

# General requirements of the *Terrestrial Animal Health Code* (*Terrestrial Code*) Chapters 8.8. on FMD and 14.7. on PPR

Dr Anna-Maria Baka  
Senior Disease Status Officer

Dr Marija Popovic  
Disease Status Officer

Follow-up Regional training Workshop on WOAHP Procedures for official status recognition, endorsement of official control programmes and maintenance with regard to foot and mouth disease (FMD) and peste des petits ruminants (PPR)

25 - 27 February 2025  
Issyk Kul, Kyrgyzstan



World  
Organisation  
for Animal  
Health  
Founded as OIE

Organisation  
mondiale  
de la santé  
animale  
Fondée en tant qu'OIE

Organización  
Mundial  
de Sanidad  
Animal  
Fundada como OIE



# Outlines

Brief presentation of the WOAH *Terrestrial Code*

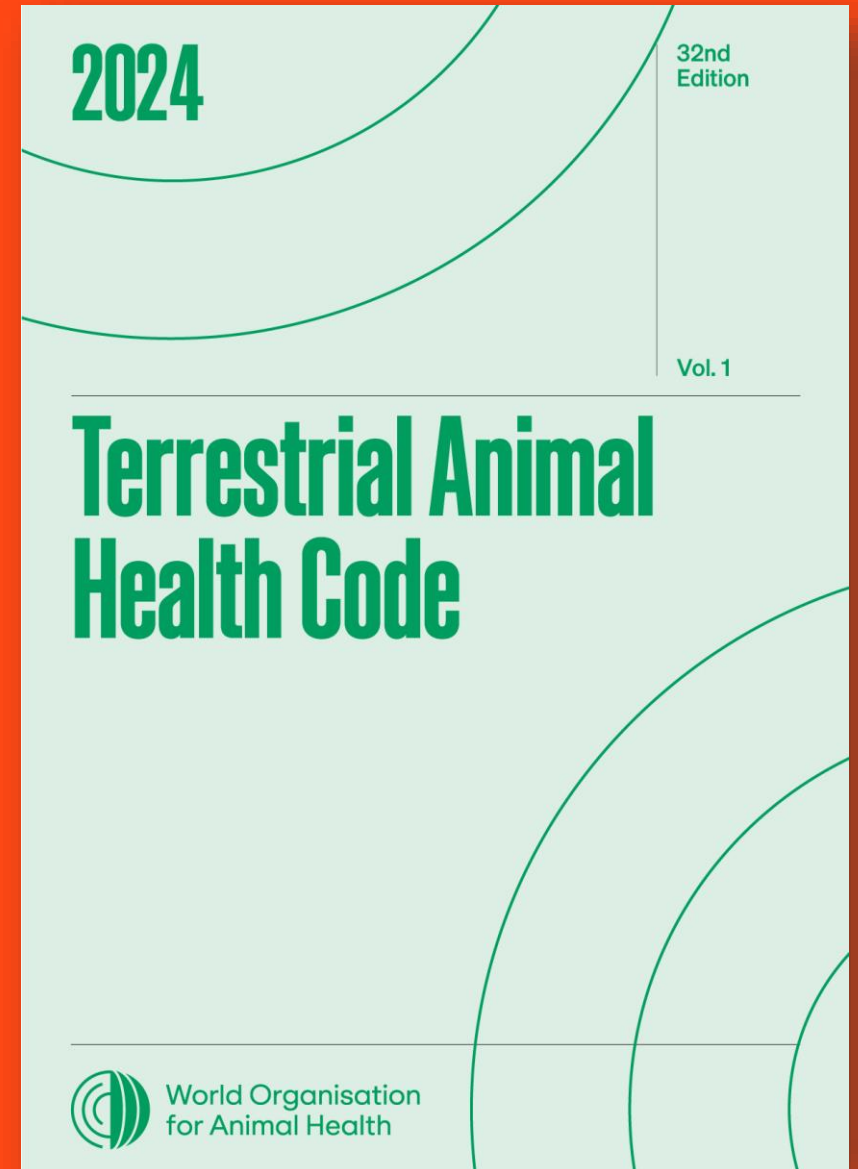
General requirements of Chapter 8.8.

General requirements of Chapter 14.7.

Common points



# Brief presentation of the WOAAH *Terrestrial Code*





## Horizontal Chapters

- Disease notification (1.1.)
- Animal health surveillance (1.4.)
- Evaluation of Veterinary Services (3.2.)
- Veterinary legislation (3.4.)
- Import risk analysis (2.1.)
- **Zoning and compartmentalisation (4.4.)**
- **Vaccination (4.18.)**
- Import/export procedures (5)

## Disease Specific Chapters

- General provisions, case definition
- Safe commodities, if any
- Criteria for disease status: country, zone or compartment
- Provisions for import of commodities
- Pathogen inactivation
- Endorsement of official control programme
- Specific disease surveillance





# General requirements of Chapter 8.8.





# Chapter 8.8. of the WOA H Terrestrial Code

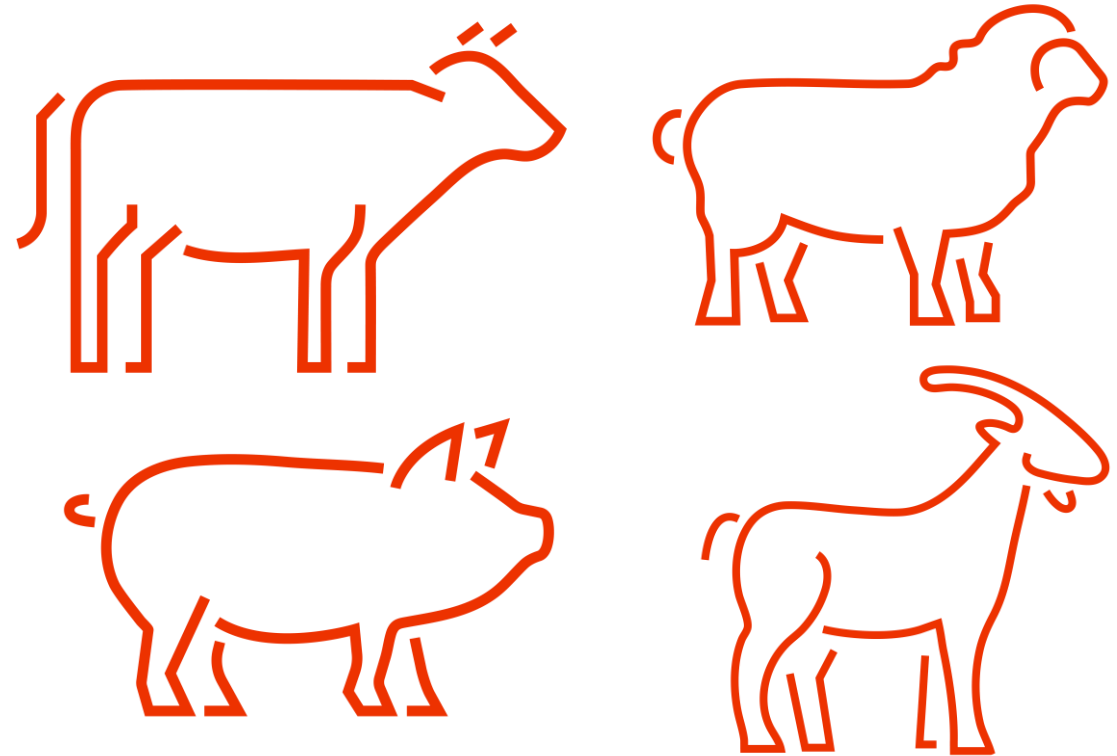
Article 8.8.1.	General provisions, including case definition
Articles 8.8.3. to 8.8.11.	Articles related to status: FMD free country/zone/compartiment containment zone/ recovery  FMD infected country or zone
Articles 8.8.13. to 8.8.33.	Recommendations for importing commodities
Articles 8.8.34. to 8.8.41.	Virus inactivation
Article 8.8.42.	Endorsement of the official control programme
Article 8.8.43. to 8.8.45.	Surveillance and interpretation of diagnostic test results

## Susceptible animals-

- animals of the family *Suidae*;
- animals of the subfamilies *bovinae*, *caprinae* and *antilopinae* of the family *Bovidae* and family *Cervidae* (hereafter 'ruminants'); and
- *Camelus bactrianus*.

## Case definition –

infection of susceptible animals with FMD Virus





**Glossary:** a commodity which can be traded without the need for risk mitigation measures specifically directed against a particular listed disease, infection or infestation and regardless of the status of the country or zone of origin for that disease, infection or infestation

### For FMD:

1. Ultra-high temperature (UHT) milk and derivatives thereof;
2. heat-treated meat products in a hermetically sealed container with a  $F_0$  value of 3 or above;
3. protein meal;
4. gelatine;
5. *in vivo* derived bovine embryos collected, processed and stored in accordance with Chapter 4.8.;
6. limed hides, pickled pelts, and semi-processed leather;
7. extruded dry pet food.



point 2. a. of Article [1.4.6.](#)

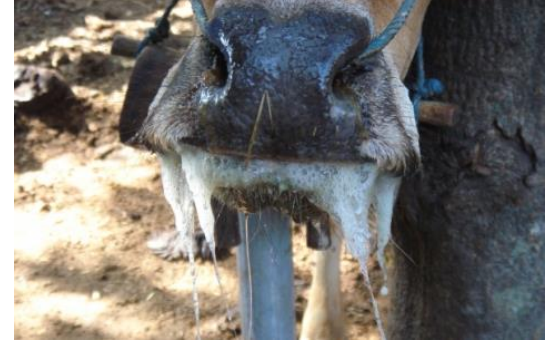
Requirements to declare a country or a zone free from an infection or infestation

1. The infection or infestation has been a [notifiable disease](#);
2. an [early warning system](#) has been in place for all relevant species;
3. measures to prevent the introduction of the infection or infestation have been in place (importations or movements of [commodities](#) in accordance with the FMD Chapter);
4. the infection or infestation is not known to be established in [wildlife](#)

## Article 8.8.3. FMD free country/zone without vaccination

For at least the past **12 months**:

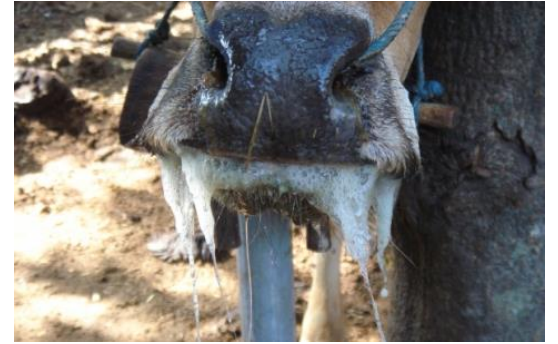
1. there has been **no case of infection** with FMDV;
2. The **Veterinary Authority** has current knowledge of, and authority over, all domestic and captive wild susceptible animals;
3. The **Veterinary Authority** has current knowledge of the distribution and habitat of wild and feral susceptible animals
4. Appropriate **surveillance** has been implemented in accordance with:
  - a. Article [1.4.6.](#) where historical freedom can be demonstrated; or
  - b. Articles [8.8.43.](#) to [8.8.45.](#) where historical freedom cannot be demonstrated;
5. measures to **prevent the introduction** of the infection have been in place (**importations or movements of commodities** according to FMD chapter);
6. **vaccination** against FMD **prohibited**.



## Article 8.8.4. FMD free country/zone with vaccination

For at least the past **12 months**:

1. there has been **no transmission** of FMDV;
2. there has been **no case of infection** with FMDV;
3. The **Veterinary Authority** has current knowledge of, and authority over, all domestic and captive wild susceptible animals;
4. The **Veterinary Authority** has current knowledge of the distribution and habitat of wild and feral susceptible animals;
5. **compulsory systematic vaccination** in the target population has been carried out to achieve adequate vaccination coverage and population immunity with **appropriate vaccine strain selection**;
6. measures to **prevent the introduction** of the infection have been in place (**importations or movements of commodities** according to FMD chapter);
7. For at least the past **24 months**:
  - **surveillance** has been implemented in accordance with Articles [8.8.43.](#) to [8.8.45.](#)



**NEW**

Recommendations for the imports of vaccinated animals to an FMD-free country/zone without vaccination (Article 8.8.14.)

From countries/zones	FMD free without vaccination	FMD free with vaccination	FMD infected
Live animals	x	x	x
Fresh & frozen semen	x	X (frozen)	X (frozen)
in vivo derived embryos of cattle	x	x	x
in vitro produced embryos of cattle	x	x	
Fresh meat	x	x	x
Meat products	x	x	x
Milk and milk products	x	x	x
Blood and meat-meals			x
Wool, hair, bristles, raw hides and skins			x
Straw and forage			x
Skins and trophies from FMD susceptible wild animals	x	x	x

- **Direct transfer within a country** of susceptible animals from an infected zone, including containment zone, for slaughter in a free zone (whether vaccination is practised or not)

- **Inactivation of FMDV in**

- meat and meat products of susceptible animals
- swill
- wool and hair
- Bristles
- raw hides and skins
- milk and milk products
- skins and trophies from susceptible animals
- casings of ruminants and pigs



**RECOMMENDATIONS**

RECOMMENDATIONS



# General requirements of Chapter 14.7.





<i>Article 14.7.1.</i>	General provisions, including case definition
<i>Article 14.7.2.</i>	Safe commodities
<i>Article 14.7.3. to 14.7.7.</i>	<b>Articles related to status: PPR free country/zone/compartiment containment zone/ recovery</b>
<i>Articles 14.7.8. to 14.7.25.</i>	Recommendations for importing commodities
<i>Articles 14.7.26.</i>	Virus inactivation in casings
<i>Article 14.7.27. to 14.7.33.</i>	Surveillance
<i>Article 14.7.34.</i>	Endorsement of the official control programme



# Article 14.7.1. : General provisions

## Susceptible animals-

Only domestic sheep and goats play a significant epidemiological role

## Case definition –

infection of sheep and goats with PPRVirus

**Occurrence of** - clinical signs

**Occurrence of** - infection







**Glossary:** a commodity which can be traded without the need for risk mitigation measures specifically directed against a particular listed disease, infection or infestation and regardless of the status of the country or zone of origin for that disease, infection or infestation

**For PPR :** Hides and skins which have been submitted to the usual chemical and mechanical processes in use in the tanning industry

point 2. a. of Article [1.4.6.](#)

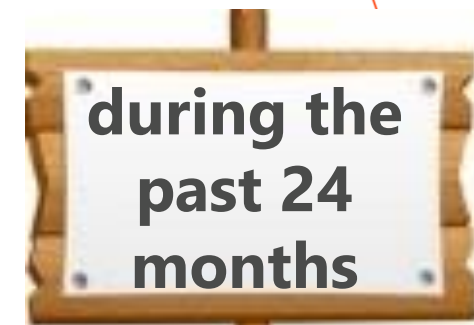
### Requirements to declare a country or a zone free from an infection or infestation

1. The infection or infestation has been a [notifiable disease](#);
2. an [early warning system](#) has been in place for all relevant species;
3. measures to prevent the introduction of the infection or infestation have been in place (importations or movements of [commodities](#) in accordance with the PPR Chapter);
4. the infection or infestation is not known to be established in [wildlife](#)

## Article 14.7.3. : PPR free country or zone

A country or zone may be considered free from PPR when for at least the past **24 months**:

1. there has been no case of infection with PPRV;
2. The **Veterinary Authority** has current knowledge of, and authority over, all domestic sheep and goats;
3. Appropriate **surveillance** has been implemented in accordance with:
  - a. Article [1.4.6.](#) where historical freedom can be demonstrated; or
  - b. Articles [14.7.27.](#) to [14.7.33.](#) where historical freedom cannot be demonstrated;
4. measures to **prevent the introduction** of the infection have been in place (**importations or movements of commodities** according to PPR chapter);
5. **no vaccination** against PPR has been carried out;
6. **no animals vaccinated against PPR** have been introduced since the cessation of vaccination.



**PPRV infection**

**Vaccination**

**Import of vaccinated animals**

point 2. b. of Article [1.4.6.](#)

**Historical freedom:** a country or zone may be considered free without formally applying a pathogen-specific surveillance programme when:

- for at least the past **10 years**
  - ✓ **no vaccination against the disease has been carried out**
  - ✓ the prerequisites listed in point a) are met
- for at least **25 years** there has been **no occurrence** of infection or infestation.



# Article 14.7.8. to 14.7.25: Trade recommendations

From countries/zones	Importation from PPR free countries or zone	Importation from countries or zones considered infected with PPRV
Domestic sheep and goats and wild ruminants	X	X
Semen of domestic sheep and goats	X	X
Embryos of domestic sheep and goats and captive wild ruminants	X	X
Fresh meat and meat products	No status considered	
Milk and milk products from sheep and goats	X	X
Meal and flour from blood, defatted bones, hooves, claws and horns from sheep and goats		X
Hooves, claws, bones and horns, hunting trophies from sheep and goats		X
Wool, hair, raw hides and skins from sheep and goats		X
Products of animal origin from sheep and goats intended for pharmaceutical or surgical use		X



## ex: Articles 14.7.10: Recommendations for importations of domestic small ruminants from PPR infected\* countries/zones

### For domestic sheep and goats

- showed **no clinical sign** suggestive of PPRV infection for at least the **21 days** prior to shipment;
- kept in a **quarantine station** for at least the **21 days** prior to shipment;
- **not vaccinated against PPR** and submitted to a **diagnostic test for PPRV** infection with negative result no more than **21 days** prior to shipment.

### \*Article 14.7.5.: PPRV infected country or zone

A country or zone shall be considered as PPRV infected when the requirements for acceptance as a PPR free country or zone are not fulfilled.



## Articles 14.7.29: Surveillance strategies

### 1. Clinical surveillance

### 2. Virological surveillance

### 3. Serological surveillance

- ✓ Targeted surveillance may be considered
- ✓ Where a population of a susceptible wildlife species may act as sentinels indicating the spill over of PPRV from domestic sheep and goats, serosurveillance data should be collected (purposive and opportunistic samplings)



**Article 8.8.42. WOAH endorsed  
official control programme for FMD**

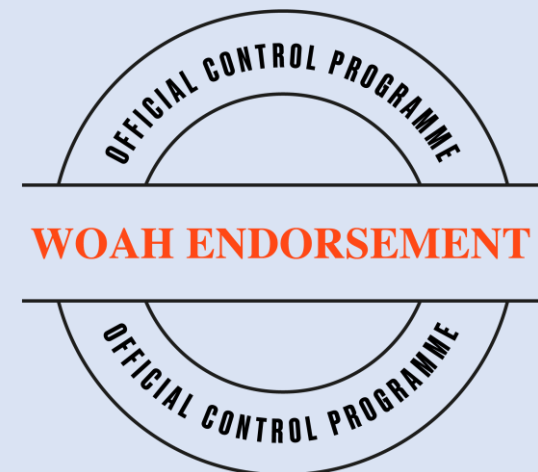
**Article 14.7.34. WOAH endorsed  
official control programme for PPR**





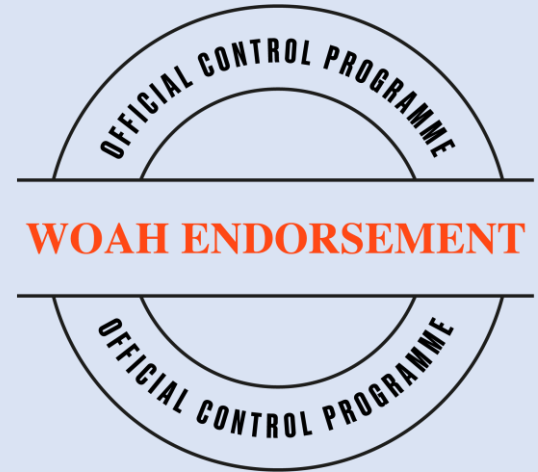


- A programme which is approved, and managed or supervised by the Veterinary Authority for the purposes of controlling a vector, pathogenic agent or disease by specific measures applied throughout country, or within a zone.
- On a **voluntary basis**, when the measures have already been implemented programme
  - **PCP-FMD:** The effectiveness of the Official Control Program plan while in Stage 3 would normally lead the country to request the OIE endorsement that, once obtained, will be the gateway to move to Stage 4 (moving towards achievement of freedom with vaccination)
  - **PPR-GCES** (FAO-OIE International Conference, Abidjan, Côte d'Ivoire, 31 March-2 April 2015):  
***“During Stage 3, countries are entitled to submit their national control programme (CP3) to the OIE for official endorsement, in accordance with the provisions of the OIE Terrestrial Animal Health Code (Chapter 1.6.).***
- Should be **applicable to the entire territory** even if on a zonal basis
- Objective for Members is to progressively improve the situation in their territories and **eventually attain free status** for PPR





- Evidence of capacity of VS
- The measures have been already implemented when the official control programme is presented for adoption
- Information on epidemiology of the disease in country
- Surveillance (including in wildlife), diagnostic capacity
- Vaccination/vaccine used in accordance with the *Terrestrial Code* and the *Terrestrial Manual*, strategy to identify vaccinated animals
- Workplan & Timeline, including the timeline for transition to the cessation of vaccination
- Performance indicators
- Monitoring, evaluation and review of the programme





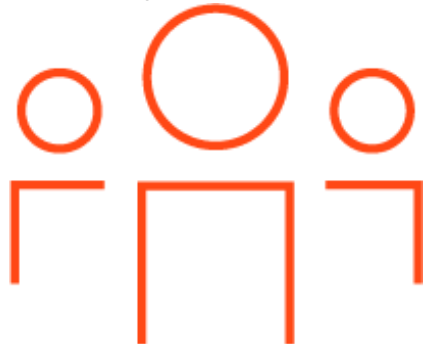
## And also

### Prerequisite to any application to WOAH

- Compliance with notification obligation (WAHIS)



- Quality of the Veterinary Services (appropriate legislation, long term and major effort, zoning and control movement, vaccination strategy...)





## Other standards relevant to both FMD and PPR

- Surveillance 1.4
- Identification and traceability of animals 4.2 & 4.3
- Chapter 4.4. Zoning and compartmentalisation
  - Different animal subpopulation;
  - Geographical basis + biosecurity measures;
  - Identification, control movements;
  - Established by the Veterinary Authority

# Thank you for your attention!

WOAH Status Department

[disease.status@woah.org](mailto:disease.status@woah.org)

---

12, rue de Prony, 75017 Paris, France  
T. +33 (0)1 44 15 19 49  
F. +33 (0)1 42 67 09 87

woah@woah.int  
www.woah.org

[Facebook](#)  
[Twitter](#)  
[Instagram](#)  
[LinkedIn](#)  
[YouTube](#)  
[Flickr](#)



World  
Organisation  
for Animal  
Health  
Founded as OIE

Organisation  
mondiale  
de la santé  
animale  
Fondée en tant qu'OIE

Organización  
Mundial  
de Sanidad  
Animal  
Fundada como OIE

