

World Organisation for Animal Health

SEACFMD Laboratory Network Meeting

2026 Country Report (Myanmar)

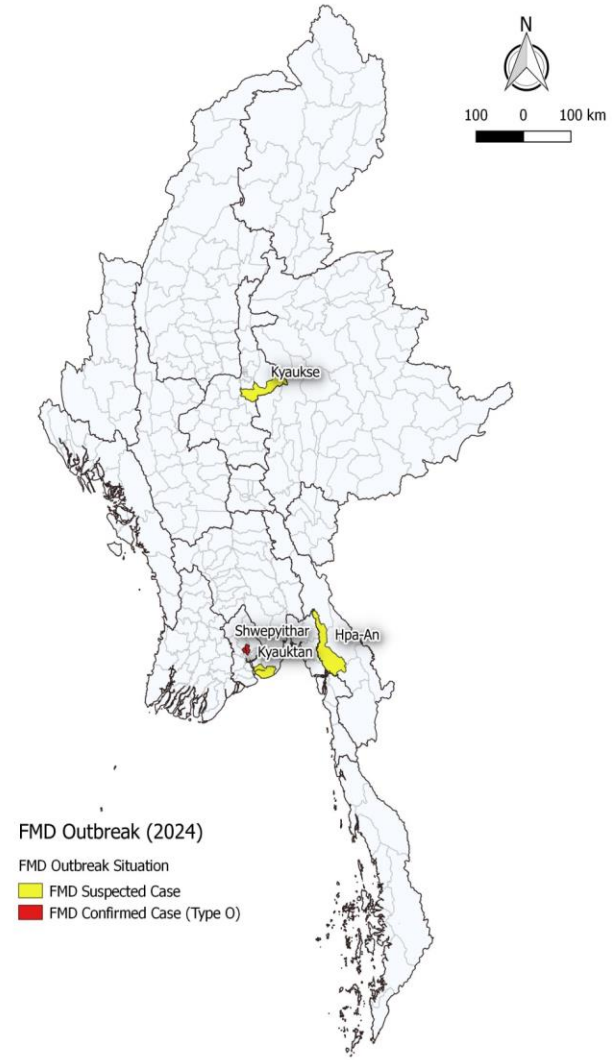
[Dr. Ni Ni Aung and Deputy Director]

10-11 November 2026
Manila, The Philippines

BRIEF FMD SITUATION :

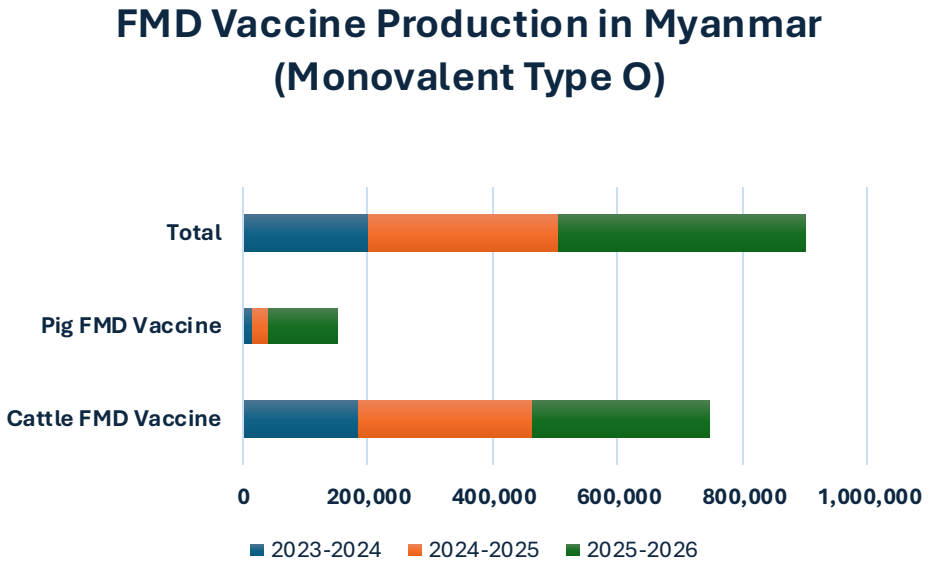
FMD situation in 2024, 2025 and 2026

Year	Month	State/ Region	Township	Species	Specimens	No. of Affected Villages	Myanmar Lab Results	Remark
2024	July	Kayin	Hpa-An	Pig	Hoof Epithelium	1	NVD	Unofficial Report
	July	Yangon	Shwepyithar	Cattle	Tongue Epithelium	1	Type O	Unofficial Report
	September	Mandalay	Kyaukse	Cattle	Hoof Epithelium	1	NVD	Unofficial Report
	October	Yangon	Kyauktan	Goat	Hoof Epithelium	1	NVD	Unofficial Report
	November	Yangon	Kyauktan	Goat	Hoof Epithelium	1	NVD	Unofficial Report
2025	No report case							
2026	No report case							



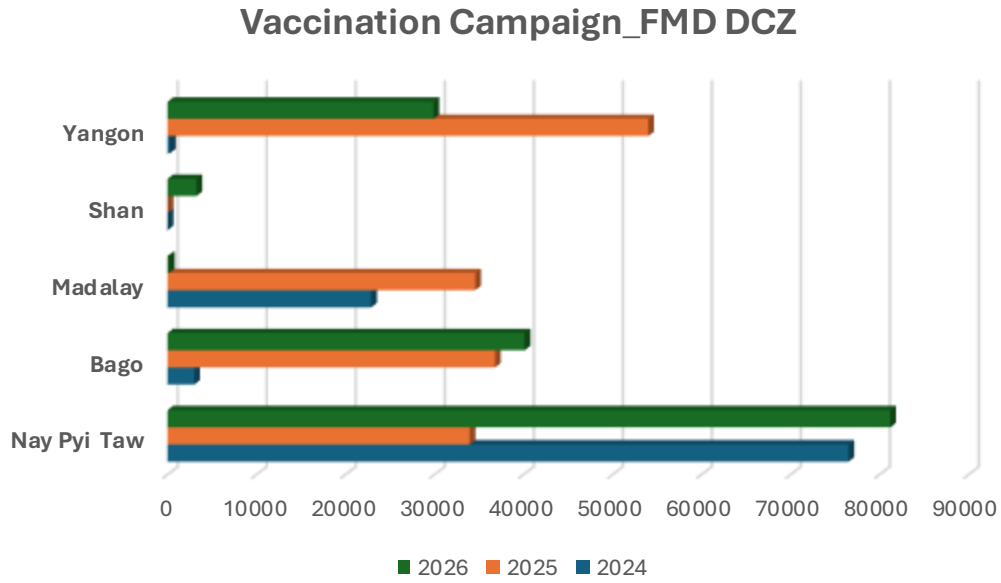
BRIEF FMD SITUATION : FMD Vaccine Production in Myanmar (Monovalent Type O)

Year	Cattle FMD Vaccine	Pig FMD Vaccine	Total
2023-2024	184,500	16,500	201,000
2024-2025	277,530	25,020	302,550
2025-2026	284,280	112440	396720



Local FMD Monovalent Type O and Vaccination Campaign_ FMD Disease Control Zone)

Year	Nay Pyi Taw	Bago	Madalay	Shan	Yangon
2024	76500	3000	22860	0	270
2025	33930	36780	34560	0	54000
2026	81180	40110	150	3240	29880



Surveillance

FMD active surveillance activities (2023-2026)

Year	Number of samples received at National Laboratory	Number of samples tested	No of NSP-ELISA Positive	Remark
2023-2024	2252	1374	886	
2024-2025	530	250	25	
2025-2026	150	150	-	Pig Trade

No	Years	Shwe Myo FMD Diagnostic Lab		Remark
		NSP-ELISA	LP-ELISA	
1	2023-2024	805	565	
2	2024-2025	827	399	
3	2025-2026	-	3610	

Current Projects and Programmes Supporting Laboratory

Project / Programme	Implementation Period	Main Focus Areas	Donor / Supporting Organisation	Laboratory Capacity-Building Activities / Outputs
Cooperation for Establishment of Cross-border FMD Free Zone among Lancang-Mekong Countries	2023-2026	FMD diagnosis, surveillance	China	- coordinated FMD surveillance system - Enhanced regional FMD laboratory network - Potential cross-border FMD Free Zone areas identified and mapped
Animal Movement Pathways and Value Chain Study in the Region	2026	FMD Surveillance	WOAH	- Regional animal movement pathway map - Livestock value chain maps - Database of key movement routes and stakeholders - Identification of high-risk animal movement points - Assessment of movement control and traceability systems - Disease-risk analysis along livestock value chains
Malaysia - Thailand - Myanmar (MTM) Campaign for	2026	FMD Surveillance	WOAH	- strengthen regional control of FMD and other TADs; - promote trade in livestock and livestock products; and - create FMD free zones in designated areas

Important changes since 2023 SEACFMD LabNet meeting

- continued progress in strengthening the linkage between field surveillance, laboratory diagnosis, and FMD control activities.

- Progression to Stage 3, we have already sent **the OCP –FMD in Myanmar to SEACFMD Steering Committee on September 2026.**

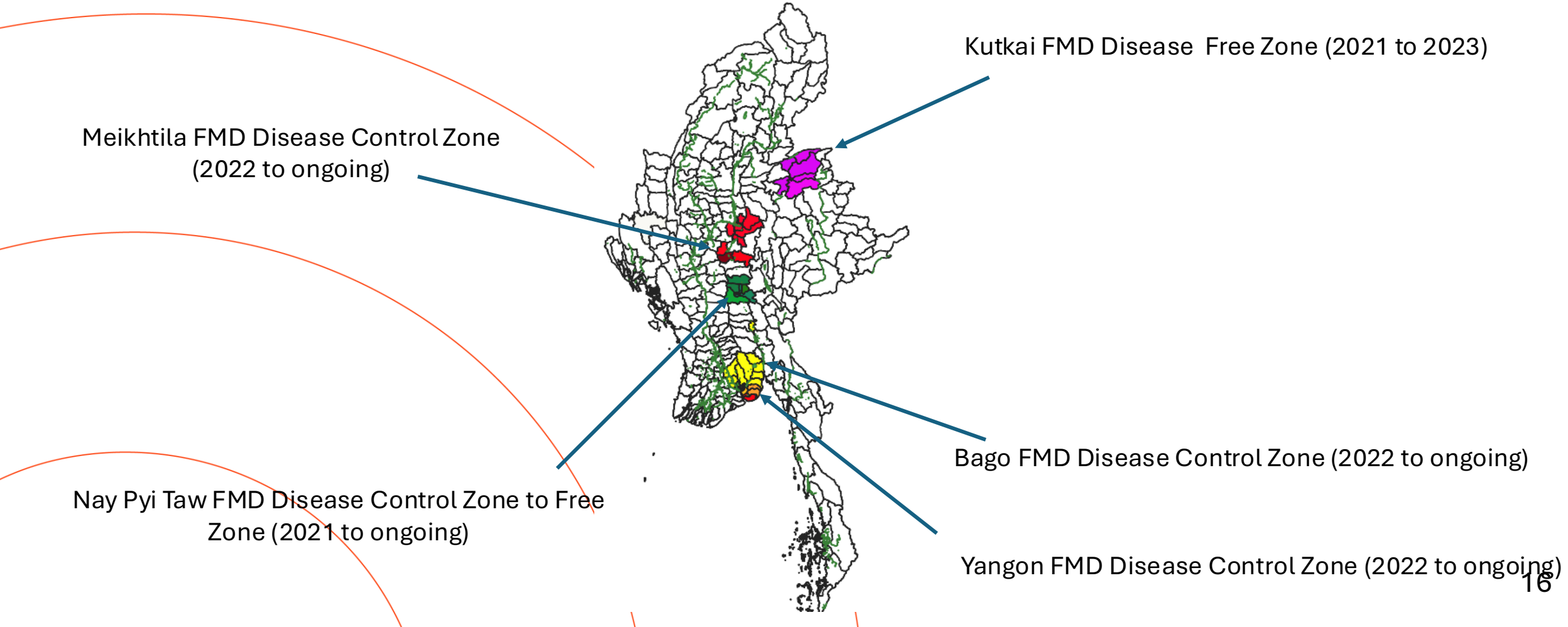
New challenges -

- sustaining laboratory capacity,
- ensuring the availability of reagents and consumables,
- maintaining skilled personnel,
- overcoming logistical and field-access constraints, and
- strengthening molecular and epidemiological characterization.

Best Practices and Experiences to Share

Successful Practices and Lessons Learned from Myanmar

- established the Kutkai FMD Free Zone (2020) and Nay Pyi Taw FMD Control Zone (established 2021, officially announced January 13,2023), Bago/ Yangon FMD Control Zone (2022), Meikhila FMD control zone (2022) using active surveillance and regular mass vaccination.



Collaboration and network needs

Priority Areas for Strengthened Regional Collaboration

- Technical support for vaccine production
- Reference laboratory networking
- Regional knowledge sharing
- Cross-border cooperation
- Capacity building

2026–2028 way forward

PROPOSED ACTION

- **FMD Laboratory Capacity and Diagnostic Networking**
  - Regional training programms, workshops, laboratory attachments
  - hands-on technical training from WOAH or any donor collaboration and data sharing and updated information from Laboratories
- **Vaccine**
  - 1 million doses vaccine plant will be constructed by Government Budget. (JICA Project suspension)
  - Vaccine procurement, FMD virus typing, molecular technology support from WOAH
- **Surveillance**
  - Active and passive surveillance, Post Vaccination Monitoring, outbreak investigation

THANK YOU

