



# Capacity building approaches to respond to the threat of introduction and spread of Transboundary Animal Diseases (TADs) and Zoonotic diseases In Lao PDR

## Capacity building approaches

- Example of capacity building approaches

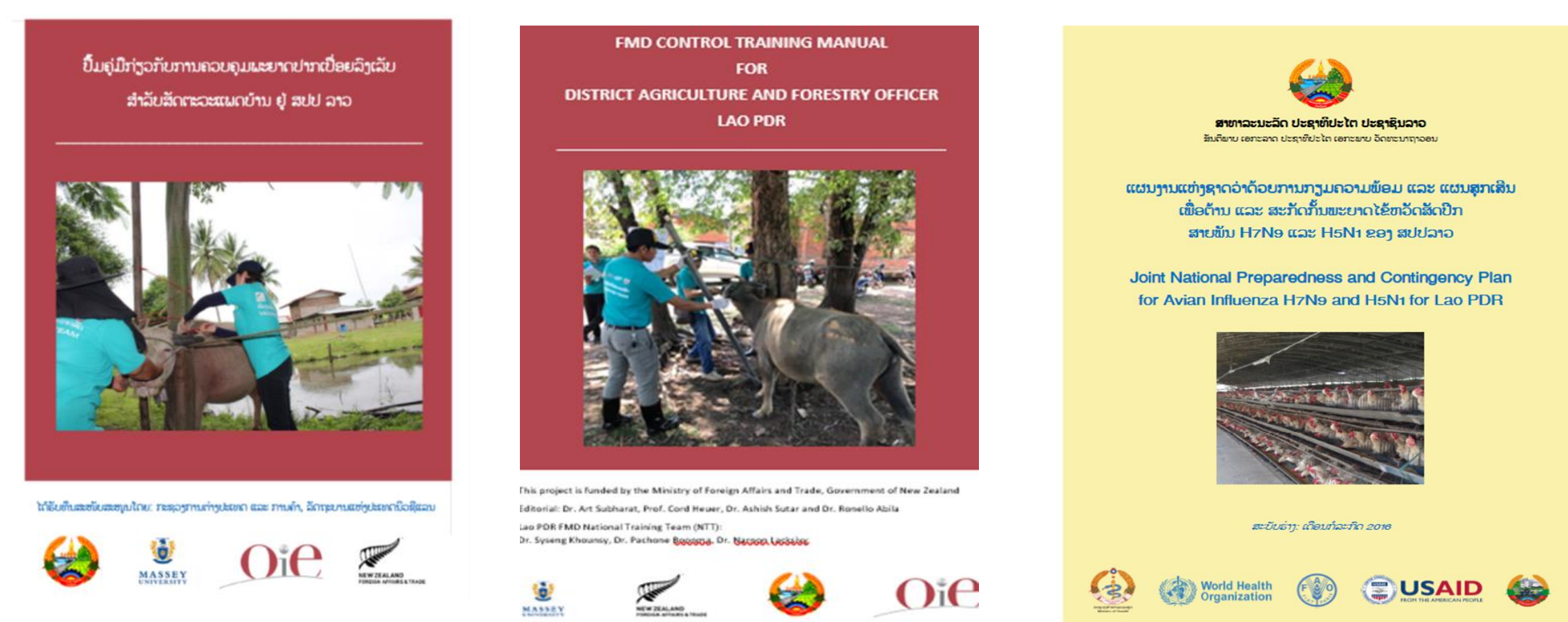
  - 1) Strengthening policy and regulation
  - 2) Community based capacity building
  - 3) Laboratory capacity building
  - 4) Public awareness
  - 5) Infrastructure development

## Policy and Regulation

- Livestock Production and Veterinary law revising (11.11.2016);
- Decree on Animal Disease Control (2012);
- Decree on Animal and Animal Commodities Movement Control (2012);
- MAF Decision of Role and Duty of Vet Inspection (2012);
- National FMD Control Plan of Lao PDR, that has been endorsed by the Ministry of Agriculture and Forestry (2015).

## Guidelines and contingency plans (2018 – ongoing)

- Joint National Preparedness and Contingency Plan for Zoonotic Influenza ( to be endorsed soon)
- African Swine Fever (ASF) strategic plan (ongoing development)
- ASF Contingency Plan (ongoing development)
- Laos VVW training module for Foot and Mouth Disease (FMD) was updated by team WOAHS SRR SEA and Massey University (MU).
- Designed in harmonisation with the current competency guidelines for VPPs.
- Developed the Basic Veterinary Field Epidemiology handbook as a resource for the workforce.



## Community based Capacity Building

- Vaccination management and Animal Quarantine management training for PAFO, DAFO, VVW, Farmers and Traders in Animal Control Zone(7DLF, 11 PAFO, 37 DAFO, 28 famers and Traders and 31 VVW) [Feb,2023]
- Risk Communication and Disease outbreak mapping (40 people from 18 provinces) [July 2024]
- Laboratory Outbreak Simulation workshop [July 2024]
- Disease control Zone Established to support cattle trade
- Infrastructure development : 2 new laboratory buildings in the Central level and 1 buildings in the Luang Namtha to support cattle trade. [ last 5 years ]
- Training of trainers on Basic Veterinary Field Epidemiology for provincial level( 90 Vet authority joined) [ May,2024]
- National Workforce Development Workshop [2022 ]



## World Rabies Day Celebration: Raising Public Awareness ( 2022-23)

Serial No.	District	Village	Latitude	Longitude	No. of Teacher	No. of Student
1	Sikhottabong	Mai	17.97766	102.46716	10	180
2	Sikhottabong	Nonekhilek	17.98353	102.52167	8	70
3	Hardsai fong	Donedou	17.8934	102.62468	5	80
4	Hardsai fong	Kengpayang	17.86921	102.61528	10	78
5	Sangthong	Phialard	18.21781	102.23663	10	230
6	Sangthong	Parkton	18.0915	102.28738	10	85
7	Saysetha	Khamngoy	17.98086	102.68386	5	100
8	Saysetha	Nonekhoh Neua	17.96827	102.65782	10	215
9	Naxaithong	Namhotum	18.18182	102.51019	4	100
10	Naxaithong	Naxai	18.07925	102.53342	8	170
11	Saythanee	Sanghouaboh	18.00629	102.78918	7	120
12	Saythanee	Phonengam	18.16492	102.75191	10	240
Total					97	1668

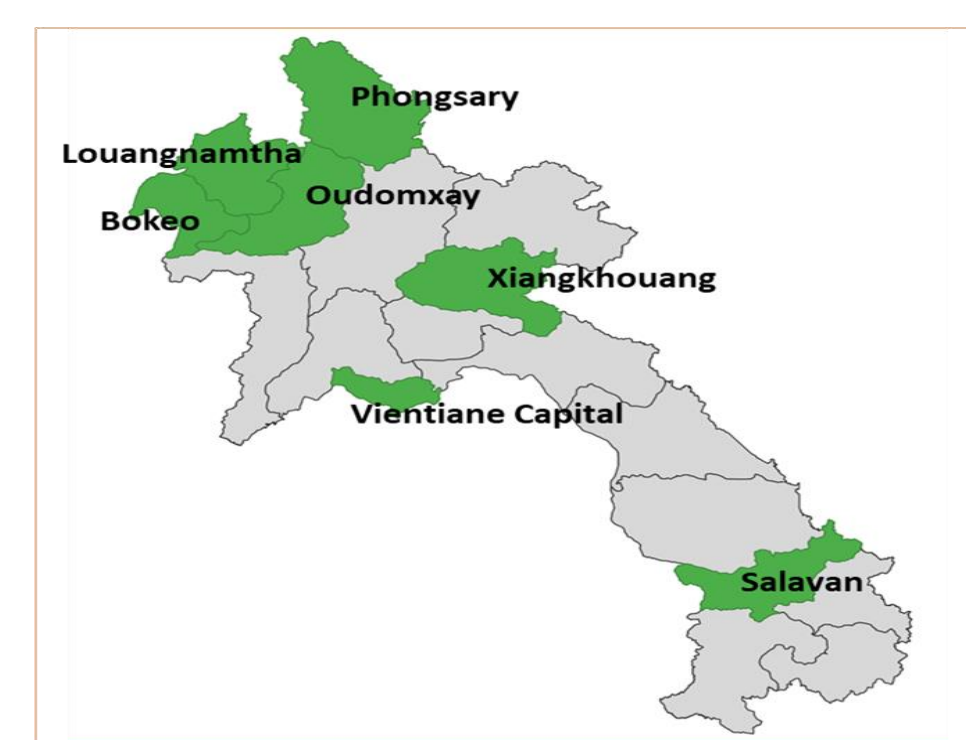


## Anti Microbial Resistance (AMR) week celebration (2022)

1. farmers' advocacy events (Vientiane cap and Luang Prabang)  
320 farmers(59 cattle farmers, 49 pig farmers, 7 goat farmers, 71 poultry farmers, 2 Fish farmers and 132 integrate farmers )
2. advocacy meeting with informal prescribers  
81 participants (18 animal feed and medicine sellers, 44 village veterinary workers(VVW), 2 animal feed company, 16 animal traders, 1 private laboratory).
3. Student Awareness Programme (Nabong campus)  
There were 157 participants, included 6 teachers, 145 Veterinary students and 6 agriculture students

## Active surveillance on HPAI

- HPAI market surveillance in 7 provinces 2024
- Active Surveillance on LNT disease control Zone( Export cattle, Sentinel animal and cattle in buffer Zone)



## Challenges and Recommendation

### Challenges/gaps

- Lack of human resources
- Lack of funding and equipment for field operational work
- Technical, Laboratory emergency response capacities at the local level
- Delay or under-reporting.
- Animal and animal products movement control-both in country and cross border
- Decree on stamping out and compensation is developed, enforcement is a challenge.

### Recommendations

- Continue build technical capacities of Veterinary Paraprofessionals and Village Veterinary Workers (VVWs) particularly training on Basic Veterinary Field Epidemiology, emergency management at the local level .
- Collaborating with with Ministry of Health and other relevant sectors on Zoonotic disease control particularly to train the Joint National Preparedness and Contingency Plan for Zoonotic Influenza for provincial and district authorities.
- Strengthen policy, planning and public awareness on prevention and preparedness
- Promote Public Private Partnership
- Continue applying holistic approach to capacity building for sustainable results.

