



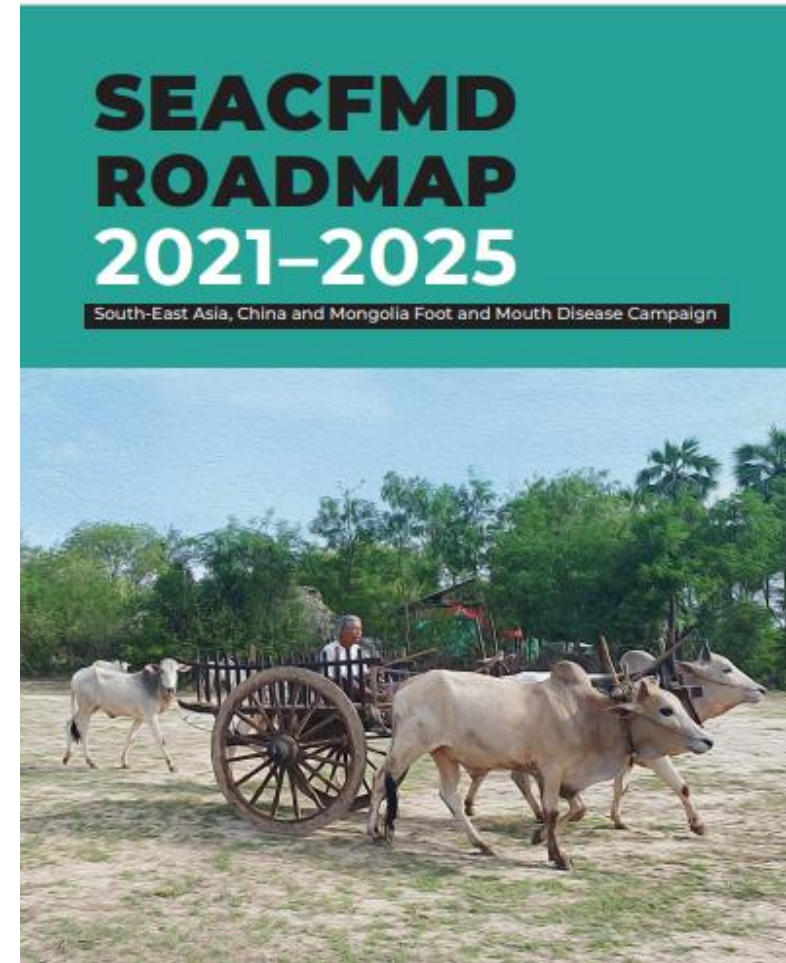
SEACFMD Campaign Progress Report (2020/2021)

Ronello C. Abila & Karma Rinzin

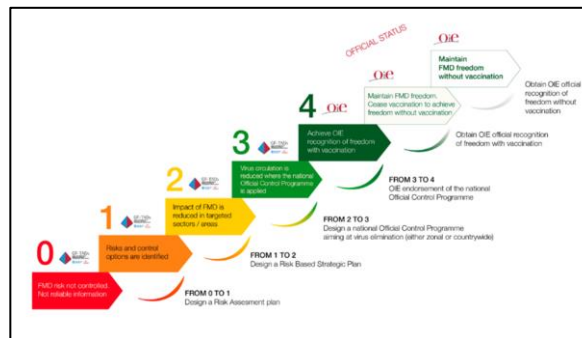
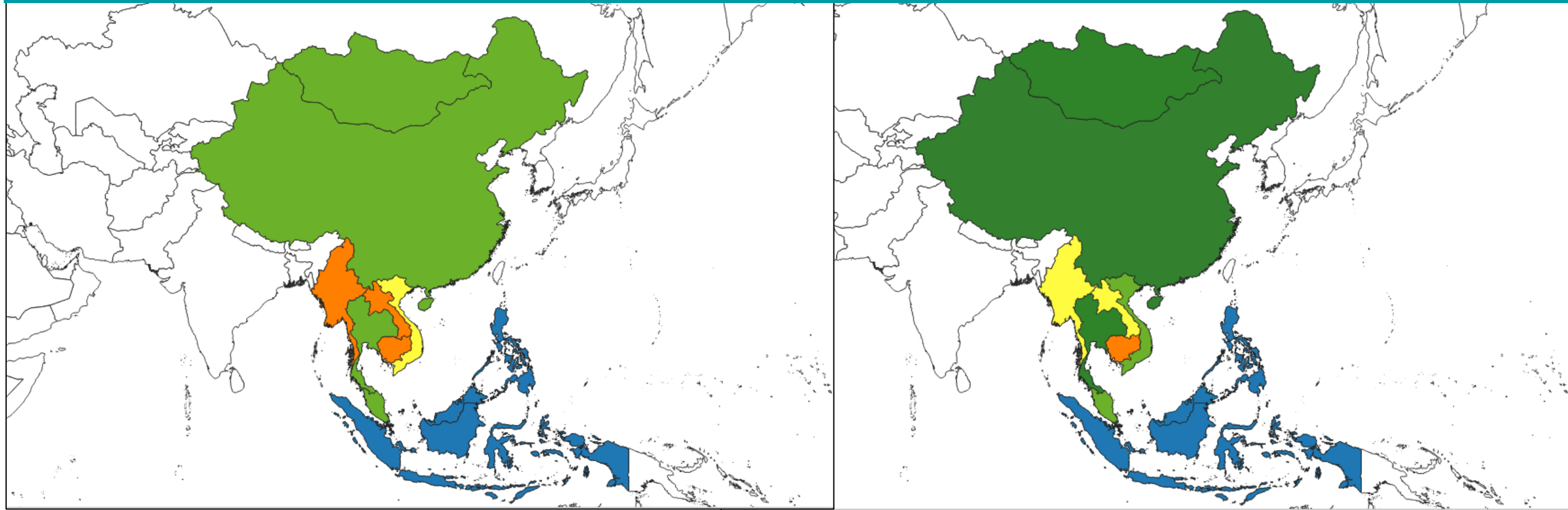
OIE Sub-Regional Representation for South-East Asia

Outline

- Progression of SEACFMD members into PCP stages
- Understanding the epidemiology of FMD
- Rolling out of SEACFMD Roadmap 2021-2025
- Capacity building Programmes
- Surveys and Studies
- Communication and advocacy
- Synergies with other TADs control
- SEACFMD Governance Meetings
- Progress on implementation of Sub-Com and other Governance meeting recommendations



Progression of the SEACFMD Countries in FMD PCP stages



Understanding the Epidemiology of FMD

- Annual FMD situation/Monitor serotypes
- Publish SEACFMD Bulletin
- ARAHIS –ASEAN Animal health information system

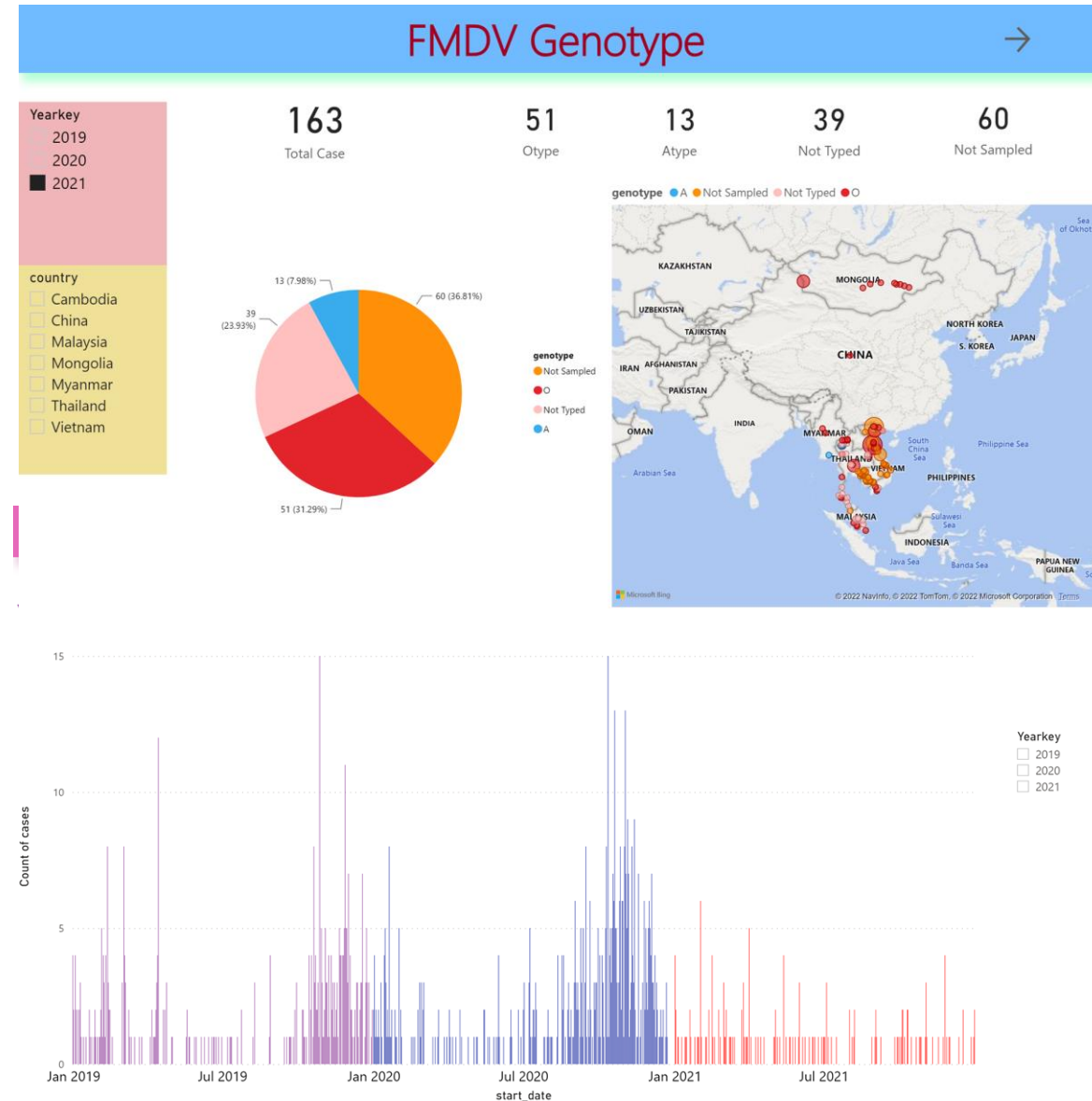


SEACFMD Bulletin

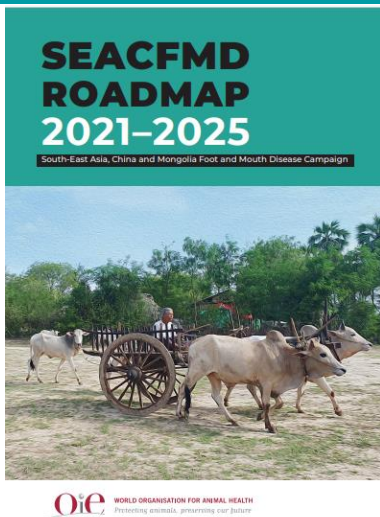
Foot and Mouth Disease Situation
January to December 2020



OIE SUB-REGIONAL REPRESENTATION FOR SOUTH-EAST ASIA (SRE-SEA)
C/o Department of Livestock Development, Phrayi Thai Road 10400, Bangkok, Thailand
Tel.: (+66-2) 6334864 * Fax (+66-2) 6334904 Email: srr.seasia@oie.int



Rolling out of SEACFMD Roadmap 2021-2025



Sub-Commission Consultation

Sub-Commission Endorsement

National Coordinators consultation

National Coordinators consultation

National Coordinators consultation

24th SEACFMD National Coordinators meeting

OIE Scientific Commission consultation

Sub-Commission endorsement

December 2020

Jan 2021

Feb to May 2021

April to July 2021

July 2021

Sept to Nov 2021

Dec to March 2021

Final SEACFMD Roadmap 2021-2025

Consultation to prepare Roadmap Implementation Plan

Preparation of Implementation Plan

Development M&E Framework

Finalization of implementation and M&E framework

Endorsement

Capacity Building Programme



Training of Trainers (ToT) on outbreak investigation (31 May – 8 July 2021)

21 participants from 9 countries



Advanced GIS training

(27 July - 30 Aug 2021)

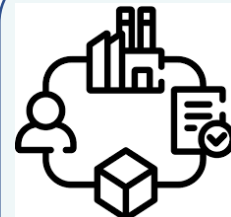
31 participants from 10 countries.



Epidemiology study design training

(11 Nov – 10 Dec 2021)

34 participant from 11 countries.



Transborder value-chain analysis in South-East Asia and the Pacific

16 participants from ... countries



Infectious disease modelling training (21 Feb – 31 March) – Ongoing
40 participants from 12 countries are attending the course.



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Field Studies and Surveys

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. Khounsuy, 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 Khounsuy⁶, Sengxay Phonthasy⁶, 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>

Report on the implementation of foot and mouth disease (FMD) vaccination programmes in SEACFMD countries

The incentives of farmer and community animal health workers for disease reporting and control in Lao PDR - CIRAD, DLF and National University of Laos. (ongoing)

Feasibility study on regional animal price monitoring (ongoing)



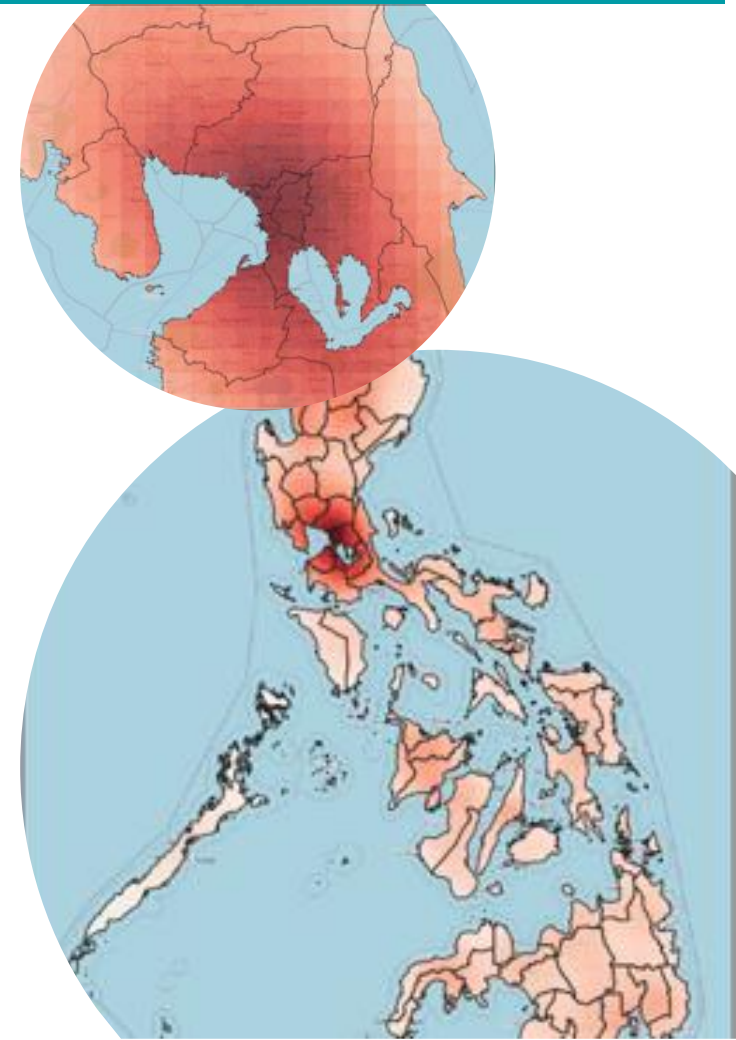
Communication and Advocacy

- Development of FMD communication materials
- Development of Digital FMD awareness and advocacy tools (Mobile and social media friendly)
- Development of SEACFMD dashboard for the key players

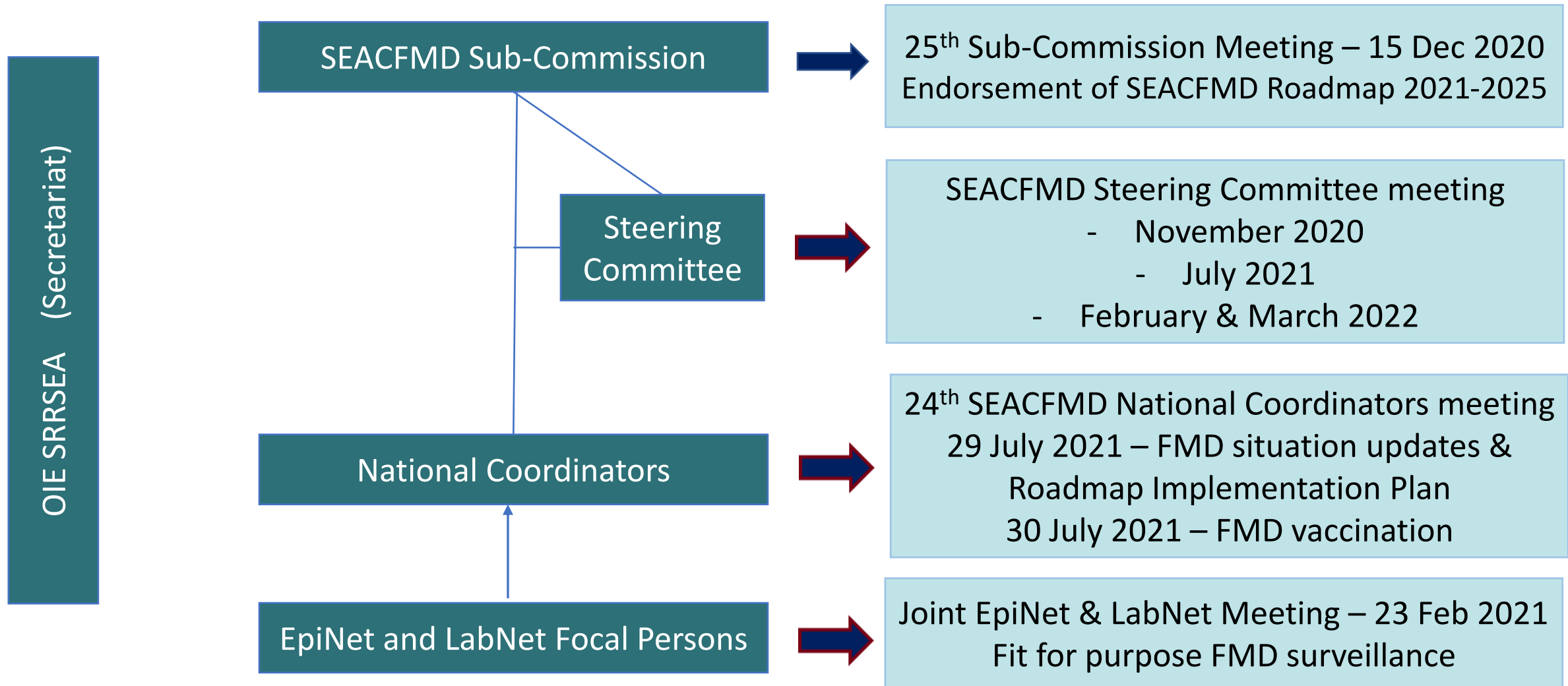


Synergies with other TADs Control

- In training programmes focused on FMD; other TAD's such as ASF, AHS, LSD and Rabies have been embedded.
- Advanced GIS training organised during 27 Jul – 30 Aug 2021 highlight of the training, country teams **successfully applied Multi Decision Criteria Analysis (MCDA) tool and spatial risk assessment (SRA) methods to create risk maps for priority disease including AHS; ASF and dog mediated rabies.**
- Epidemiological study design training (11 Nov –10 Dec 2021) - The country projects based on example of **ASF and Lumpy Skin Disease case scenarios have provided an opportunity for the participants to practice and develop skills to identify both the strengths and limitations of these epidemiological study designs.**
- ASF Cross-Border Risk Assessment Training
- ToT on Outbreak investigation and Response
- Ongoing Infectious Disease Modelling Training



SEACFMD Governance Meetings



Progress on implementation of Sub-Commission and other Governance meeting Recommendations

25th Sub-Com meeting in December 2022

- Issue of animal and animal product movement control in the sub-region
 - Ongoing Animal Price Monitoring Study; Proposed for deleberations during the Upper Mekong Region Working Group Meeting
- Align regional and respective National FMD control plans with the SEACFMD Roadmap 2021 2025;
 - Ongoing (Regional plan will be endorsed in 26th Sub-Com meeting)
- the importance of molecular diagnosis to identify the circulating FMDV strain and of vaccine matching study; and high proportion of uncharacterized FMDVs
 - Ongoing: Regional Expert Group for FMD
- the quality of the different FMD vaccines used & status of FMD vaccination in the region
 - Survey on the implementation of FMD vaccination in SEACFMD countries conducted.

Progress on implementation of Sub-Commission and other Governance meeting Recommendations

25th Sub-Com meeting

- Surveillance and transparency: FMD surveillance is not always sensitive in the sub-region and the lack of transparency further limits the quality of the shared information. Higher quality, timely and transparent sharing of disease information would help countries to be better prepared for the potential risks;
 - Session on fit for purpose surveillance organized with support of Dr David Paton
- Regional coordination: the OIE was requested to continue to organize and coordinate meetings, support epidemiological studies, and assist countries in the evaluation of potency and efficacy of vaccines;
 - Joint EpiNet/ LabNet meeting in Feb 2021; 24th NC meeting in July 2021; various capacity building programmes organized
- Evaluation of SEACFMD Campaign since its inception in 1997 in SEACFMD countries and in the region.
 - Ongoing

Progress on implementation of Sub-Commission and other SEACFMD Governance meeting Recommendations

EpiNet & LabNet Meetings 23 Feb 2021

- Characterization of FMD viruses from field outbreaks for tracing the source of the outbreaks, and share the genotyping results with the OIE SRR/OIE Ref Labs
 - Ongoing: Regional Expert Group for FMD
- organize regional studies to improve the knowledge on the gaps in the FMD reporting /national animal health information systems and approaches to improve
 - Ongoing – Study to understand National Animal Health Information System
- To develop Guidelines for national procurement of good quality veterinary vaccines.
 - Ongoing – Consultant is working on the Guideline

Progress on implementation of Sub-Commission and other SEACFMD Governance meeting Recommendations

National Coordinators Meeting (29 to 30 July 2021)

- to finalize and implement the FMD activities of the National SEACFMD Roadmap Implementation Plan, aligned with their respective National FMD Prevention and Control Plan;
 - Ongoing – Bilateral meeting with SEACFMD Members
- to finalize Regional SEACFMD Roadmap Implementation Plan with Indicators;
 - Regional plan developed and proposed for endorsement
- to finalize the M&E framework for the SEACFMD Roadmap 2021-2025 and use this for reporting the progress;
 - M&E framework finalized with indicators for Outputs, Outcomes, Objective and Goal



Thank You