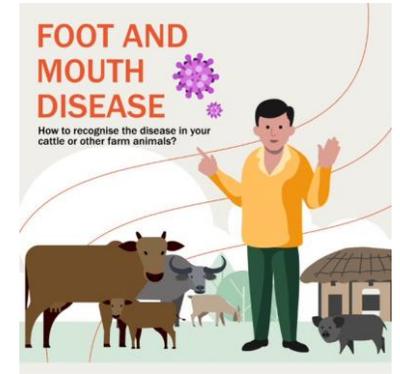
Aligned National FMD control Plan with the SEACFMD Roadmap 2021-2025

Support and implement PVS Evaluation Mission

National legislation related to FMD reviewed and updated

Socio-economic study in Laos and Myanmar to better understand farmers' and CAHWs reluctance and incentives in FMD reporting

Capacity building programs/ Training – ToT on outbreak investigation, GIS, study design, simulation modelling



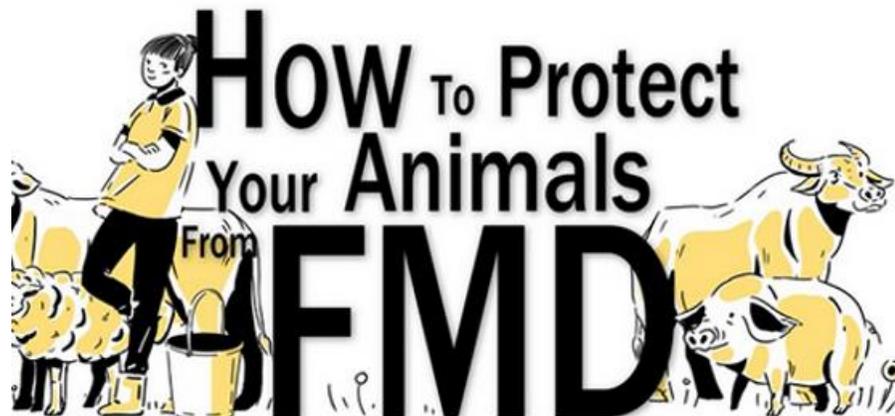
Digitization of SEACFMD
Communication Materials

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 3: Improved Regional Coordination

Participate in Global Coordination Committee, Global FMD Working Group, WOAHA Regional Commission Meetings

Liaised with FAO in the implementation of GF-TADs activities including Regional GFTADs Steering Committee Meeting in Feb 2023 and development of Regional GF-TADs Strategy for Asia and Pacific (2023 – 2028)

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

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

SEACFMD Governance Meetings



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WHO WE ARE ▾ WHAT WE DO ▾

SEACFMD Sub-Commission Meeting

Upper Mekong Working Group Meeting

National Coordinators Meeting

Laboratory / Epidemiology Network Meeting

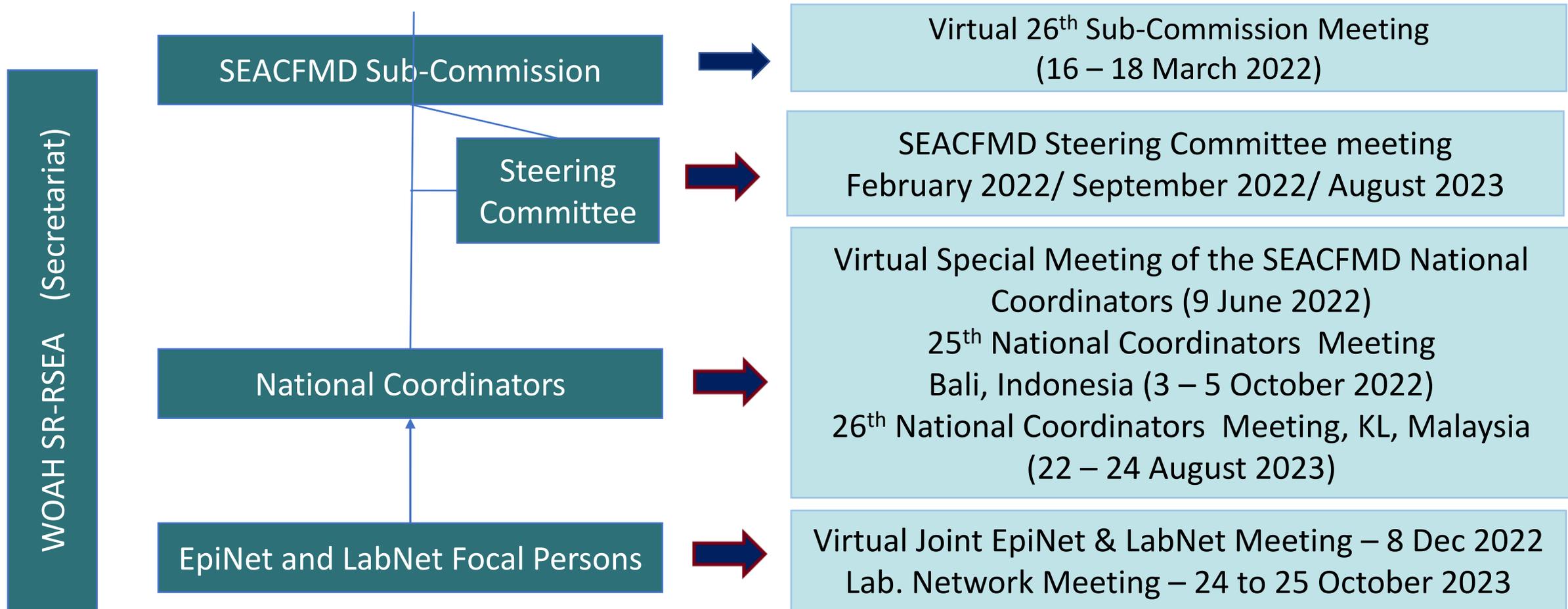
Regional Expert Group Meeting

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



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SEACFMD Governance Meetings



Virtual Regional FMD Expert Group Meeting (8 June 2022)

Virtual Private Sector Consultative Committee Meeting (16 March 2023)



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Objective 2: Evaluation of SEACFMD Campaign to address Critical Gaps

Introduction: a review assisting 2025 Roadmap
Aim: what's been learned in 23yrs & where to now?
Materials & Methods:

1. Desktop review: Roadmaps, PVS, Lit. etc.
2. Surveys: range of stakeholders
3. Discussion: Global FMD Review team
4. Focus Group Discussions (26th NC Meeting)

Conclusions: Gaps & Recommendations
 Consolidate lessons ex history informing future
Improving Biosecurity Change Management

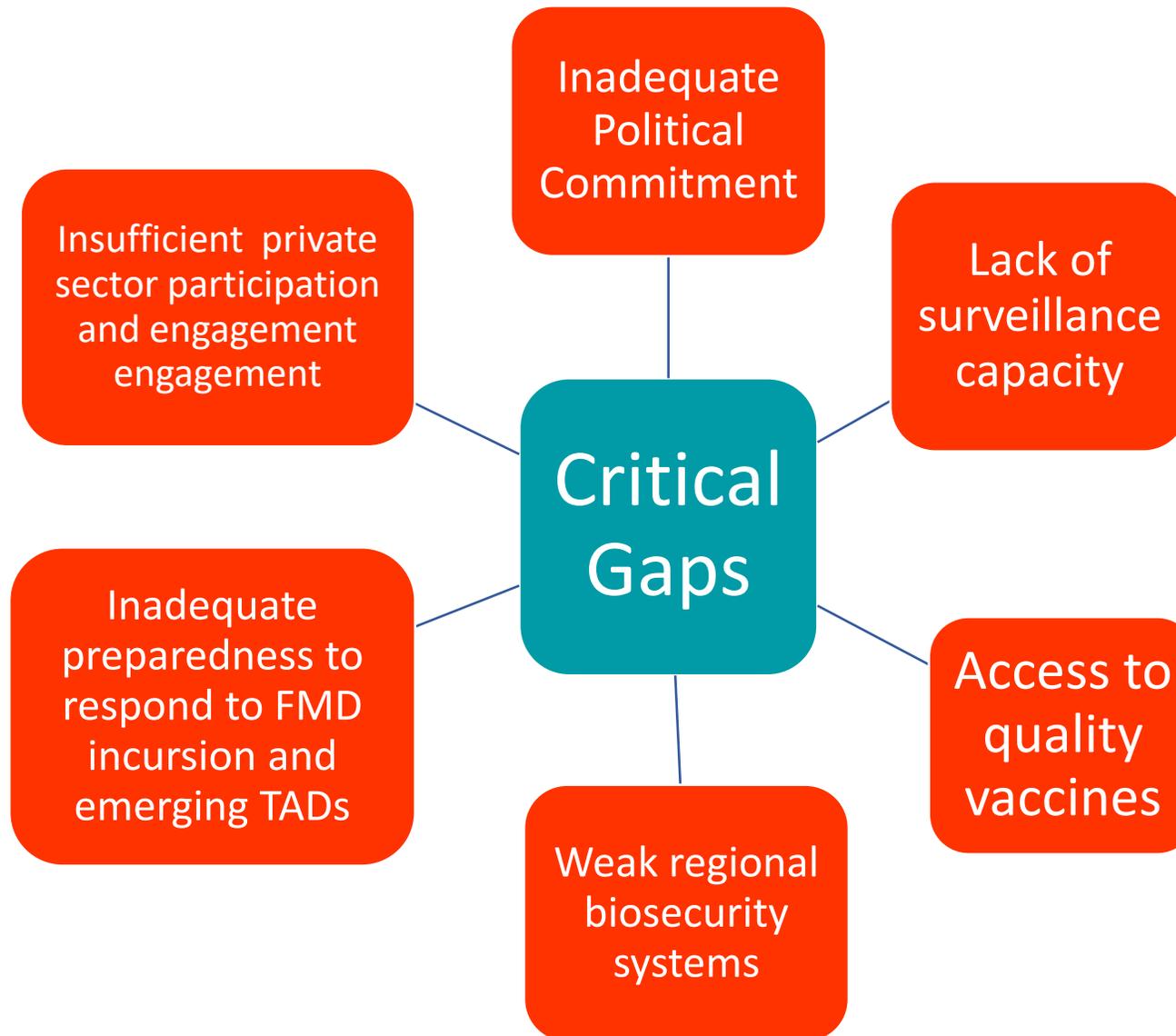
SEACFMD Campaign 1997-2020 Review

The collage includes the following documents and diagrams:

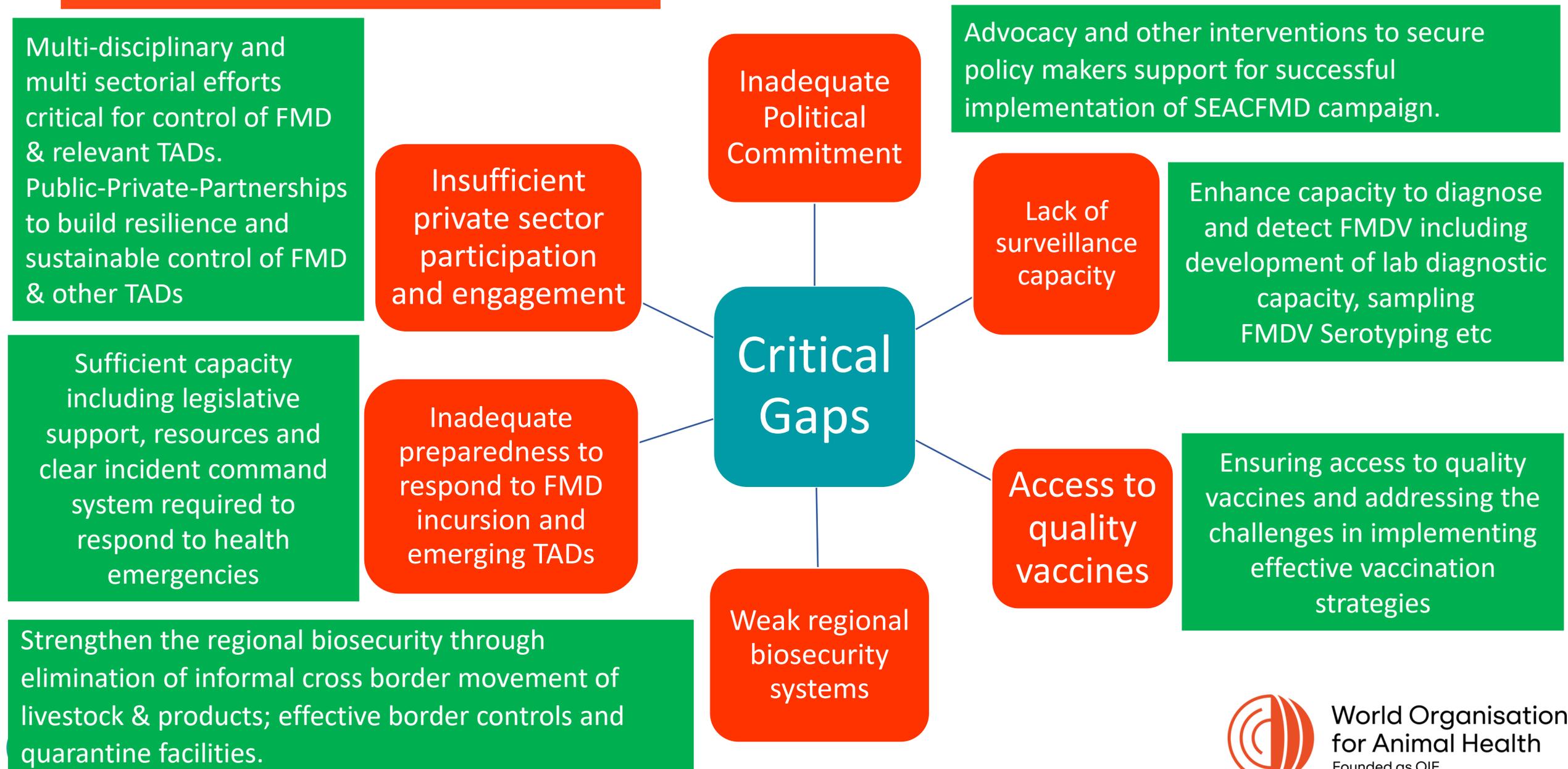
- SEACFMD Campaign Plan 2001-2004:** Shows a map of the region and a list of activities.
- THE GLOBAL FOOT AND MOUTH DISEASE CONTROL STRATEGY:** A high-level strategic document.
- SEACFMD Roadmap (2006-2010):** A flowchart showing the progression from Program Management to Public Awareness, with sub-components like Biosecurity, Diagnostic and Control, Policy, Legislation, Zoning, and Pest Control.
- SEACFMD Roadmap (2010-2015):** A diagram with three main pillars: Technical, Advocacy, and Coordination.
- SEACFMD Roadmap (2016-2020):** A document with a 'GOALS' section listing:
 - Decrease FMD incidence in South East Asia and China by the year 2020, expand and maintain FMD freedom in countries and zones that have achieved that status;
 - Strengthen national Veterinary Services;
 - Enhance regional cooperation in policy and capacity development.
- SEACFMD Roadmap (2016-2020):** A document with an 'OBJECTIVES' section listing:
 - Apply science- and risk-based strategies, including vaccination and animal movement control based on OIE standards, and promote progression of Member Countries in line with PCP-FMD, to reduce the incidence of FMD and develop and maintain FMD-free zones and countries;
 - Strengthen Veterinary Services through progression along the OIE PVS pathway and adherence to international animal health standards;
 - Promote regional cooperation in policy and capacity development by holding regular training and collaborative activities for Veterinary Services.
- SEACFMD Roadmap (2016-2020):** A detailed flowchart with four main pillars:
 - TECHNICAL:** Includes Surveillance & Investigation, Risk analysis epidemiological studies, Quarantine Station and checkpoints Animal Movement management, and Risk-based control - Target vaccination, Post vaccination Monitoring.
 - COORDINATION AND ADVOCACY:** Includes Regional and National Coordination, Global, Regional and National strategies, Programmatic Management, and Ministerial and CVO Engagement, Multisectoral Public-Private Partnerships.
 - GOVERNANCE AND POLICY:** Includes SEACFMD Sub-Commission, National Coordinators, Legislation, Application of OIE Standards and Guidelines, and Source of Funds, Contingency funding.

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 MLR: mekonglivestock.wordpress.com

Objective 2: Evaluation of SEACFMD Campaign to address Critical Gaps



Critical Gaps and recommended solutions



Progress on implementation of the SEACFMD Governance Meetings

26th SEACFMD Sub-Commission Meeting (16 to 18 March 2022)

- 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 25th NC Meeting in Bali and Virtual EpiNet/ LabNet Meeting in December 2023 came up with specific recommendations

Progress on implementation of the SEACFMD Governance Meetings

26th SEACFMD Sub-Commission Meeting (16 to 18 March 2022)

- 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 25th SEACFMD NC Meeting in Bali, Indonesia
- 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

SEACFMD Governance Meeting Recommendations

25th SEACFMD National Coordinators Meeting at Bali, Indonesia (2 to 4 October 2022)

- to explore possibility of setting up of vaccine / antigen bank for the region, to address difficulties in obtaining quality vaccines in the face of emergencies;
 - WOAHSRRSEA initiated number of interventions to obtain relevant information
 - Prepared short report with various options to access quality FMD vaccines
- to promote access to quality FMD vaccines through awareness of the policy makers, streamlining the registration and procurement process and encourage the use of a vaccine compliant with WOAHS standards;
 - Policy brief on importance of using quality FMD vaccine in pipeline
- to enhance early warning, prediction, rapid detection and rapid response to FMD to FMD risks and possible incursion;
 - Ongoing Animal price monitoring study and development of Epidemic Intelligence from Open Source (EIOS) etc

Progress on implementation of the SEACFMD Governance Meetings

Joint Virtual EpiNet/ LabNet Meeting (8 December 2022)

- to conduct a study to identify the critical risk drivers for FMD spread, such as animal movements linked to price changes and cultural festivals.
 - Pilot study on Animal Price Monitoring in Malaysia ongoing
- to conduct a regional study to identify Asia1 status in the region and assess new incursion risks from neighboring regions.
 - Ongoing
- Other recommendations to SEACFMD Members: Optimize surveillance system including strategic sampling for FMDV serotyping; use IEC materials and epidemiological tools (spatial risk assessment using MCDA and cross border risk assessment) developed by WOA;
 - Ongoing
- Other recommendations to WOA – WOA in coordination with Ref Lab to provide reference protocols and controls to SEACFMD Members; and use findings of training needs assessment to plan future capacity building programme.

Progress on implementation of the SEACFMD Governance Meetings

26th National Coordinators Meeting, Malaysia (22 – 24 August 2023) – Recommendations to LabNet

- Develop improved ways to quantify the burden of FMD infection across the whole region including structured sero-surveillance between Members to give a crude estimation of prevalence (including existing sero-surveillance reports);
- Conduct sequence analysis of the reported outbreaks to better understand the patterns of FMDV circulation in the region;
- Map FMD risk pathways with FMDV lineages present in the region along the value chains;
- Continue to improve our understanding of vaccination responses in vaccinated livestock (including coordinated work to calibrate ELISA tests used in the region and comparisons to VNT test results).

Next Steps – Upcoming Activities

- SEACFMD EpiNet and LabNet Meeting in Lanzhou – 24 to 25 October 2023
- Meeting of the Upper Mekong Working Group (Feb 2024)
- 27th SEACFMD Sub-Commission Meeting (March 2024)
- 27 SECFMD National Coordinators Meeting (August 2024)
- Support Members to implement Risk-based Strategic Plan
- Support Member to develop FMD Risk-based Strategic Plan
- Implement recommendations of the SEACFMD Governance Meetings



Thank You