



World Organisation  
for Animal Health  
Founded as OIE

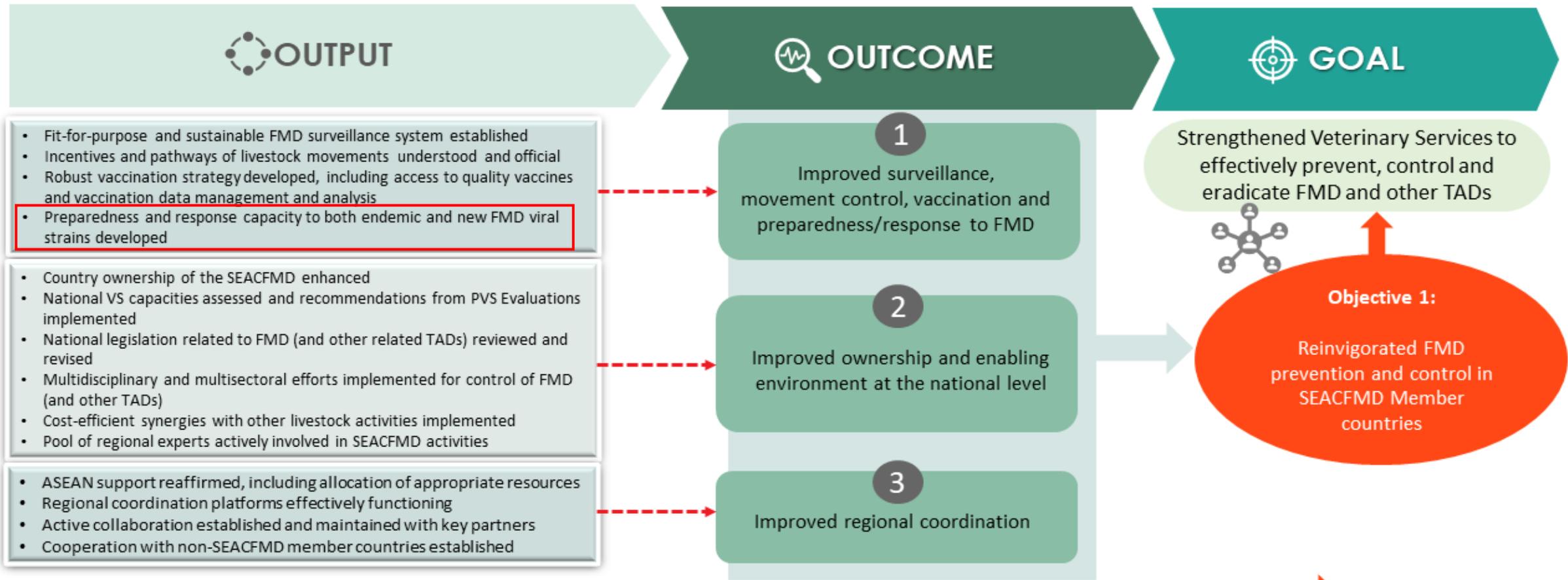
Special Meeting of the SEACFMD  
National Coordinators focused on FMD  
Preparedness and Response  
(9 June 2022)

## Technical Resources and Tools for responding to FMD incursion

**Karma Rinzin**

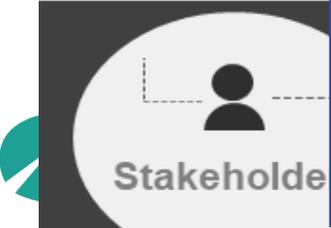
**Regional Animal Health Coordinator  
Sub-Regional Representation for South-East Asia  
World Organisation for Animal Health (WOAH)**

# SEACFMD Roadmap 2021-2025



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

Preparedness and response capacity to both endemic and new FMD viral strains developed



# International standards of World Organisation for Animal Health (WOAH)



## Terrestrial Code Online Access

<https://www.woah.org/en/what-we-do/standards/codes-and-manuals/terrestrial-manual-online-access/>

Terrestrial Animal Health Code

Index

Terrestrial Animal Health Code (2021)

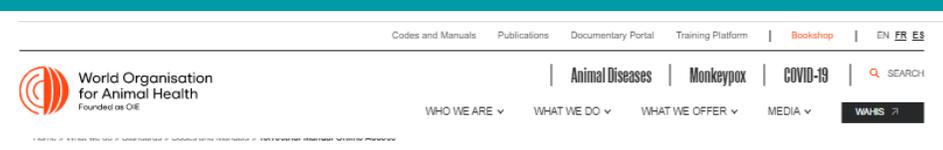
Contents

VOLUME I  
General provisions

	Foreword
	User's guide
	Glossary
<b>SECTION 1.</b>	<b>ANIMAL DISEASE DIAGNOSIS, SURVEILLANCE AND NOTIFICATION</b>
Chapter 1.1.	Notification of diseases and provision of epidemiological information
Chapter 1.2.	Criteria for the inclusion of diseases, infections and infestations in the OIE list
Chapter 1.3.	Diseases, infections and infestations listed by the OIE
Chapter 1.4.	Animal health surveillance

<https://www.woah.org/en/what-we-do/standards/codes-and-manuals/terrestrial-code-online-access/>

Terrestrial Manual: Standards for laboratory diagnostic methods and for the production and control of vaccines



## Terrestrial Manual Online Access

Updated 24/11/2021

Any chapters adopted between printed editions are added to the web version, thus the on-line English version is always the most recent

*Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2021*

	Foreword
	Introduction (How to use this Terrestrial Manual)
	List of tests for international trade
	Common abbreviations used in this Terrestrial Manual
	Glossary of terms
	Contributors
Part 1	General Standards
Section 1.1.	Introductory chapters
Chapter 1.1.1.	Management of veterinary diagnostic laboratories (version adopted in May 2020)
Chapter 1.1.2.	Collection, submission and storage of diagnostic specimens (version adopted in May 2015)
Chapter 1.1.3.	Transport of biological materials (version adopted in May 2015)

Terrestrial Code: Standards for disease control and safe international trade



# Standards relevant to FMD

<b>Terrestrial Animal Health Code of the World Organisation for Animal Health (WOAH)</b>	
<a href="#">Chapter 1.1.</a>	Notification of diseases and provision of epidemiological information (horizontal)
<a href="#">Chapter 1.4.</a>	Animal health surveillance (horizontal)
<a href="#">Chapter 4.13.</a>	Disposal of carcass (horizontal)
<a href="#">Chapter 4.18.</a>	Vaccination (horizontal)
<a href="#">Chapter 7.6.</a>	Killing of animals for disease control purposes (horizontal)
<a href="#">Chapter 8.8.</a>	Infection with foot and mouth disease virus (FMD)
<b>Manual of Diagnostic Tests and Vaccines Terrestrial Animals – World Organisation for Animal Health</b>	
<a href="#">Chapter 2.3</a>	Veterinary Vaccines (horizontal)
<a href="#">Chapter 3.1.8</a>	<a href="#">Foot and mouth disease (infection with foot and mouth disease virus)</a>
Guidelines	<a href="#">FAO/OIE Guidelines on foot and mouth disease vaccination and post-vaccination monitoring.</a>

# Reference Laboratories and Collaborating Centres

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# Technical resources – FMD Outbreak investigation

- FMD outbreak investigation
  - Manual available on WOAHA regional website
  - Organized TOT on outbreak investigation and response.
  - Support to MCs to conduct training for the in-country field staff
  - Support to conduct systematic FMD outbreak investigation during the outbreak.



## A Field Manual for Animal Disease Outbreak Investigation and Management



[https://rr-asia.woah.org/wp-content/uploads/2020/02/manual\\_outbreak-investigation.pdf](https://rr-asia.woah.org/wp-content/uploads/2020/02/manual_outbreak-investigation.pdf)



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# Technical resources – Emergency Preparedness

- Emergency Preparedness and Response
  - Special Meeting of the National Coordinators focused on FMD Preparedness and Response
  - Emergency Preparedness Workshop organized in August 2019.
  - Follow-up Workshop on Emergency Preparedness planned in September 2022
  - Assessment of Emergency Preparedness and Response Capacity is ongoing in Malaysia.



Manual 9

**Emergency preparedness  
and response planning**



<https://rr-asia.woah.org/wp-content/uploads/2020/02/seacfmd-manual-9.pdf>

# Technical resources – Biosecurity and other IEC Materials

## • Biosecurity Measures

- Biosecurity related materials developed through various projects
- Safe and effective carcass disposal feasibility study ongoing.
- Digital FMD awareness and advocacy tools – animated videos
  - How to protect your animals from FMD?
  - How to manage animals for transportation?

### Three Key principle of biosecurity



**BE A BIOSECURITY ROLE MODEL  
WHEN VACCINATING**

*Quick reference guide*



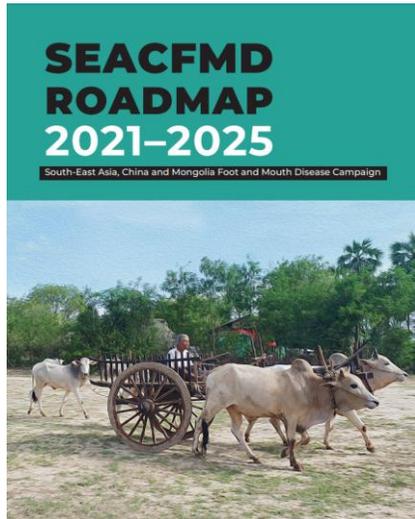
### Other digital IEC Materials under development

Sr. No	Identified Topic	Stakeholders	Formats
1	FMD recognition	Farmers	Leaflet
2	What to do in case of outbreaks?	Farmers	Infographic
3	Application of biosecurity measures in day-to-day work	Farmers / Traders	Flowchart or Social Media Cards
4	How to avoid buying sick animals	Traders	Checklist
5	Biosecurity measures (cleaning and disinfection of trucks and holding yards?)	Traders	Digital Ad/Poster
6	Sampling for diagnosis	Vets & Paravets	Brochure

# Resources and more information on SEACFMD

- [History](#)
- [SEACFMD Roadmaps](#)
- [SEACFMD Manual](#)
- [SEACFMD Bulletin](#)
- [SEACFMD Studies](#)
- [Research](#)
- [Video \(Creating Change, Changing Lives\)](#)

<https://rr-asia.woah.org/en/projects/foot-and-mouth-disease-fmd/seacfmd-campaign/>



## SEACFMD Bulletin

Foot and Mouth Disease Situation  
January to December 2020



Manual 1

**Risk analysis for Foot and Mouth Disease**



Manual 5

**Surveillance and epidemiology**



Manual 7

**Sample collection and transport**



Manual 8

**Laboratory support**



# Other Technical Resources



Technical resources are categorised focusing on stakeholder engaged in FMD Prevention and Control

Click below →



Policy makers



Disease control managers



Field vets and VPP



CAHW's and small holder farmers



Industry and commercial farmers



Researchers and academics



# SEACFMD Dashboard and Toolbox



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Thank You