



World Organisation  
for Animal Health



# SEACFMD Roadmap 2026 – 2025 M&E Logical Framework

Karma Rinzin

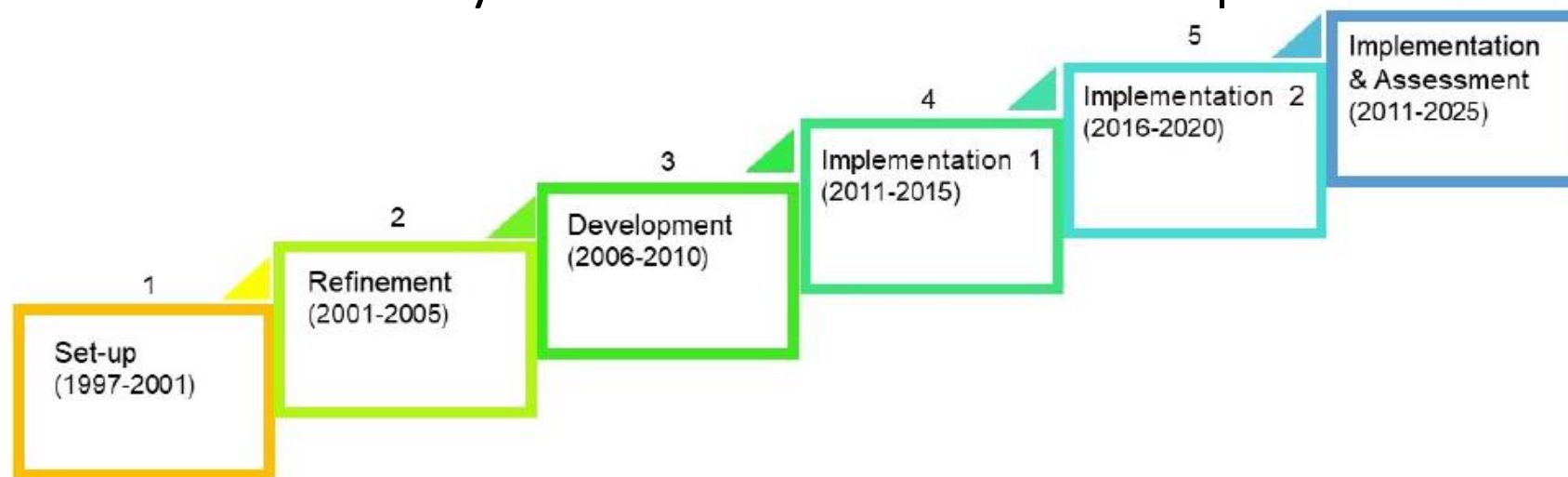
Regional Animal Health Coordinator  
WOAH SRRSEA

**27<sup>th</sup> SEACFMD National Coordinators Meeting**  
20 – 22 August 2025, Luang Prabang, Lao PDR

# Background

## Objective of the Campaign

- Increased productivity and economic output in the livestock sector by controlling and eliminating FMD
- Enhanced capacities of veterinary services
- Increasing rural livelihoods from strengthened farm-based economies & safer trading
- Improved transboundary trade of livestock and animal products.<sup>6</sup>



7<sup>th</sup> Phase (2026 – 2030): Phase 1 of new era of SEACFMD campaign

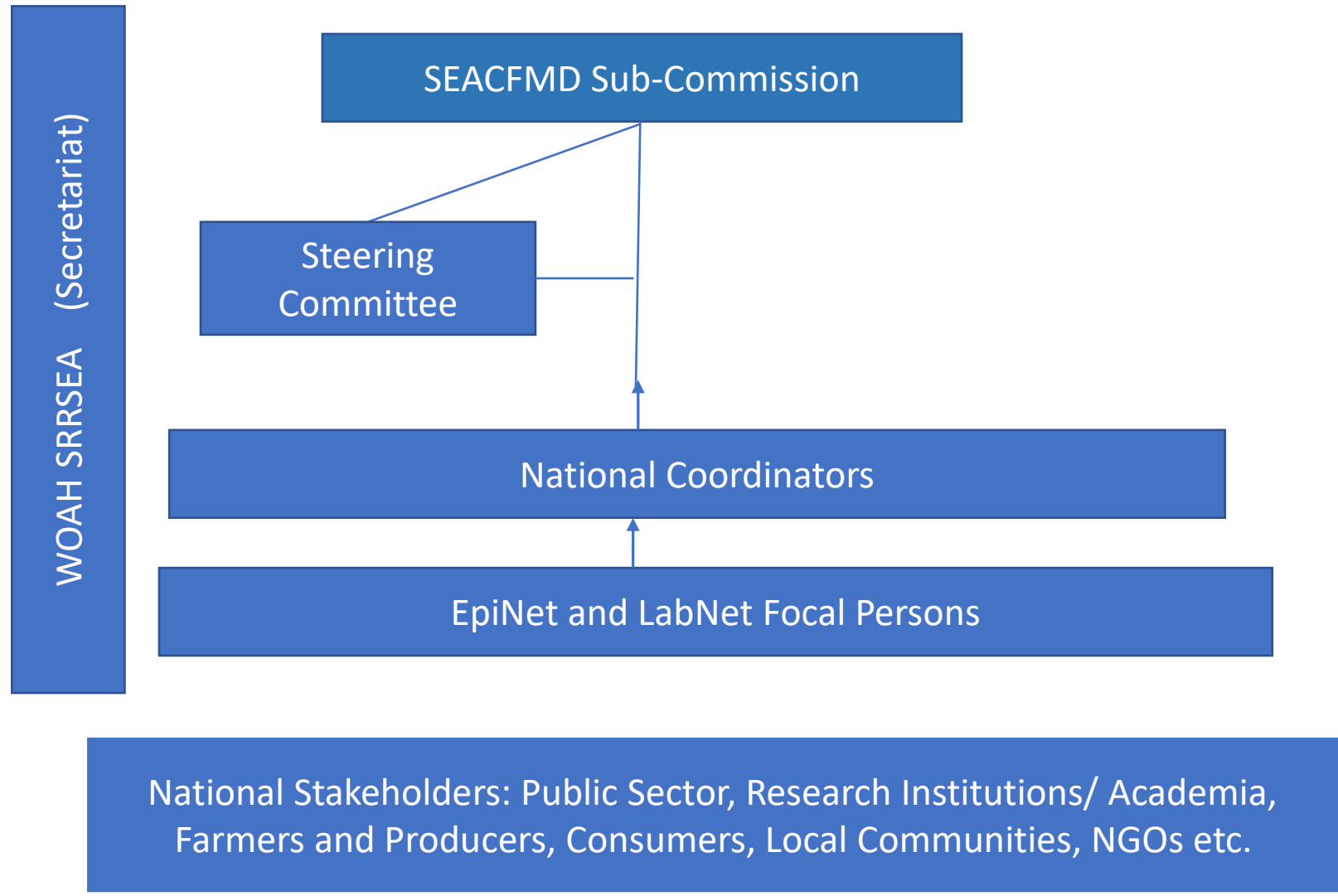
**Figure 1.** Evolution of the six phases of the OIE SEACFMD Campaign from 1997 to 2025

# Involvement of SEACFMD Governance Bodies



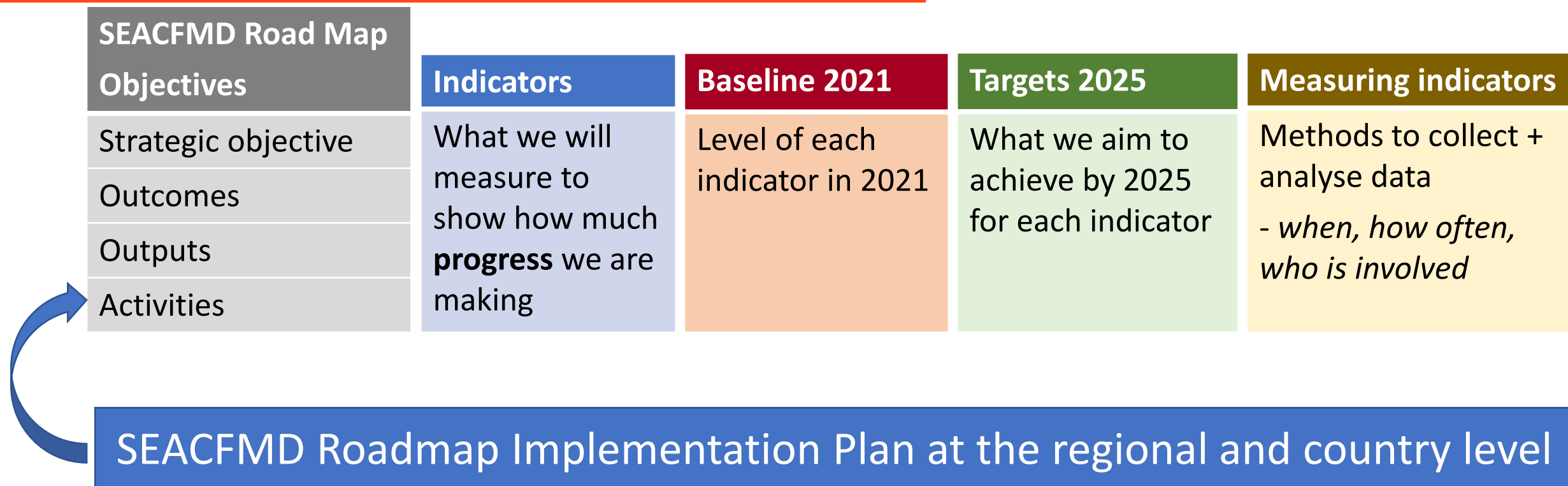
## Other Groups

- Private Sector Consultative Committee
- Regional FMD Expert Group
- Upper Mekong Working Group
- MTM?
- Partners/ Stakeholders
  - FAO
  - ASEAN
  - Donors



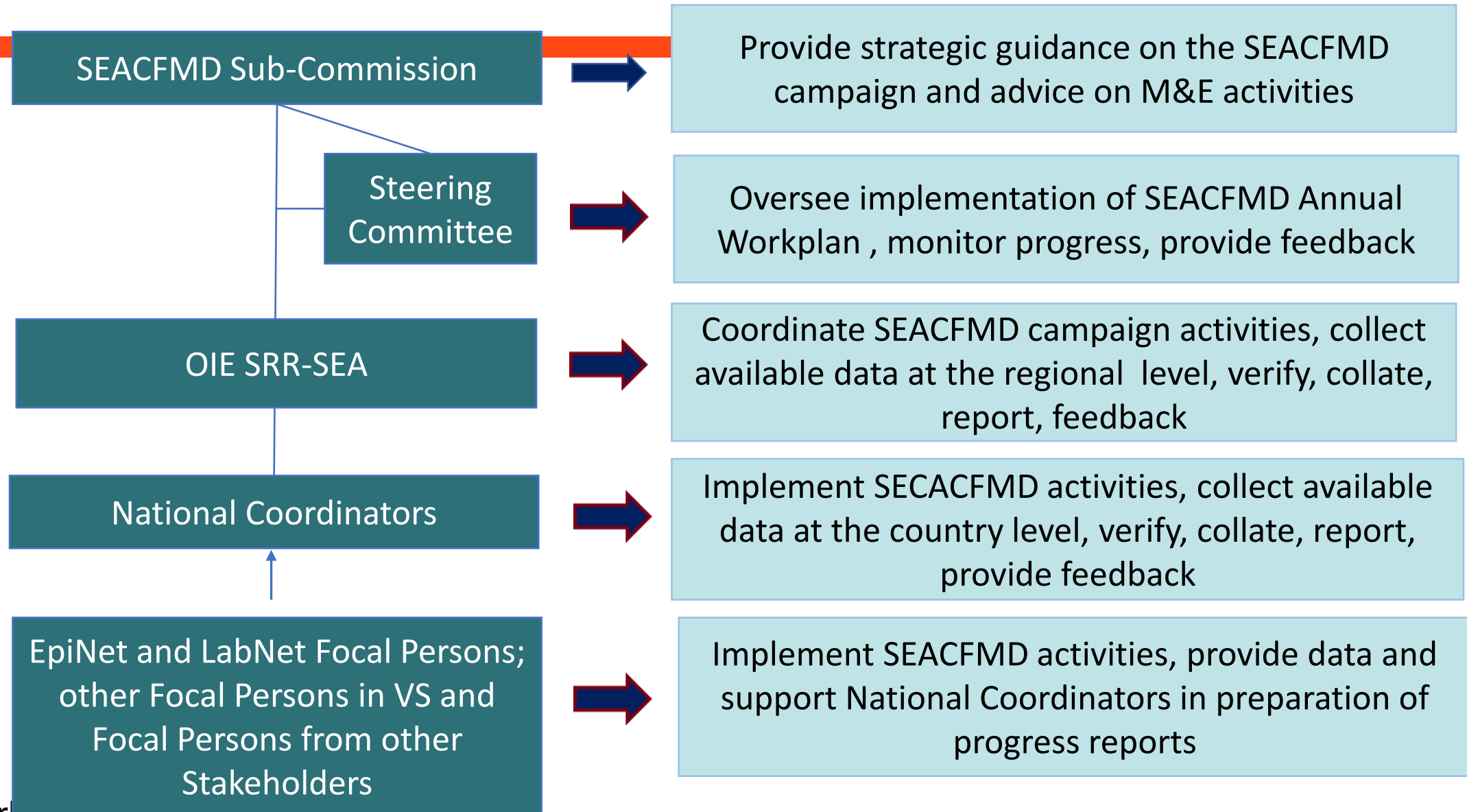
- Brunei Darusallam
- Cambodia
- China
- Indonesia
- Lao PDR
- Malaysia
- Mongolia
- Phillippines
- Singapore
- Thailand
- Vietnam

# What is M&E Framework?



Item	Activities	Priority	2021	2022	2023	2024	2025	Implementor	Funding	Remarks
<b>Strategic Objective 1</b>	Reinvigorated FMD prevention and control in SEACFMD member countries									
<b>Outcome 1</b>	Improved surveillance, movement control, vaccination and preparedness/response to FMD									
<b>Output 1.1</b>	Fit-for-purpose and sustainable FMD surveillance system established									
Activity 1.1.1	Organise trainings/meetings/workshops to provide technical guidance on the design of FMD surveillance tailored for the countries' needs	high	y	y	y	y	y	SRR SEA	NZ CF	KR AS BP
Activity 1.1.2	Organise regional expert group (REG) meetings to develop/follow-up on recommendations to improve FMD laboratory capacity building	medium	y	y	y	y	y	SRR SEA, FAO, OIE Ref Labs	CF	KR BP

# Implementation and information flow



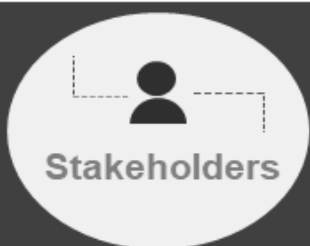
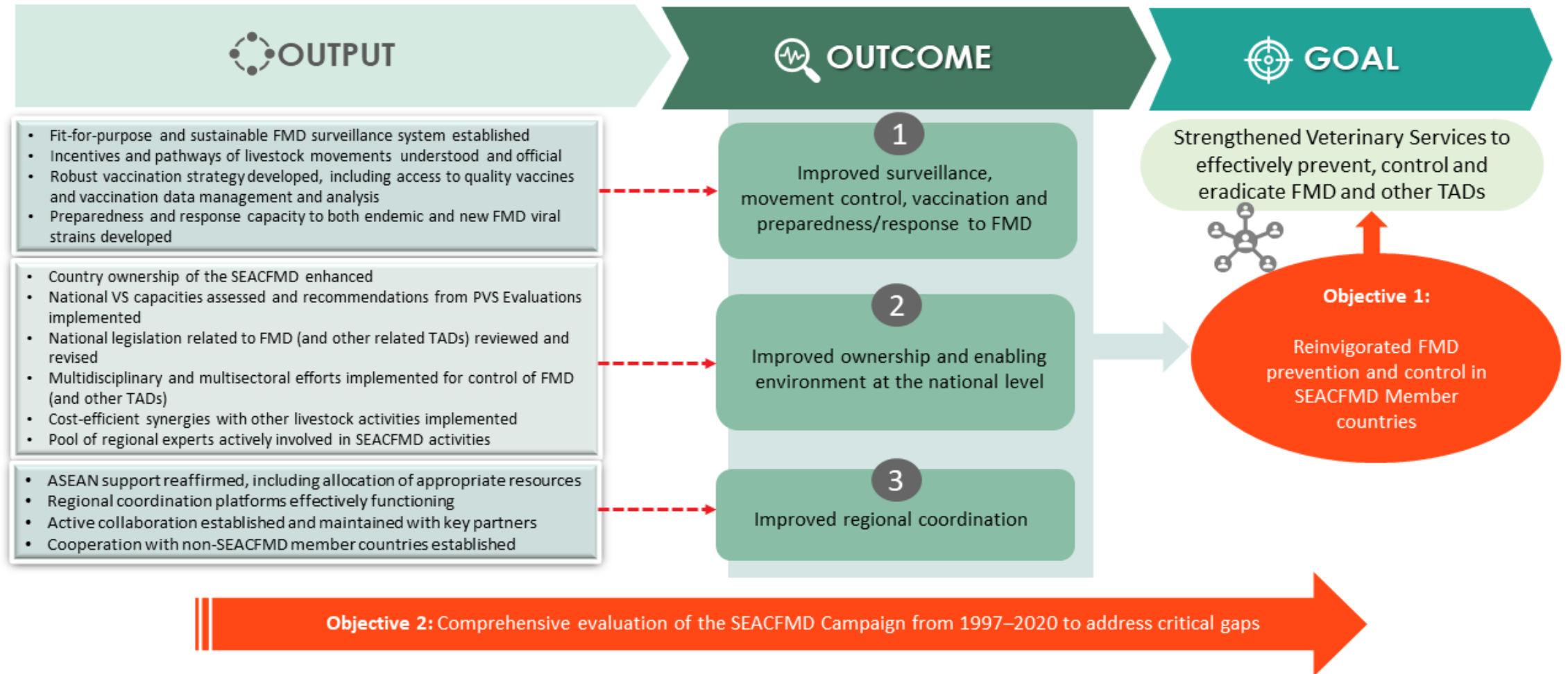


# M&E indicator baseline and achievements (2023 and 2025)

---

- Baseline/Status – M&E indicators
  - Questionnaire survey
    - Questions prepared in MS form and shared to SEACFMD Members
    - SEACFMD National Coordinators completed the survey questionnaire
- Achievement/ status in 2023 and in 2025 .
- Some indicators are assessed based on the available information sources

# Theory of change – SEACFMD Roadmap 2021 - 2025



## 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

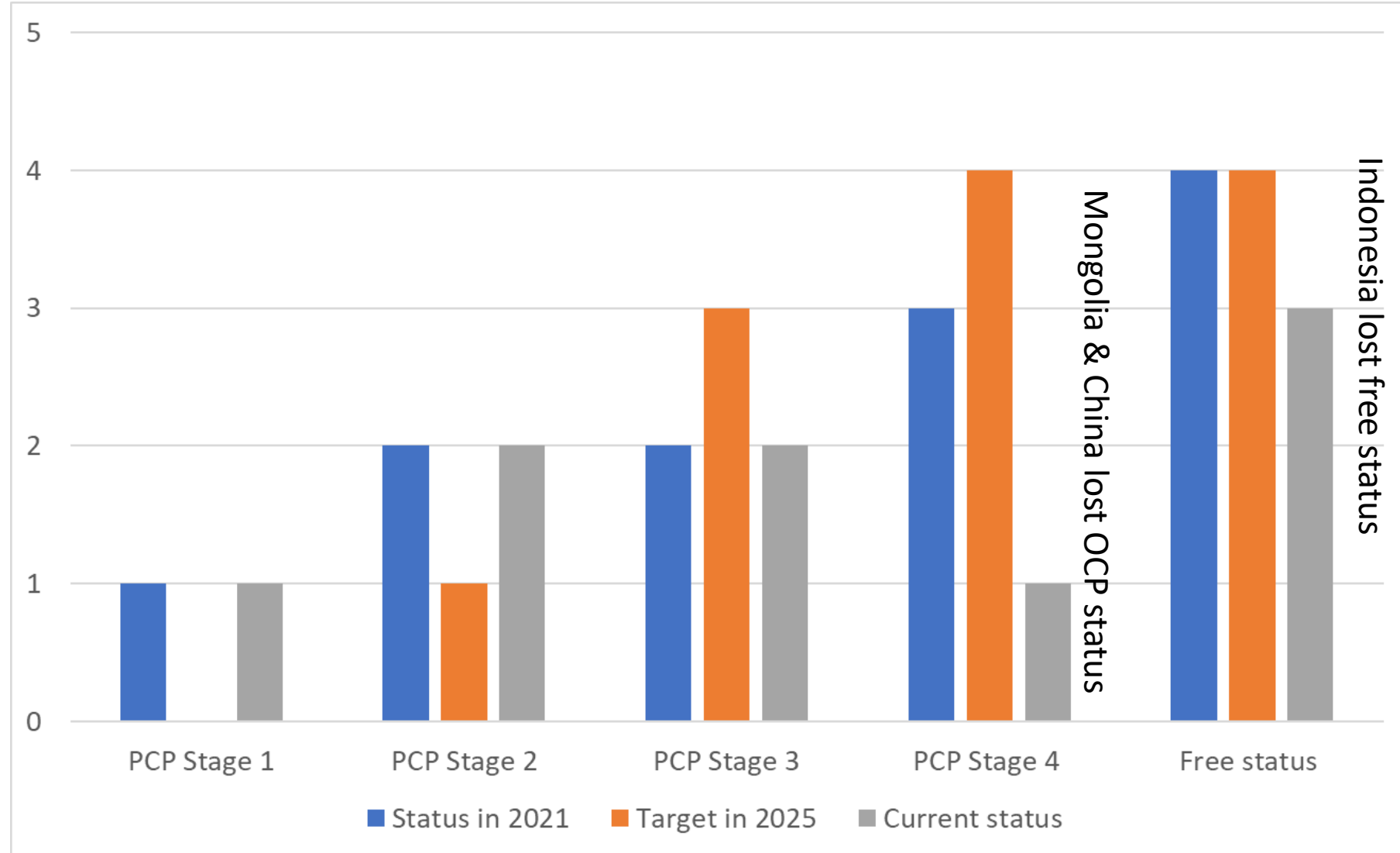
## Other technical and advisory Groups:

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

# Objective 1: Reinvigorated FMD prevention and control in SEACFMD member countries.

**Indicator 1:** PCP-FMD stage, progress within a stage or FMD-free status, of each SEACFMD member country, annually.

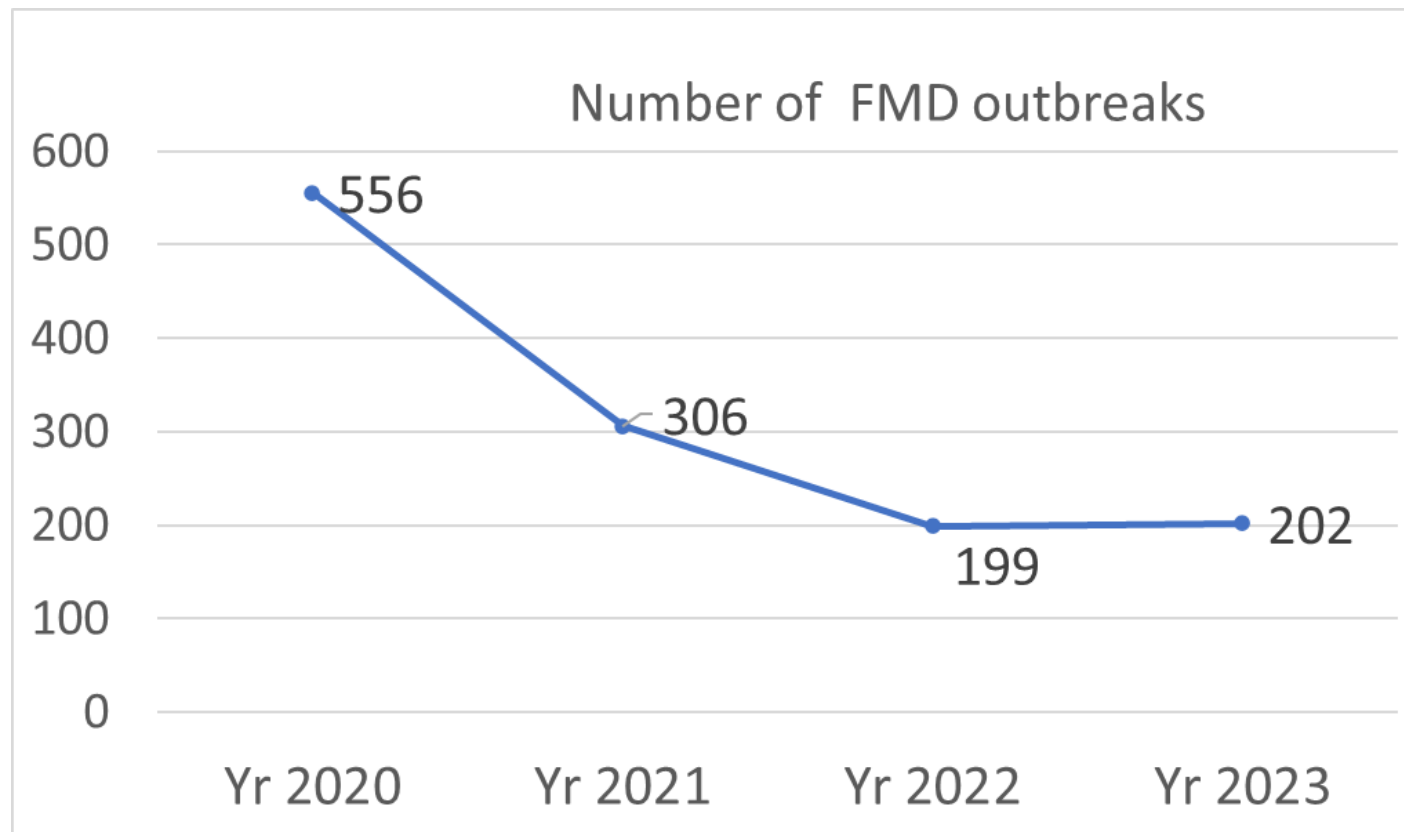
- Achieving targets?
- Political commitment?
- Resources?
- Challenges
  - Technical
  - Non technical





**Outcome 1:** Improved surveillance, movement control, vaccination and preparedness/response to FMD

**Indicator 2:** Prevalence of FMD at national, zone, and regional levels, annually/  
Number of FMD outbreaks reported by the Members



- Does this represent true picture of FMD in the region?
- What is the sensitivity of passive surveillance?

248 Outbreaks in  
2024



World Organisation  
for Animal Health

Source: SEACFMD Bulletins



Output 1.1: Fit-for-purpose and sustainable FMD surveillance system established

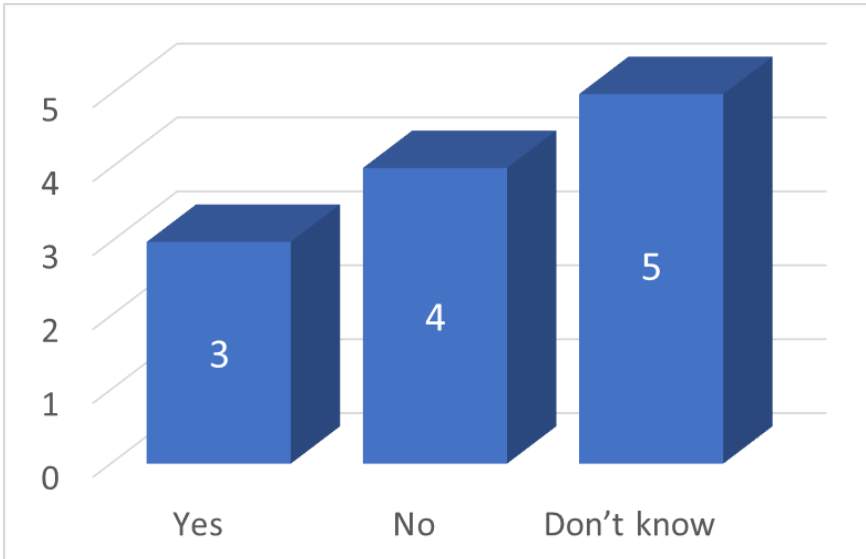
Indicator 3: Percentage of reported outbreaks with full investigation including virus characterization, annually.

Year	Number of FMD outbreaks reported	Number of FMD outbreaks with full investigation	Proportion (%) of reported outbreaks with full investigation, including virus characterization
2020	556	188	33.8
2021	306	155	50.7
2022	199	134	67.3
2023	202	19	9.4
2024	248	57	23

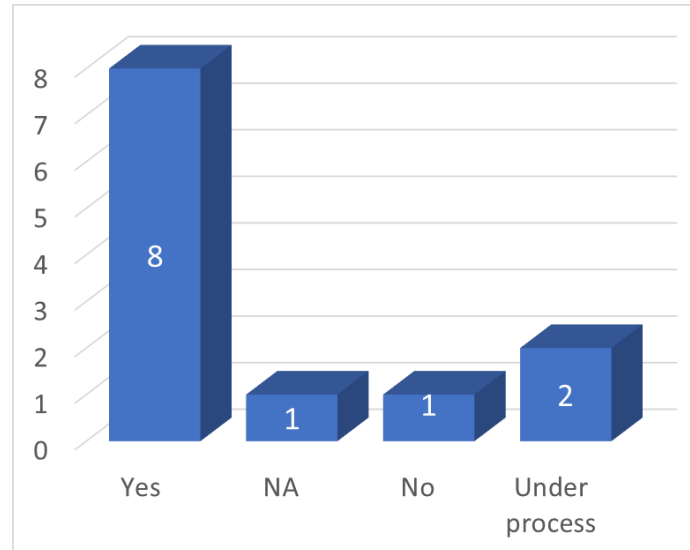
# Output 1.2 Incentives and pathways of livestock movements understood, and official animal movements promoted

Indicator 4: Number of agreement signed between the countries to facilitate livestock trade and legal movement of livestock

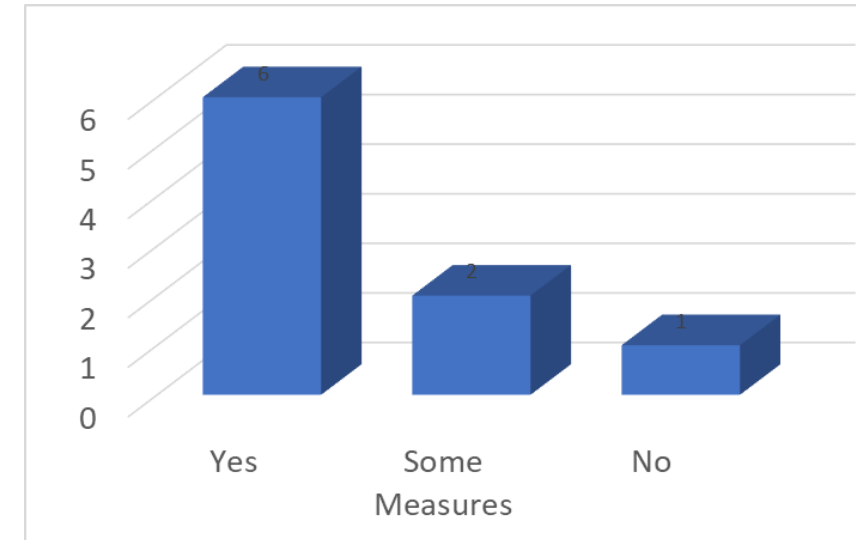
Baseline in 2021



Status in 2023



Status in 2025



# Output 1.3 Robust vaccination strategy developed, including access to quality vaccines and vaccination data management and analysis

Indicator 4: Average number of targets in the National Vaccination Strategy achieved annually/ Proportion of targets in the vaccination strategy achieved annually

Sl No	Key Parameteres
1	Quality of vaccine (Compliance with WOAHA standard
2	Schedule – 2 primary dose followed by six monthly intervals
3	All susceptible species covered
4	Maintain vaccination data
5	Conduct PVM
6	Vaccination coverage in target population
7	Fund commitment
8	Implement PPP
9	Legislation on FMD Vaccination and control
10	Formal vaccine registration process
11	Formal vaccine procurement system
12	Availability of cold chain facilities
13	Availability of required manpower

## Baseline in 2021

10.9 out of 13 identified parameters achieved (83.7%)

## Status in 2023

11.89 out of 13 identified parameters achieved (91.5%)

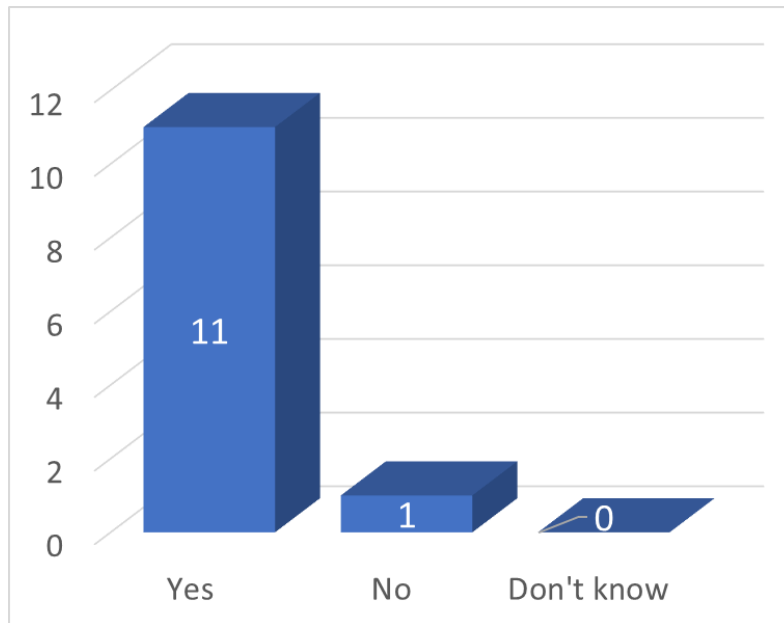
## Status in 2023

12.33 out of 13 identified parameters achieved (94.9%)

# Output 1.4 Preparedness and response capacity to both endemic and new FMD viral strains developed.

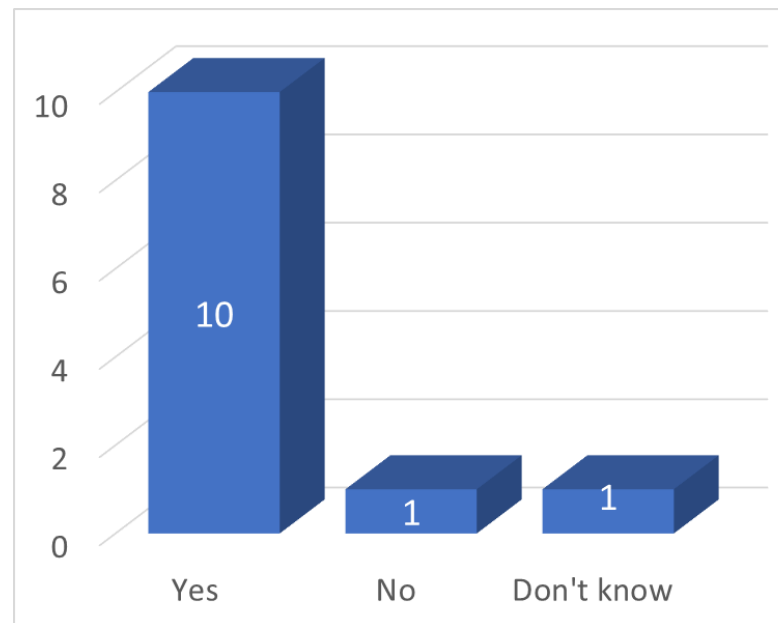
Indicator 6: Members have functional preparedness and response capacity to endemic and new FMD viral strains.

Baseline in 2021



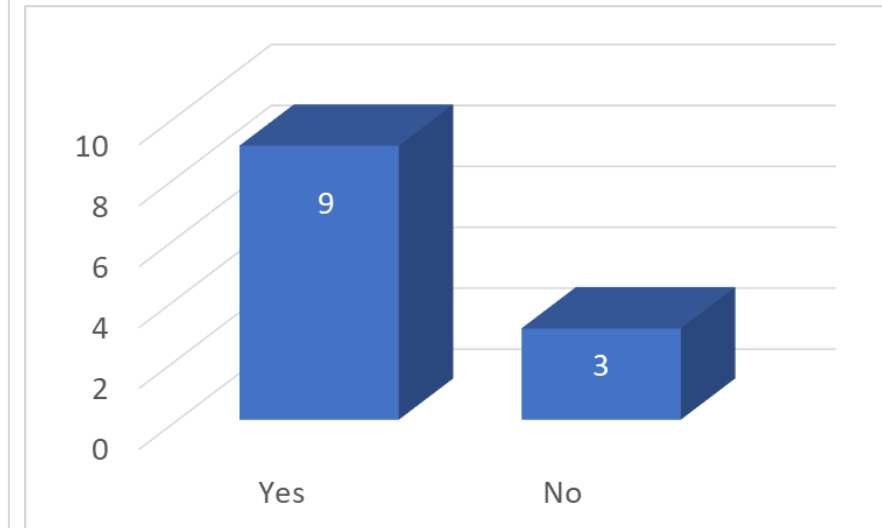
Two countries tested plan through simulation exercise

Status in 2023



Two countries tested plan through simulation exercise

Status in 2025

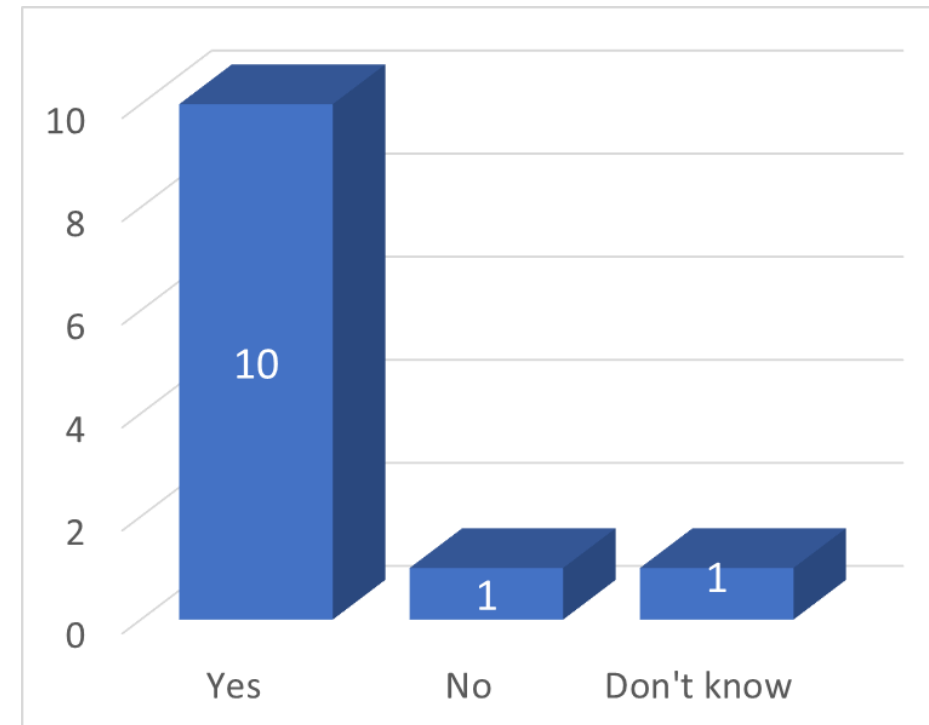


Three countries tested plan through simulation exercise

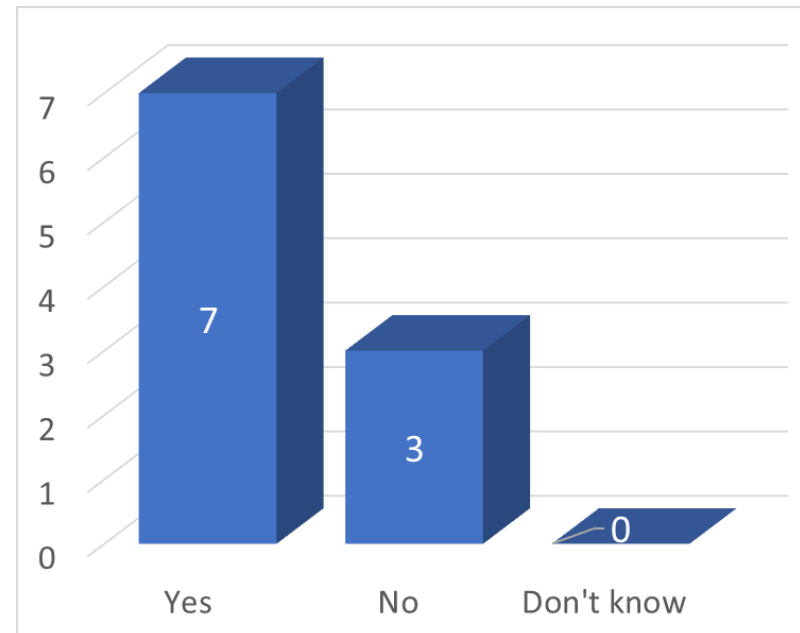
# Outcome 2: Improved ownership and enabling environment at national level

Indicator 7: National FMD Plan aligned with the SEACFMD Road Map (2021-2025) that has been endorsed by their Ministries with a budget allocation.

Baseline in 2021



If yes, is your country plan endorsed by your Ministry with budget allocation?



Status in 2025

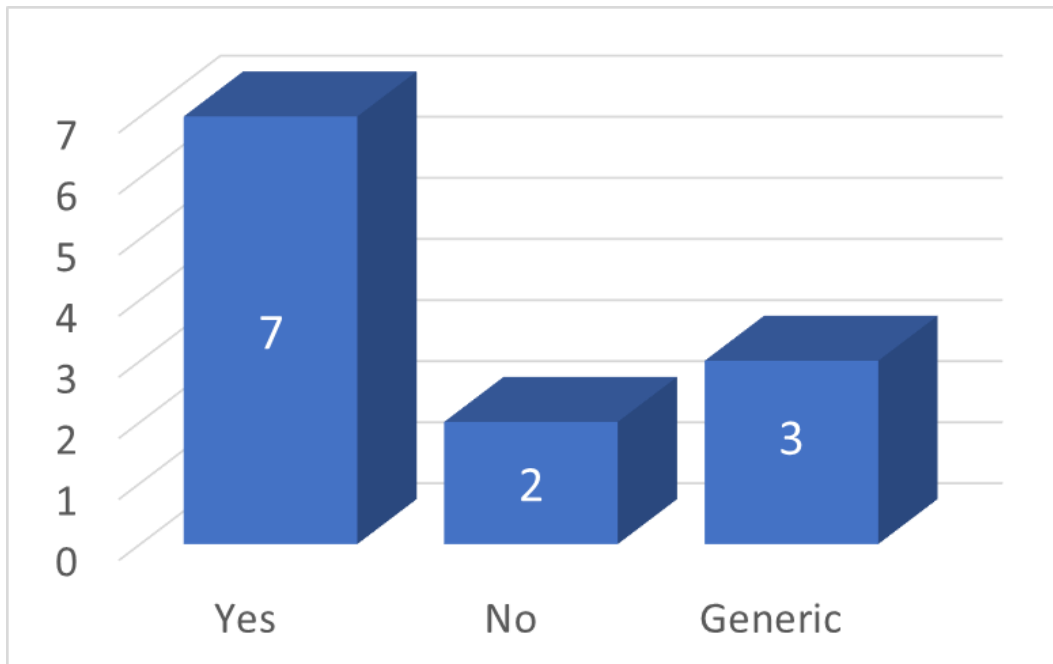
11 Members have Functional Emergency Preparedness and Response Plan



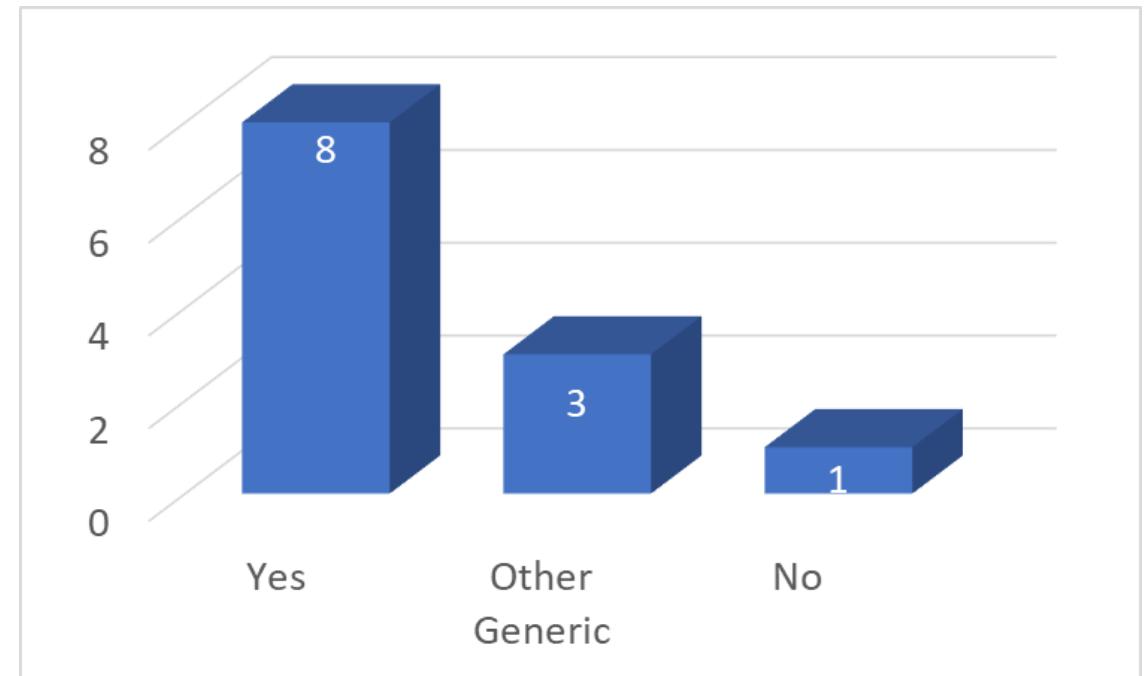
# Outcome 2: Improved ownership and enabling environment at national level

Indicator 7: Do you have a Task force or National Committee In-charge of over seeing FMD control in your country?

Status in 2023



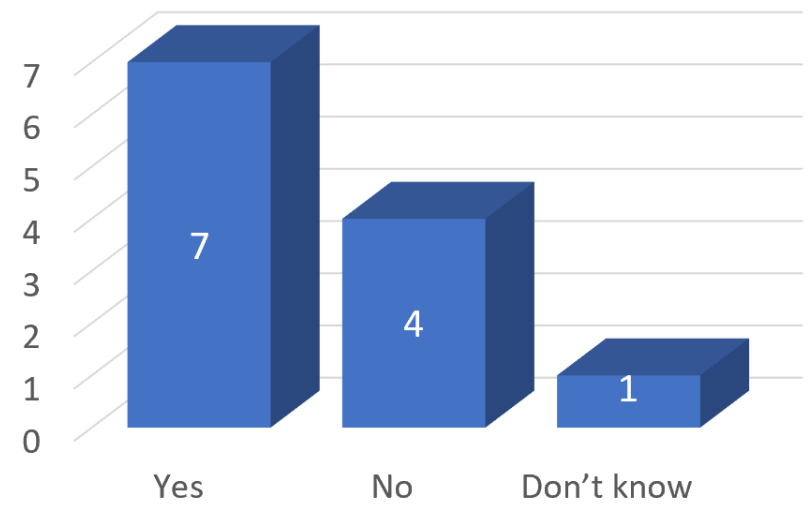
Status in 2025



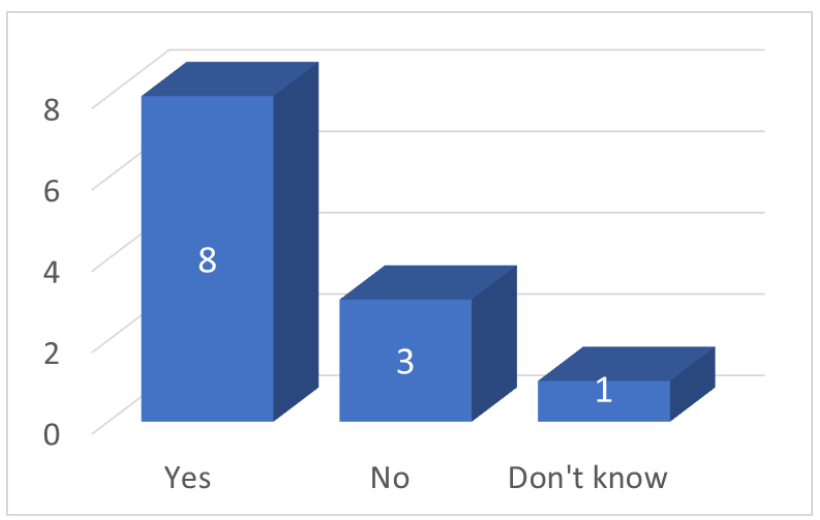
# Output 2.2 National Veterinary Service capacities assessed and recommendations from PVS Evaluation implemented.

## Indicator 9: Number of PVS self evaluation or external follow-up evaluation conducted

Baseline in 2021



Status in 2023



Thailand – 2024  
Philippines – 2023  
Indonesia – 2023

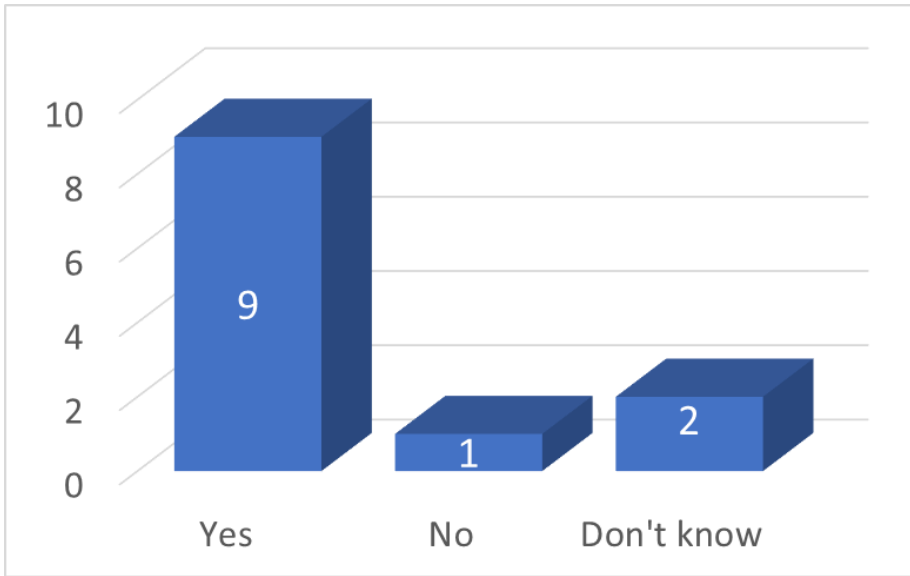
PVS Self Evaluation – 4  
PVS Follow-up Evaluation -2  
Both - 2

PVS Self Evaluation – 3  
(China, Vietnam and Myanmar)2

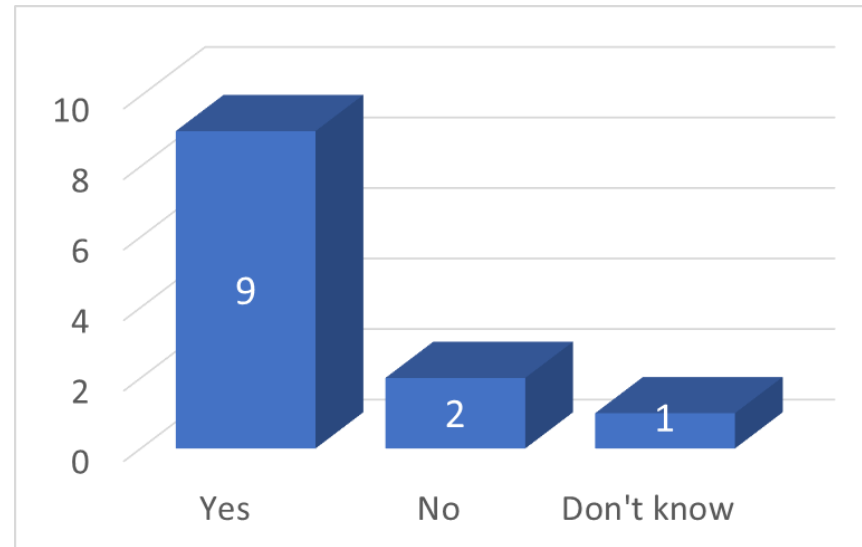
# Output 2.3 National legislation related to FMD (and other related TADs) reviewed and revised.

Indicator 10: National legislation related to FMD (and other related TADs) have been reviewed and revised.

Baseline in 2021



Status in 2023



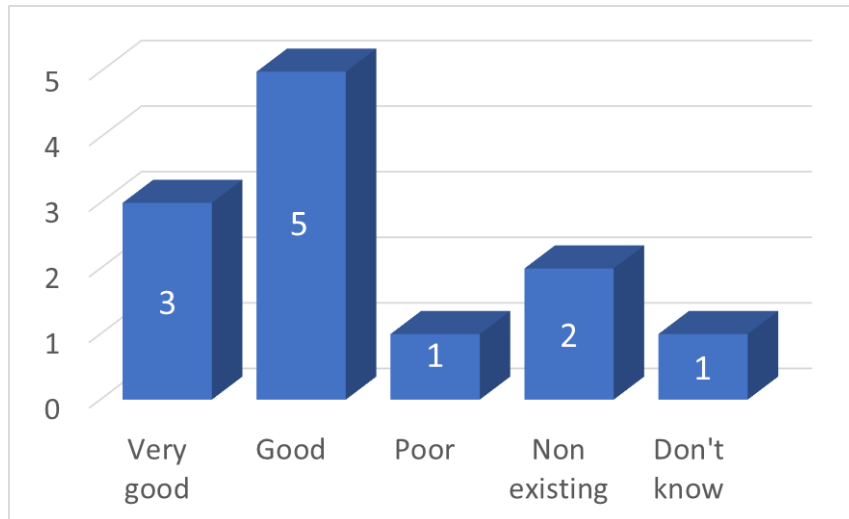
Status in 2025

11 Members reviewed and revised policies/legislations

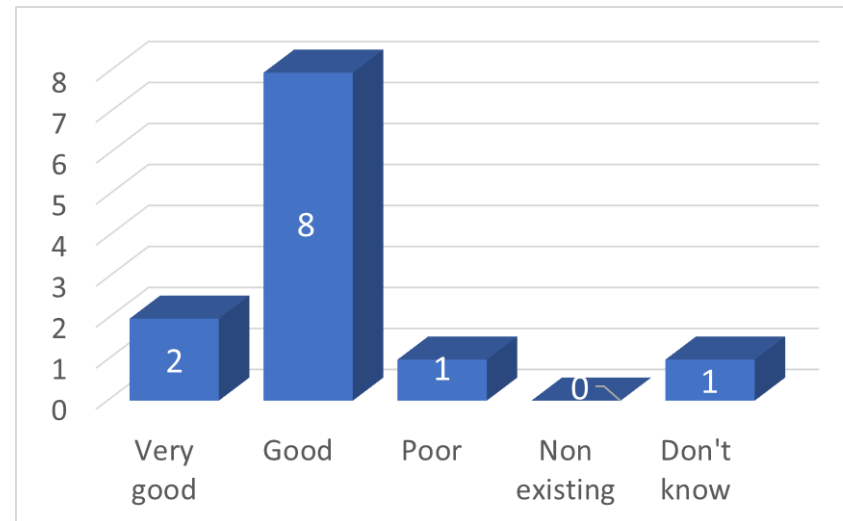
# Output 2.4 Multi-disciplinary and multisectoral efforts implemented for control of FMD (and other related TADs).

Indicator 11: Level of collaboration/ partnerships co-organized with the public and private sectors.

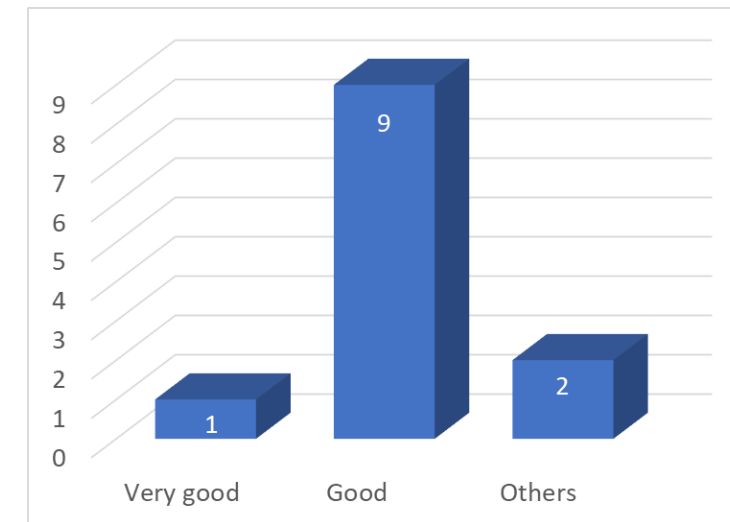
Baseline in 2021



Status in 2023



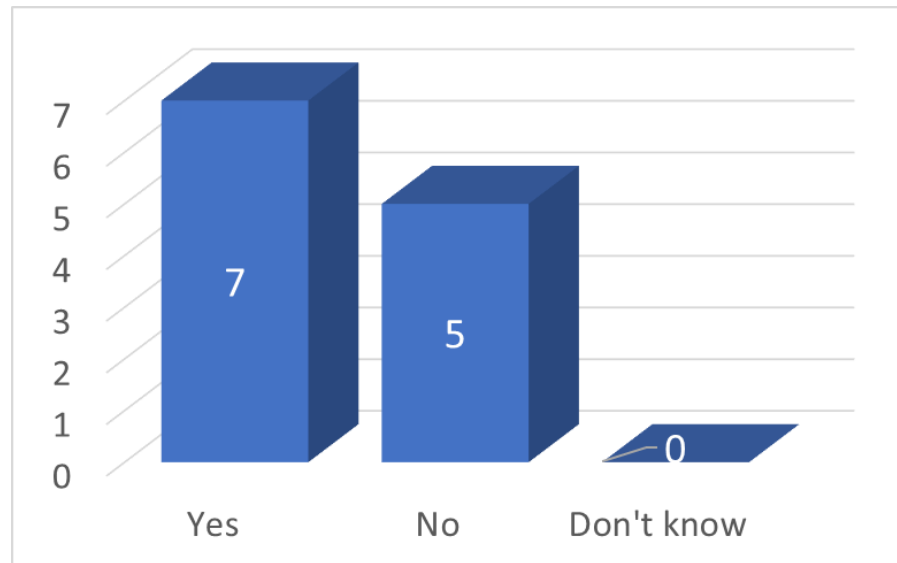
Status in 2025



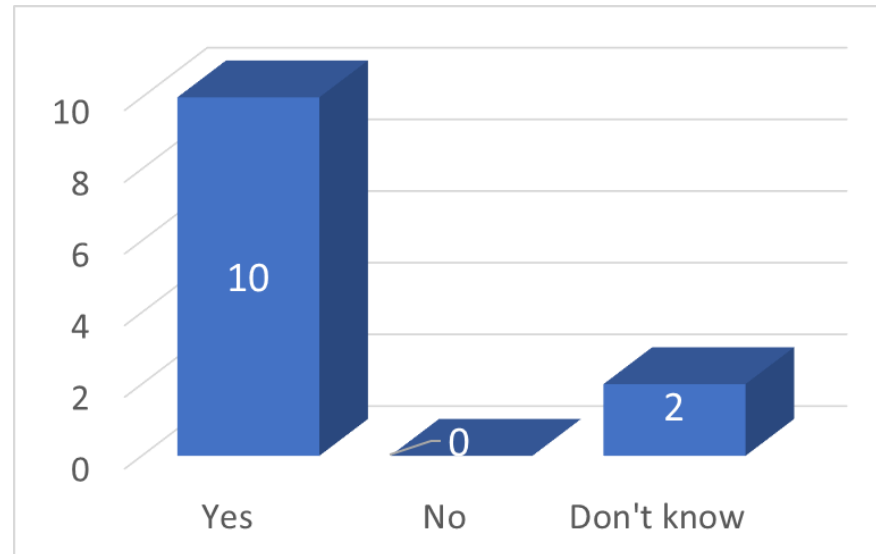
# Output 2.5 Cost-efficient synergies with other livestock activities implemented

Indicator 12: Number of activities identified and implemented that are in synergy (FMD and other TADs activities)

Baseline in 2021



Status in 2023



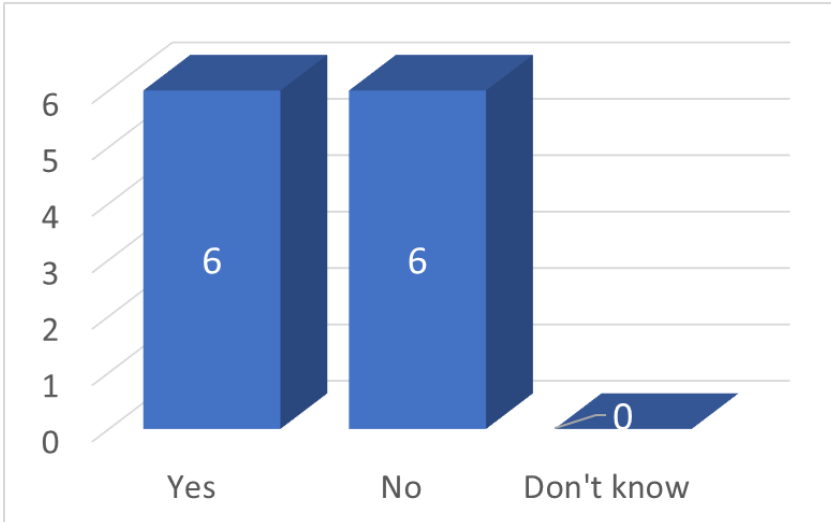
Status in 2025

10 Members implemented activities that are in synergy with other TADs control

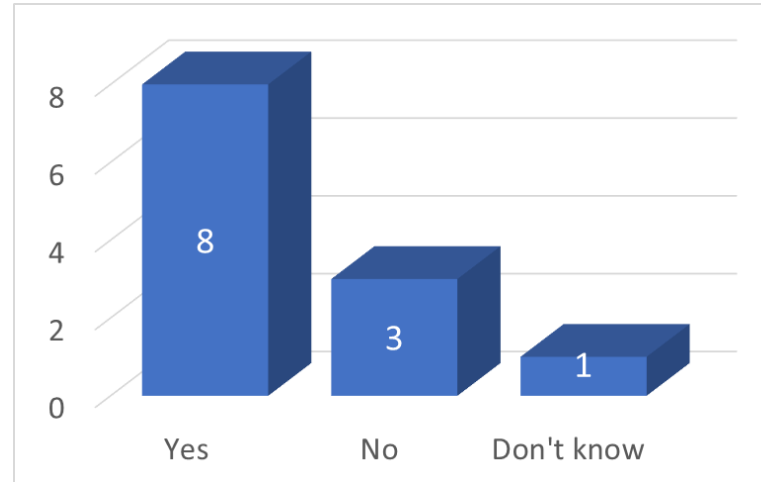
# Output 2.6 Pool of regional experts actively involved in SEACFMD activities.

Indicator 13: Number of national experts who have been included in regional and national FMD activities, annually.

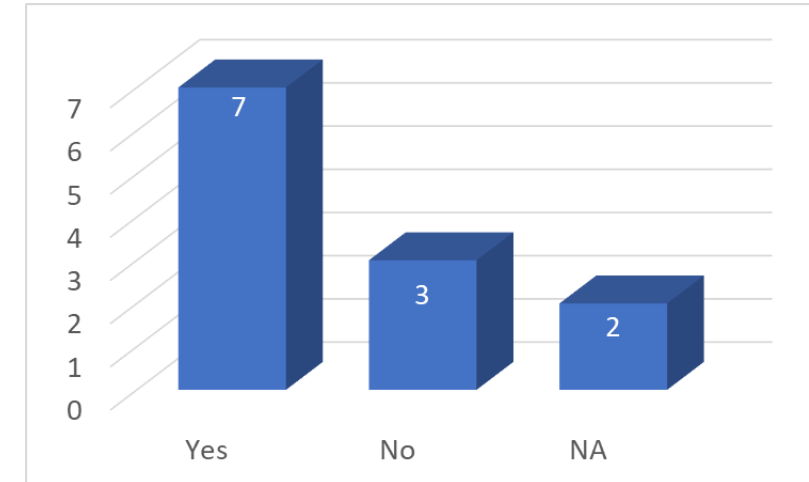
**Baseline in 2021**



**Status in 2023**



**Status in 2025**

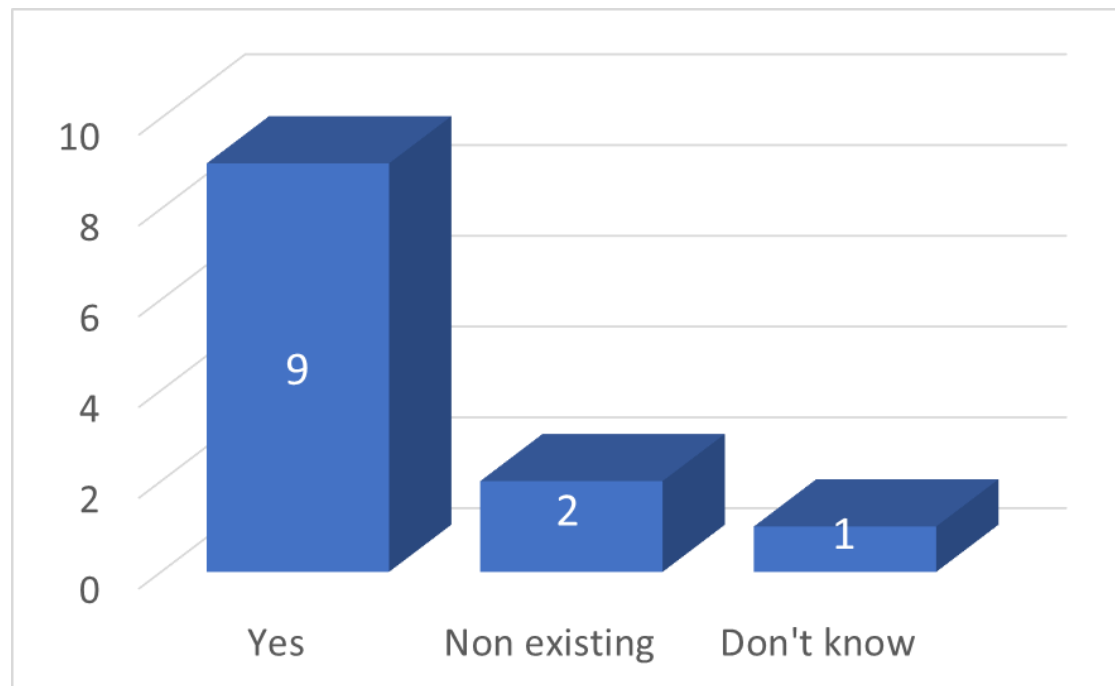




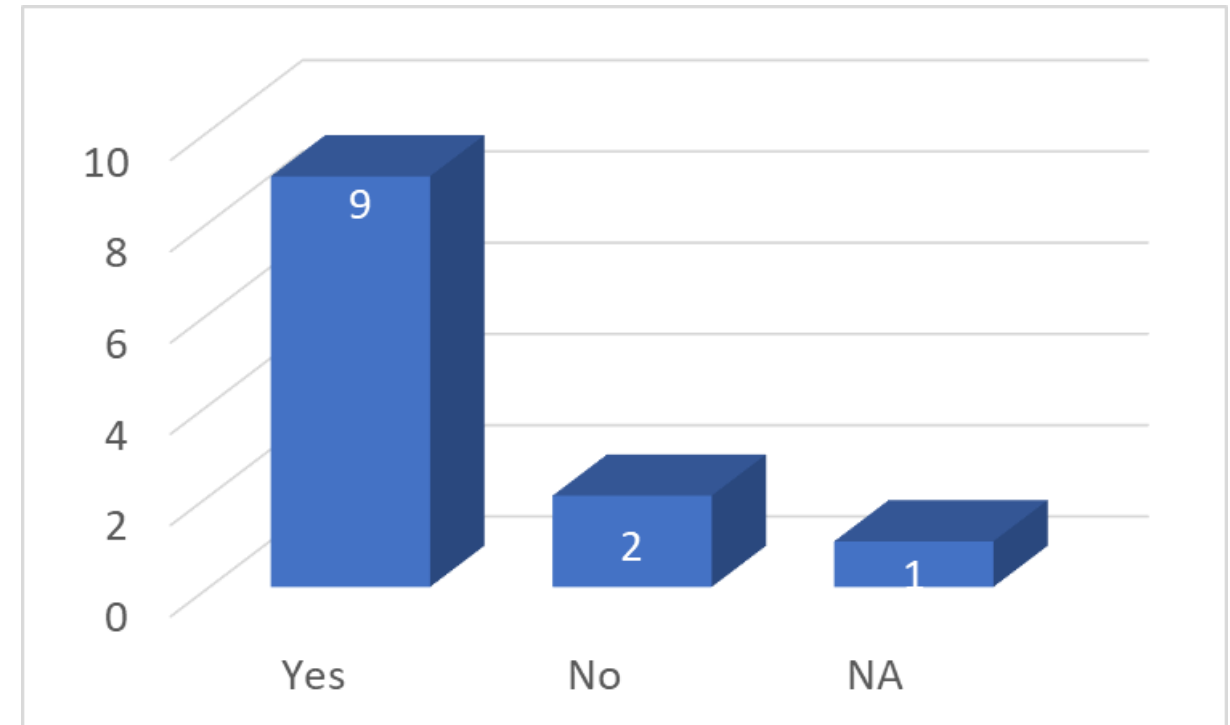
# Output 3.1 ASEAN support reaffirmed, including allocation of appropriate resources

Indicator 15: Number of Members who use this roadmap to secure fund commitment from their respective Government

Status in 2023



Status in 2025



# Highlights – Challenges and positive trends based on M&E indicator assessment

---

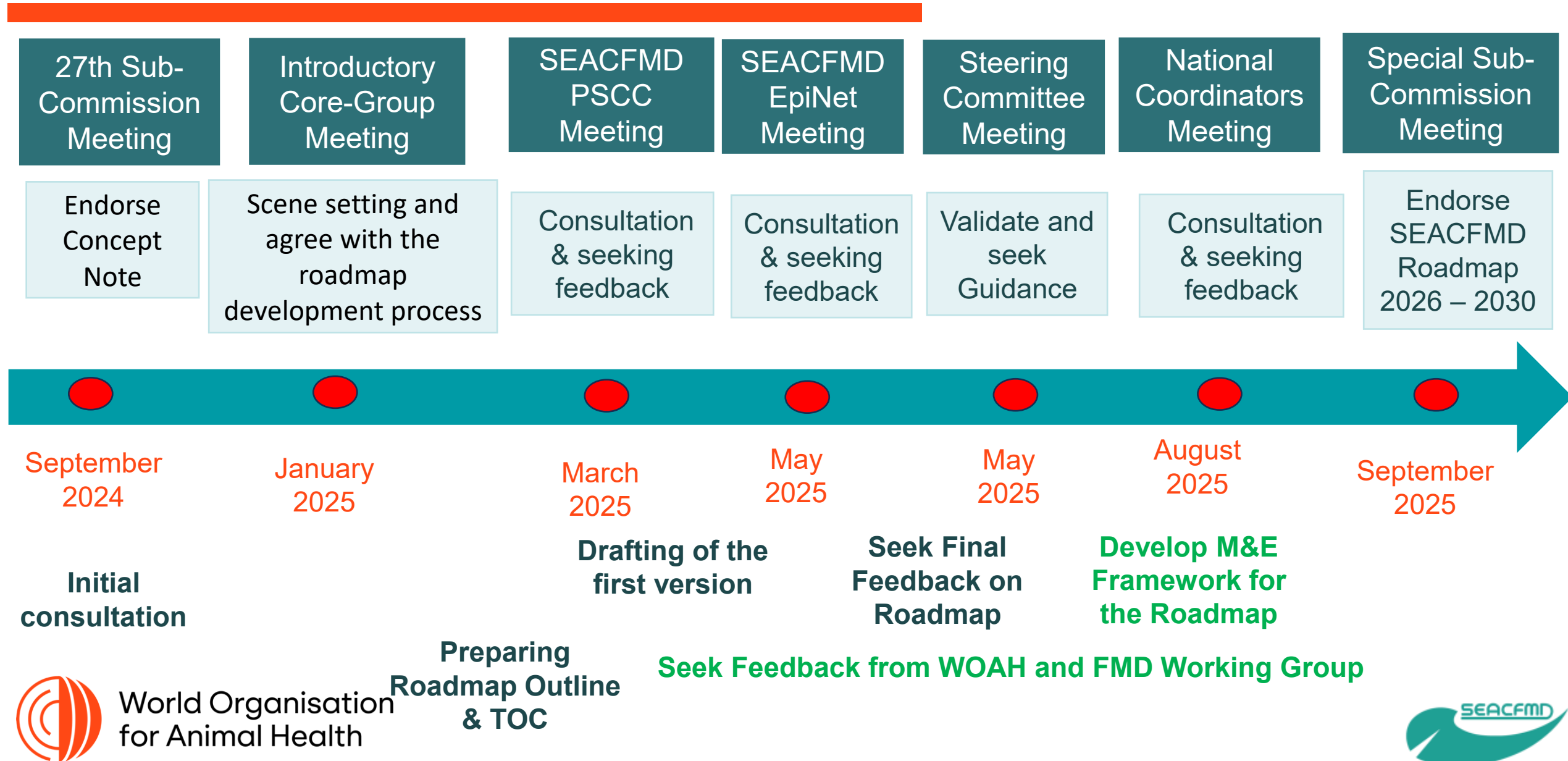
## Key challenges

- Progression of SEACFMD PCP stages and maintenance of WOAHA free status and official control programme
- Sensitivity of passive surveillance?
- Low rate of FMD virus typing
- Access to quality FMD vaccines
- Ownership and sustainability

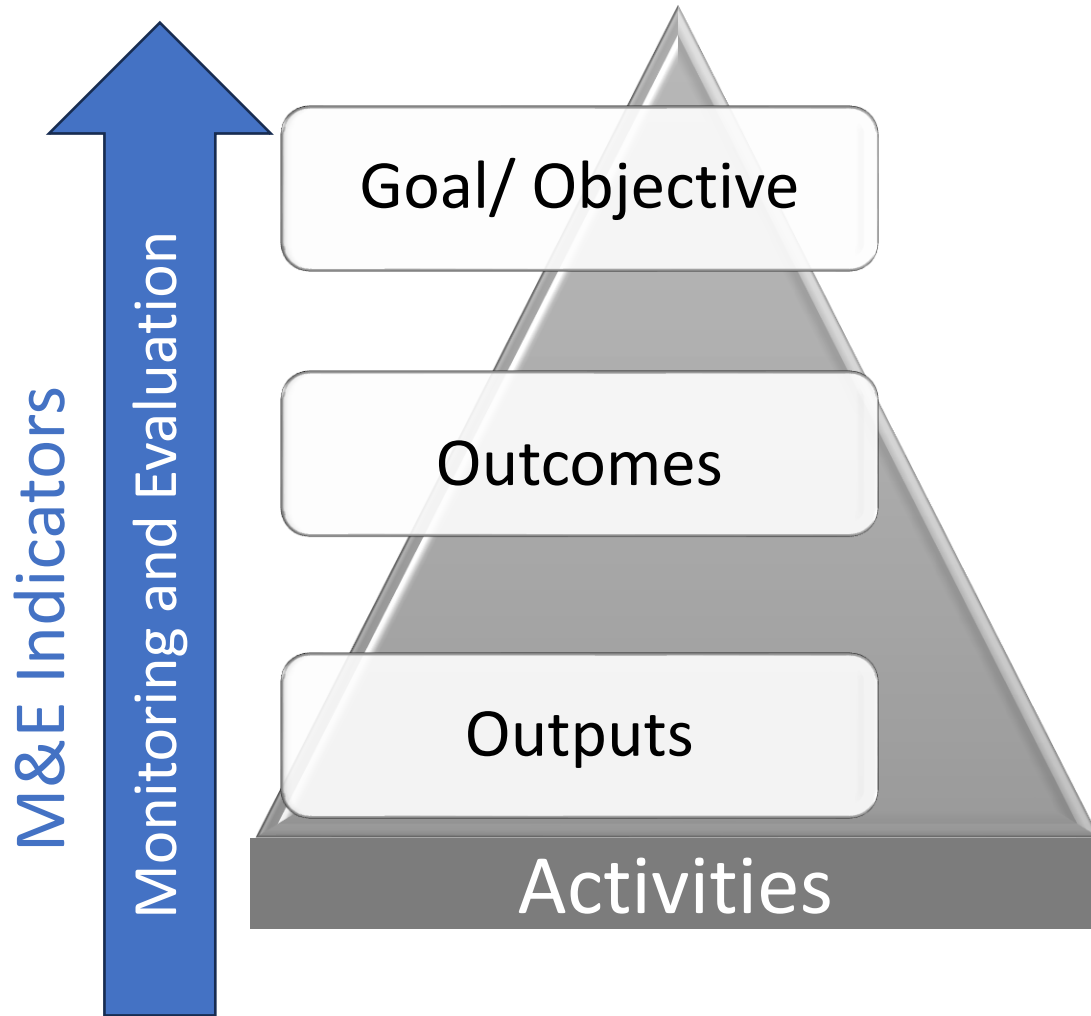
## Positive trends

- Increasing number of bilateral agreements for safer trade
- Synergies of FMD control with other TADs
- Resilient legislations
- Members interest in WOAHA Tools such as PVS evaluations

# SEACFMD Roadmap development



# Development of SEACFMD Roadmap 2026 – 2030



- Core Group and National Coordinators to lead
  - WOAHS EACFMD Steering Committee Members
  - WOAHS SRRSEA (Secretariat)
  - WOAHS – RRAP and HQ
  - WOAHS FMD Ref Lab & Collaborating Centres
  - ASEAN Lead country for FMD
- Steering Committee Member will be Advisory Group and work as RAG
- Sub-Commission
- Feedback
  - Specialist Commission – SCAD
  - Global FMD Working Group
  - Private Sectors
  - FAO

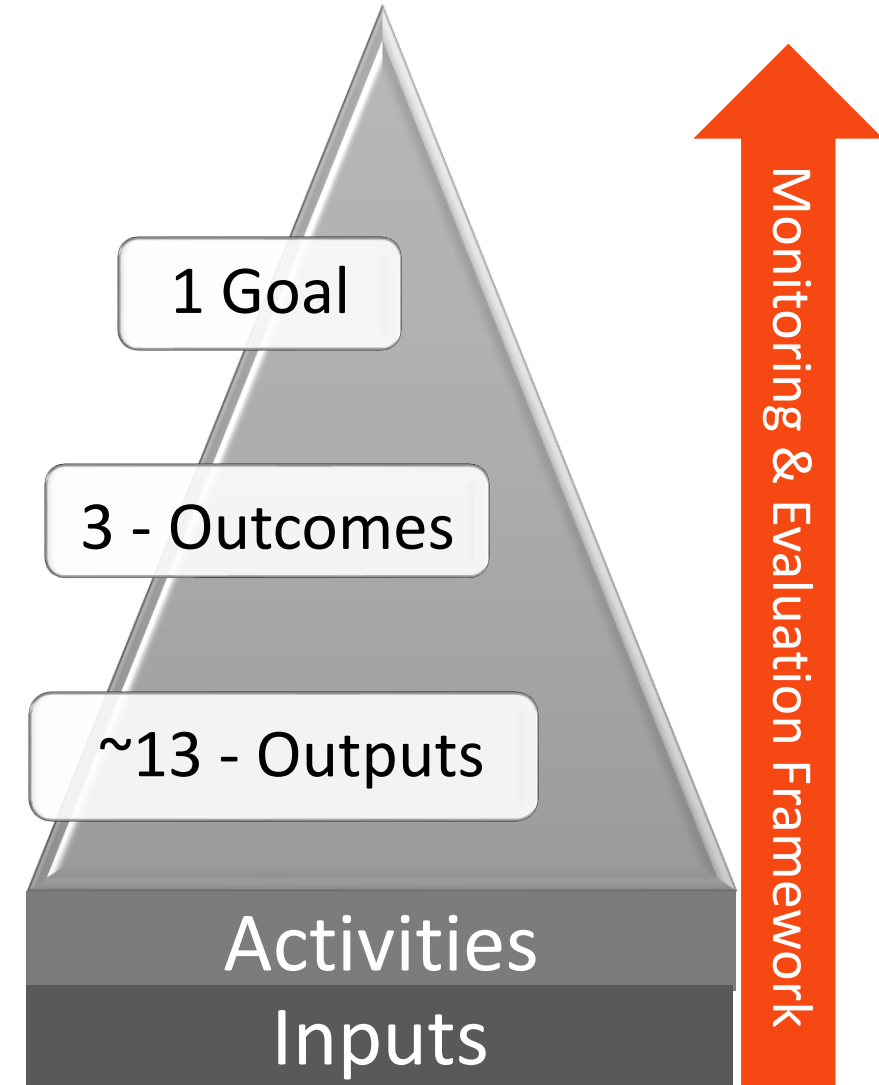
# SEACFMD Roadmap 2026 – 2030 (7<sup>th</sup> Phase – New Era of the SEACFMD Campaign)

## 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;
- Number of AMS that assessed the burden of FMD through use of a cost-effective tools



# SEACFMD Roadmap 2026 – 2030

## GOAL

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



## OUTCOMES

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

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

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



## OUTPUTS

**1.1. Surveillance**

**1.2 Laboratory**

**1.3 Movement control and biosecurity**

**1.4 FMD vaccination and access to quality vaccines**

**1.5 Emergency preparedness and contingency planning**

**2.1 Policies and legislations**

**2.2 Communication and Advocacy**

**2.3 Cost efficient synergies**

**3.1: Efficient and effective SEACFMD coordination platforms**

**3.2: Sustained collaboration with key partners in the region**

**3.3: Enhanced engagement and multi-disciplinary partnerships with key stakeholders**

**3.4: Cross border collaboration and partnerships among key stakeholders**



# Proposed M&E Indicators for the SEACFMD Roadmap 2026 – 2030

Results	Success Indicators
<b>Goal: To achieve regional control and eradication of FMD, through strengthened veterinary services and regional collaboration.</b>	1. Reduction of the burden of FMD including socio-economic impact 2. Expansion of FMD free zones
<b>Outcome: 1: FMD control enhanced through risk-based strategies, supporting PCP-FMD progress and maintaining FMD-free zones</b>	3. PCP-FMD stage, progress within a stage or FMD-free status, of each SEACFMD member country, annually. 4. Number of reported FMD outbreaks (annually)
<b>Output 1.1: Fit for purpose FMD surveillance system strengthened</b>	5. Percentage of reported outbreaks with full investigation including virus characterization, annually. 6. Number of members with identified FMD risk zones (low, medium, high)
<b>Output 1.2: Strengthened veterinary laboratory diagnostic system</b>	7. Designate WOAHP FMD Reference Laboratory in Southeast Asia 8. Number of laboratories implementing quality assurance programme (PT, twinning, accreditation)

# Proposed M&E Indicators for the SEACFMD Roadmap 2026 – 2030

<b>Output 1.3: Improved livestock movement control, quarantine and biosecurity</b>	<b>9. Number of agreements signed between the countries to facilitate livestock trade and legal movement of livestock</b>  <b>10. Number of SEACFMD Members who participated in studies to understand animal movement dynamics, value chains and risk pathways of TADs spread,</b>
<b>Output 1.4: Enhanced FMD vaccination and access to quality vaccines</b>	<b>11. Number of SEACFMD Members implementing risk-based vaccination with good quality vaccine that comply with WOAHA standards?</b>
<b>Output 1.5: Strengthened preparedness and response capacity in FMD-free zones and countries</b>	<b>12. Number of simulation exercise conducted to test FMD and other TADs contingency plans</b>

# Proposed M&E Indicators for the SEACFMD Roadmap 2026 – 2030

<b>Outcome 2: Improved ownership and enabling environment at national level</b>	<b>13. Number of SEACFMD Members with National FMD Prevention and control plan endorsed by the relevant Ministry with fund commitment</b>
<b>Output 2.1: Policies and legislations related to FMD and TADs control enhanced</b>	14. Number of SEACFMD Members whose National legislation related to FMD (and other related TADs) have been reviewed and revised based on emerging needs.
<b>Output 2.2: Enhanced communication, advocacy and stakeholder engagement</b>	15. SEACFMD/TADs Communication Strategy developed  16. Number of SEACFMD Members with National FMD/ TADs Communication Strategy/ Plan
<b>Output 2.3: Cost efficient synergies with other livestock production/ animal health and TADs control activities developed</b>	17. Number of activities implemented that are in synergy with other TADs and livestock production related activities

# Proposed M&E Indicators for the SEACFMD Roadmap 2026 – 2030

<b>Outcome 3: Enhanced partnerships and regional collaboration for effective FMD and TADs control</b>	<b>18. Number of diverse range of stakeholders and disciplines engaged in FMD and TADs prevention and control</b>
<b>Output 3.1: Efficient and effective SEACFMD coordination platforms in place</b>	19. Number of SEACFMD Governance Meeting recommendations implemented, annually.
<b>Output 3.2: Sustained collaboration with key partners in the region for the prevention and control of FMD and TADs.</b>	20. Percentage of targeted stakeholders engaged in FMD and TADs prevention and control
<b>Output 3.3: Strengthened engagement and partnerships with key stakeholders, including multi-disciplinary collaboration</b>	21. Number of activities/ partnerships co-organized with the public and private sectors.
<b>Output 3.4: Improved cross border collaboration and partnerships among key stakeholders</b>	22. Number of cross border collaboration and coordination activities to facilitate safe trade

# Group Work/ World Café Session

Participants will be divided into three groups

Each group will be assigned with one Outcome

Thereafter group rotate and will have opportunity to visit each booth to provide inputs

My café is assigned with facilitators who will assist provide guidance (Facilitator will remain at the station)

**Facilitators:**  
- Boloroo & Ronel

Thailand  
Indonesia  
Philippines  
Mongolia  
Wen  
MSD

**GROUP 3**  
**Outcome 3 –**  
**Collaboration**  
**and Partnership**

**Facilitators:**  
- Ashish & Shohei

**GROUP 1**  
**Outcome 1 –**  
**Risk-based**

Malaysia  
Lao PDR  
Myanmar  
Biogenesis  
Don  
CAHEC  
PakChong

**Facilitators:**  
Karma & Naree

WORLD  
CAFE

Cambodia  
Singapore  
Brunei  
China  
Wilna  
Kunming

**GROUP 2**  
**Outcome 2 -**  
**Country**  
**ownership**

# Group Work/ World Café Session

## Each Group to come up with:

- Critically review the proposed M&E indicators
- Provide suggestions to improve proposed M&E indicators
- Feel free to propose new M&E indicators

## Facilitators:

- Boloroo & Ronel

Thailand  
Indonesia  
Philippines  
Mongolia  
LVRI  
MSD  
ACCAHZ  
FAO

### GROUP 1

Outcome 1 –  
Risk-based

Malaysia  
Lao PDR  
Myanmar  
Biogenesis  
Don  
CAHEC  
PakChong

WORLD  
CAFE

## Facilitators:

Karma & Naree

### GROUP 3

Outcome 3 –  
Collaboration  
and Partnership

## Facilitators:

- Ashish & Shohei

Cambodia  
Singapore  
Brunei  
Vietnam  
Wilna  
Kunming

### GROUP 2

Outcome 2 -  
Country  
ownership





Thank You