



## **Report of the Fourth African swine fever (ASF) Coordination Meeting for South-East Asia**

26 to 28 November 2024, Hanoi, Vietnam



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## ACKNOWLEDGEMENTS

The WOAHA extends its sincere gratitude to all the participants, including representatives from ASEAN Member States, Non ASEAN Member States, Partners and Experts who actively participated and contributed in the 4<sup>th</sup> ASF Coordination Meeting for South-East Asia, held from 26 – 28 November 2024 in Hanoi, Vietnam, both in person and virtually.

The success of this meeting was made possible through the dedicated efforts of the ASEAN Co-Lead Countries for ASF (the Philippines and Vietnam), the ASEAN Secretariat, and ASEAN Member States. Their extensive contributions included preparatory work on the draft implementation plan, completion of surveys for the Monitoring and Evaluation (M&E) framework, and the development of informative country posters.

We deeply appreciate our partners and experts for their insightful presentations and valuable roles in moderating interactive sessions, which significantly contributed to the meeting's success and productive outcomes.

Our heartfelt thanks also go to the Department of Animal Health, Vietnam, for its exceptional hosting of the 4<sup>th</sup> ASF Coordination Meeting for South-East Asia.

The organisation of this meeting and the preparation of the subsequent report were coordinated by Karma Rinzin, Bolortuya Purevsuren, Ashish Sutar, Yubonwan Thanaboot, and Stephane Renaudin under close supervision of Ronello Abila.

This meeting was made possible through the generous financial support of the Government of the People's Republic of China and the Australian Department of Agriculture, Fisheries and Forestry.

## EXECUTIVE SUMMARY

The Fourth African Swine Fever (ASF) Coordination Meeting for South-East Asia, organised by the WOAHS Sub-Regional Representation for South-East Asia (SRR-SEA) in collaboration with Vietnam's Department of Animal Health, was held from 26 to 28 November 2024 in Hanoi, Vietnam. The meeting aimed to strengthen regional collaboration and coordination in ASF prevention and control while advancing the implementation of the ASEAN ASF Prevention and Control Strategy (AAPCS). Participants included representatives from nine ASEAN Member States (Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, The Philippines, Singapore, Thailand and Vietnam), Australia, China, WOAHS, ASF experts, and other partners.

The meeting commenced with an opening by H.E. Mr. Phung Duc Tien, Deputy Minister of Agriculture and Rural Development, Vietnam. A commemorative medal was awarded to Dr. Ronello Abila, WOAHS SRR-SEA, for his contributions to Vietnam's agriculture. Subsequent sessions on Day 1 of the meeting included updates on global and regional ASF initiatives, regional GF-TADs activities, and progress in implementing AAPCS. An Expert provided insights into the ASF situation globally and regionally, setting the stage for discussions.

Country representatives shared ASF situations, prevention measures, and challenges through a poster gallery walk, fostering discussions on common issues and solutions. Organisations including FAO, ACDP, CIRAD, AVSF, and ILRI highlighted their ASF-related activities, including various initiatives to address knowledge gaps and enhance ASF control in targeted South-East Asian countries.

Day 2 of the meeting had a session on advances in ASF vaccine development including draft WOAHS standards on modified ASF live vaccines and experiences from Vietnam and the Philippines on vaccine production, deployment, and efficacy. This was followed by a session on enhancing ASF prevention and control through improved surveillance, biosecurity, and application of compartmentalisation guidelines. The group work sessions were held to review and refine the draft implementation plan for AAPCS outcomes.

Day 3 of the meeting had a brainstorming session to review and agree with the M&E baseline indicators and verification methods for the M&E framework. A panel discussion on AAPCS implementation highlighted strategies for regional and national rollout, monitoring progress, and addressing challenges.

The meeting concluded with the adoption of recommendations, followed by closing remarks from WOAHS and Vietnam's Department of Animal Health representatives.

## MEETING RECOMMENDATIONS

The Fourth African swine fever (ASF) Coordination Meeting for South-East Asia organised by (WOAH) Sub-Regional Representation for South-East Asia (SRR-SEA) in collaboration with Department of Animal Health, Vietnam from 26 to 28 November 2024 in Hanoi, Vietnam, aimed to further strengthen collaboration and coordination of ASF prevention and control in South-east Asia and to enhance implementation of ASEAN ASF Prevention and Control Strategy. The event was attended by 9 ASEAN Member States (AMS), Australia and China, Experts on ASF, representatives from WOA and other Partners.

### Considering

- That 9 out of 10 countries in South-East Asia are affected by African swine fever (ASF), including Cambodia, Lao PDR, Indonesia, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam;
- The substantial impacts of ASF on livelihoods and food security, particularly among smallholders, and its implication for trade;
- The new developments in disease epidemiology at global, regional, and country level, including the circulating recombinant ASFV types;
- The availability of global and regional strategies, such as the Global ASF Control Initiatives, Global and Regional GF-TADs Strategies, WOA international standards on ASF and relevant ASEAN Strategies;
- The endorsement of the ASEAN ASF Prevention and Control Strategy (AAPCS) and Monitoring and evaluation (M&E) framework by ASEAN Bodies including ASWGL, SOM-AMAF and AMAF;
- The numerous interventions made by Members and Partners, including the pilot use of ASF vaccines;
- The importance of timely information sharing and a well-coordinated approach among countries in South-East Asia;
- The challenges faced in the region to effectively prevent and control ASF, and to reiterate that the most effective way is to implement a risk-based biosecurity measures;
- And the importance of regional coordination and collaboration for the effective control of ASF and other TADs.

**The Fourth ASF Coordination Meeting for South-East Asia, held on 26 – 28 November 2024 in Hanoi, Vietnam, made the following recommendations for a better coordination and implementation of ASF prevention and control activities in South-East Asia to:**

#### ➤ **Members**

1. Enhance ASF surveillance, conducting thorough investigation of ASF outbreaks, including sequence analysis, to understand circulating ASFV strains; and conduct scanning surveillance to detect attenuated and circulating vaccine strains in the region;

2. Conduct value chain studies to understand and map the key stakeholders along the ASF risk pathways and identify which are critical points for effective interventions to control ASF spread;
3. Strengthen ASF diagnostic and epidemiological capacities, including Point of care (POC) tests, serology, and molecular diagnosis, through capacity-building programmes, such as training and proficiency testing or inter-laboratory comparison testing by liaising with the ASF Reference Laboratories and Partners;
4. Conduct risk assessments and surveillance for disease freedom, and establish animal disease-free zones and compartments in alignment with country and WOAAH Standards to facilitate safe trade;
5. Promote biosecurity in small holding farms through appropriate interventions, such as community approach to biosecurity interventions (CABI);
6. Develop policy briefs on the importance of investing in prevention and control of ASF and other TADs;
7. Foster public private partnerships to enhance prevention and control of ASF
8. Identify and develop synergies between ASF control and other TADs or other livestock production/health activities;
9. Review and revise legislations to address emerging needs and enhance prevention and control of ASF and other TADs;
10. Provide feedback on the draft WOAAH standards on ASF vaccines before the deadline i.e.27 December 2024;
11. Align national ASF Control Plan with the ASEAN ASF Prevention and Control Strategy (AAPCS) and its implementation plan;
12. Conduct regular monitoring and evaluation of AAPCS in collaboration with AMS and Partners;
13. ASEAN lead countries and WOAAH to develop the Terms of Reference for the ASEAN ASF Core Group to enhance the implementation of AAPCS;
14. Share ASF case definition and National ASF Control Strategy/ Plans;
15. Initiate ASF risk assessment studies and develop or review country level ASF risk-based Strategies;
16. Utilise the AAPCS as a framework for developing and implementing further projects and activities for ASF prevention and control.

#### **WOAH and Partners**

17. Support ASEAN Members States (AMS) in the implementation of the ASEAN ASF Prevention and Control Strategy (AAPCS);
18. Align support on ASF prevention and control in the ASEAN region in line with the AAPCS;
19. Support capacity building initiatives of AMS, including laboratory diagnostics, surveillance, biosecurity and risk assessment;
20. Assess the need for and develop a progressive control pathway for ASF, similar to those established for other TADs with global strategies;

21. Conduct a review of ASF prevention and control strategies implemented in South-East Asia;
22. Assist AMS in adopting WOAHS standards on ASF vaccines, including evaluating vaccine quality and conducting field assessments.

**Endorsement:**

23. Endorsed the implementation plan for ASEAN ASF Prevention and Control Strategy and the baseline for M&E indicators.

**Acknowledgement:**

The meeting thanks the Governments of Australia and China for funding this event and the Department of Animal Health, Government of Vietnam, for its successful hosting of the 4<sup>th</sup> ASF Coordination Meeting for South-East Asia.

## INTRODUCTION

Following the introduction and widespread of ASF in South-East Asia, WOAHA initiated various interventions, including coordination meetings, to facilitate information exchange, share best practices, and enhance collaborative ASF control among countries in South-East Asia. The [First virtual ASF coordination meeting](#) in June 2020 gathered countries from South East Asia, plus PR China, as well as key partners to assess ASF epidemiological situation including the progress on ASF prevention and control. The [Second coordination meeting](#) was held virtually in February 2021 focused on practical application of biosecurity measures at small and semi-commercial farms. It also provided an opportunity for WOAHA Communication Focal Points and participants to discuss strategies for promoting biosecurity practices through effective communication. The [Third virtual coordination meeting](#) held in August 2021, focused on ASF diagnostics. This meeting facilitated the sharing of experiences and challenges in ASF diagnosis, evaluated laboratory capacities, and discussed measures to enhance diagnostic capabilities. Key outcomes included strategies to harmonise diagnostic techniques, coordinate laboratory activities, and strengthen regional ASF control efforts.

Aligned with the recommendations of the 29<sup>th</sup> Meeting of the ASEAN Sectoral Working Group on Livestock (ASWGL), the GF-TADs Strategy 2021–2025, and the Global Initiative to Control ASF, WOAHA supported the development of the ASEAN ASF Prevention and Control Strategy (AAPCS). This strategy received endorsement from key ASEAN bodies, including the ASWGL Meeting in July 2023, the Senior Officers Meeting of the ASEAN Ministers for Agriculture and Forestry (SOM-AMAF) in August 2023, and the 45<sup>th</sup> Meeting of ASEAN Ministers for Agriculture and Forestry in October 2023.

The Fourth African swine fever (ASF) Coordination Meeting for South-East Asia organised by WOAHA Sub-Regional Representation for South-East Asia (SRR-SEA) in collaboration with Department of Animal Health, Vietnam from 26 to 28 November 2024 in Hanoi, Vietnam, aimed to further strengthen collaboration and coordination of ASF prevention and control in South-East Asia and to enhance implementation of ASEAN ASF Prevention and Control Strategy. The event was attended by 9 ASEAN Member States (AMS), Australia and China, Experts on ASF, representatives from WOAHA and other Partners ([Annex 2](#)).

The objective of the meeting were to ([Annex 1](#)):

- Update Members on the global and regional ASF situation, assess ASF risk situation and review the progress of ASF prevention and control in South-East Asia;
- Provide a platform for Members to share current practices, lessons learned, and challenges in ASF prevention and control, while collaboratively exploring solutions to address these challenges.
- Update on the new tools and advances for enhancing ASF prevention and control;
- Discuss and brainstorm to contribute and develop implementation plan for the AAPCS;
- Discuss and brainstorm to contribute and agree on the baseline and targets for the M&E indicators for the AAPCS results framework.



## DAY 1: 26 NOVEMBER 2024

### Session I: Opening and scene setting

The opening session of the meeting was honored by the presence of H.E. Mr. Phung Duc Tien, Deputy Minister of Agriculture and Rural Development, as the Chief Guest. Prior to the meeting, the Department of Animal Health hosted a Commemorative Medal Awarding Ceremony to recognise Dr. Ronello Abila, WOAHS Sub-Regional Representative for South-East Asia, for his significant contributions to Vietnam's agricultural development. The medal was awarded under Decision No. 3742/QD-BNN-TCCB, issued on November 1, 2024, by the Minister of Agriculture and Rural Development.

### Session II: Introduction and scene setting

Session II of the meeting set the stage with an opening presentation by WOAHS SRR-SEA, outlining the meeting's background and objectives. Following the introduction of participants, a series of informative presentations were delivered. These included updates on global initiatives for ASF control, an overview of regional GF-TADs activities with a focus on ASF control, and insights into sub-regional efforts to implement the ASEAN ASF Prevention and Control Strategy. The session concluded with a comprehensive presentation on the global and regional ASF situation.

- [Objectives of the Meeting](#) – Dr Karma Rinzin, WOAHS Sub-Regional Representation for South-East Asia
- [Update on the implementation of global ASF Control Initiatives](#) – Dr Charmaine Chng, WOAHS Science Department.
- [Update on the activities of Regional GF-TADs related to ASF control including SGE for ASF in Asia and the Pacific](#) – Dr Hirofumi Kugita, WOAHS Regional Representation for Asia and the Pacific
- [Sub-regional activities including implementation of ASEAN ASF Strategy](#) - WOAHS Sub-Regional Representation for South-East Asia
- [An overview of the global and regional ASF situation](#) - Dr. Marta Martinez, a WOAHS Consultant, CSIC, Spain

### Session IV: Country Reports - ASF situation and progress of ASF prevention and control

Session IV offered a platform for country representatives to share their respective ASF situations and ASF prevention and control measures implemented by the Members through a poster gallery walk. This interactive session facilitated discussions on common challenges and potential solutions among participants.

- [Highlights of the poster session](#) – Dr Ronello Abila, WOAHS Sub-Regional Representation for South-East Asia
- The country posters presented by the Members can be accessed below:
  - [Cambodia](#) – Dr Peda Pich, General Directorate of Animal Health and Production

- [Indonesia](#) – Dr Sylvia Maharani Ananta, Directorate General of Livestock and Animal Health Services
- [Lao PDR](#) – Dr Ketshana Inthavong, Department of Livestock and Fishery
- [Malaysia](#) – Dr Sarah Abdullah, Department of Veterinary Services
- [Myanmar](#) – Dr Winn Khant, Livestock Breeding and Veterinary Department
- [Philippines](#) – Dr Anthony C. Bucad, Bureau of Animal Industry
- [Singapore](#) – Dr Brian Tan, National Parks Board
- [Thailand](#) – Dr Arisara Choochern, Department of Livestock Development
- [Vietnam](#) – Dr Pham Thanh Long, Department of Animal Health
- [China](#) – Dr Dongming Zhao and Zhigao Bu, Harbin Veterinary Research Institute

### **Sessions III and V – Updates from the Partners**

The sessions explored partner updates on ASF-related activities. Organisations such as FAO, ACDP, CIRAD, AVSF, and ILRI presented their initiatives to address knowledge gaps and enhance ASF control in targeted South-East Asian countries.

- [FAO ASF related activities in Asia Pacific](#) - Sarah Jayme, Emergency Centre for Transboundary Animal Diseases (ECTAD), FAO Regional Office for Asia and the Pacific.
- [Activities of WOAHS Reference Laboratory at Australian Centre for Disease Preparedness \(ACDP\)](#) – Dr David Williams, ACDP
- [Biosecurity in Pig Production to control ASF](#) - Dr Cyril Pietruszewski is the BIG Project Coordinator based in France.
- [Understanding the implementation of animal disease free establishment and zone according to Vietnam’s regulations and WOAHS Standards](#) – Dr Truong Dinh Bao, Dr Thi Thu Ha and Dr Flavie Goutard, CIRAD
- [ASF prevention and control projects in Lao PDR](#) - Dr Véronique Renault, Agronomes et Veterinaires Sans Frontières (AVSF)
- [Updates on activities on ASF at the International Livestock Research Institute \(ILRI\)](#) – Anna Lacasta, Senior Scientist, ILRI

## **Session VI - Advances in development of ASF vaccines**

The session delved into advances in ASF vaccine development. It started with an introductory presentation on the draft WOAHA standards on ASF modified live vaccines. This was followed by presentations from Vietnam and the Philippines, sharing experiences and feedback on vaccine production and use.

- [Updates on the development of WOAHA Standards on ASF modified live vaccines](#) - Dr. Chris Oura, Member of the WOAHA Biological Standards Commission
- [Vietnam's experience on the deployment of ASF vaccines](#) – Dr Duc-Huy Chu, Veterinary Drug and Vaccine Management Division, Department of Animal Health, Vietnam
- [AVAC ASF LIVE vaccine - an effective solution for preventing African swine fever](#) – Dr Nguyen Van Diep, AVAC
- [Philippines experience in deployment of ASF vaccines](#) – Dr Anthony Bucad, Bureau of Animal Industry, The Philippines

## **Session VII: Enhancing ASF prevention and control**

Session VII focused on strengthening ASF prevention and control through enhanced surveillance, biosecurity measures, and compartmentalisation approaches. The session began with an introductory presentation on WOAHA standards and guidelines, highlighting best practices in these areas. This was followed by insightful case studies from countries, where participants shared their experiences with ASF surveillance and reporting, the implementation of compartmentalisation guidelines, and the use of biosecurity measures as a cornerstone for ASF control efforts.

- [WOAHA standards and guidelines on ASF focused on surveillance, biosecurity and compartmentalisation](#) - Dr Bolortuya Purevsuren, WOAHA SRRSEA
- [ASF surveillance and reporting](#) – Dr Anthony Bucad, Bureau of Animal Industry, The Philippines
- [African swine fever situation and swine disease free zones in Vietnam](#) – Dr Pham Thanh Long, Department of Animal Health, Vietnam
- [Implementation of biosecurity as main tool for ASF control](#) – Dr Dongming Zhao and Zhigao Bu, Harbin Veterinary Research Institute, PR China.

## **Session VIII: ASEAN ASF Prevention and Control Strategy – Implementation Plan**

The session commenced with a presentation on Malaysia's ASF risk assessment study and its risk-based control strategy at the national level. This was followed by an introductory presentation on the ASEAN ASF Prevention and Control Strategy (AAPCS). Subsequently, participants were organised into three groups to conduct a critical review and collaboratively refine the draft implementation plan for achieving the three AAPCS outcomes.

- [ASF risk assessment study and development of country level Risk-based ASF Control Strategy](#) – Dr Sara Abdullah, DVS, Malaysia and Dr Marta Martinez, Vet Epi Research, Spain.
- [ASEAN ASF Prevention and Control Strategy](#) - Dr Karma Rinzin, WOAHS SRR-SEA

The finalised implementation plan for AAPCS is presented in [Annex 3](#).

### **Session IX: ASEAN ASF Prevention and Control Strategy – M&E indicators**

The WOAHSRRSEA and ASEAN Lead Countries for ASF introduced the monitoring and evaluation (M&E) framework for AAPCS. This was followed by a brainstorming session to finalise the baseline and verification methods for the M&E logical framework's indicators.

- [Monitoring and evaluation framework for AAPCS](#) – Dr Karma Rinzin, WOAHSRR-SEA

The finalised M&E indicators, its baselines and means of verification for the AAPCS is presented in [Annex 4](#).

### **Session X: Panel discussion - Enhancing ASF prevention through effective implementation of AAPCS**

Session X featured a panel discussion on enhancing ASF prevention and control through the effective implementation of AAPCS. Moderated by Dr. Karma Rinzin of WOAHSRR-SEA, the panel included representatives from Vietnam and Malaysia, as well as FAO and ACDP. Discussions centered on rolling out AAPCS at regional and national levels, monitoring progress, and addressing key challenges. The outcome of the panel discussion is presented in [Annex 5](#).

### **Session XI: Closing Session**

The meeting concluded with the adoption of draft recommendations. This was followed by closing remarks by Dr. Hirofumi Kugita, WOAHSRR Regional Representative for Asia and the Pacific, on behalf of WOAHSRR, and Dr. Nguyen Van Long, Director General, Department of Animal Health, Vietnam, on behalf of the host country.

The finalised AAPCS implementation plan and M&E framework mark significant progress in regional ASF control efforts, fostering a coordinated and sustainable approach to managing this critical threat to the swine industry.

## ANNEXURES

### Annex 1: Meeting Programme

**Day 1: 26 November 2024**

Time	Topics	Speakers/ Responsibility
8.30 – 9.00	Registration of Participants	
<b>Session I</b>	<b>Opening Session</b>	
9.00 – 9.30	Commemorate Medal Awarding Ceremony to Dr Ronello Casio Abila  Opening ceremony of Fourth ASF Coordination Meeting for South-East Asia  Photo session	MC – Dr PT Long and Dr Hoang Phuong  Chief Guest – H.E. Mr. Phung Duc Tien, Deputy Minister, MARD, Vietnam
<b>Session II</b>	<b>Introduction and scene setting</b> <b>Chair: Vietnam</b>	
9.30 – 9.45	Objective of the Workshop Introduction of participants and resource persons	WOAH All participants
9.45 – 10.15	Global, regional and sub-regional ASF activities <ul style="list-style-type: none"> <li>- Update on the implementation of global ASF Control Initiatives</li> <li>- Update on the activities of Regional GF-TADs related to ASF control including SGE for ASF in Asia and the Pacific</li> <li>- Sub-regional activities including implementation of ASEAN ASF Strategy</li> </ul>	WOAH HQ  WOAH RRAP  WOAH SRRSEA
<b>10.15 – 10.45</b>	<b>Coffee break</b>	
<b>Session II</b>	<b>Introduction and scene setting</b>	
10.45 – 11.15	Updates on ASF situation – Global and Regional	WOAH ASF Expert
<b>Session III</b>	<b>Updates from the Partners</b>	
11.15 – 12.00	Activities of WOH ASF Reference Laboratory including WGS of ASFV in Asia	ADCP
12.00 – 12.15	FAO ASF activities	FAORAP
12.15 – 12.30	Q&A session	
<b>12.30 – 13.30</b>	<b>Lunch</b>	
<b>Session IV</b>	<b>Country reports – ASF situation and progress of ASF prevention and control</b>	
13.30 – 15.00	Country Poster session <ul style="list-style-type: none"> <li>- Poster gallery walk</li> <li>- Recap of the Poster session</li> </ul>	Members
<b>15.00 – 15.30</b>	<b>Coffee Break</b>	
<b>Session V</b>	<b>Updates from Partners</b> <b>Chair: Philippines</b>	

15.30 – 17.00	Partners Presentation - BIG project activities - CIRAD ASF activities - AVSF ASF activities - ILRI ASF activities	BIG project CIRAD AVSF ILRI
<b>18.30</b>	<b>Reception dinner hosted by WOA</b>	

### Day 2: 27 November 2024

<b>Time</b>	<b>Topics</b>	<b>Speakers/ Responsibility</b>
8.45 – 9.00	Recap of Day 1	
<b>Session VI</b>	<b>Advances in development of ASF vaccines</b> <b>Chair: Dr Hirofumi Kugita</b>	
9.00 – 9.45	Development of WOAH Guideline/ standards for ASF modified live vaccines	Dr Chris Aura, WOAH Expert
9.45 – 10.30	Feedback from Members using ASF vaccines	Vietnam/ Philippines
<b>10.30 – 11.00</b>	<b>Coffee break</b>	
<b>Session VII</b>	<b>Enhancing ASF prevention and control</b> <b>Chair: Dr Ronello Abila</b>	
11.00 – 11.30	WOAH standards and guidelines on ASF focused on surveillance, biosecurity and compartmentalisation	WOAH
11.30 – 12.10	Case Report - ASF surveillance and reporting - Implementation of compartmentalisation guidelines - Implementation of biosecurity as main tool for ASF control	The Philippines Vietnam China
12.10 – 12.30	Plenary session to enhance ASF prevention and control	All participants
<b>12.30 – 13.30</b>	<b>Lunch</b>	
<b>Session VIII</b>	<b>Introduction to ASEAN ASF Prevention and Strategy and status of its implementation</b>	
13.30 – 14.10	ASF risk assessment study and development of Risk-based ASF Control Strategy for Malaysia	Malaysia/ Expert
14.10 – 14.30	Introduction to ASEAN ASF Prevention and Control Strategy	WOAH / Co-Lead countries
14.30 – 15.00	Introduction to group work	WOAH / Co-Lead countries
<b>15.00 – 15.30</b>	<b>Coffee break</b>	

<b>Session VIII</b>	<b>ASEAN ASF Prevention and Strategy – Implementation Plan</b>	
15.30 – 17.00	Group work to develop Implementation Plan for AAPCS	All participants
	Plenary session - Presentation of implementation Plan	All participants
<b>18.30</b>	<b>Reception dinner hosted by DAH Vietnam</b>	

### Day 3: 28 November 2024

<b>Time</b>	<b>Topics</b>	<b>Speakers/ Responsibility</b>
8.45 – 9.00	Recap of Day 2	
<b>Session IX</b>	<b>ASEAN ASF Prevention and Strategy – M&amp;E Indicators</b>	
9.00 – 9.10	Introductory presentation on M&E framework	WOAH/ Co-Lead countries
9.10 – 10.00	Brainstorming session to discuss the M&E indicator Baseline and targets	All participants
10.00 – 10.30	Plenary session - Present M&E indicator Baseline and Targets	All participants
<b>10.30 – 11.00</b>	<b>Coffee break</b>	
<b>Session X</b>	<b>Panel discussion - Enhancing ASF prevention and control through effective implementation of AAPCS</b>	
11.00 – 11.45	Discussion on - Rolling out of AAPCS at the regional and country level - Discussion on the steps to monitor the progress of the implementation of AAPCS using M&E tools - Key priority actions - Identification/ Mapping of resources for implementation of AAPCS	Moderated by WOH and ASEAN Co-lead countries for ASF (Philippines and Vietnam)
<b>Session XI</b>	<b>Closing Session</b>	
11.45 – 12.10	Conclusion and recommendations	WOAH/ Co-Lead countries
12.10 – 12.30	Closing of the meeting - Closing remarks by WOH - Closing remarks by host country	WOAH Representative Vietnam Representative
<b>12.30</b>	<b>Meeting ends and Lunch</b>	



## **Annex 2: List of Participants**

### **CAMBODIA**

**Peda Pich**

*Deputy Director, National Animal Health and  
Production Research Institute*  
General Directorate of Animal Health and  
Production  
Phnom Penh, Cambodia

### **INDONESIA**

**Sylvia Maharani ANANTA**

*Senior of Veterinary Officer*  
Ministry of Agriculture  
Jakarta, Indonesia

### **LAO PDR**

**Kethsana INTHAVONG**

*Veterinary officer*  
Department of Livestock and Fisheries  
Ministry of Agriculture and Forestry  
Vientiane, Lao PDR

### **MALAYSIA**

**Sarah DADANG**

*Senior Veterinary Officer*  
Department of Veterinary Services Malaysia  
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### **MYANMAR**

**Winn KHAT**

*Research Officer*  
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Ministry of Agriculture, Livestock and Irrigation  
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### **PHILIPPINES**

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### **SINGAPORE**

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**Rachael YEAK**

*Veterinarian*  
National Parks Board  
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### **THAILAND**

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*Veterinary officer*  
Department of livestock and Development  
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### **VIETNAM**

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Regional Animal Health Office No.6 – DAH  
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**Dang NGUYEN HONG**

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Regional Animal Health Office No.2  
Hai Phong, Vietnam

**Thang NGUYEN**

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**Thi Thu Ha LE**

*Researcher*  
CIRAD  
Hanoi, Vietnam

**Thi Dung LE**

*National Surveillance Coordinator*  
FAO ECTAD  
Viet Nam

**Long PHAM**

*Veterinary Officer*  
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Hanoi, Vietnam

**Thi Le Phuong HOANG**

*Deputy Head of Administration Division*  
Department of Animal Health  
Hanoi, Vietnam

**Diep NGUYEN VAN**

*CEO*  
Avac Vietnam Jsc  
Vietnam

**Lộc NGUYỄN**

*Area Technical Sales Manager*  
De Heus  
Vietnam

**Dũng NGUYỄN VĂN**

*Technical pigs*  
De Heus company  
Vietnam

**Hữu HOÀNG VĂN**

*Technical pigs*  
De Heus company  
Vietnam

**Hạnh TRẦN XUÂN**

*Vice General Director*  
National Veterinary Joint Stock Company  
(NAVETCO)  
Vietnam

**Bao TRUONG**

*Lecturer – Researcher*  
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### Annex 3: Implementation Plan for ASEAN ASF Prevention and Control Strategy

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
<b>Goal</b>	<b>To achieve regional control of ASF that will result in a reduction of the adverse impact of ASF on the pig sector and wild suid populations in Southeast Asia</b>											
<b>Outcome 1</b>	<b>Regional coordination and cooperation for more effective prevention and control of ASF is improved</b>											
<b>Output 1.1</b>	<b>Set up ASEAN ASF Governance structure</b>											
Activity 1.1.1	Review and revise the TOR for ASEAN ASF core group and submit it to ACCAHZ/ ASWGL/AMAF	Meeting	ACCAHZ/ ASEC/ AMS/ Partners	FAO, WOAAH	x		X					Develop TOR
Activity 1.1.2	Designation of ASEAN ASF Reference Laboratory	Meeting recommendations	ASWGL	AMS, WOAAH, FAO	x							Vietnam designated
Activity 1.1.3	Designation of ASEAN Co-lead countries for ASF	Meeting recommendations	ASWGL	AMS, WOAAH, FAO	x							Philippines and Vietnam
Activity 1.1.4	Participate in the Meeting of Standing Group of Experts for Asia and the Pacific	Meeting	WOAH/FAO	AMS	x	x	x	x	x	x	WOAH/FAO	
<b>Output 1.2</b>	<b>Harmonize Regional Coordination Mechanism in line with GF-TADs and other relevant frameworks</b>											
Activity 1.2.1	Conduct ASWGL/ ACCAHZ meeting back to back with Sub-Regional GF-TADs Meeting	Meeting	ASEC, ACCAHZ, WOAAH, FAO			x	x	x	x	x		
Activity 1.2.2	Participate in annual Standing Group of Experts on ASF for Asia and the Pacific	Meeting	WOAH, FAO	AMS, ASEAN	x	x	x	x	x	x		
Activity 1.2.3	Engage and support SGE recommended activities	Based on the meeting recommendations	ASEAN, AMS	WOAH, FAO	x	x	x	x	x	x		

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
Activity 1.2.4	Explore the need to develop Progressive Control Pathway for ASF similar to other TADs if required	Meeting/ Consultancy	WOAH, ASEAN	FAO			x	x				
<b>Output 1.3</b>	<b>Establish mechanisms to facilitate immediate notification, reporting and dissemination of disease information</b>											
Activity 1.3.1	Propose inclusion of ASF in the ASEAN priority disease including the ARAHIS disease list	Meeting recommendations	Lead country			x						not limited to domestic pigs
Activity 1.3.2	Share ASF outbreak case definition of AMS	Report	AMS			x						
Activity 1.3.3	Notify ASF outbreaks via WAHIS	Reporting			x	x	x	x	x	x		
Activity 1.3.4	Develop ASEAN ASF dash board	Information dissemination	WOAH/ Singapore/ Indonesia	AMS								
Activity 1.3.5	Training Centre for ASF (Risk Analysis, Outbreak Investigations, Vaccine guidelines, Surveillance, etc.)	Training and Training Materials	AMS, ASEAN	WOAH, FAO			x	x	x			Proposed location to be confirmed (Thailand/Vietnam?)
<b>Outcome 2</b>	<b>Capability of countries to prevent and control ASF is enhanced</b>											
<b>Output 2.1:</b>	<b>Systematic evaluation of the capability of Veterinary Services, in particular to control ASF</b>											
Activity 2.1.1	PVS missions including targeted support to the Members	Missions	AMS	WOAH	x	x	x	x	x	x		
Activity 2.1.2	Conduct PVS evaluation with ASF specific content	Missions	AMS	WOAH	x	x	x	x	x	x		
Activity 2.1.3	Conduct work force assessment	Workshop	WOAH	AMS	x	x	x	x	x	x		
<b>Output 2.2</b>	<b>Provision of technical guidelines and resources for ASF prevention and control including facilitation of safer trade.</b>											

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
Activity 2.2.1	Share available tools and resources to AMS by WOAAH, FAO and other Partners	Sharing of available resources	FAO, WOAAH, Partners	AMS, ASEC, ACCAHZ	x	x	x	x	x	x		
Activity 2.2.2	Develop guidelines for ASEAN community ASF biosecurity interventions (CABI)	Meeting	AMS, FAO	AMS, FAO, ACCAHZ, Partners	x	x	x					AMS may adapt available resources and pilot it in some AMS
Activity 2.2.3	Implement the guidelines on CABI	Training, implementation of farm biosecurity improvement	AMS, FAO	AMS, FAO, ACCAHZ, Partners								
Activity 2.2.4	Share the best practices and lessons learnt from the community ASF biosecurity interventions which is currently piloted in some AMS	Meeting and communication platforms	AMS	Partners								
<b>Output 2.3</b>	<b>Output 2.3: Capacity building programmes to prevent and control spread of ASF and priority TADs.</b>											
Activity 2.3.1	Develop capacity of laboratories in AMS to diagnose ASF with molecular diagnostic techniques, including new tests and harmonised SOPs	Capacity building/ Training	AMS, ASEAN ref lab, WOAAH	FAO, ACDP, CAHEC		x	x	x	x	x		Could be combined with FAO ASF LabTAG meeting.
Activity 2.3.2	National Laboratory Certification for ASEAN Reference lab and National Reference lab as a Proficiency Test provider (ISO 17043)	Capacity building/ Training	AMS	ACDP			x	x				
Activity 2.3.3	Conduct inter-laboratory proficiency testing by the National ASF Laboratory with WOAAH Reference Laboratory (molecular and serology)	Capacity building/ PT	AMS, FAO, WOAAH Ref Lab	FAO, Partners	x	x	x	x	x	x		



Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
Activity 2.3.4	Conduct in-country PT by the National Reference Laboratory with the sub-national laboratories	Capacity building/ PT	AMS	Partners		x	x	x	x	x		
Activity 2.3.5	Develop the capacity of AMS on ASF surveillance and outbreak investigation	Capacity building/ Training	AMS	Partners		x	x	x				
Activity 2.3.6	Conduct in-country SimEx/TTX on ASF management for animal health officials	Capacity building/ Training	AMS, FAO		x	x						FAO conducted SimEx in Cambodia, Philippines and Thailand
Activity 2.3.7	Conduct in-country training on ASF detection and response for animal health officials	Capacity building/ Training	AMS, FAO		x	x						FAO conducted trainings in Lao PDR, Indonesia, Philippines and Cambodia
Activity 2.3.8	Conduct in-country training on biosecurity for animal staff and farmers	Capacity building/ Training	AMS, FAO		x	x						FAO conducted farmers trainings in Lao PDR, Indonesia, Philippines (plan in Thailand, Cambodia)
Activity 2.3.9	Conduct training on Risk Communication and Community Engagement (RCCE) on ASF management for officials	Capacity building/ Training	AMS, FAO				x	x				
Activity 2.3.10	Whole genome sequencing and bioinformatics capacity building for AMS where needed, harmonised bioinformatics analyses,	Capacity building/ Training	AMS, ASEAN ref lab, WOAHA	ACDP, Partners		x	x	x	x	x		ASFV sequence data sharing may be formalised through the

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
	including data sharing agreement among AMS, to support surveillance											signing of an agreement between AMS
Activity 2.3.11	Training for wildlife interface surveillance	Capacity building/ Training	AVS, WCS	AMS, partners	x	x	x	x			FAO/ WOH	
Activity 2.3.12	Capacity building for risk assessment and risk analysis	Capacity building/ Training	WOAH, FAO	AMS, partners			x	x			WOAH/ FAO	
<b>Output 2.4</b>	<b>Strengthen legislation and policy on prevention and control of ASF and other TADs</b>											
Activity 2.4.1	Bench mark available policies and legislations related to prevention and control of ASF and other pig diseases	Surveys/ studies	AMS	ASEC, ACCAHZ, Partners		x	x					
Activity 2.4.2	Develop policies and legislations related to prevention and control of ASF and TADs	Policy development	AMS	ASEC, ACCAHZ, Partners, FAO		x	x	x				FAO supported development of ASF contingency plan for Cambodia and Lao PDR
Activity 2.4.3	Review and revise policies and legislations related to ASF and TADs prevention and control	Development of policy brief	AMS	ASEC, ACCAHZ, Partners, FAO		x	x	x	x			FAO supported revision of ASF contingency plan for Cambodia and Lao PDR to include wildlife
Activity 2.4.4	Review ASF prevention and control strategy in South-East Asia	Consultancy	WOAH/ Expert	AMS, Partners		x	x				WOAH	
<b>Outcome 3</b>	<b>Multisectoral and multi-disciplinary partnership to ensure sustainable ASF prevention and control is enhanced</b>											

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
<b>Output 3.1</b>	<b>Strengthen engagement and coordination with relevant stakeholders, including private sector</b>											
Activity 3.1.1	Conduct stakeholder mapping at national and regional level	Surveys/ Workshop	AMS, Partners	CIRAD, FAO, LBVD			x	x				Each country has national stakeholder's mapping, suggested to conduct at the regional level
Activity 3.1.2	Profile the lists of pork related items that are traded online	Surveys/ consultaions	AMS, Partners				x	x				identify info resource /link /prioritise risk product
Activity 3.1.3	Conduct meetings/ workshop between public and private sectors (Public-private partnership)	Meeting/ Workshop	AMS, Partners	FAO/CIRAD/L abs /Research institute		x	x	x	x	x		FAO conducted workshop to launch information exchange platform
Activity 3.1.4	Strengthen coordination/cooperation between animal health, wildlife and environment (at national/regional level)	Meeting	AMS, Partners	FAO, WOA, IUCN		x	x	x	x	x		FAO supported coordination meeting for Philippines, Lao PDR, Cambodia, Indonesia
Activity 3.1.5	Investigate best practices in the region, seek harmonise protocols or standards as example (CP and biosecurity)	Desktop study/WS	AMS, Partners				x	x				
<b>Output 3.2</b>	<b>Apply Multisectoral and Multidisciplinary partnerships to control ASF (and other priority TADs)</b>											
Activity 3.2.1	Identify and implement activities that are in synergy with other priority TADs and swine diseases (ASF, FMD,LSD+ CSF and other swine diseases activities)	Field activities	AMS, Partners			x	x	x	x	x		FAO's work on CABI has engaged other relevant priority TADs

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
												WOAH trainings and workshop
Activity 3.2.2	Conduct meetings and workshops to enhance ASF prevention and control at the national and regional level to promote multisectoral and interdisciplinary partnerships	Meeting/ Workshop	AMS, Partners,	Wildlife conservation, National parks		x	x	x	x	x		
Activity 3.2.3	Conduct communication activities to sensitize all the key stakeholders on ASF prevention and control	Communication activities	AMS, Partners			x	x	x	x	x		
Activity 3.2.4	Conduct joint research/ studies to understand ASF risks along the pig value chains and socio-economic impact of ASF	Research/ studies	AMS, Partners		x	x	x	x	x	x		Lack of data, some country conduct retrospective study FAO support (OUpcost Tool, partial culling)
Activity 3.2.5	Develop ASEAN ASF communication strategy		AMS	FAO		x	x					FAO supported development of ASF national communication strategy for the Philippines
Activity 3.2.6	Develop ASF risk communication materials				x	x	x	x	x	x		FAO/WOAH developed communication materials on ASF including wild pigs and

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
												smallholders ,make more infographics
Activity 3.2.7	Conduct ASF communication survey research						x	x				eg. KAP survey or community meetings, FGD
Activity 3.2.8	Conduct Commnication for Regional ASF Control Campaigns	Campaigns activities	AMS/Partners			x	x	x	x	x		
Activity 3.2.9	Research and develop universal disinfectant use for all TADs (enviromental consideration)	Research Institute					x	x				
Activity 3.2.10	Train on communication strategy, share best practices							x	x			
<b>Output 3.3</b>	<b>Promote sustainable funding mechanism for ASF prevention and control</b>											
Activity 3.3.1	Prepare policy briefs highlighting the impact of ASF and benefit of its control to the country's economy and livelihood of stakeholders.	Policy brief	AMS, Partners			x	x					
Activity 3.3.2	Organize advocacy activities for the Policy Makers, high-level decision makers and Partners to allocate resources for ASF prevention and control	Advocacy	AMS, Partners				x	x				
Activity 3.3.3	Map existing projects and resources available for enhancing ASF prevention and	survey/ workshop	AMS, Partners			x	x					

Activities number	Activities	Activity type	Implementer	Collaborator	2023	2024	2025	2026	2027	2028	Fund source	Remarks
	control at the country and regional level											
Activity 3.3.4	Collaboration with journalist and messaging in social media (influencer)						x	x	x	x		

### Annex 4: M&E framework with baseline indicators for the ASEAN ASF Prevention and Control Strategy

Results	Success Indicators	Questions - Indicators	Baseline in 2023/2024	Source of information
<b>Goal:</b> To achieve regional control of ASF that will result in a reduction of the adverse impact of ASF on the pig sector and wild suid populations in Southeast Asia	1. Number of AMS affected by ASF	Baseline available	9 AMS affected since 2019 (except Brunei) 7 AMS had ASF outbreaks in 2023 (except Cambodia and Laos) 4 AMS reported ASF in wild pigs (Indonesia, Myanmar, Malaysia and Singapore)	WAHIS
	2. Number of new ASF outbreaks within affected AMS (segregated by domestic pigs and wild pigs)	How many outbreaks were reported in domestic pigs in 2023?  How many outbreaks were reported in wild suid population in 2023?	Indonesia: domestic - 24,732 cases, wild - 3 cases Myanmar: Domestic - 1 OB, wild - 1 OB Malaysia: Domestic - 22; Wild - 4 OB Singapore: Domestic - 1 OB, Wild -1 OB Vietnam: Domestic - 862, Wild - 0 Thailand: Domestic - 114 OB, Wild - 0 Philippines: Domestic - 1995 facilities and farms; Wild - ?	Survey questionnaire WAHIS Report
	3. Number of AMS that implement compartmentalisation	Do you currently implement zoning and complementation for ASF control?	4 AMS (Indonesia, Malaysia, Vietnam & Philippines)	Survey questionnaire
<b>Outcome 1:</b> Regional coordination and cooperation for more effective prevention and control of ASF is improved	1.1 Functional and operational ASF prevention and control Governance structure in the ASEAN region in place	Coordinating body - ASWGL/ ACCAHZ, ASEAN Lead Countries and ASEAN ASF Reference Lab	Philippines and Vietnam designated as ASEAN Co-Lead countries for ASF by 31st ASWGL Proposal to submit TOR for the ASEAN ASF Core Group	ACCAHZ, ASEC
<b>Output 1.1</b> – Set up ASEAN ASF Governance structure	1.1.2: Designated ASEAN ASF Reference Laboratory	Vietnam already designated as ASEAN ASF Ref Lab	Vietnam designated as ASEAN ASF Reference Laboratory by 31st ASWGL Meeting	ASWGL Meeting report

Results	Succes Indicators	Questions - Indicators	Baseline in 2023/2024	Source of information
	1.1.3: Number of ASF related initiatives to strengthen existing ASEAN regional networks (ALDF, AVEG etc).	for WOA, FAO, ASEC?	WOAH and FAO organised activities	WOAH and Partners report
<b>Output 1.2</b> – Harmonize Regional Coordination Mechanism in line with GF-TADs and other relevant frameworks	1.2.1: Sub-Regional GF-TADs Meeting and other events organized for ASF prevention and control in South-East Asia	WOAH, FAO and Partners	Progress of Regional GF-TADs and Sub-Regional GF-TADs initiatives presented during the 31st and 32nd ASWGL Meeting	Partners
	1.2.2: Number of AMS participating in SGE for ASF for the Asia-Pacific region	Have your country participated in the ASF Standing group of Expert meeting organized in Qiangdao, PR China in July 2023?  Have your country participated in the ASF Standing group of Expert meeting organized in Manila, The Philippines in June 2024?	7 AMS attended 8th SGE Meeting in 2023 (Indonesia & Vietnam did not attend) 9 AMS attended SGE Meeting in 2024	Survey questionnaire Meeting report
	1.3.1: Average time for immediate notification of ASF, six-monthly and annual reports of disease situation by AMS (WAHIS)	WAHIAD?	To be determined by WOA	To be obtained from WAHIAD WAHIS Report
<b>Outcome: 2:</b> Capability of countries to prevent and control ASF is enhanced	2.1: Number of countries with ASF prevention and control plan endorsed by the relevant Ministry	Does your country have a National ASF Prevention and Control Plan?  Have your National ASF Prevention and Control Plan endorsed by the Ministries/Government?	8 AMS (except Indonesia and Brunei) have National ASF Prevention and Control Plan 6 out of 8 AMS had their planned endorsed by the Ministries and Government (except Cambodia and Laos)	Survey questionnaire and Meeting



Results	Succes Indicators	Questions - Indicators	Baseline in 2023/2024	Source of information
	2.2: Functional and operation ASF Governance structure in place at the country level	Do you have a Task force or National Committee In-charge of over seeing ASF control in your country?  How regularly this task force meet?	5 AMS have Taskforce or National Committee (Cambodia, Myanmar, Phillippines, Thailand and Vietnam)	Survey questionnaire
<b>Output 2.1:</b> Systematic evaluation of the capability of Veterinary Services, in particular to control ASF	2.1.1: Number of evaluations completed (in-country specific missions on ASF, PVS missions, performance of veterinary services, surveillance system, laboratory capacity, emergency preparedness and response capacity, gaps in legislation etc)	Have your Country carried out PVS self evaluation or external follow-up evaluation?	PVS Follow-up Mission - 4 (Indonesia, Cambodia, Thailand, Vietnam) PVS Follow-up with ASF specific content - 1 (Philipinnes) PVS self evaluation - 1 (Malaysia) Others - 3 (Myanmar, Singapore and Laos)	Survey questionnaire
	2.1.2: Number of AMS that agree to undertake PVS mission with ASF specific content	Have your country carried out/ requested for PVS follow-up evaluation with ASF-specific content?	2 (Philippines completed and Vietnam requested for 2025)	Survey questionnaire
<b>Output 2.2:</b> Provision of technical guidelines and resources for ASF prevention and control including facilitation of safer trade.	2.2.1: Number of tools and guidelines to enhance ASF prevention and control developed and made available to AMS	WOAH and Partners	Refer Annex 4 of the AAPCS	WOAH and Partners
	2.2.2: Number of tools and guidelines to enhance ASF prevention and control adopted/used by the AMS	Have your country adopted/ used any tools and guidelines to enhance ASF prevention and control? If yes, lists tools and guidelines	9 AMS used tools to enhance their ASF prevention and control	Survey questionnaire

Results	Succes Indicators	Questions - Indicators	Baseline in 2023/2024	Source of information
<b>Output 2.3:</b> Capacity building programmes to prevent and control spread of ASF and priority TADs.	2.3.1: Number of regional training activities conducted by WOH, FAO and other Partners on ASF prevention and control	WOH and Partners	FAO and WOH conducted number of trainings and capacity building programmes	WOH and Partners
	2.3.2: Number of people trained during the regional trainings	WOH and Partners	FAO and WOH conducted number of trainings and capacity building programmes	WOH and Partners
	2.3.3: Number of in-country training activities conducted on ASF prevention and control by AMS	Have you conducted training activities on prevention of control of ASF and TADs in 2023?  If yes, how many training activities on prevention and control of ASF and TADs were conducted in 2023 in your country? List training activities with funding source?	9 AMS conducted training on prevention and control of ASF and TADs	Survey questionnaire
	2.3.4: Number of people trained during the in-country trainings	How many people were trained on the prevention and control of ASF and TADs in 2023 in your country?	?	Survey questionnaire
	2.3.5: Number of laboratories in AMS that can confirm ASF with molecular diagnostic techniques	Does your country have capacity to diagnose ASF using molecular techniques? If yes, How many laboratories in your country can confirm ASF with molecular diagnostic techniques?	9 AMS have capacity to diagnose ASF using molecular technology	Survey questionnaire

Results	Succes Indicators	Questions - Indicators	Baseline in 2023/2024	Source of information
	2.3.6: Number of countries participating in inter-laboratory proficiency testing.	<p>Have your countries participated in interlaboratory proficiency testing with WOAHA Reference Laboratory or other international laboratory? If yes, please indicate the name of the parent laboratory.</p> <p>Have your national ASF laboratory conducted interlaboratory proficiency testing for the sub-national laboratories in your country? If yes, please indicate the number of sub-national laboratories?</p>	<p>8 AMS participated in inter-laboratory PT with WOAHA Ref Lab. (except Cambodia)</p> <p>2 AMS (Thailand and Vietnam conducted inter-laboratory PT for the sub-national labs in their respective countries)</p>	Survey questionnaire
<b>Output 2.4:</b> Strengthen legislation and policy on prevention and control of ASF and other TADs	2.4.1: Number of countries who developed policies and legislations related to ASF	Have your country developed any policies and legislations related to ASF and other related TADs?	9 AMS developed / have policies and legislations related to ASF and TADs control	Survey questionnaire
	2.4.2: Number of countries whose National legislation related to ASF (and other related TADs and swine diseases) have been reviewed, revised and enforced	Have your country reviewed, revised and enforced any policies and legislations related to ASF and other related TADs?	?	Survey questionnaire
<b>Outcome 3:</b> Multisectoral and multi-disciplinary partnership to ensure sustainable ASF prevention and control is enhanced	3. Level of collaboration/ partnerships with the private sector for prevention and control of ASF	Level of collaboration/ partnerships with the private sector for prevention and control of ASF?		Survey questionnaire

Results	Succes Indicators	Questions - Indicators	Baseline in 2023/2024	Source of information
<b>Output 3.1:</b> Strengthen engagement and coordination with relevant stakeholders, including private sector	3.1.1 Number of AMS that have performed stakeholder mapping	Have your country performed stakeholder mapping for the prevention and control and ASF and other related TADs?	5 AMS performed stakeholder mapping for ASF TADs control (Indonesia, Myanmar, Singapore, Thailand and Cambodia)	Survey questionnaire
<b>Output 3.2:</b> Apply Multisectoral and Multidisciplinary partnerships to control ASF (and other priority TADs)	3.2.1: Number of ASF activities/partnerships co-organized with the public and private sectors.	How many ASF activities were co-organized with the private sector in 2023?	7 AMS co-organized ASF activities with private sector (except Cambodia and Laos)	Survey questionnaire
	3.2.2: Number of activities identified and implemented that are in synergy (ASF and other TADs activities)	Number of activities identified and implemented that are in synergy (ASF and other TADs activities) in 2023?	4 AMS identified and implemented activities that are in synergy with other TADs control (Malaysia, Vietnam, Thailand, Indonesia)	Survey questionnaire
<b>Output 3.3:</b> Promote sustainable funding mechanism for ASF prevention and control	3.3.1: Number of projects that support prevention and control of ASF and TADs with identified fund source	Lists existing projects supporting prevention and control of ASF and TADs in your country with identified fund source?	Yes - 7 AMS have some projects supporting ASF and TADs control (except Indonesia and Myanmar)	Survey questionnaire, workshop discussions, face to face discussion
	3.3.2: Number/ Proportion of ASF activities with committed funding	What proportion of the identified ASF activities have committed funding?	?	Survey questionnaire

## **Annex 5: Outcome of the Panel Discussion to enhance ASF control through effective implementation of ASEAN ASF Prevention and Control Strategy**

The panel discussion focused on rollout of the AAPCS at the regional and country level, the steps to monitor the progress of the implementation of AAPCS using M&E tools and identification of resources to support its implementation. The panel session was moderated by DR Karma Rinzin, WOAHSRRSEA.

The Panellists were:

- Dr Nguyen Van Diep, Head of Epidemiology Section, DAH, Vietnam (ASEAN ASF Co-Lead Country);
- Dr Sarah Dadang, National ASF Coordinator, Department of Veterinary Services, Vietnam
- Dr David Williams, WOAHS ASF Expert, Australian Centre for Disease Preparedness
- Dr Sarah Jayme, Animal Health Specialist, FAO-RAP

The moderator initiated the discussion by asking Panelists how they could contribute to implementing the ASEAN ASF Prevention and Control Strategy at the regional and country level. The responses emphasized the importance of collaboration, sharing experiences, improving communication channels for timely information dissemination, and mobilization of resources. Key points from the discussion included:

### **AMS role in Supporting Strategy Implementation**

- **Country-Level Implementation**
  - Countries must translate the strategy into actionable plans at the national level.
  - Advocacy to convince policymakers of the importance of supporting strategy implementation.
  - Sharing lessons learned and best practices for ASF prevention and control.
  - Sharing of ASF situation including the ASFV genetic data
  - Improving wildlife surveillance, especially in areas with vulnerable populations
  - Countries emphasized the need for specific, actionable guidelines tailored to national contexts.
- **Challenges in Implementation**
  - Limited funding and budgets.
  - Private sector commitment to support government initiatives.
  - Challenges in animal movement control and enforcement of veterinary laws.
  - Concerns about managing ASF risks through cross-border transportation of livestock were raised.
  - Small-scale farms with low biosecurity practices pose significant risks.

## Partners role in Supporting Strategy Implementation

- **Alignment and Collaboration**
  - Align existing Partner's activities with the strategy by working closely with AMS.
  - Contribute to development of new global ASF control initiatives.
  - Adopt a risk-based, multidimensional approach to ASF control.
  - Use the strategy to explore and implement new regional and national projects.
  - Develop tools to enhance ASF control, including surveillance and laboratory diagnostics.
  - WOAHA Reference Laboratories for ASF to:
    - Focus on sequencing, vaccine quality testing, and capacity building in molecular and serology techniques.
    - Proficiency testing (PT) for swine diseases, including ASF.
    - Quality assurance and laboratory network meetings to strengthen regional collaboration.
- **Enhancing M&E for the Strategy**
  - Collaborate with FAO/ WOAHA M&E experts for comprehensive monitoring and evaluation.
  - Use SWOT analysis to track progress, identify challenges, and set future directions.
  - Finalise M&E indicators baseline and targets at the regional and country level.
  - Quality assurance and laboratory network meetings to strengthen regional collaboration.
- **Addressing Challenges**
  - Exploring the possible project support to the Members ASF and TADs control initiatives
  - Harmonizing laboratory diagnostic practices.
  - Ensuring resources for proficiency testing and quality assurance.
  - Enhancing data sharing, wildlife surveillance, and whole-genome sequencing.

## Conclusion

The session underscored the vital importance of collaboration among countries, stakeholders, and organizations such as WOAHA, FAO, and other partners to tackle challenges and ensure the successful implementation of the strategy. The discussions highlighted the need for coordinated efforts, policy harmonization, and the adoption of innovative approaches to address the evolving complexities of ASF control. Moving forward, efforts will prioritize optimizing resource utilization, strengthening biosecurity measures, and enhancing capacity-building initiatives to manage ASF effectively and sustainably.