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# FAO FMD Activities in the South East Asia

24th SEACFMD National Coordinators Meeting

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# FMD and safe cattle trade (FAO-China SSC)

## Evidence-based, safer cattle trade

Assess existing capacities  
(cattle production, quarantine and movement management)



Risk analysis and socio-economic study of different risk management options



Implementing the risk management pilot project following the agreed protocol

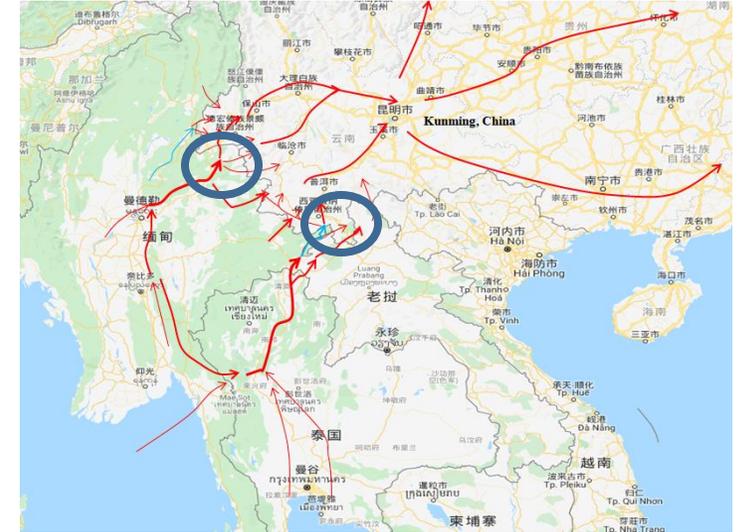
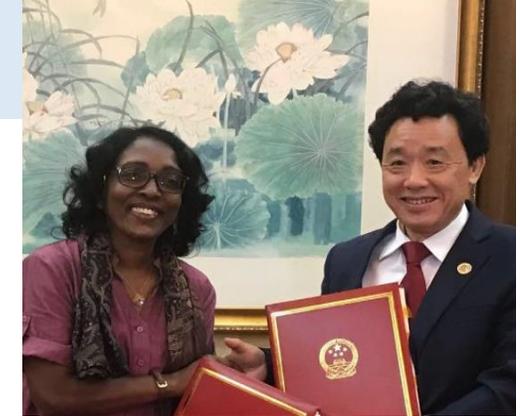
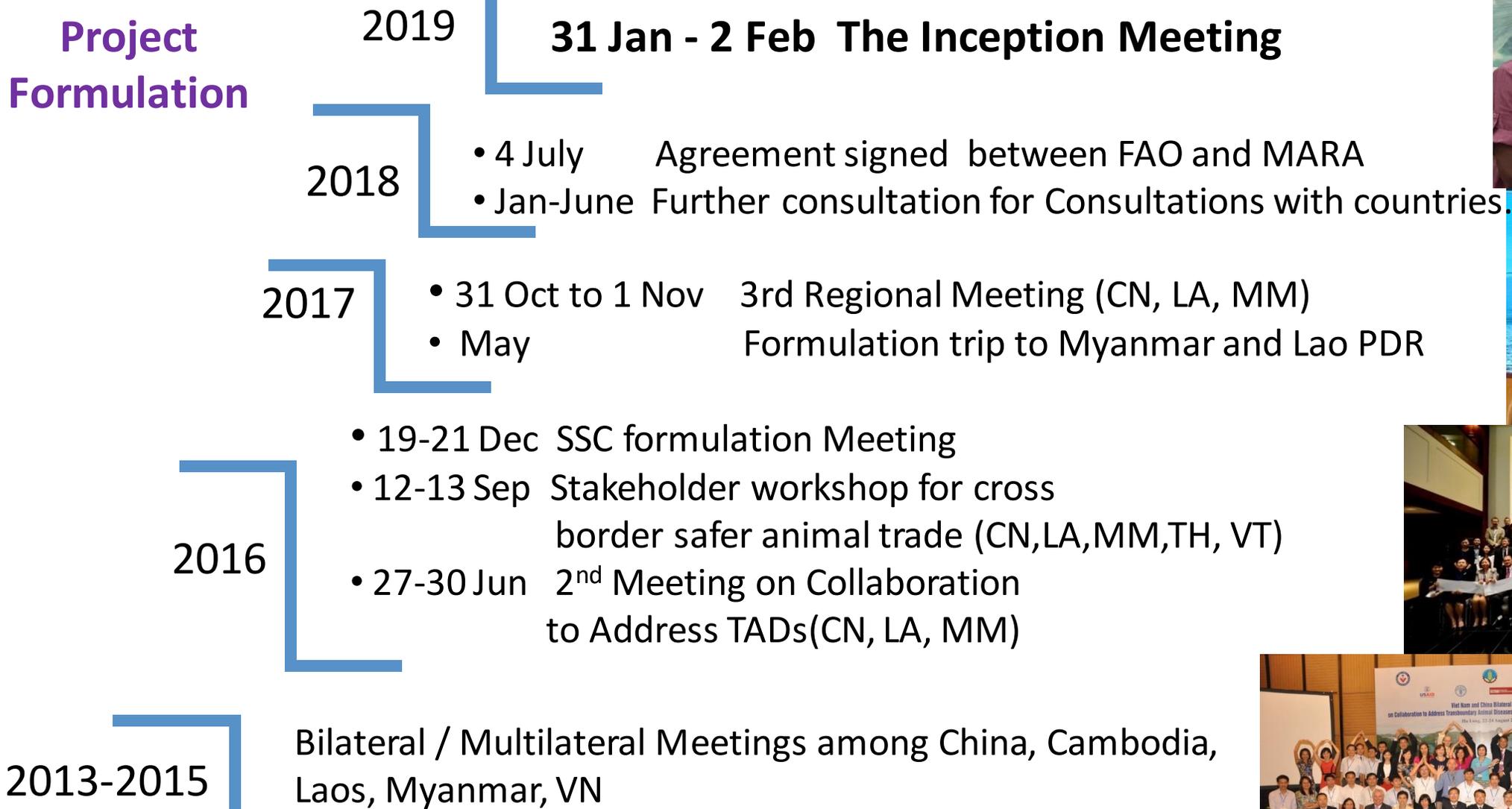


Photo source: YASVI 2020

# FMD and safe cattle trade (FAO-China SSC )

## Project Formulation





## FMD and safe cattle trade (FAO-China SSC )

### EXPECTED RESULTS

#### **Impact:**

The risk of introduction and the impacts of TADs in GMS will be reduced, improving livelihoods, food and nutrition security and promoting trade within the region.

#### **Outcome:**

Facilitate the development and implementation of improved mechanisms and capacity to manage animal movement along the borders, leading to safer trade and reducing the risk of disease introduction and the potential loss due to disease spread.



## FMD and safe cattle trade (FAO-China SSC )

### Output 2

Animal disease risk  
management improved  
along the cross-border value  
chains.

#### Activities

1. Identify a cattle value chain in both Laos and Myanmar respectively for conducting a cross-border FMD risk management pilot project.
2. Assess the existing capacities for cattle production, quarantine and movement management to be applied on the selected value chains and facilitate the discussion among stakeholders (authorities, traders, OIE, farmers, etc.) to agree on the animal movement protocol to reduce the risk of FMD.
3. In coordination with other partners including OIE, conduct risk analysis and a field socio-economic study to estimate the costs and benefits of different risk management options for the selected value chain and develop a framework with recommendations for the risk management pilot project promoting possible future safer trade.
4. Start implementing the risk management pilot project following the agreed animal movement protocol.
5. Conduct an impact assessment for decision making to scale up or continue the pilot project as needed.



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## FMD and safe cattle trade (FAO-China SSC )

# Project inception

The Inception Meeting of the  
FAO-China South-South  
Cooperation Project on  
Transboundary Animal  
Disease Control in the  
Greater Mekong Sub-Region

31 Jan to 2 Feb 2019, Bangkok





## FMD and safe cattle trade (FAO-China SSC )

# Project coordination

### The 1st Annual Coordination Meeting of the Project Steering Committee

10 - 12 December 2019

Kunming, PR China

### The 2nd Annual Coordination Meeting of the Project Steering Committee

30-31 March 2021; 2 April 2021

Virtual





## FMD and safe cattle trade (FAO-China SSC )

### FAO's support to understand the value chains

#### Regional workshop on livestock movements and value chains

Bangkok, 1-2 April 2019

Participants from 7 countries: Cambodia, China (CAHEC, Guangxi and Yunnan), Indonesia, Lao PDR, Myanmar, Thailand, Viet Nam

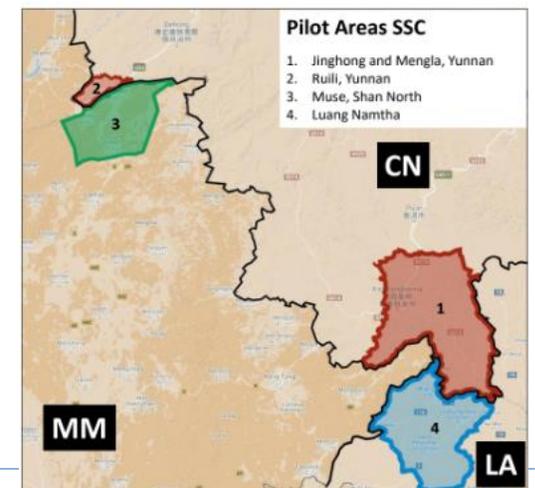


## FMD and safe cattle trade (FAO-China SSC )

### Risk analysis and socio-economic study (LA-CN, MM-CN)

- Market forces influencing cattle trade
- Sustainable cattle production and trade
- Analysis of signed trade protocols
- Cost and capacity required to operationalize trade protocols
- Cost-effectiveness analysis of cattle trade protocols

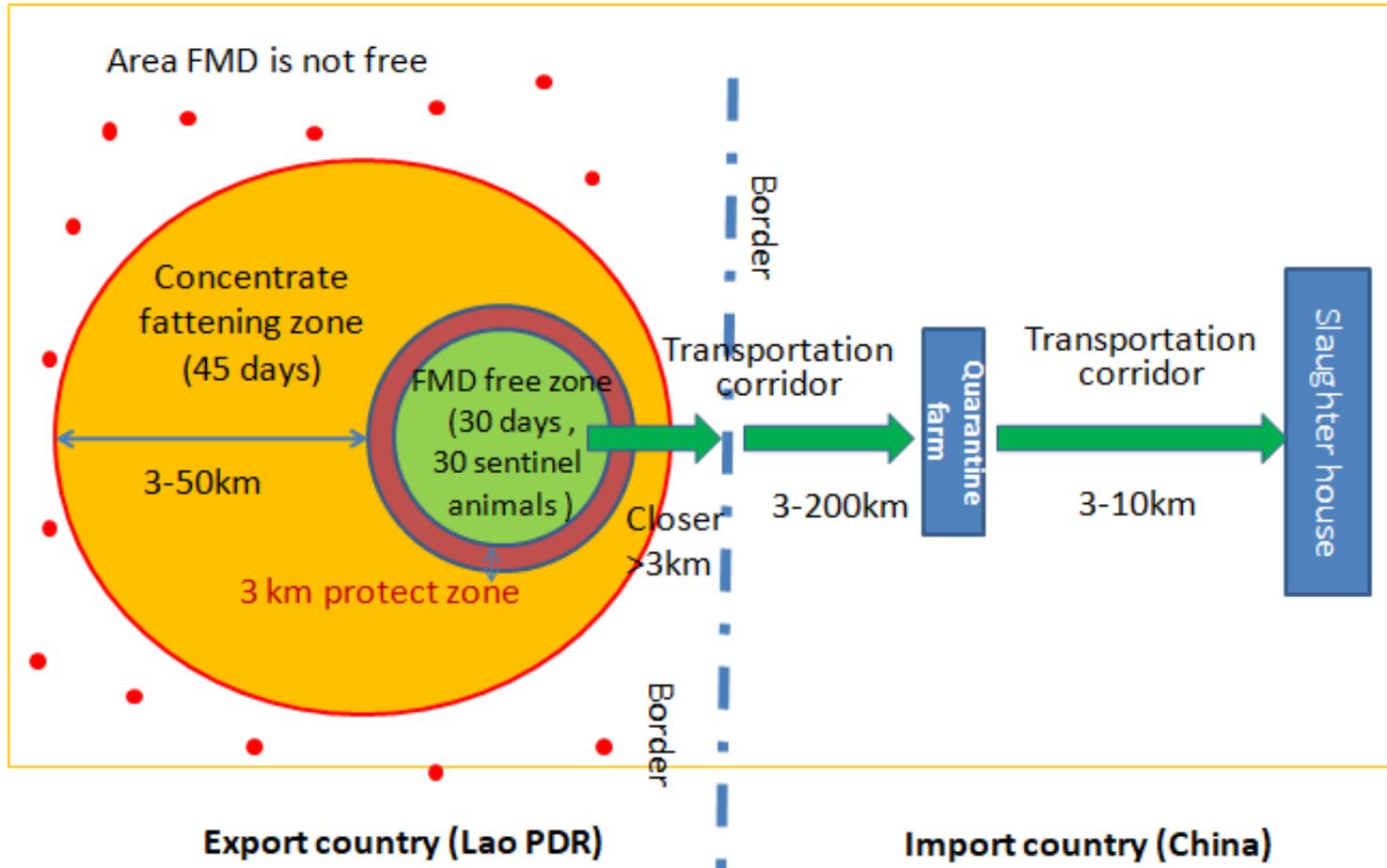
FAO has conducted the assessment with collaboration of CMU and the Technical Report on Safer Cattle Trade in GMS were drafted.



# FMD and safe cattle trade (FAO-China SSC)

## Current trade protocol and application

Lao PDR - China



Cattle loaded at free zone (Lao PDR)



Inspection at the border (China and Lao PDR)



Cattle unloaded at quarantine farm (China)



# Capacity development

## Online FMD Laboratory Investigation Training Course [Oct-Nov 2020]

- The course was developed by the FMD World Reference Laboratory at the Pirbright Institute, working in partnership with the European Commission for the Control of Foot-and-Mouth Disease (EuFMD) and FAO.
- 4-week online training
- 18 participants from 5 RAP countries





# Capacity development

## Online course: Socioeconomic Impact Assessment for FMD and Similar Transboundary Animal Diseases [Oct-Nov 2020]

- The course commenced on 19 October 2020
- 33 participants from RAP countries (11 FAO staff and 22 country nominations).
- Course was developed by EuFMD and FAO
- Aims to encourage and support participants to conduct socioeconomic impact assessment studies and estimate economic losses due to FMD and similar transboundary animal disease (FAST) outbreaks

The screenshot shows a course page with the following content:

**Socioeconomic Impact Assessment for FMD and Similar Transboundary Animal Diseases Third Edition / Evaluation des conséquences socio-économiques de la fièvre aphteuse et des maladies transfrontalières similaires troisième session**

Home / Courses / In-Depth Courses / SE\_3

**Course Overview**

A warm welcome to our in-depth virtual learning course on foot-and-mouth disease socioeconomic impact assessment.

The overall aim of this training course is to make you familiar with the concepts of socioeconomic impact assessment of foot-and-mouth disease, at the level of a household, a production sector (dairy, beef, smallholder), at a national or even regional level. This

**Vue générale du cours**

Bienvenue à ce cours approfondi sur l'évaluation des conséquences socio-économiques de la fièvre aphteuse et des maladies transfrontalières similaires (FAST).

L'objectif général de ce cours de formation approfondi est de vous familiariser avec les concepts socio-économiques indispensables pour l'élaboration et la conduite d'études d'impact de la fièvre aphteuse



**Course completion status**

Status: *In progress*

All criteria below are required:

Required criteria	Status
Activity completion	2 of 66



# Capacity development

## Foot-and-Mouth Disease Investigation Training Course (FITC) for Asia [July-August 2021]

- 500 + participants from 21 countries
- 4-week virtual course: live webinars + self-learning modules + discussion forum
- This course was developed by EuFMD and delivered through the FAO Virtual Learning Centre for Asia and the Pacific (VLC RAP).
- This course is delivered in collaboration with the FAO/OIE GF-TADs for Asia and the Pacific.



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# Open access courses to support countries engaged in the PCP-FMD available on the EuFMD vlearning platform:

- What is the PCP-FMD?
- Introduction to the PCP-FMD
- Introduction to the Risk-Based Strategic Plan

The screenshot shows the 'eufmd vlearning' interface. The top navigation bar includes 'COURSES', 'RESOURCES', and 'SUPPORT'. The main content area is titled 'FMD Investigation Training Course for Asia' and includes a 'Course Overview' section with a welcome message and a list of course tutors. Below this is a horizontal menu with options: 'Introduction', 'Discussion Forum', 'Week One', 'Week Two', 'Week Three', 'Further Reading', and 'Join the Conversation'. A 'Find out more' button is visible. Below the main content, there is a section for a 'New: Introduction to the Risk-Based Strategic Plan' course, which is described as an 'Open access course' designed to assist with writing control plans. A 'Scenario Exercise' section is also visible, featuring a map of a hypothetical country called 'Aphotland'.



# Global Coordination Committee on Foot and Mouth Disease (GCC-FMD)

- Initiative of GF-TADs FMD Working Group
- A forum to share experiences and coordinate regional activities for the final phase of implementation of the Global FMD Control Strategy.
- 14 standing members are regional economic communities and technical organisations involved in activities to control FMD at the regional and/or global level
  - Including SEA-C-FMD, ASEAN Secretariat
- First meeting planned for September 2021



# ACKNOWLEDGMENTS

Dr Kachen Wongsathapornchai, Regional Manager FAO ECTAD RAP;

Dr Damian TagoPacheco, Economist FAO ECTAD RAP;

Ms Lam Tsang (Sophie), Technical Specialist FAO ECTAD RAP;

Mr Hao Tang, Virtual Learning Centre for Asia and the Pacific Coordinator FAO ECTAD RAP

Ms Melissa Mclaws, Risk Management Specialist FAO HQ

And all FAO ECTAD RAP colleagues.

Thanks OIE for inviting to this meeting



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# Thank you



*Protecting people, animals, and the environment every day*