



# Peste des petits ruminants Situation in Vietnam

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*Hanoi, 16 January 2026*

# Contents

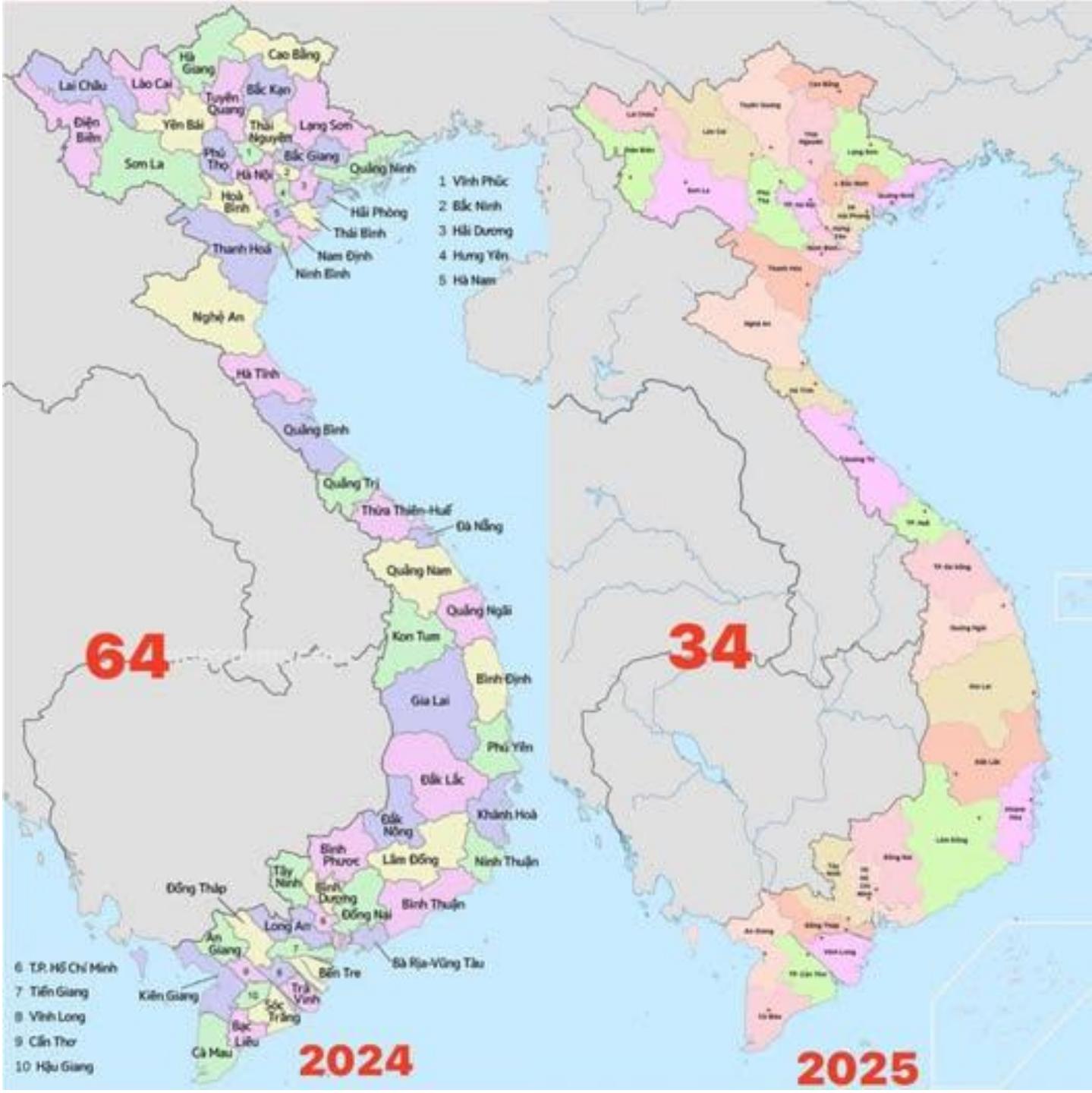
**Reforming in  
Vietnam**

**An update on the  
PPR**

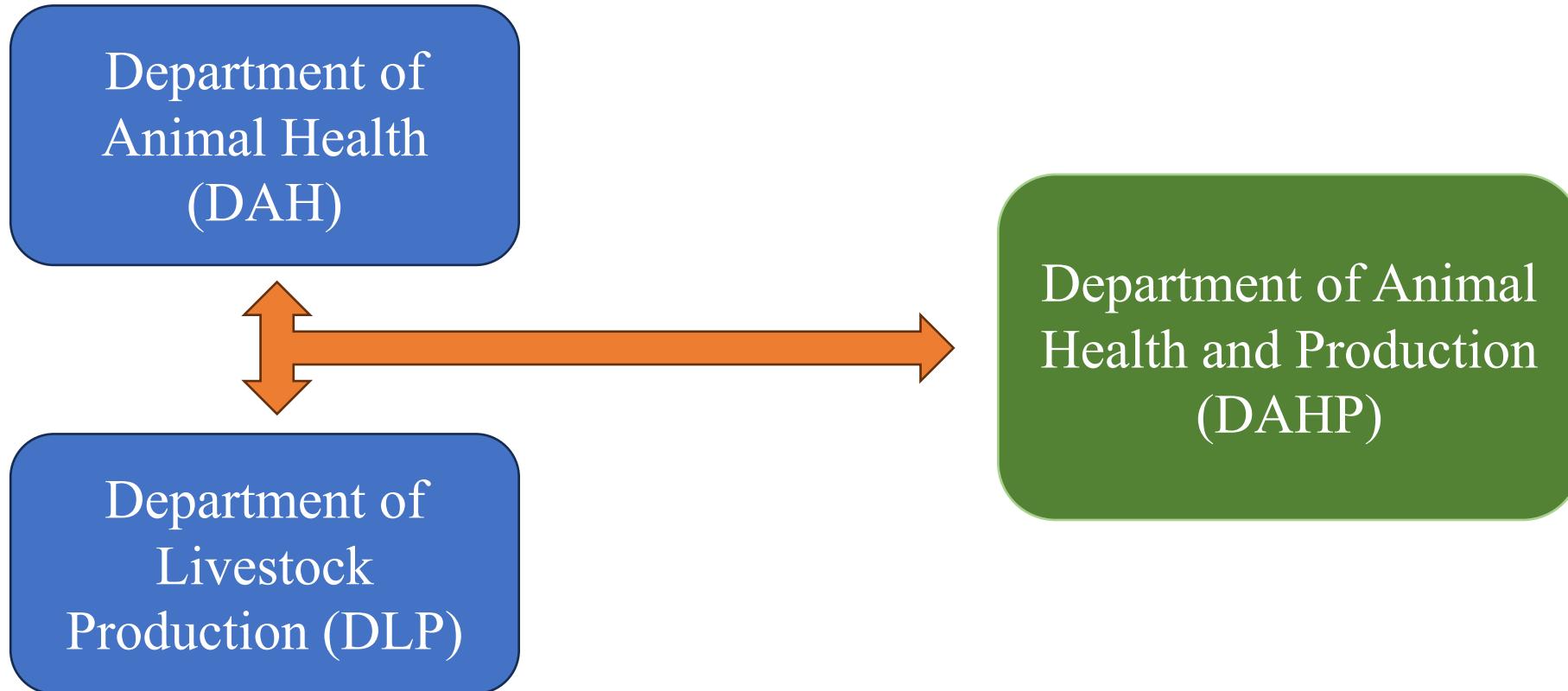
## Administrative reform

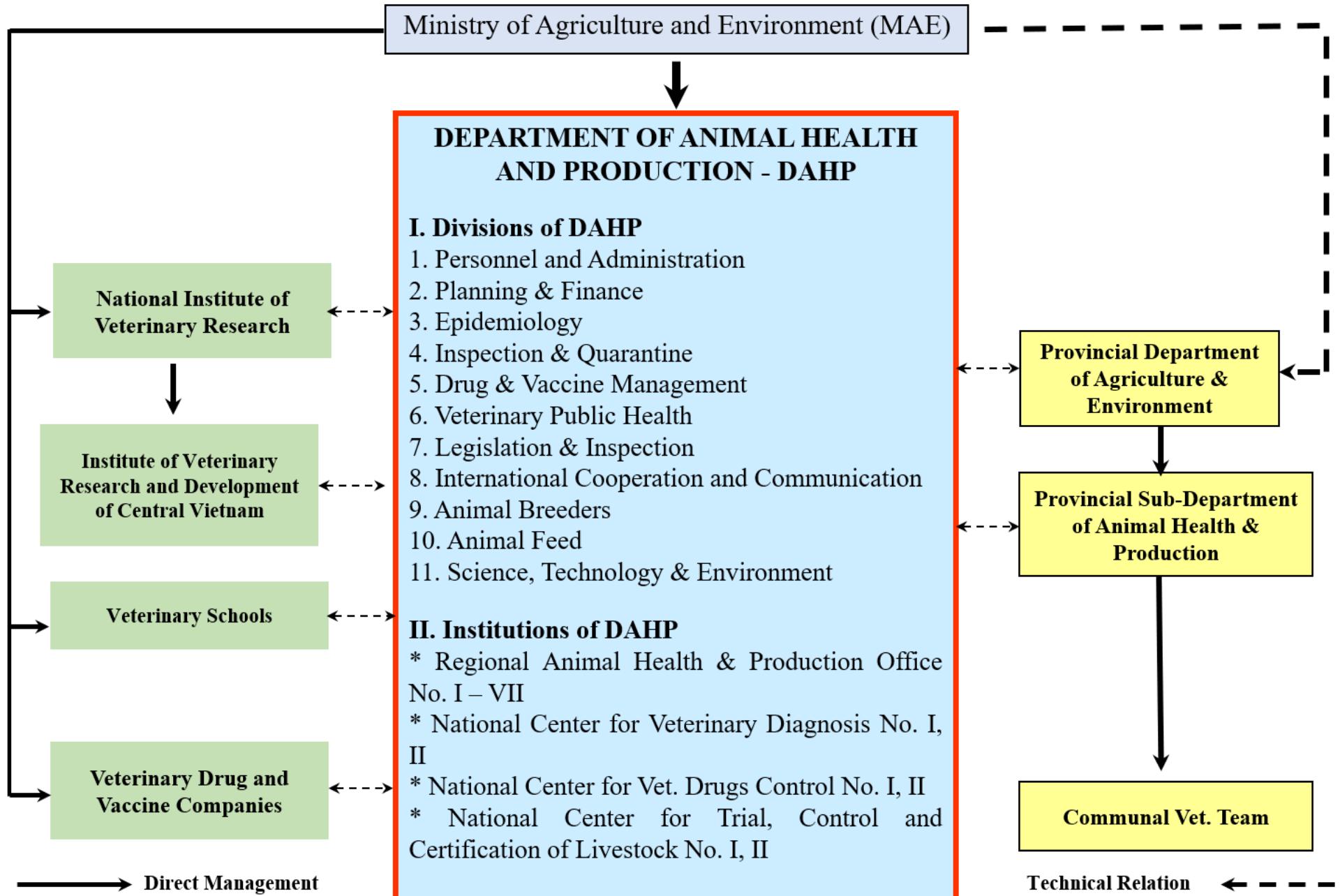
On **1 July 2025**, the consolidation & local governments of the provinces & cities was formed completely

- Provinces/cities: 64 → **34**
- Districts: 705 → **0**
- Communes: 10,542 → **3,321**



**On 1 March 2025**





# Contents

- 1. Reforming in Vietnam**
- 2. An update on the PPR**

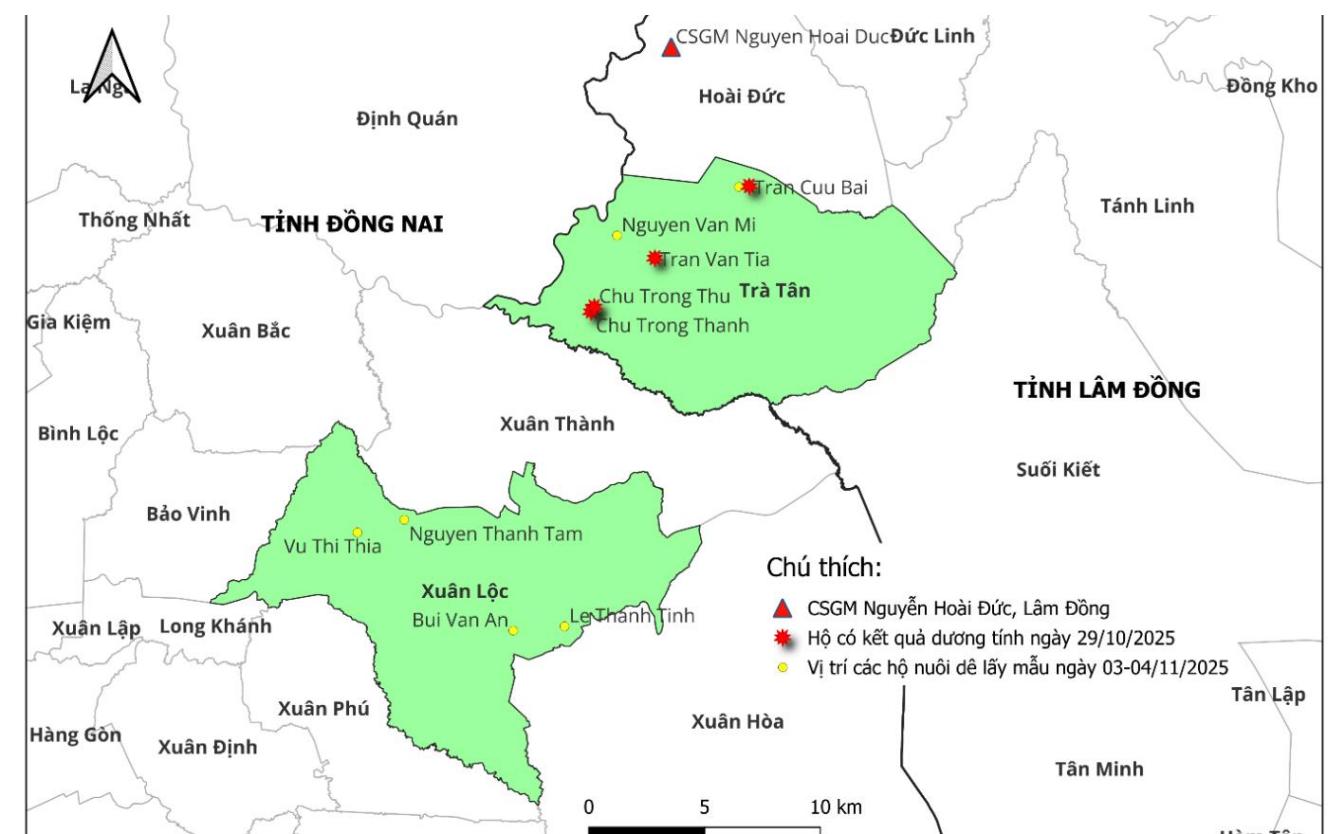
# The first cases of PPRV in Vietnam

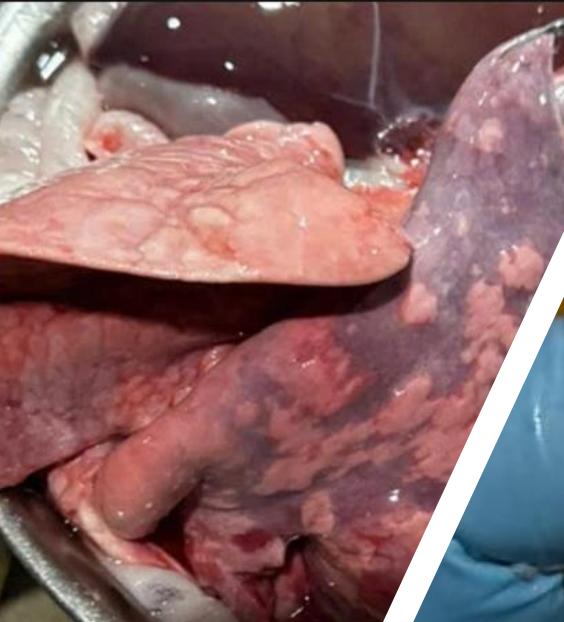
- PPR occurred in a goat farm (*indigenous breed*) in a village of Dong Tan, Tra Tan commune of Lam Dong province.
- On 1 Sep., 2025, the goat population was 140 & the farm imported 35 goats on 6 Sep. On 11 Sep., they continued to purchase 20 goats from another province.
- From **10 to 18 Oct.**, some goats developed clinical signs of diarrhea, pneumonia, nasal discharge, dyspnea, mucus in the mouth & 10 goats died.
- On 19 October 2025, the owner sent a pool of lungs, spleen and intestine to NCVD 2 in HCMC for disease diagnosis.
- On 23 October 2025, NCVD 2 provided **a positive result for PPRV** by real time RT PCR



# DAHP investigation

Epidemiological investigation was conducted in Lam Dong and a province nearby (*Dong Nai*)





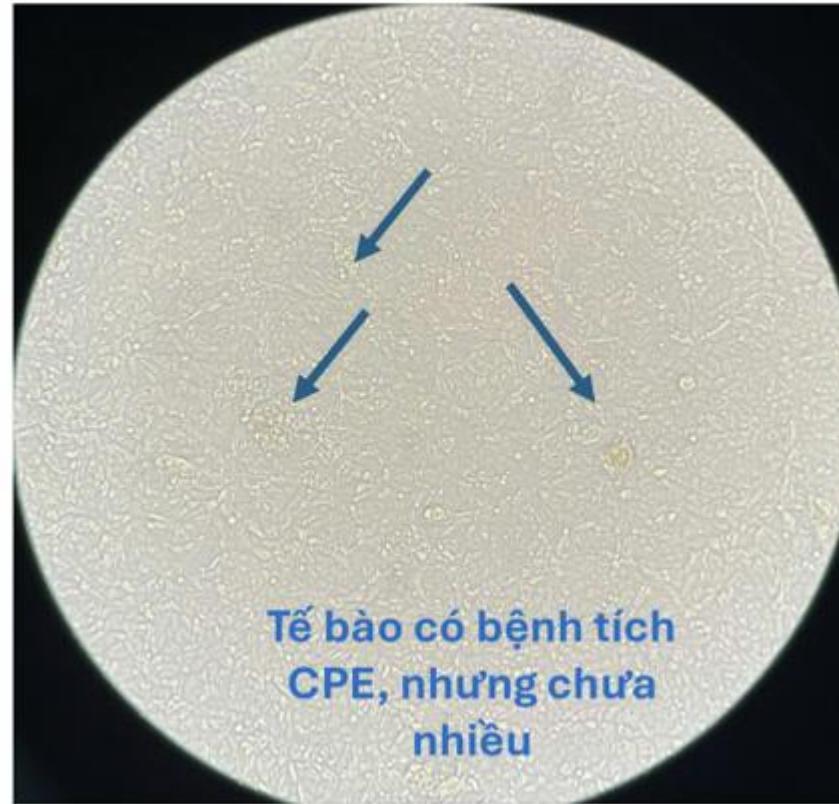
# Laboratory analysis

Samples were tested by Realtime RT PCR targeting **N-gene**

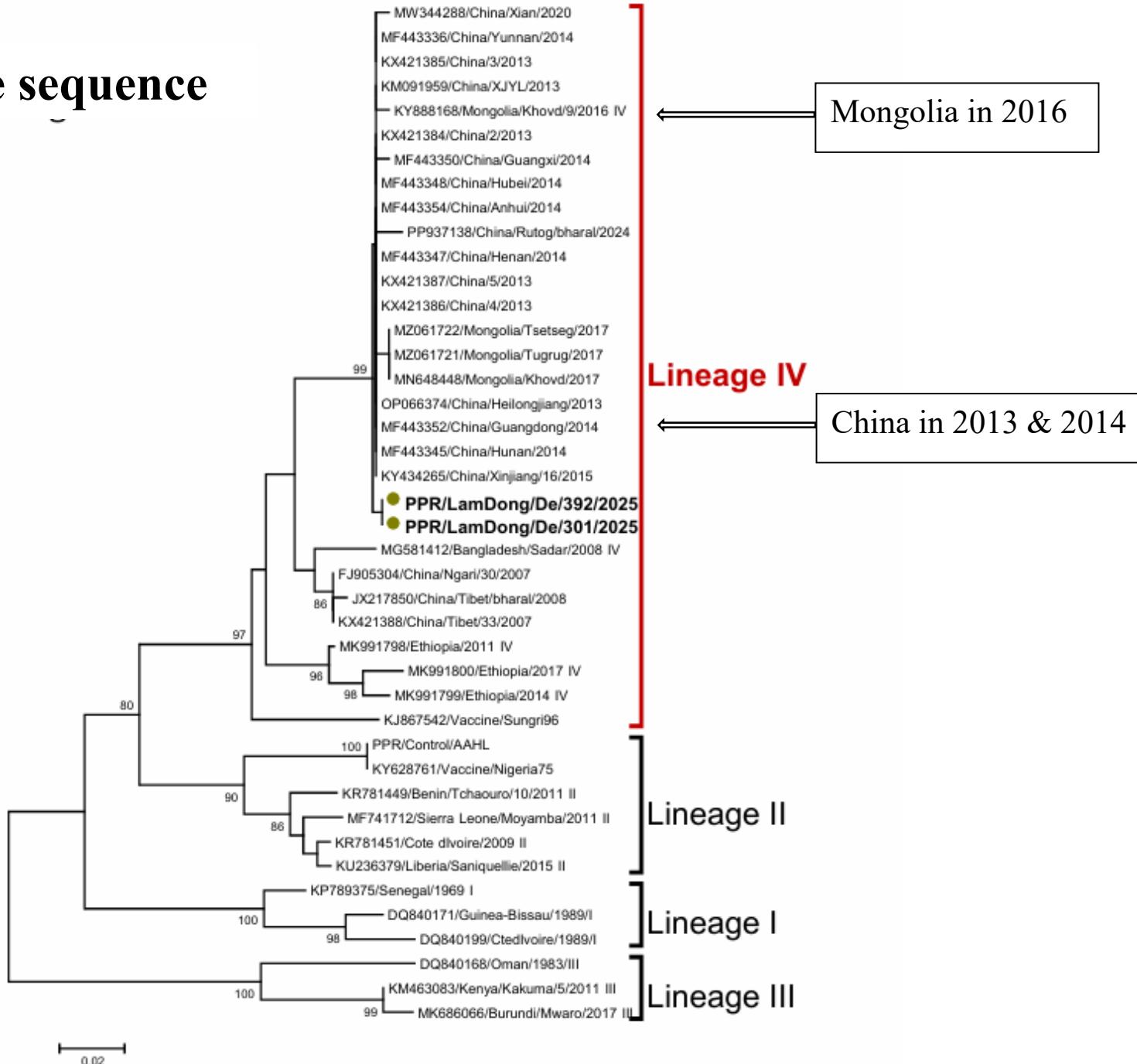
- The forward primer matched positions 483 > 508 in the N-terminus of the N gene  
*(5-AGAGTTCAATATGTTAGCCTCCAT-3)*
- The TaqMan® probe positions 551 > 576  
*(FAM-5-CACCGGAYACKGCAGCTGACTCAGAA-3-Tamra)*
- The reverse primer is located at positions 603 < 624  
*(5-TTCCCCARTCACTCTYCTTGT-3)*

# Virus isolation on VERO cell line

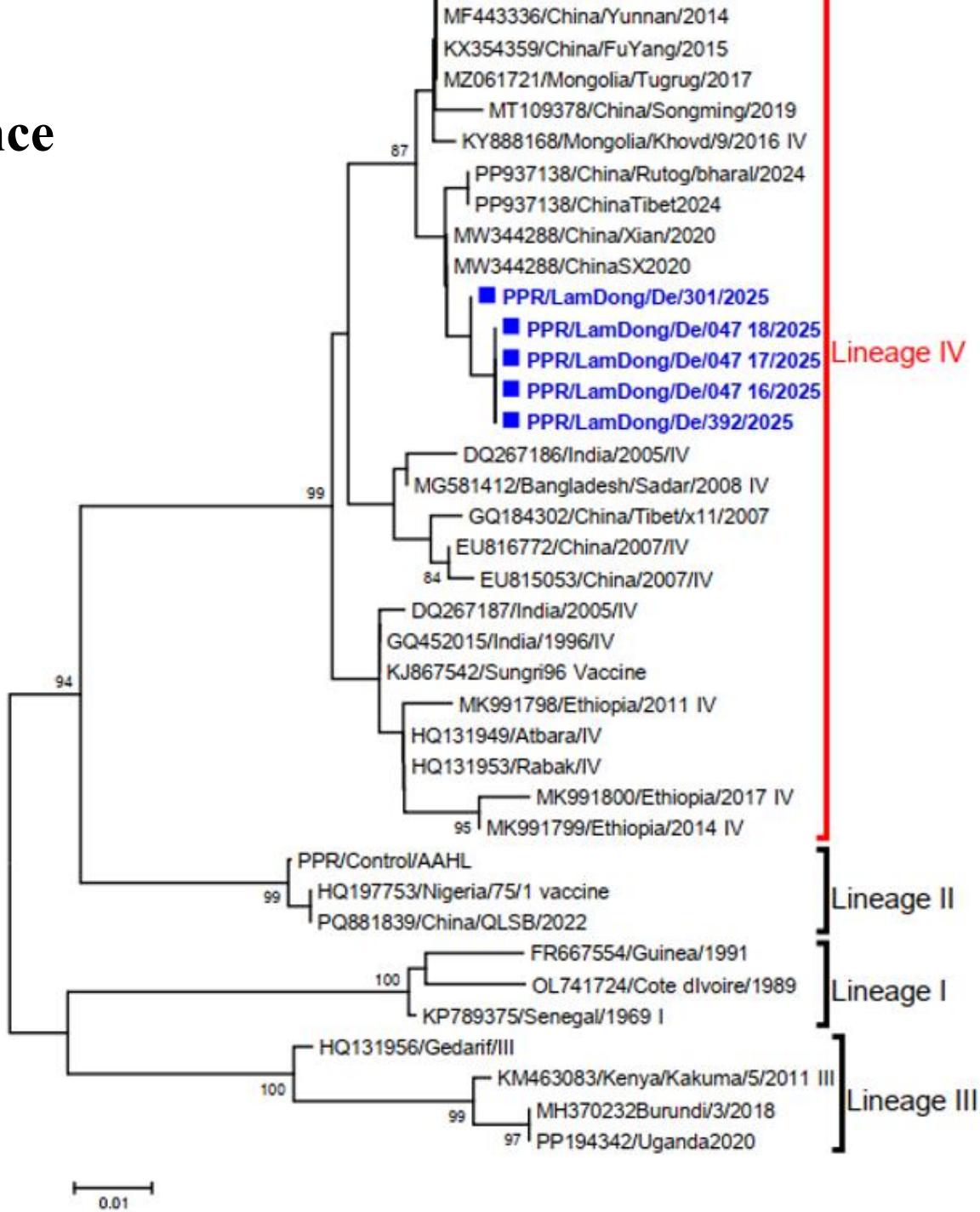
Phân lập virus PPR trên tế bào VERO



# N-gene sequence



## F-gene sequence



# A summary of PPR detected



DATE OF ONSET	PROVINCE	COMMUNE	FARM	INFECTED/CULLED
<b>10 Oct., 2025</b>	Lam Dong	1	5	303 goats
<b>19 Nov., 2025</b>	Dong Nai	1	1	5 goats
<b>12 Dec., 2025</b>	Nghe An	1	2	24 goats
<b>26 Dec., 2025</b>	Khanh Hoa	1	1	125 (85 goats & 40 sheep)

# Key control measures

- **Stamping out infected animals**
- **No animal movement within 3 km surrounding the infected farm**
- **C&D of the premise (daily in the first week and 3 times during next 2 weeks)**
- **Ring vaccination (if vaccine is available)**
- **Farm Biosecurity Practice**
- **Enhance surveillance & testing**

BỘ NÔNG NGHIỆP VÀ MÔI TRƯỜNG  
**CỤC CHĂN NUÔI VÀ THÚ Y**

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM  
**Độc lập - Tự do - Hạnh phúc**

Số: 3603 /CNTY-DT  
V/v hướng dẫn tạm thời biện pháp phòng, chống bệnh Dịch tả gia súc nhỏ loài nhai lại

Hà Nội, ngày 21 tháng 11 năm 2025

Kính gửi: Sở Nông nghiệp và Môi trường các tỉnh, thành phố trực thuộc Trung ương.

Cục Chăn nuôi và Thú y xây dựng hướng dẫn tạm thời biện pháp phòng, chống bệnh Dịch tả gia súc nhỏ loài nhai lại, cụ thể như sau:

## **I. THÔNG TIN CHUNG VỀ BỆNH DỊCH TẢ GIA SÚC NHỎ LOÀI NHAI LẠI**

### **1. Tác nhân gây bệnh và loài cảm nhiễm**

- Bệnh Dịch tả gia súc nhỏ loài nhai lại (Peste des petits ruminants - PPR) là bệnh truyền nhiễm nguy hiểm xuyên biên giới do vi rút Peste des petits ruminants, thuộc chi Morbillivirus, họ Paramyxoviridae (*họ hàng gần với vi rút sởi và Dịch tả trâu bò - Rinderpest*). Vi rút có sáu protein cấu trúc chính: N, P, L, M, F và H, và hai protein không cấu trúc (C, V). Các chủng vi rút PPR được phân thành bốn dòng

# Vaccination against PPRV

- FAO supported **60,000** doses of PPR vaccine for emergency
- Navetco company has applied for PPR vaccine import license

<b>1</b> <b>Technical Specifications:</b>	
1.1	<p><b>Name and type of vaccine:</b> Nigeria 75/1 or Sungri96 strain Freeze-dried PPR live attenuated cell culture vaccine [provide list of vaccine strains here] with sterile diluent</p> <p>Noting; a list of recommended vaccine strains are published at OIE. Terrestrial Manual, 2021 Chapter 3.8.9 Peste des Petits ruminants (infection with small ruminant morbilliviruses).</p>
1.2	<p><b>Details of vaccine:</b></p> <p>Freeze-dried PPR live attenuated cell culture vaccine, produced either from the Nigeria 75/1 or from Sungri96 strain in VERO Cell culture in accordance with the OIE minimum requirements and independently certified for quality by either the Pan-African Veterinary Vaccine Centre (PANVAC) or a laboratory acceptable to FAO for quality control of PPR Vaccine. The dose of the vaccine should be mentioned on each lot. The vaccine must be supplied with appropriate diluent.</p>

# First PPRV lineage IV confirmed in Vietnam

- Source of infection: **unknown**
- We reported to WOAH through WAHIS: <https://wahis.woah.org/#/in-review/7057>

## Risks of PPR in wild antelopes

### Mongolian Saiga PPR Virus Outbreak: WCS's response

A saiga mass mortality event is still continuing in the Great Lakes Depression of western Mongolia. According to the latest government reports it's believed that over 5,000 saigas have died since December 2016 in the Durgun steppe, Khuisiin Gobi and Sharga Gobi of Khovd and Gobi-Altai Provinces of Mongolia, bordered by the Altai Mountains and China. The most recent pre-outbreak population estimate for the Mongolian saiga, a unique subspecies, was around 10,000, so this event represents a significant loss of the population.



Thank you  
Xin cảm ơn