

Foot and Mouth Disease Prevention and Control in Lao PDR

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FMD SITUATION

FMD situation

- No clinical FMD outbreak reported in 2022
- Serotype "O" was prevalent in 2019 and 2020 .
- Serotype "A" which was detected in 2018 in Attapeu province has not been found thereafter.



FMD Control Zone for Cattle trade from Lao PDR to China

The FMD control zone divided into 3 parts as follow: FMD free zone with Animal quarantine inside, Buffer zone and collecting zone

FMD Free Zone:

- Quarantine station inside the free zone
- 30 days quarantine before export
- Routine clinical examination of animals
- 10% blood sample collection for LPB ELISA test
- 30 sentinel animals
- NSP and Probang testing

Buffer Zone:

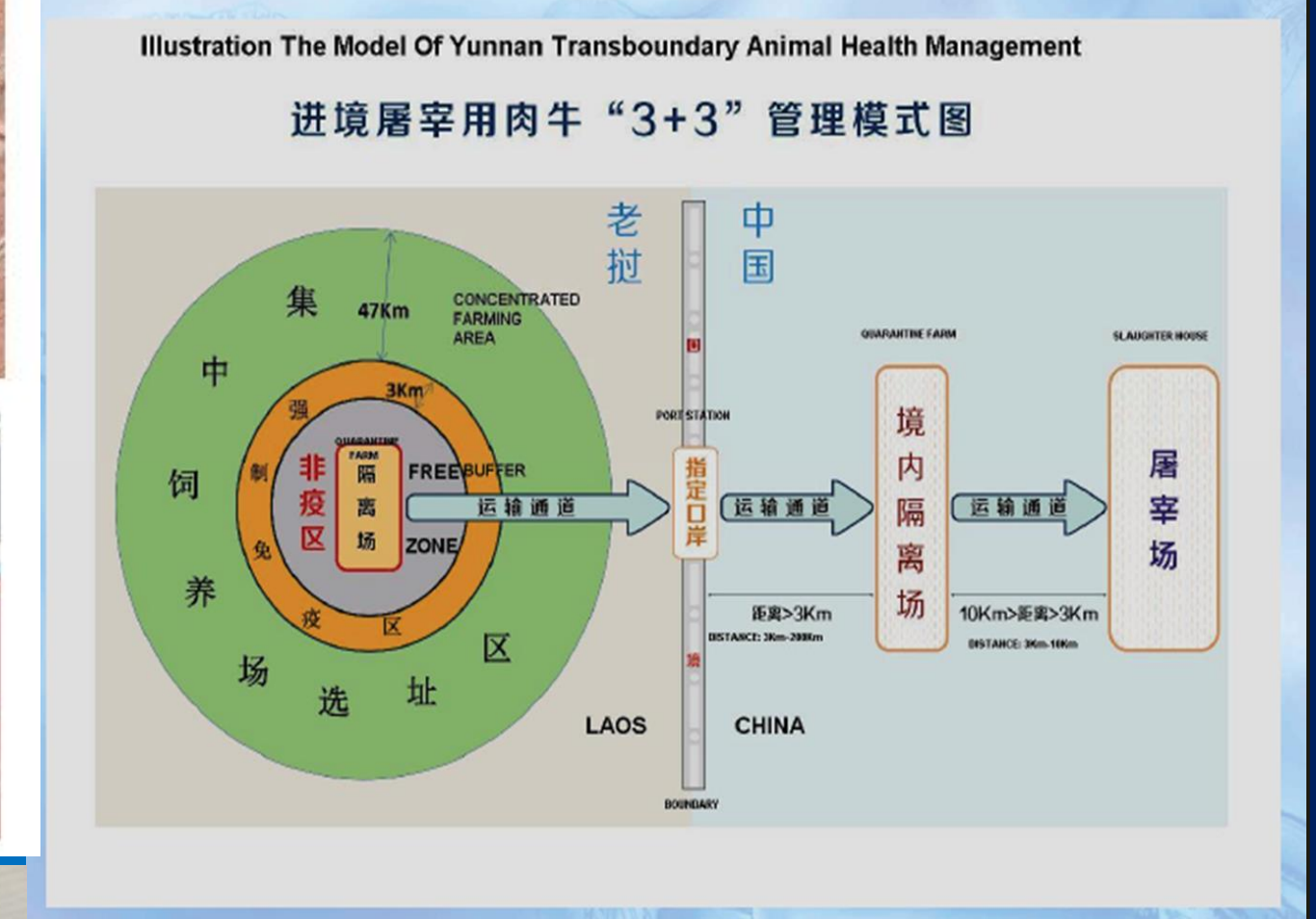
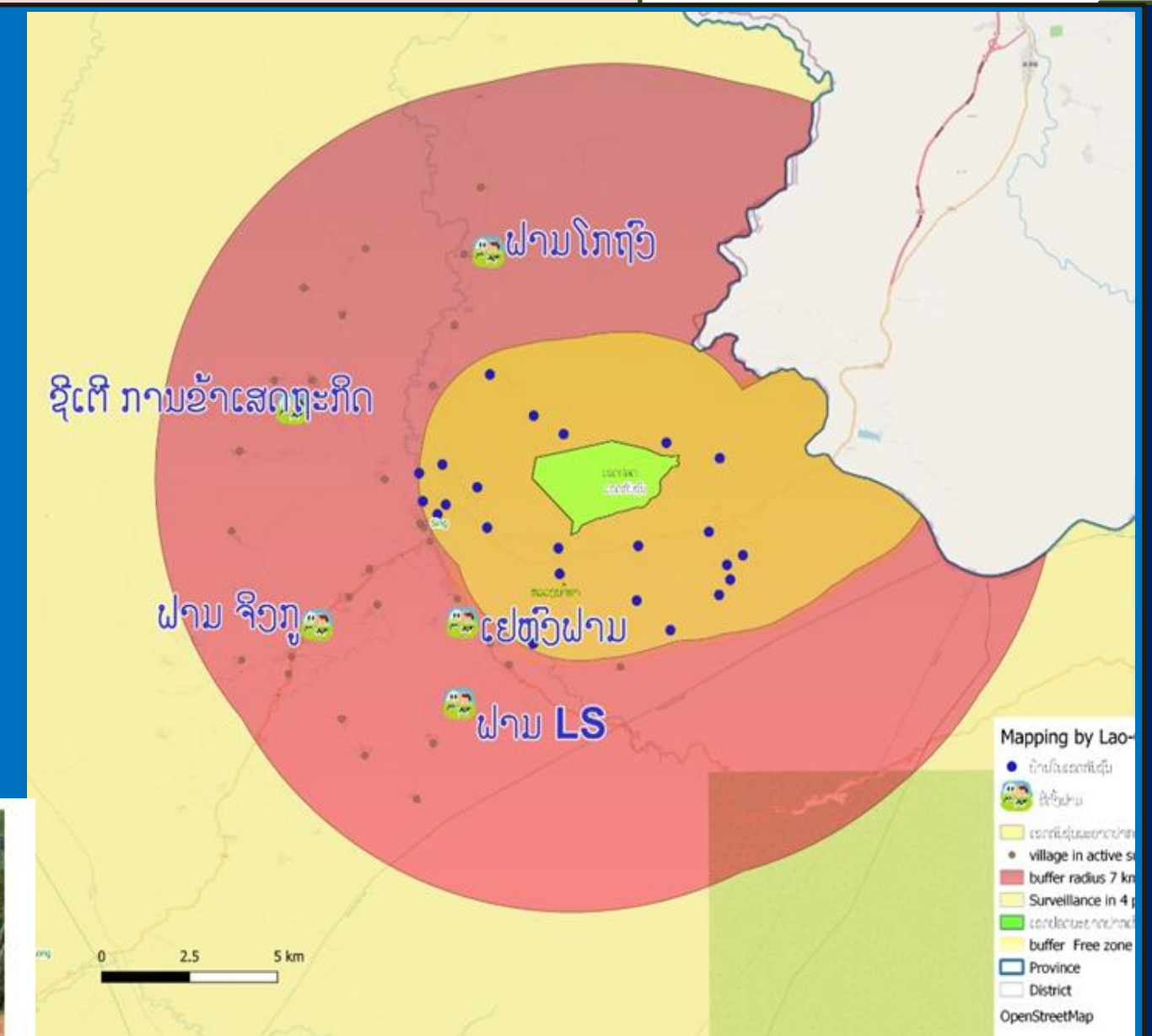
- Covers 22 villages with over 1800 cattle and buffaloes
- FMD Vaccination and post vaccination monitoring practiced
- 10% blood samples every 3 months for NSP test

Collection Zone:

- There are collection farms inside this zone
- 45 days quarantine before moving to quarantine zone
- Ear tagging with HS, FMD and LSD vaccination 2 time(day 0 to 4 and after 30 – 35 days)
- Routine clinical examination

Cattle and Buffaloes exportation

- In 2021 exported 2013 heads
- Exportation stopped because LSD outbreak occurred
- Exportation will commence the end of September



FMD PREVENTION AND CONTROL ACTIVITIES

FMD Vaccination Campaign Training in Luang Namtha

- The Veterinary Public Authority: 50 participants attended, included : DLF 7 PAFO 11 and DAFO 32 Staff
- Traders, Farmers and VVW: 50 participants attended the training including : Farmer 28 , Trader 31 and VVW 31



FMD and LSD Vaccination Campaign

Districts	Animal statistics			Animals vaccinated			% of
	Cattle	Buffalo	Sub-total	Cattle	Buffalo	Sub-total	Vaccination
Luangnamtha	7,094	874	7,968	6,458	750	7,208	90.46
Sing	9,777	2,739	12,516	9,489	2,795	12,284	98.15
Long	7,019	1,417	8,436	6,397	1,184	7,581	89.86
Viengphoukha	11,153	2,220	13,373	9,345	1,899	11,244	84.08
Nalae	5,357	4,364	9,721	5,180	4,036	9,216	94.81
Total/Average	40,400	11,614	52,014	36,869	10,664	47,533	91.47



CONSTRAINTS & SOLUTIONS

Constraints

- High price of FMD vaccine, only few death making less interest of farmers to vaccinate their animals
- Lack of funding and equipment for field operational works
- Delay or under-reporting.
- Free range production system, Improve public awareness, implement biosecurity practices.
- Animal and animal products movement control-both in country and cross border

Solutions

- Improve surveillance and disease reporting system
- Develop and train new workforce at the local level
- Capacity building ,training of Veterinary Paraprofessionals and Village Veterinary Workers (VVWs)
- Enhance public awareness and risk communication for FMD high risk areas
- Explore good quality FMD vaccine with cheaper price
- Advocacy to allocate budget and resources for implementation of Risk Based Strategic Plan (RBSP)