



World Organisation
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15th Meeting of the Upper Mekong Working Group
on Foot and Mouth Disease Zoning and Animal
Movement Management

MYANMAR

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Outline of the presentation

1. Livestock Census Data
2. Current Price of Live Animals
3. Import Trends of Livestock and Livestock Products
4. Export Trends of Livestock and Livestock Products
5. Animal Movement and Trade Patterns within a country
6. Animal Movement and Trade Patterns across border
7. Official import/export border control checkpoints
8. Quarantine stations for live animals
9. Bilateral Collaborations/Agreements
10. Project supporting safer trades
11. Key activities at the border checkpoints
12. Cross border trade challenges
13. Future Activities for 2024-2025



Latest livestock census data by province, district

Province	Local Cattle	Dairy Cattle	Beef Cattle	Mithun Cattle	Local Buffalo	Dairy Buffalo	Horse	Goat	Sheep	Pig	Dog
Nay Pyi Taw	152154	1,125	73	-	34,200	-	233	36,136	3,465	130,433	62,211
Kachin	269,019	2,313	20	3,556	98,988	234	164	45,744	-	355,183	97,280
Kayah	76,313	-	84	-	14,646	-	66	3,438	-	57,245	26,798
Kayin	263,683	570	90	-	43,360	-	535	126,375	-	130,703	67,563
Chin	7,783	-	-	27,689	1,008	-	-	29,495	-	191	4,757
Sagaing	1,548,909	10	2,822	5,450	167,236	61	724	160,587	72,614	636,101	170,748
Taninthayi	36,856	604	-	-	4,235	-	-	11,056	-	43,144	32,588
Bago (East)	432,375	3,582	180	-	110,113	1,135	1,996	99,602	278	517,504	177,744
Bago (West)	433,301	5,109	996	-	11,909	-	3,674	68,631	31	196,636	115,515
Magway	1,587,416	2,969	85	7	17,971	-	2,509	571,106	97,331	216,867	239,653
Mandalay	1,495,138	17,918	547	-	16,459	52	1,688	602,615	84,388	310,384	205,519
Mon	141,043	2,423	-	-	9,521	-	481	65,846	-	89,115	44,508
Rakhine	688,405	847	-	-	91,316	-	352	110,297	-	162,676	63,409
Yangon	138,298	21,808	2,089	-	21,558	2,620	2,716	99,233	706	269,884	179,128
Shan (East)	251,967	147	-	574	27,311	-	140	7,070	-	154,997	64,140
Shan (North)	491,765	953	-	191	83,985	-	2,030	95,929	-	348,443	191,258
Shan (South)	489,104	1,520	53	12	69,317	15	1,508	3,212	-	171,523	62,651
Ayeyawady	345,589	10,346	425	-	47,424	-	7,327	168,833	128	680,933	376,803
Total	8,849,118	72,244	7,464	37,479	870,557	4,117	26,143	2,305,205	258,941	4,471,962	2,182,273



Current price of live animal

Species	MMK/Head	Average USD/head
Cattle	1,000,000	280
Buffalo	1,000,000	280
Pig	500,000	140
Goat/sheep	100,000	30
Duck/ Chicken	10,000	4

Source: Livestock Breeding and Veterinary Department



Import trends on livestock and livestock products

Import Trends on Livestock and Livestock Products (2023-2024 March)

Sr. No	Items	China (Kg)	Thailand (Nos)	Vietnam (Nos)
1.	Day Old Chick GP/PS (ရက်သားကြက်ပေါက် /ဘိုးဘွားမျိုးရိုး/ မိဘမျိုးရိုး)			
2.	Day Old Duck (ရက်သားဘဲပေါက်)		530000	
3.	Hatching Egg(မျိုးကြက်ဥ)		672600	
4.	Hatching Duck Egg (မျိုးဘဲဥ)			
5.	Frozen Meat (အေးခဲအသား)	84000		
6.	Live Pig(ဝက်အရှင်)		915	
7.	Dairy Cattle Semen Straw(မျိုးရည်ခဲချောင်း)			
8.	Pig Semen (မျိုးချောင်း)		264	250
9.	Bee Pollen (ပျားဝတ်မှုန်)			
10.	Live Sheep & Goat(သိုး/ဆိတ်အရှင်)			
11.	Duck Down/Goose Down (ဘဲမွေး/ငန်းမွေး)			
12.	Wool Rags (သိုးမွေး)			
13.	Cow/Sheep/Goat Leather (နွား/ဆိတ်သားရေ)			



Export trends on livestock and livestock products

Export Trends on Livestock and Livestock Products (2023-2024)

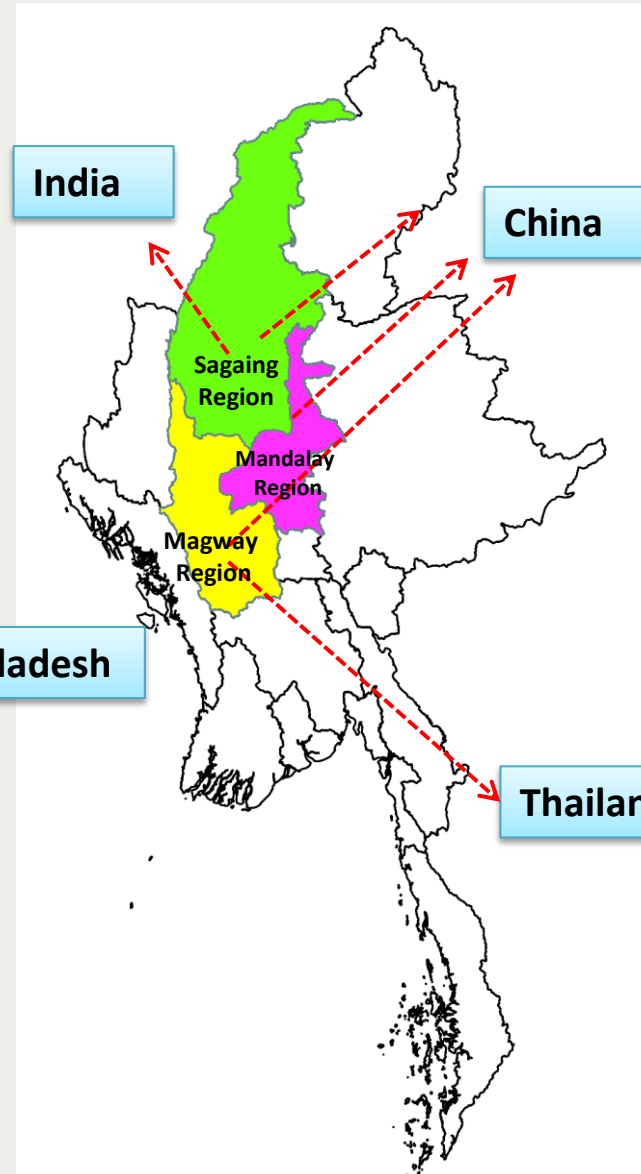
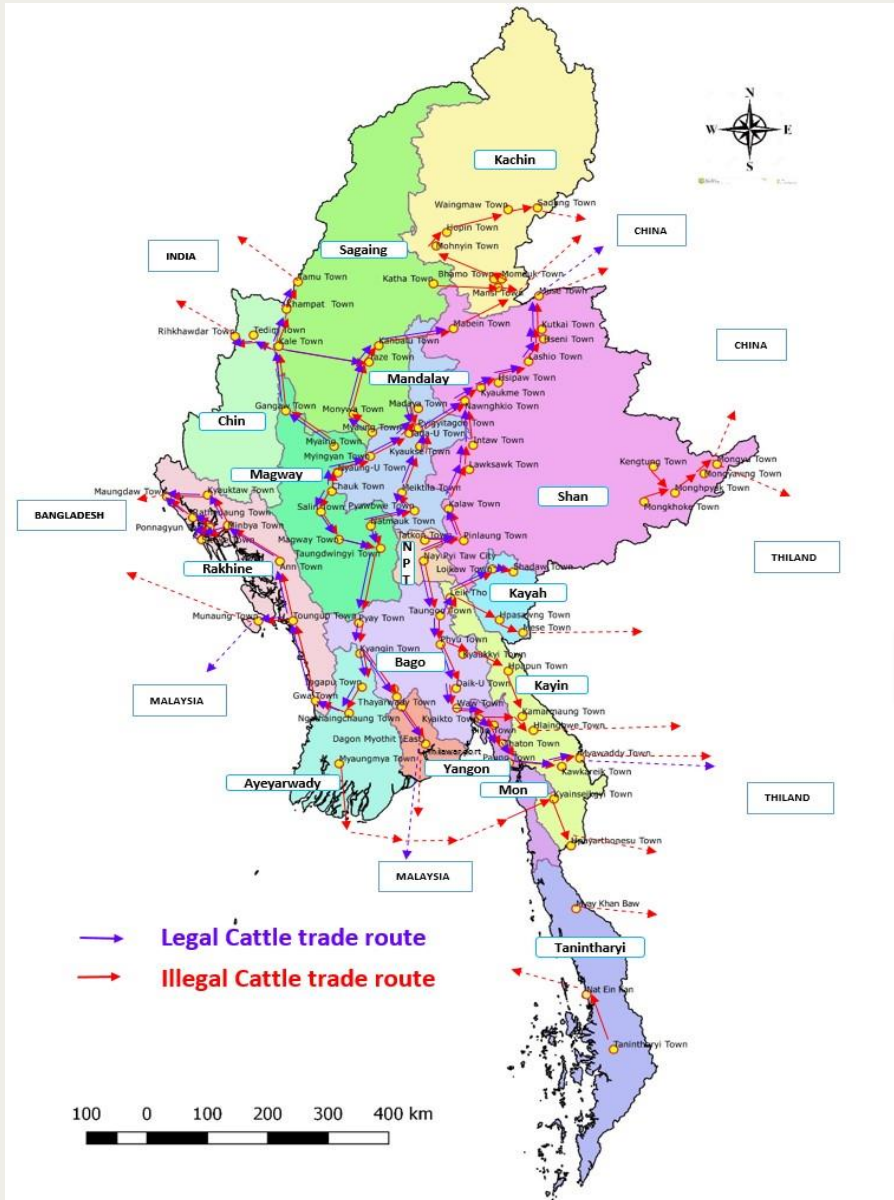
Sr. No	Items	China (MT)	Thailand	Vietnam
1	Fish meal/Prawn Meal	35684		3460 MT
2	Black Bird Nest	0.02856 (MT)		
3	Yeast			24 MT
4	Duck Feather			15.7245 MT
5	Frozen Beef and Offal	300 MT		60 MT
6	Pet Food		0.05 MT	
7	Silk Cocoons	282.5 MT		
8	Dried Buffalo and Salted Omasum	32 MT		
9	Dried Buffalo Meat	350 MT		
10	Down Jacket and Vest	37965 MT		
11	Duck Feather	204 MT		
12	Cow Leather	100 MT		
13	Buffalo Horn	13.20 MT		

Export of Live Cattle and Goat (2021-2022)

Sr. No	Items	Thailand	Laos
1	Cattle	12190	
2	Goat		1000



Animal movement and trade patterns within a country



The Main Cattle Source THREE REGIONS and Illegal Cattle Trade Routes of Myanmar

1. Mandalay ,Shan to China
2. Sagaing , Mandalay to China
3. Sagaing, Kachin to China
4. Sagaing to India
5. (Magway ,Mandalay, Shan) to China
6. Magway, Rakhine to Bangladesh
7. Magway,NayPyiTaw/Bago,Mon Kayin to Thailand



Animal movement and trade patterns across borders

Illegal Cattle Trade Routes of Mandalay, Magway and Sagaing to China and Thailand



Illegal Cattle Trade Routes of Magway and Sagaing to India



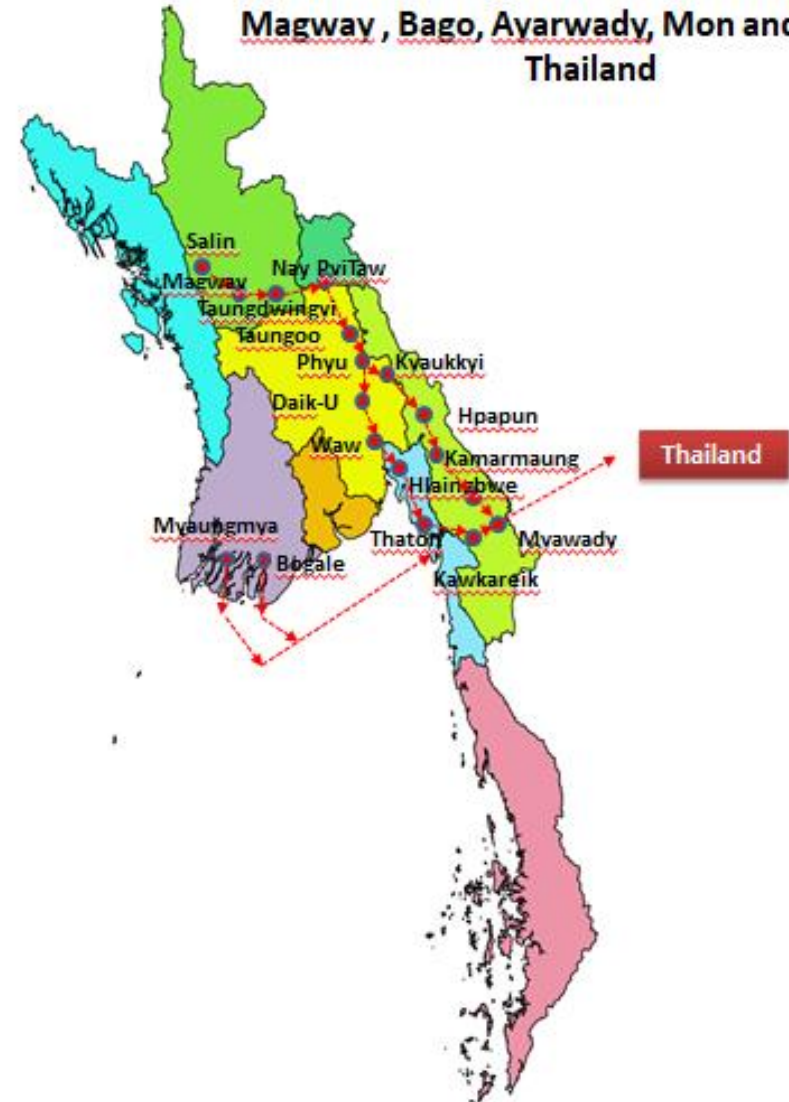


Animal movement and trade patterns across borders

**Cattle Trade Routes,
flow in & flow out of Rakhine State**

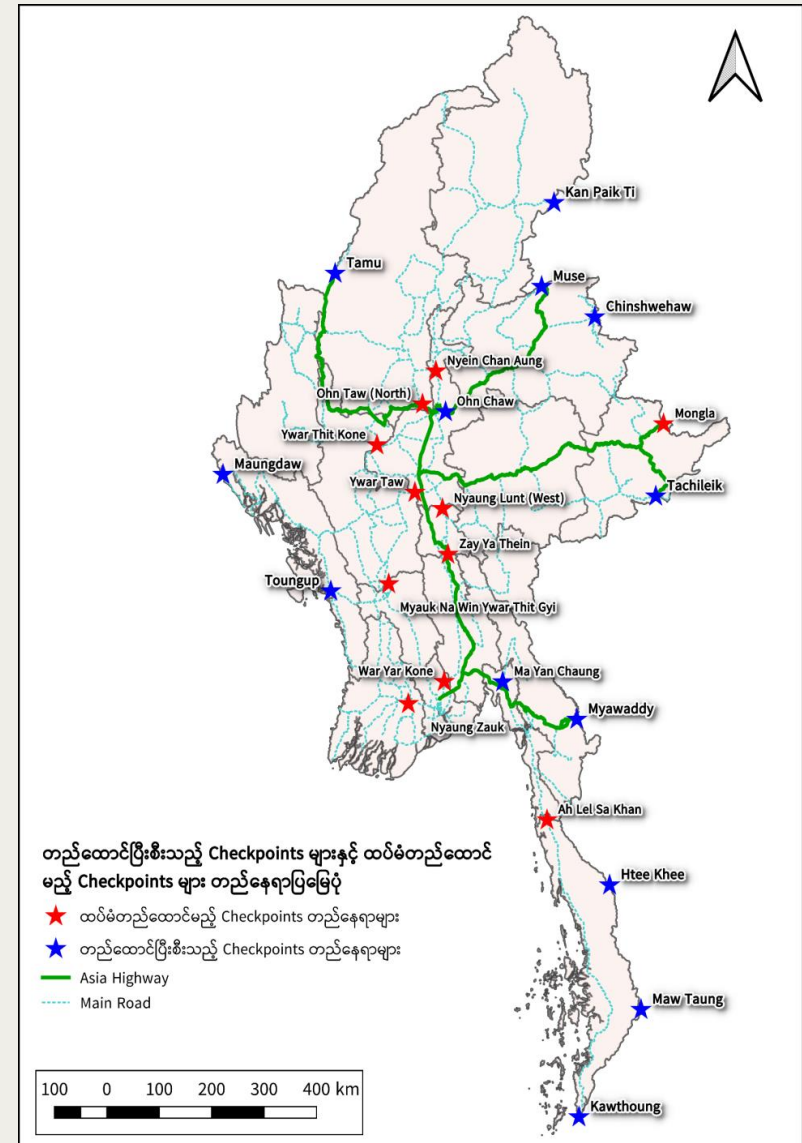
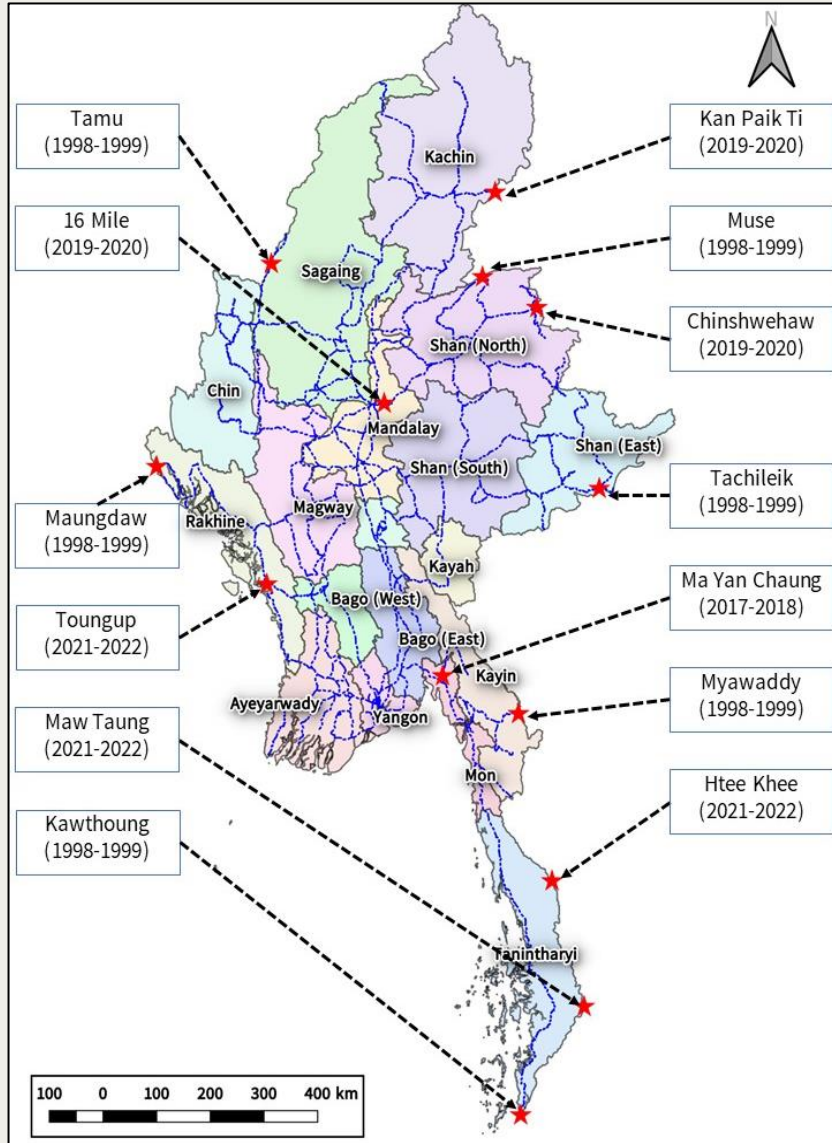


**Illegal Cattle Trade Routes of
Magway, Bago, Ayarwady, Mon and Kayan to
Thailand**





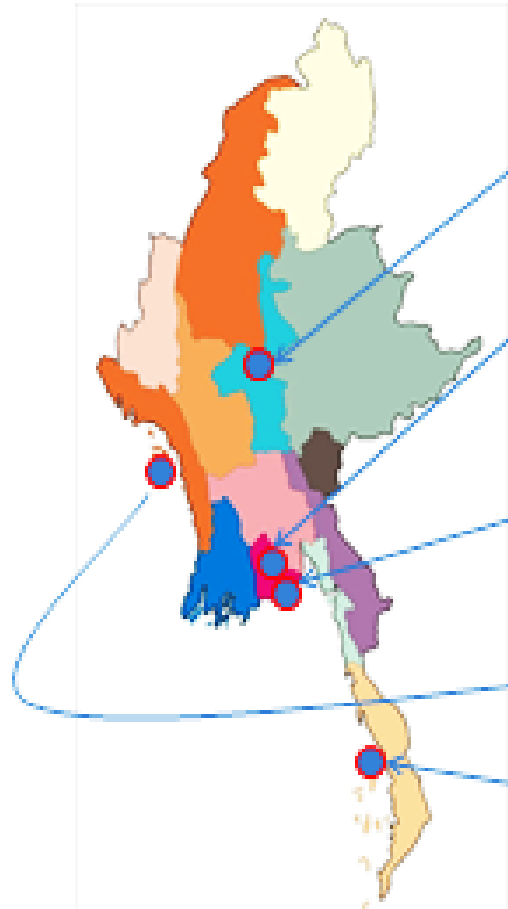
Official import/export border control checkpoints





Quarantine stations for live animals

- Two Airports, Three Seaports and One inland quarantine stations



Location
Mandalay International Airport
Yangon International Airport
Thilawa, International Seaport, Kyauk Tan
Kyaukphyu Deep Seaport
Seaport Quarantine (Myeik)



Animal Quarantine Station (Kutkai)





Animal Movement Control and Traceability

- Bilateral Agreement between Myanmar and China for “Protocol for quarantine health requirements for slaughter bovine to be exported from the Union of Myanmar to PR China” on 18-1-2020
- Lancang - Mekong Special Fund Project (2023) “Cooperation for establishment of Cross-border Foot and Mouth Disease Free Zone among Lancang-Mekong Countries” between China and Myanmar.
- “Enhancing the Capacity of Animal Disease Diagnostic Laboratories in Cambodia and Myanmar” between China and Myanmar



Country projects supporting safe trade facilitation

Lancang – Mekong Cooperation Special Fund Project (2021)

“Technical cooperation for Veterinary Biologic Vaccine Production among Lancang-Mekong countries for Transboundary Animals Diseases and Zoonoses”

Project Area – Yangon, Mandalay, Pyin Oo Lwin

Lancang – Mekong Cooperation Special Fund Project (2023)

“Cooperation for Establishment of Cross-border Foot and Mouth Disease Free Zone among Lancang-Mekong Countries”

Project Area - Kutkai



Key activities at the border control checkpoints specifically for FMD

Main responses implemented to rapidly control FMD outbreak

- (1) quarantine of the suspect premises,
- (2) sample submission to the laboratory
- (3) outbreak area officially defined to strictly control animal movement (Zoning)
- (4) animal check point set up
- (5) ring vaccination
- (6) outbreak investigation
- (7) cleaning and disinfection
- (8) Communication Awareness and education
- (9) surveillance



တိရစ္ဆာန် ဣန္ဒာဗျာဓိကင်းရှင်းရေးရန်

သင့်တိရစ္ဆာန်ကို ကာကွယ်ဆေးထိုးပြီးပြီလား။ နားကပ်အမှတ်အသား တပ်ပြီးပြီလား။
 Na Du Sat Hpe Kakoi Tsi Htu Ngut Sai Kun? Na Kaw Masat Masa Shakap Du Sai Kun?
 တွင်သတ်သည့် လီးထွင်းစိမ်ခြေ၊ ဝိုက်ရုံ၊ ?တီးထွင်းသတ်သည့် မီးထွင်းဝိုက်ရုံ၊ ?
 ခေခင်းကျမာက်ပဲ့ ထိုးဒဲ၊ ဟန့်ဆနာမ်း၊ ပတ်ကံဒဲ၊ ဟန့်ပလေ့တိုင် ချိုက်ကံ
 你们的动物打过以防针后佩戴耳标

မန်နေဂျာများ **ကွတ်စီင်မြို့နယ်**



Cross border trade challenges in Upper Mekong Region

Challenges	Solution
Sustainable funding	PPP (private participation), Advocate to union minister
Shortage in human resources	Participation of private vet and all sectors
Routine vaccination	Participating Community Animal Health Worker CAHW, PPP
Lack of international partner for FMD control	<ul style="list-style-type: none">• Seeking International Partners• JICA project suspension
Availability of vaccine to achieve targeted coverage	<ul style="list-style-type: none">• Limited in-country production (300,000) dose/year only• JICA project
Reluctance of Farmer to use animal Identification	Insurance system linked with animal Identification system will be conducted. Official Trade and market access (Official recognition of FMD free zone)
Maintained of FMD Free Zone , Control Zone (progressive Zoning)	Mutual recognition, Mekong-Lancang Cooperation project



Future Activities for 2024-2025

- **Progressive Zoning and Safer Trade**
- **Communication**
- **Vaccine**
 - 1 million doses vaccine plant will be encouraged to be completed (JICA Project)
- **Surveillance**
 - Active and passive surveillance, Post Vaccination Monitoring, outbreak investigation
- **Traceability**
 - movement control upgrading microchip ear tagging for official trade and border trade
- **Laboratory**
 - Capacity building, technical support from WOHAI or any donor collaboration
 - Laboratory sample transfer to reference laboratory for virus characterization





Thank you for your attention