



World Organisation  
for Animal Health  
Founded as OIE

# Country Presentation

## FMD Situation and SEACFMD Campaign Progress

**Country name: Lao PDR**

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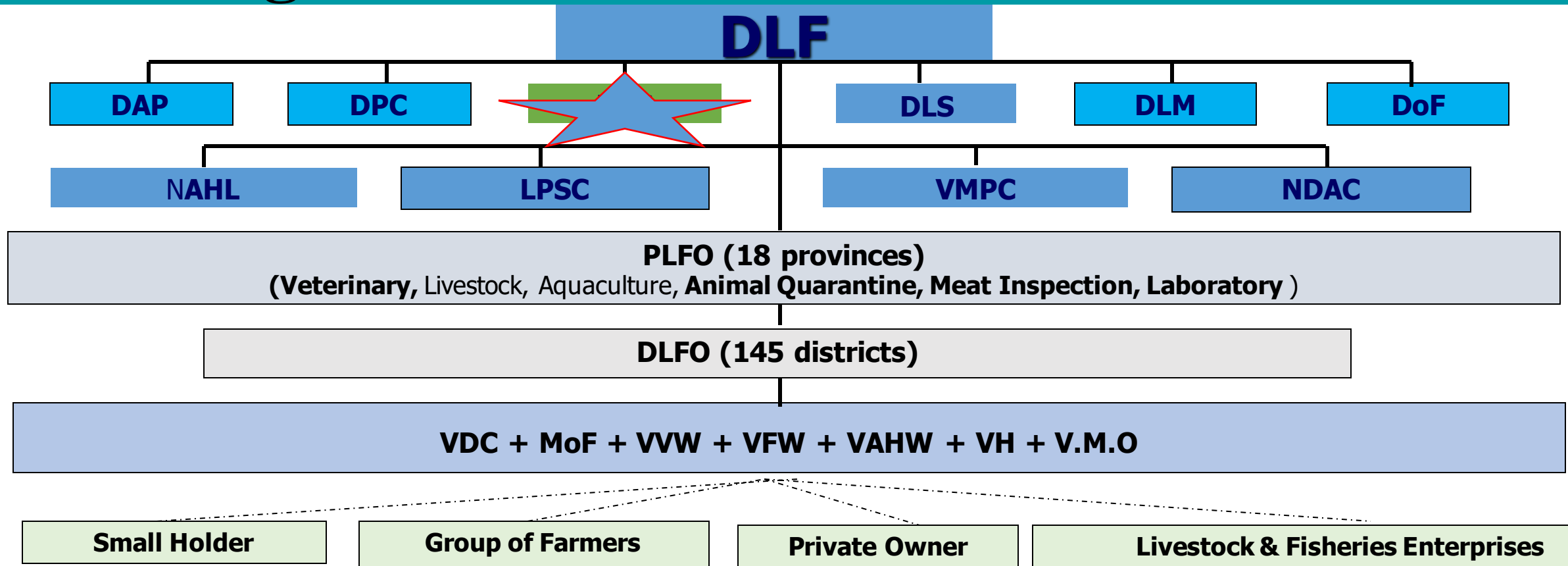
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# FMD situation in 2021-2022

- Temporal distribution – graphs (with number of outbreaks on ‘Y’ axis and Months on ‘X’ axis)
- Spatial distribution on maps
- Serotype distribution on maps or in bullet points
- Number/ species of animals affected – Tables
- Major epidemiological changes if any, and significant concerns. – bullet points

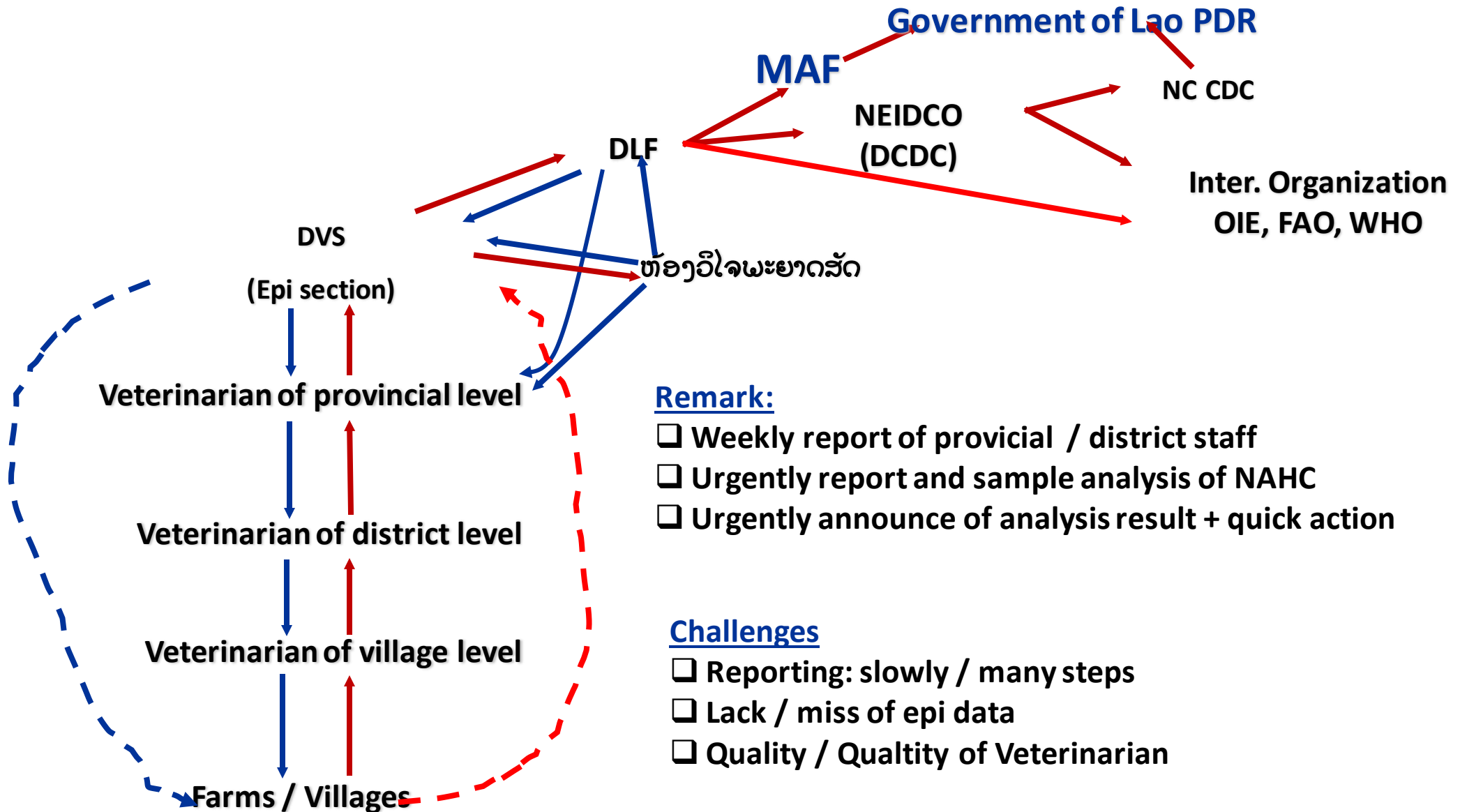
# Organization: Surveillance, Prevention and Control



**MAF** Ministry of Agriculture and Forestry  
**DLF** Department of Livestock and Fisheries  
**DAP** Div of Administration and personnel  
**DPC** Div of Planning and Cooperation  
**DLS** Div of Legislation and Sanitary  
**DF** Division of Fisheries  
**DLM** Div of Livestock Management  
**NAHL** National Animal Health Lab Centre  
**LPSC** Livestock Production and Standard Center  
**VMPC** Vet Medicine Production Center  
**NDAC** National Development Aquaculture Center

**PLFO** Provincial Livestock & Fisheries Office  
**DLFO** District Livestock and Fisheries Office  
**VDC** Village Development Coordinator  
**MoF** Model Farmer  
**VVW** Village Veterinary Worker  
**VFW** Village Fisheries Worker  
**VAHW** Village Animal Husbandry Worker  
**VH** Village Headman  
**VMO** Village Mass Organization

# Reporting on: Surveillance, Prevention and Control



## Remark:

- Weekly report of provincial / district staff
- Urgently report and sample analysis of NAHC
- Urgently announce of analysis result + quick action

## Challenges

- Reporting: slowly / many steps
- Lack / miss of epi data
- Quality / Quantity of Veterinarian

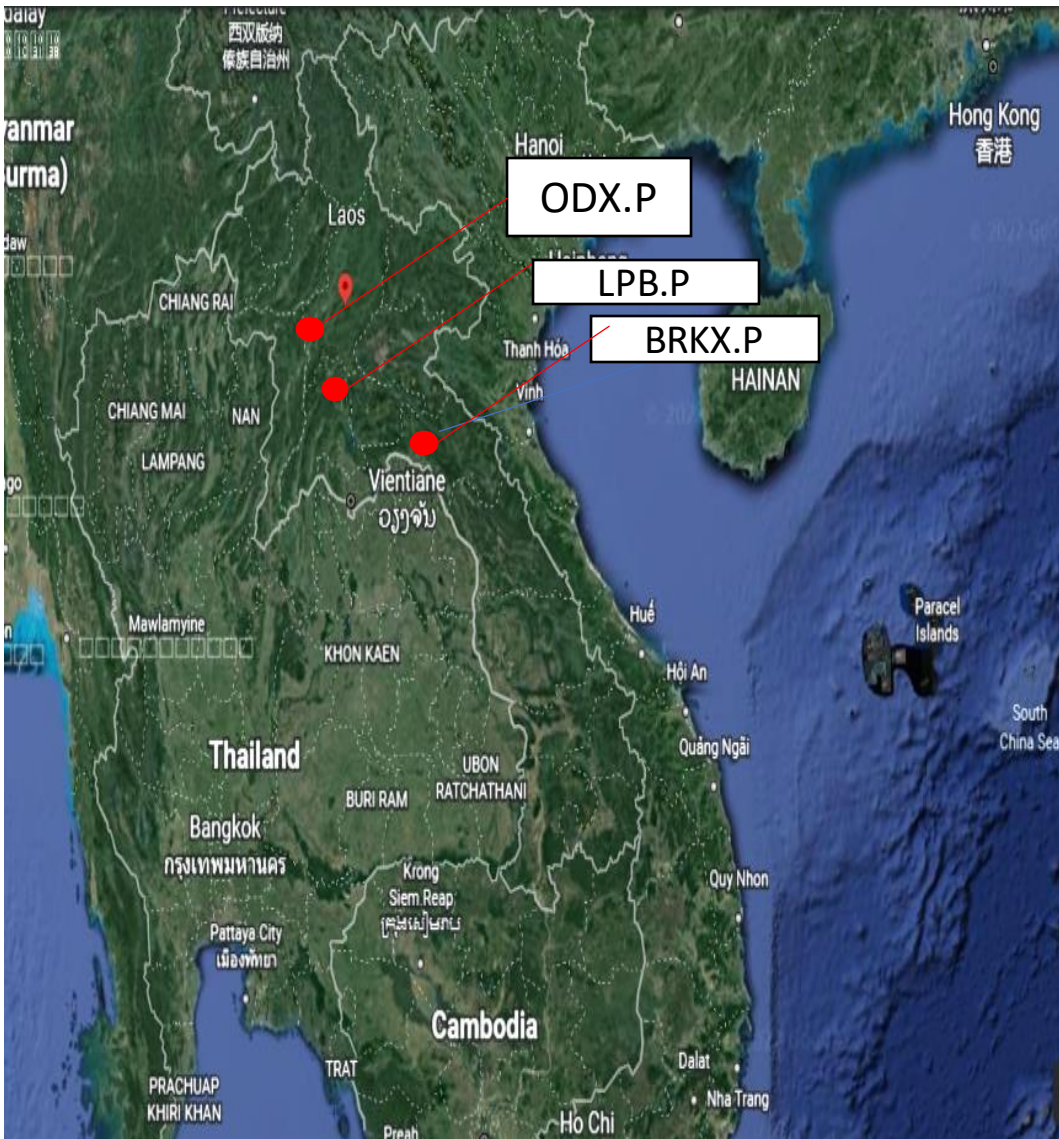
# **FMD outbreak in 2020**

## **Impact of COVID-19 on FMD activities**

- FMD control activities have been delayed e.g advocacy, policy vaccination , trainings , field work due to COVID -19.
- Lack of opportunities for physical meetings result into loss opportunities on cross learning, networking and developing relationships.
- Pandemic offered reflection time to strategies and strengthen foundation of overall disease control including FMD i.e. surveillance, biosecurity, outbreak investigation and risk communication.
- Identified need to create a IT infrastructure and develop skills both at National and subnational level to facilitate coordination, remote meetings and trainings.

# FMD outbreak in 2020

## Area and infected animal of FMD outbreak



| Date        | Provinces    | Districts    | Number of villages | Sample (+ve) | Serotype (Strain) |   |                      |
|-------------|--------------|--------------|--------------------|--------------|-------------------|---|----------------------|
| Jan 2020    | Luangprabang | Luangprabang | 1                  | 1            | O                 |   |                      |
|             |              | Nambark      | 15                 |              |                   |   |                      |
|             |              | Pakxeng      | 7                  |              |                   |   |                      |
|             |              | Ngoy         | 3                  |              |                   |   |                      |
|             |              | Phonexay     | 2                  |              |                   |   |                      |
|             |              | Phonthong    | 2                  |              |                   |   |                      |
|             |              | Nan          | 1                  |              |                   |   |                      |
|             |              | Pakou        | 1                  |              |                   |   |                      |
|             |              | Oudomxay     | Xay                |              |                   | 1 | No sample collection |
|             |              | Beng         | 1                  |              |                   |   |                      |
| La          | 1            |              |                    |              |                   |   |                      |
| Bolikhamxay |              | Parksan      | 14                 | 1            | O                 |   |                      |
|             |              | Parkkading   | 5                  |              |                   |   |                      |
|             |              | Bolikan      | 1                  |              |                   |   |                      |

# FMD outbreak in 2020

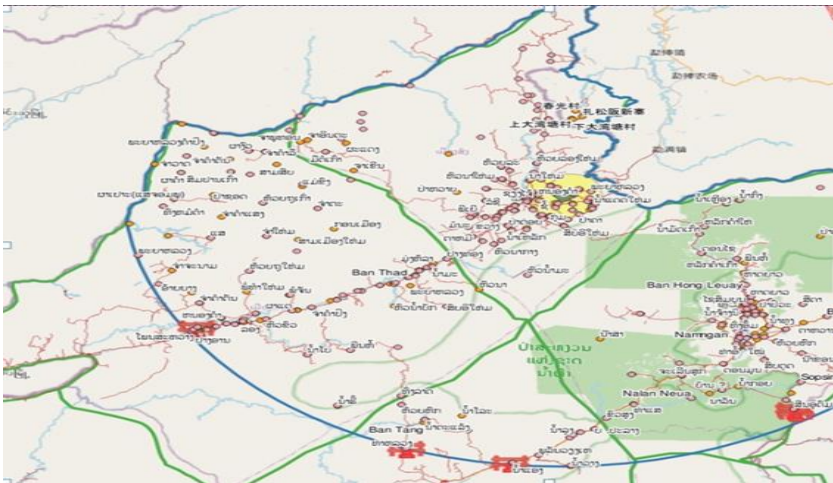
## Field activities of FMD investigation



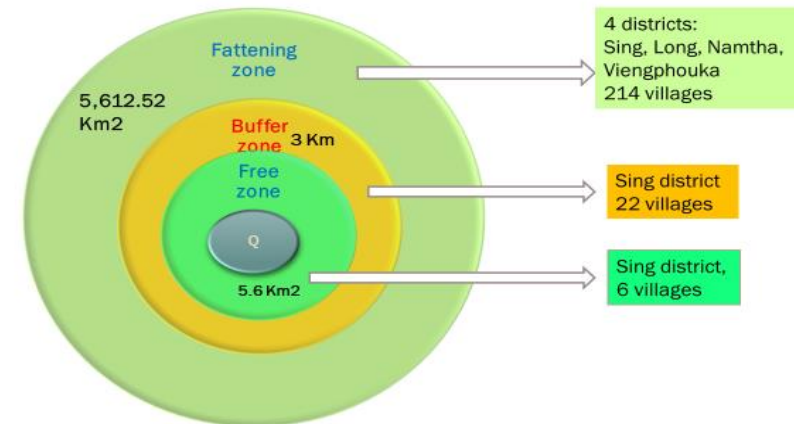
# FMD situation in 2021-2022

- The FMD control zone in Louangnamtha province (No.0253/MAF, 14 February 2020)

1. FMD Free zone of 5.6 km<sup>2</sup>
2. Buffer zone of 3 km from the free zone which include 22 villages.
3. Collected area of 47 km from buffer zone which including 4 districts(Sing, Long, Vingphoukha and Namtha).



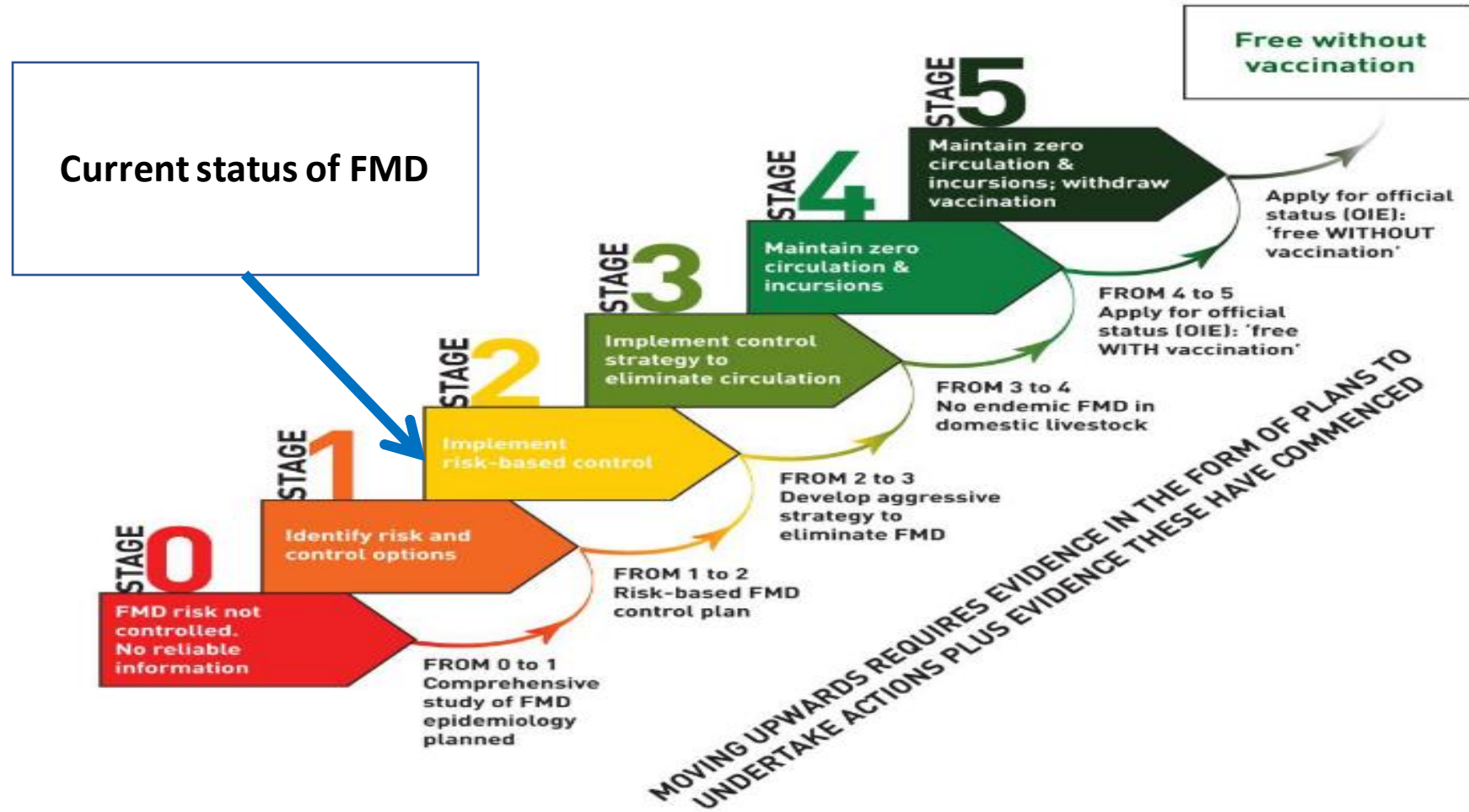
## LAUNGNAMTHA CONTROL ZONE





# FMD outbreak in 2020

## Progressive control pathway (PCP)



# Main challenges and recommended solution

## **Difficulties and problem**

- The country geographic and family / small scale of Livestock production
- The Implementation of disease prevention and control system
- Laws and regulation enforcement for animal and animal production movement
- Limitation of HRD, Equipment and Vet. Facilitation
- Limitation of budget

# FMD Prevention and Control – Progress of the Campaign

- Progress of implementation of SEACFMD Roadmap 2021-2025 till date
- Main achievement
  - 1) Current country's FMD CPC Stage: Stage-2: Implement Risk Based Control / Impact of FMD is reduced in targeted sector / areas (FZ: 5.6 km<sup>2</sup>, BZ: 3km-radius/22villages & Fat.Z: 5,612.5 km<sup>2</sup>/4distrits)
  - 2) At the end of 2025, LaoPDR will be at Stage-3: virus circulation is reduced where the national Official Control Program is applied
  - 3) Lao PDR signed the trade agreement with China in 2020
  - 4) We organized training courses for northern provinces especially for Louangnamtha province where the FMD free zone and set up the epi-networks (in all 18 provinces after organizing trainings) 11) Laos's National FMD Programme endorsed by the Ministry Government in 2021 or earlier (Output 2.1 don't know / No)
  - 5) Risk-Based Strategic Plan for Control of FMD in Lao PDR

# FMD Prevention and Control – Planned activities

- **Key/ Main activities planned in 2023**
- Continue to generate awareness on FMD and its control (for FZ: animal health control in Collected zone and free zone ... including control animal).
- Ensure sustain supply of quality FMD vaccine.
- Promote and incentivize FMD vaccination amongst farmers and traders.
- Continue with capacity building and training programme on FMD risk, control, data management, investigation , lab diagnosis
- Better understand epidemiology ... especially for FMD
- Strengthen surveillance and timely reporting



Thank You