

# SEACFMD Laboratory network Meeting

## Day 2: Session 7: Move forward and Action plan

### Group 1: How to strengthen Regional Laboratory Networking (Pak Chong FMD Diagnostic Laboratory)

- Gap Identify and solution for FMD diagnostic tools; Regional serology and molecular diagnostic assay verification)

- FMD Endemic countries: (Cambodia, Lao PDR, Malaysia, Myanmar, Vietnam)

#### ✓ How to strengthen Regional Laboratory Networking?

Country	To strengthen Regional Laboratory Networking
○ Cambodia	-Collaboration Research -Exchange program; Twinning project
○ Lao PDR	-Share information -Training
○ Malaysia	-PT -More communication: Sharing knowledge, sample submission
○ Myanmar	-Support Ref sample

#### ✓ Testing the Regional FMD molecular algorithm in the region and identifying the support required from member countries.

Country	FMD Molecular Algorithm; REG group	FMD Molecular Algorithm ACDP/RRL ssRT-PCR	Support
○ Cambodia	-	20 samples	-Consumable -Box shipment
○ Lao PDR	-	20 samples	-Consumable -Box shipment
○ Malaysia	Participation	30 samples	-Primer -Master mix -Extraction kits
○ Myanmar	Participation	30 samples	-Primer -Master mix -Extraction kits

- ✓ What logistic arrangements are needed for sending samples to Pak Chong FMD Diagnostic Laboratory and WRLFMD?

Country	logistic arrangements for RRL	logistic arrangements for WRL	Remark
○ Cambodia	Car transportation	RRL send to WRL for confirmation	
○ Lao PDR	Car transportation	RRL send to WRL for confirmation	
○ Malaysia	Car transportation	RRL send to WRL for confirmation	
○ Myanmar	Car transportation	RRL send to WRL for confirmation	

- ✓ FMD Diagnostic training in 2024

Country	FMD Diagnostic training in 2024	Remark
○ Cambodia	<ul style="list-style-type: none"> <li>- ELISA assay for young staff: Ag typing, Ab detection, Vaccine matching</li> <li>- PCR technique</li> <li>- Bioinformatic</li> <li>- Biosafety and Biosecurity</li> </ul>	
○ Lao PDR	<ul style="list-style-type: none"> <li>- ELISA assay for young staff: Ag typing, Ab detection, Vaccine matching</li> <li>- PCR technique</li> <li>- Bioinformatic</li> <li>- Biosafety and Biosecurity</li> <li>- QA principle</li> </ul>	
○ Malaysia	<ul style="list-style-type: none"> <li>- ELISA assay for young staff: Ag typing, Ab detection, Vaccine matching</li> <li>- PCR technique; Multiplex serotyping</li> <li>- Bioinformatic</li> <li>- Biosafety and Biosecurity</li> <li>- Basic BSL-3 Operation</li> <li>- QA principle</li> </ul>	
○ Myanmar	<ul style="list-style-type: none"> <li>- ELISA assay for young staff: Ag typing, Ab detection, Vaccine matching</li> <li>- PCR technique; Multiplex serotyping</li> <li>- Bioinformatic</li> <li>- Biosafety and Biosecurity</li> <li>- Basic BSL-3 Operation</li> <li>- QA principle</li> <li>- ISO 17025 concept requirement</li> </ul>	

