



Food and Agriculture  
Organization of the  
United Nations



World Organisation  
for Animal Health  
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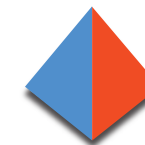
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# 1<sup>st</sup> GF-TADs Regional Conference in the European region

**EuFMD Training – developing capacity,  
ensuring preparedness and reducing risk**

**The European Commission for the Control of Foot-and-  
Mouth Disease (EuFMD)**

**Dónal Sammin, 22-25/September/2025, Belgrade, Serbia**



## GF-TADs

GLOBAL FRAMEWORK FOR THE  
PROGRESSIVE CONTROL OF  
TRANSBOUNDARY ANIMAL DISEASES

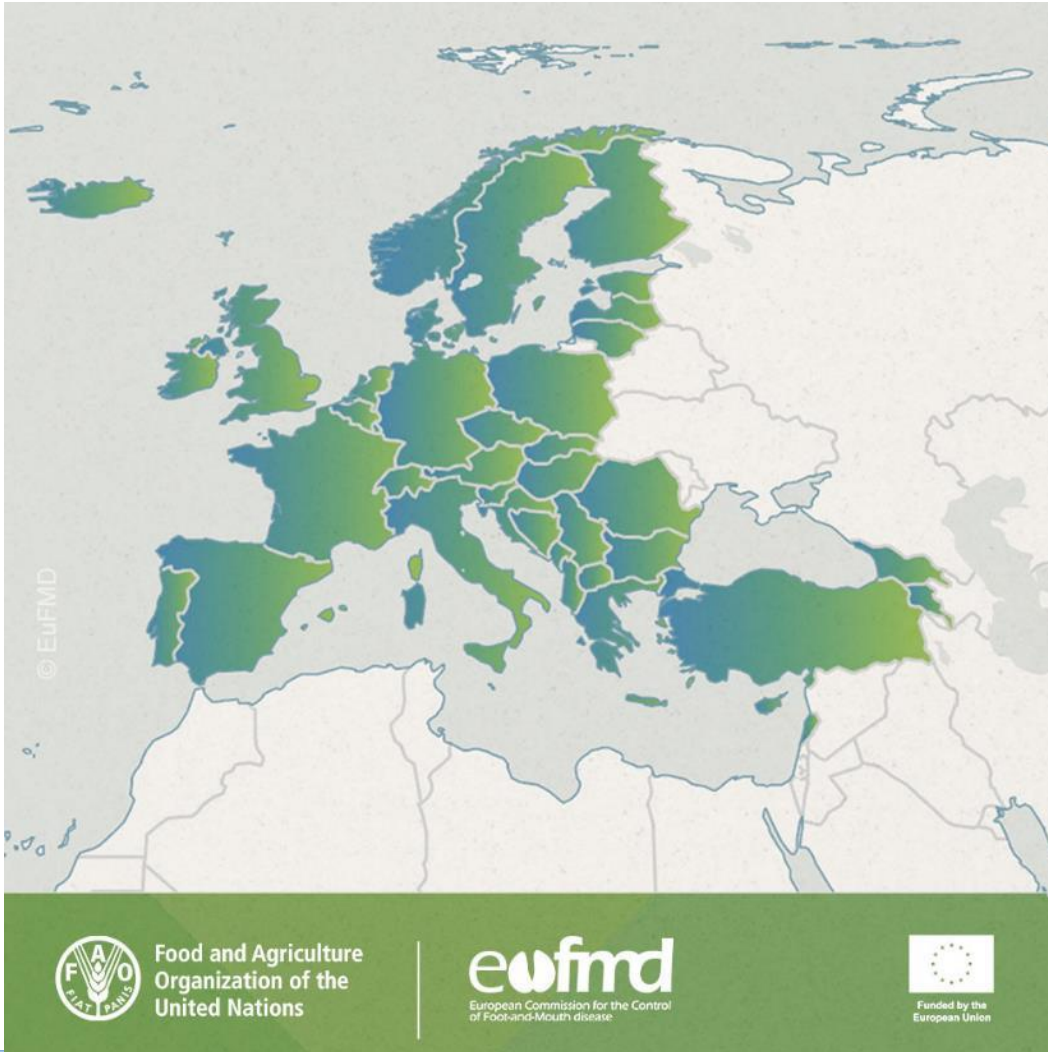


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## What is EuFMD - the European Commission for the Control of Foot-and-Mouth Disease?



A regional technical commission established under FAO in 1954

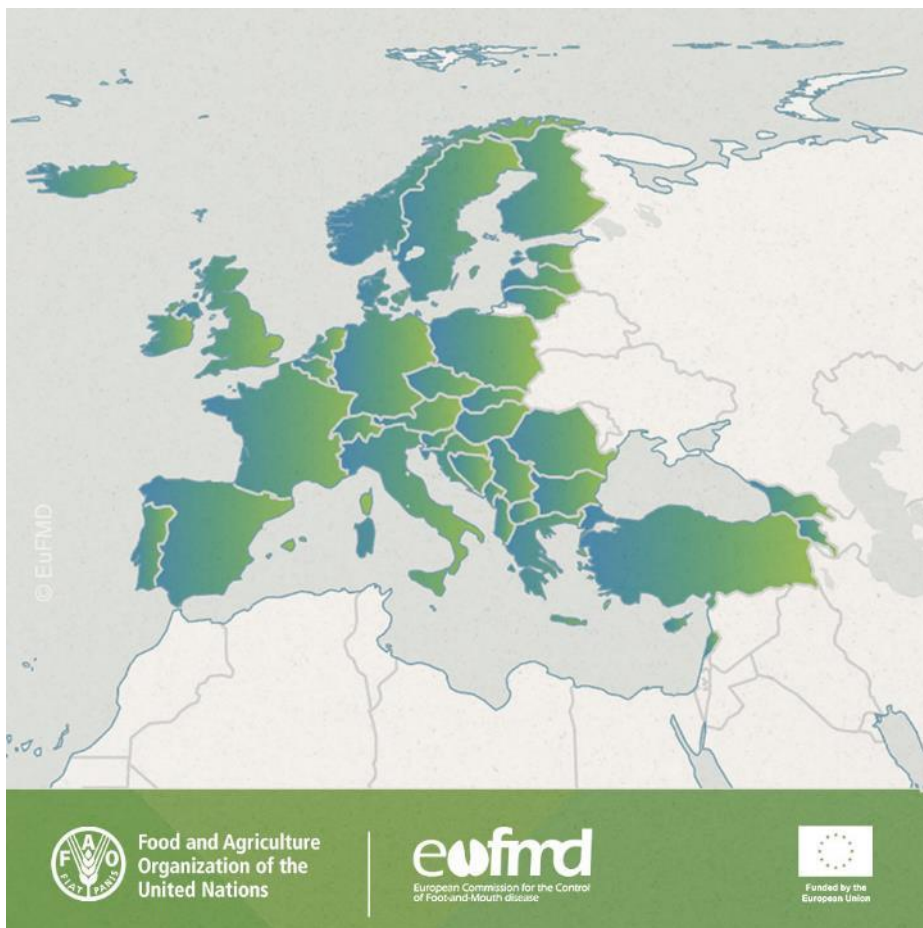
*“....core objective .....to promote national and international action with respect to preventive and control measures against foot-and-mouth disease in Europe”*

40 Member Nations

Funded by Members and the European Union

The role of EuFMD is to ensure:

(1) Emergency preparedness of its members AND (2) Risk reduction in neighbouring regions



## FAST Diseases

**FMD And Similar Transboundary animal diseases**

Lumpy Skin Disease, Sheep Pox and Goat Pox, Rift Valley Fever and Peste des Petits Ruminants



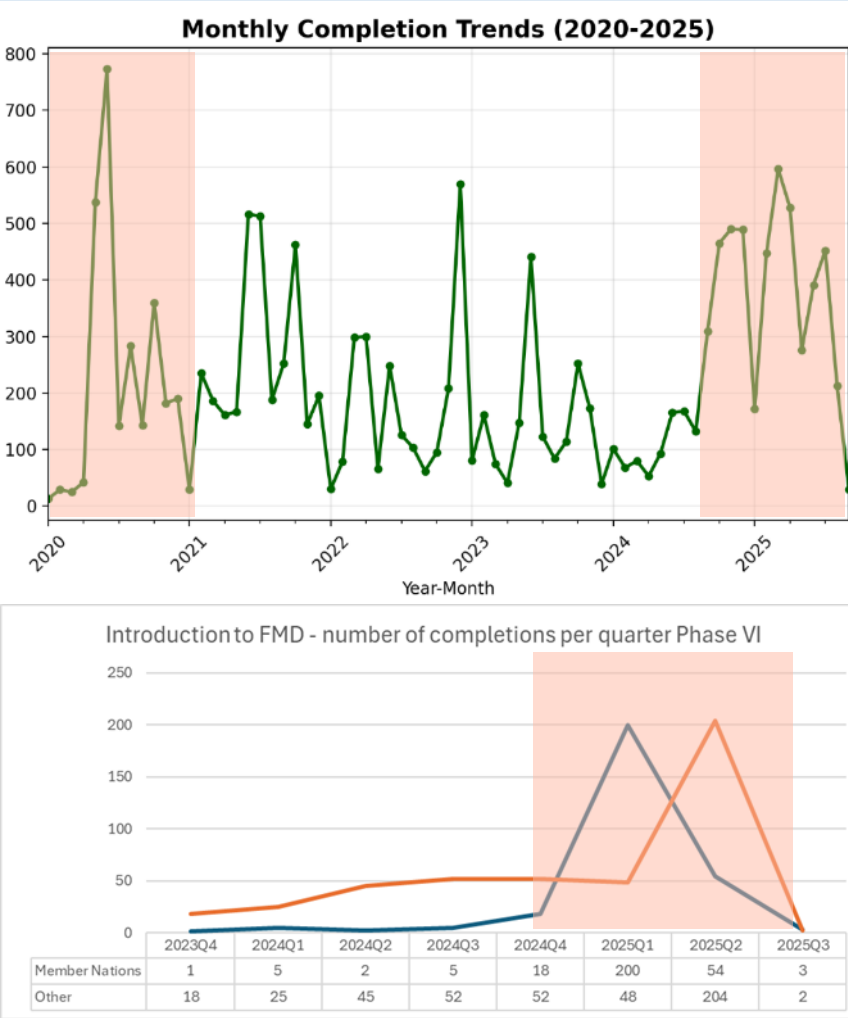
## Training Menu for EuFMD Member Nations



- Real-Time Training
- In-Country Missions
- Workshops
- Laboratory Training Courses
- Virtual learning
  - Tutored online courses
  - Non-tutored online courses
- Foundation courses

# Training for EuFMD Member Nations is demand-led

- Each member nominates a training focal point
- A training needs assessment every 2 years
- Members are allocated training credits
- Members decide on the courses that best meet their needs
- Enrolment and uptake is also determined by events



## Real-Time Training

- An intensive training course in FMD outbreak investigation
- An induction course followed by four days in an FMD-endemic country for up to 15 participants
- A combination of classroom instruction, field demonstration and hands-on activities
- Includes biosecurity considerations (on entering and leaving infected premises), clinical recognition of FMD, ageing of lesions, sample collection, and follow-up epidemiological investigation

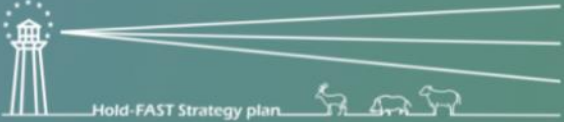




# Face-to-face workshops and residential laboratory training courses




# Virtual learning – tutored and non-tutored courses



Hold-FAST Strategy plan


## Welcome to EuFMD Virtual Learning


This platform hosts a wide variety of training courses that support the control of Foot-And-mouth and Similar Transboundary animal diseases (FAST).



Introduction to foot-and-mouth disease


Virtual learning course on foot-and-mouth disease (FMD), which provides an overview of FMD recognition in countries that are free of the disease or in which it is endemic.


English | Français | Deutsch | 



Introduction to Lumpy Skin Disease


A short open-access module has been made available to outline this rapidly emerging threat.


English | Français | 



Introduction to Rift Valley Fever


This course aims to build your understanding of Rift Valley fever diagnosis, surveillance, prevention and control.


English | 



Introduction to sheep pox and goat pox

This course aims to provide an overview of sheep pox and goat pox, recognise or suspect the disease in the field, identify the relevant samples to be collected and the relevant control measures.


English | 




Protect, Control, Respond

Ask the experts' webinars 2025


These one-hour webinars provide an overview about a range of topics that help you enhance your skills in Biosecurity, Bioterrorism and Lumpy skin disease preparation.

Access the webinars | 



Study an open access course

Click to explore the full catalogue of open access courses offered in multiple languages, covering topics such as Programme Control Pathway, FMD Monitoring, Disease Management Standards, Biosecurity for FMD and Simulation Exercises for Animal Disease Emergencies.


Open access courses | 




Lesson 1 - Significance: How important is FMD?

### First message

Your phone beeps indicating you have received a text message. You open it up and read the message.



Click on the face above to read the message



Hello! This is Adam. Your colleague from the field. I am out at a cattle farm.

The producer thinks the cattle must have eaten some chemicals, because they are drooling and have wounds on their lips. I am worried whether this could be something more serious.

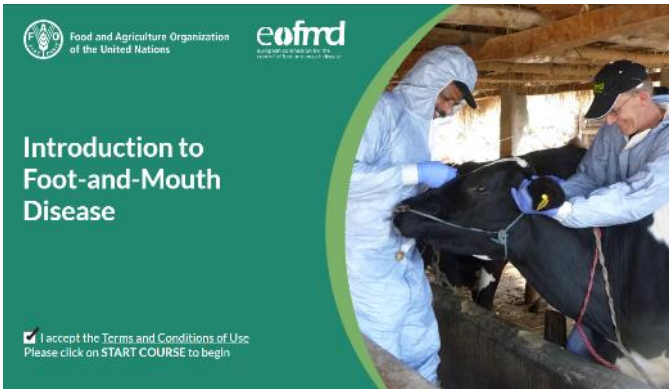
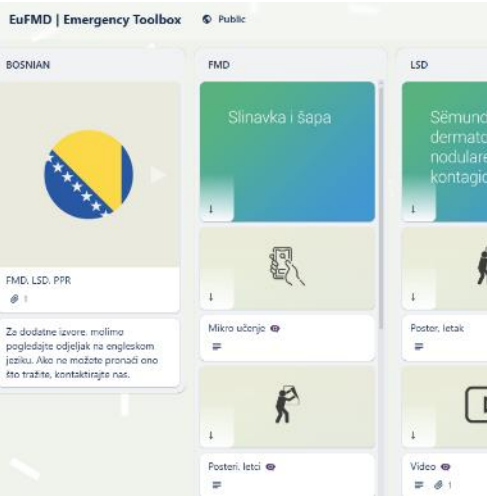
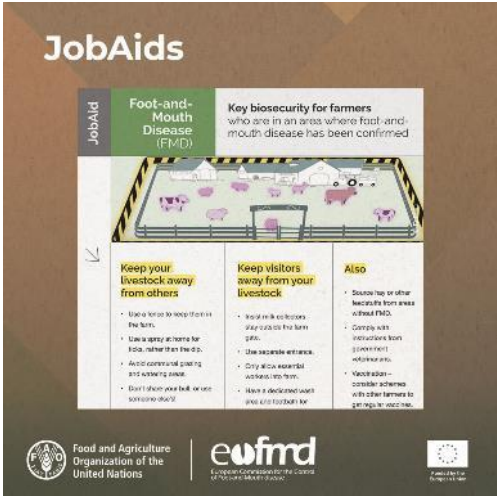
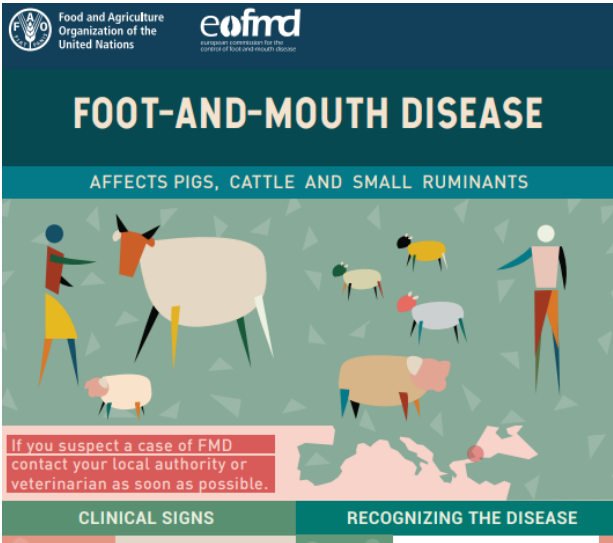
It might even be FMD, but it has been a while since we have seen it here. Would your mind coming out and taking a look for yourself?

Respond to Adam





# Foundation courses and microlearning

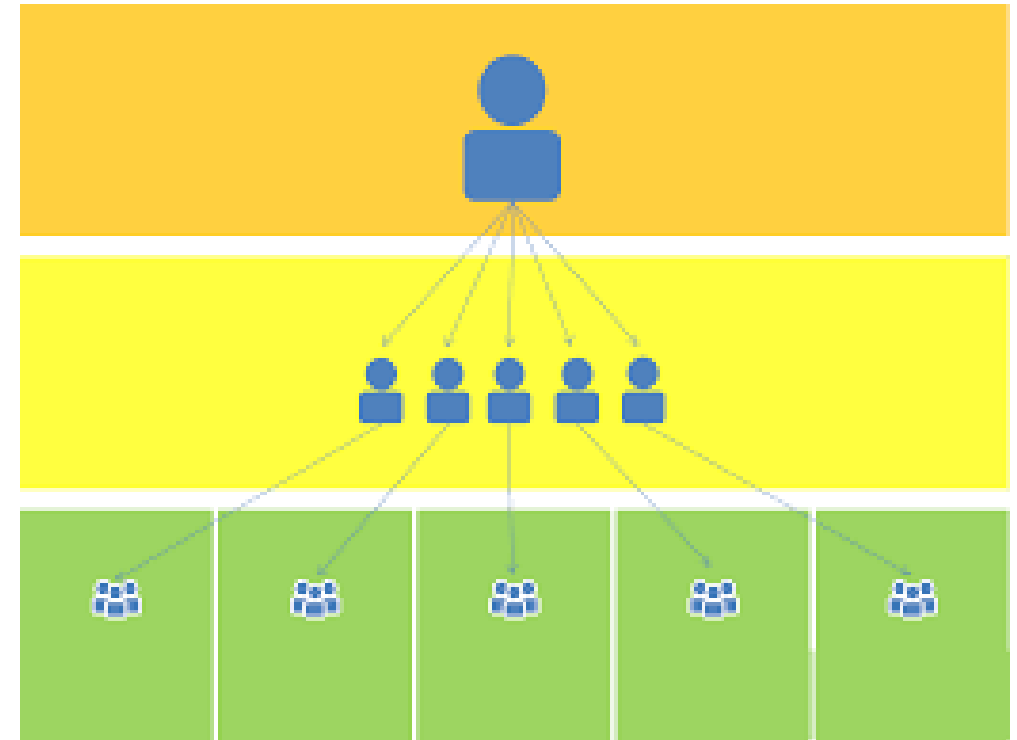


## Cascading newly-acquired knowledge for greater impact

**Cascading** = to pass on information by giving it to just a few people, who then give it to more people; to be passed on in this way

→ a multi-level teaching and training method

→ encouraged and supported for all resource-intensive training courses offered by EuFMD



## Tailoring training courses to meet local needs






Making training more accessible

→ translation of resources into local languages




Adapting training to local contexts

**KISKÉRŐDZŐK PESTISE**  
GLOBÁLIS MENTESÍTÉSI PROGRAM

Ha PPR-esetel gyanít, a lehető leghamarabb forduljon a hatósági vagy a szolgáltató állatorvoshoz

A KLINIKAI JELEK	LEJÖVŐ TUDÁSÁBAN	A BETEGSÉG FELISMERÉSE
Köhögés	 <p>A kiskérődzők pestise a juhok és kecskákra érinti.</p> <p>Hirtelen elhullás, különösen kecskákéknál.</p>	Villadék a szemből, az ornyukából és a szájból, kezdetben vékony és tisztá, később sűrűvé és sárgássá válik.
Levertség		
Hasmenés		
Légzési nehézség		
Száraz, repedezett pota és ornyukak		
Villadék a szemből és az ornyukából		A szájból sebek láthatók és az állat nem eszik.
Láz		

**KISKÉRŐDZŐK PESTISE, HOGYAN TERJED?**

KÖZVETLEN KAPCSOLAT AZ ÁLLATOKKAL	MECHANIKAI ÁTVITEL	AZ EMBEREK SZEREPE
 <p>A legfontosabb fertőzési út az állatokkal való közvetlen érintkezés és a belélegzés. A vírus az orr- és szemváladékokkal, vizelettel és széklettel ürül.</p>	 <p>Egy másik fertőzési út a ragályfogó tárgyakon, például lábbeliken, ruházon, állatorvosi műszereken vagy járműveken található vírusrészekkel mechanikai átvitel. A vírus azonban nem marad meg sokáig a környezetben.</p>	 <p>Az emberek nem fertőződhetnek meg a betegségtől, de fontos szerepet játszanak a betegség terjesztésében. Az olyan helyek, mint például az állattartó piacok elősegíthetik a betegség terjedését.</p>

Az Európai Unió támogatásával



Στη στεφάνη  
=< 1 εβδομάδα.

Αν η αλλοίωση δεν  
βρίσκεται στη στεφάνη  
= μπορεί να γίνει  
εκτίμηση με βάση την  
απόσταση ανάμεσα  
στην αλλοίωση και στη  
στεφάνη.

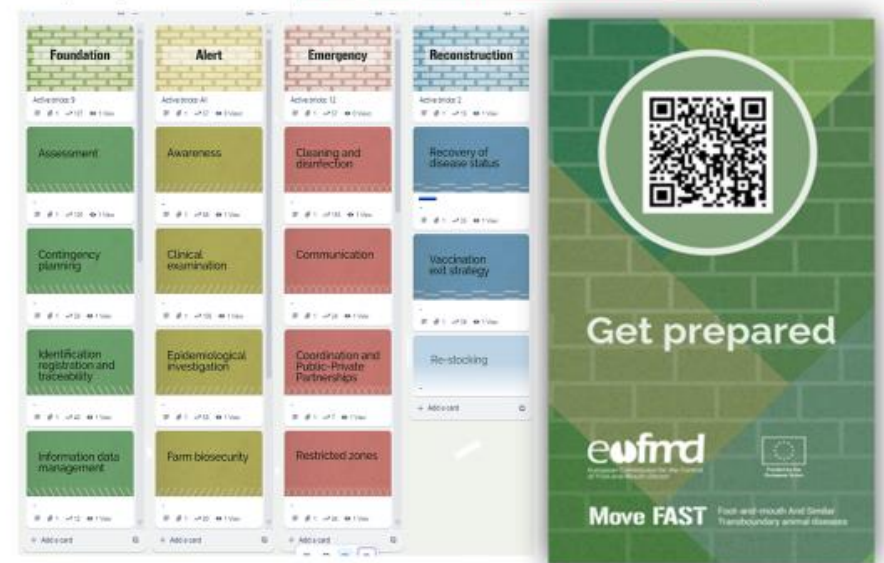



# Open-access online resources

Emergency toolbox: [EuFMD | Emergency Toolbox | Trello](#)




Get prepared wall: [Get prepared. The wall | Trello](#)





Food and Agriculture Organization of the United Nations




eu fmd  
European Union for the Control of Foot-and-mouth disease

**JobAid**

**Foot-and-Mouth Disease (FMD)**

Key biosecurity for farmers who are in an area where foot-and-mouth disease has been confirmed



**Keep your livestock away from others**

- Use a fence to keep them in the farm.
- Use a spray at home for ticks, rather than the dip.
- Avoid communal grazing and watering areas.
- Don't share your bull, or use someone else's!
- Avoid buying and selling livestock – if you buy animals, keep them separate from your livestock for 14 days.

**Keep visitors away from your livestock**


- Insist milk collectors stay outside the farm gate.
- Use separate entrances.
- Only allow essential workers into farm.
- Have a dedicated wash area and footbath for entering animal areas (e.g. 4% dense soda ash sodium carbonate) and change if dirty.
- Insist a vet/AMA cleans and disinfects before coming onto the farm.


**Also**

- Source hay or other feedstuffs from areas without FMD.
- Comply with instructions from government veterinarians.
- Vaccination – consider schemes with other farmers to get regular vaccinated.

[fao.org/eufmd](#) [eufmdlearningworks](#) [EuFMD activities and tools](#) [eufmd@fao.org](#)

**Move FAST**  
Foot-and-mouth And Similar transboundary animal diseases

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 Funded by the European Union

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CD1732EN/1/07.24

# Decision Support Tools

## The Risk Monitoring Tool for FAST diseases (RMT-FAST)

- A **semi-quantitative** generic risk assessment framework developed by EuFMD (spreadsheet and web application)
- Aim: **rank the risk of introduction** of FAST diseases in MNs (or any interested country) from European Neighbourhood.

### Premise

Risk of entry of a new pathogen is proportional to:

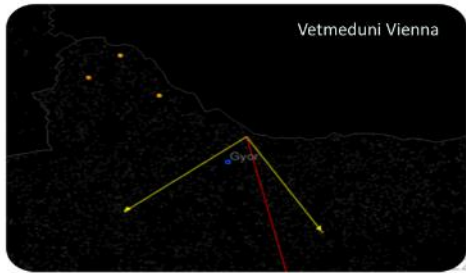
- The **epidemiological situation** in the source country
  - Occurrence of the disease
  - Control measures implemented
- The **strength of connection** between the source country and the target country
  - Different types of connection: Geographical proximity, trade...
  - Connections contribute to one or more spread pathways
- **Effectiveness of each pathway**



## European FMD spread model (EuFMDiS)

### Use of the EuFMDiS

- Better understanding potential outbreak scenarios and disease spread dynamics
- Assessing the potential impact of an outbreak
- Evaluation and optimization of control strategies
- Assessing resources needs
- Use for training purposes and simulation exercises.



### EuFMDiS Modelling Centre

Established in 2024 to support the integration of the model into country contingency planning processes.

# Communities of Practice (peer-to-peer learning)

EuFMD organizes Communities of Practice (CoPs) on

- Biorisk; and
- Emergency preparedness

CoPs are networks which promote the sharing of knowledge between practitioners working on a specific subject matter, through meetings and workshops.

## The European Commission for the Control of Foot-and-Mouth Disease (EuFMD)



<a href="#">Home</a>	<a href="#">Who we are</a>	<a href="#">Global situation</a>	<a href="#">What we do</a>	<a href="#">Progressive Learning Pathway</a>	<a href="#">Meetings and Events</a>	<a href="#">Tools</a>	<a href="#">Resources</a>
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<a href="#">Foot-and-mouth disease</a>
<a href="#">FAST diseases</a>
<a href="#">Global FMD surveillance</a>
<a href="#">Global FMD control strategy</a>
<a href="#">Minimum Biorisk Management Standards FMDv</a>

- [The four-tier classification system](#)
- [History of the MBRMS](#)
- [Tiers C and D Biorisk Communities of Practice](#)

### Tiers C and D Biorisk Communities of Practice

In 2022, the EuFMD constitution was amended with new obligations for Member Nations, including the obligation to apply the MBRMS. To assist Member Nations with this, the EuFMD, working with the SCBRM, agreed to establish biorisk communities of practice for Tiers C and D to facilitate access to advice and information on implementation of and adherence to the MBRMS. Additionally, a need was identified for better communication and opportunities for networking between biorisk officers (BROs) of the different Tier C and D laboratories, promoting the sharing of information, biorisk-related issues, and best practices.

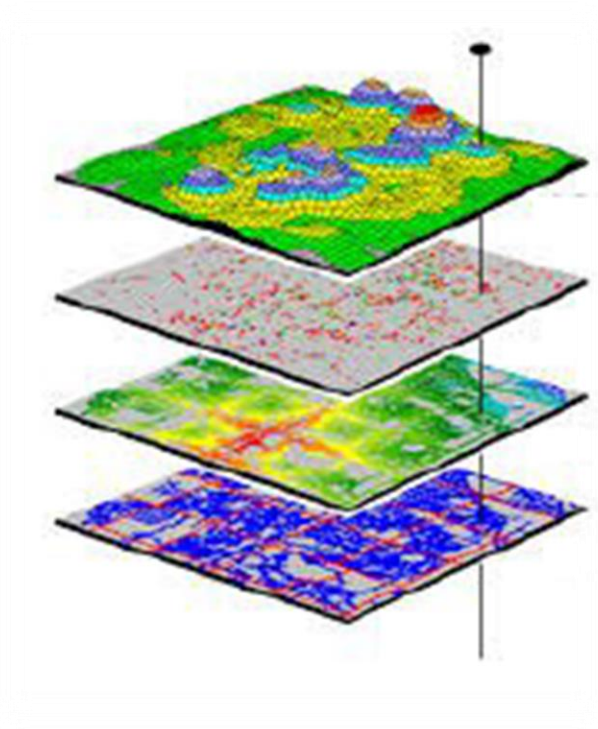
For Tier C laboratories, the aim of the Community of Practice (CoP) is to improve knowledge and networking, facilitated through workshops and virtual meetings across the network. By increasing communication between Tier C facilities, an increase in the awareness of the MBRMS for this Tier and better equivalence in meeting these requirements is envisioned. As members of FMD Tier C CoP, BROs will keep updated and the importance of being prepared for FMDV will remain in their sphere of focus. The workshops will not only provide education and information on the MBRMS requirements but also directly facilitate networking and exchanges between BROs from different Tier C laboratories.

For Tier D laboratories, the CoP offers a system of laboratory assessments to foster understanding and implementation of the MBRMS, directly involving all facilities and facilitating networking and knowledge exchange. Overall, this will enhance the biorisk management standards of laboratories and animal facilities handling infectious FMDV in FMD-free countries in the European area. It is not the aim to replicate a comprehensive auditing system for facilities, nor is the scope of the visits any



## Capacity development in countries neighbouring Europe

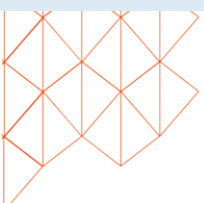
### Risk Mapping Workshops



### Risk Information Sharing Platforms



# Supporting the Progressive Control Pathway for FMD – the PCP-FMD toolkit



## Responding to FMD and LSD outbreaks in Europe in 2025

### Weekly webinars on FMD preparedness 28January-18March

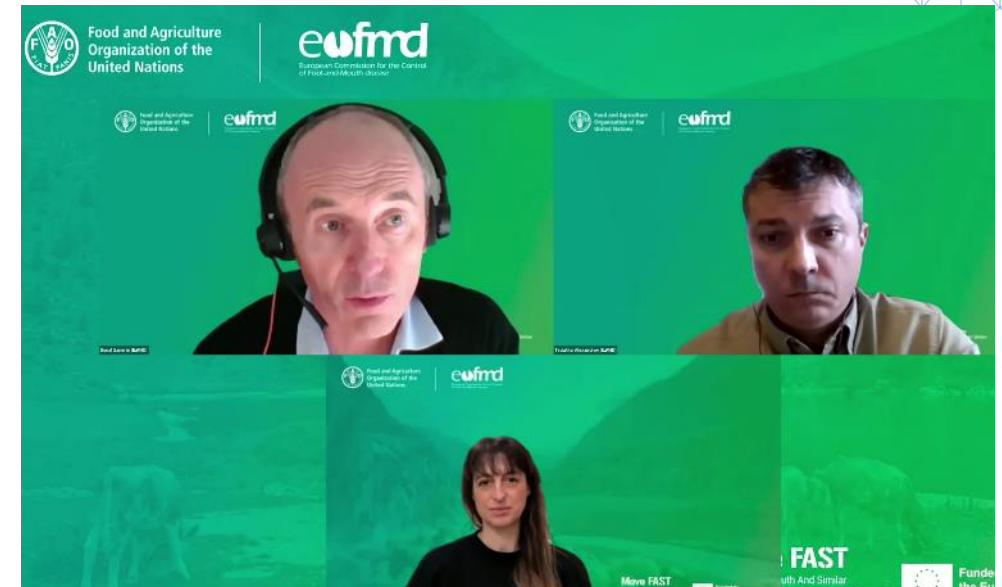
- Clinical recognition of FMD and other considerations
- Ageing of lesions and collection of samples
- The Global FMD situation and risk in the European neighborhood
- Epidemiological investigation – Interpreting laboratory test results and the results of lesion ageing to trace the source and spread of the virus
- Surveillance to detect disease or to substantiate disease-freedom
- Vaccines and vaccination – vaccine matching and selection; vaccination strategy
- Post-vaccination – monitoring and regaining disease freedom
- Field and laboratory investigation of FMD in Germany

### Biosecurity webinars 20May & 10June

- Risk perception, communication and behavioral change
- Fostering effective biosecurity for FMD and similar TADs

### LSD Webinar, 17July

- Lumpy skin disease in Europe - emergency preparedness and response

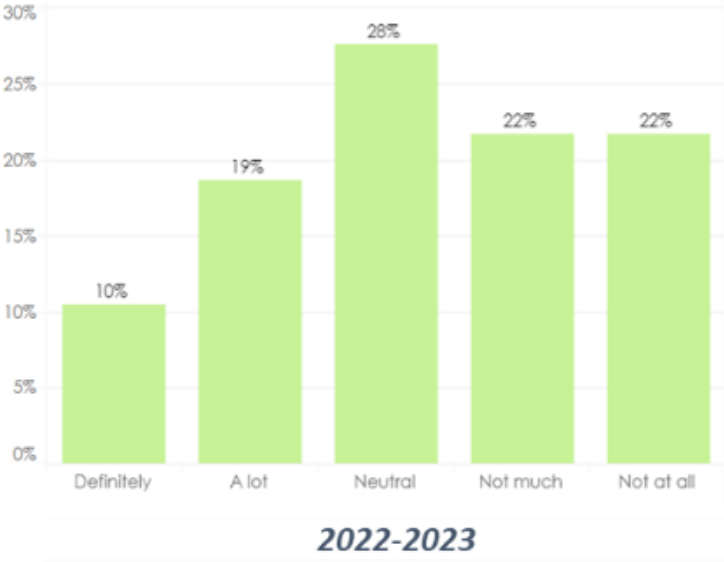
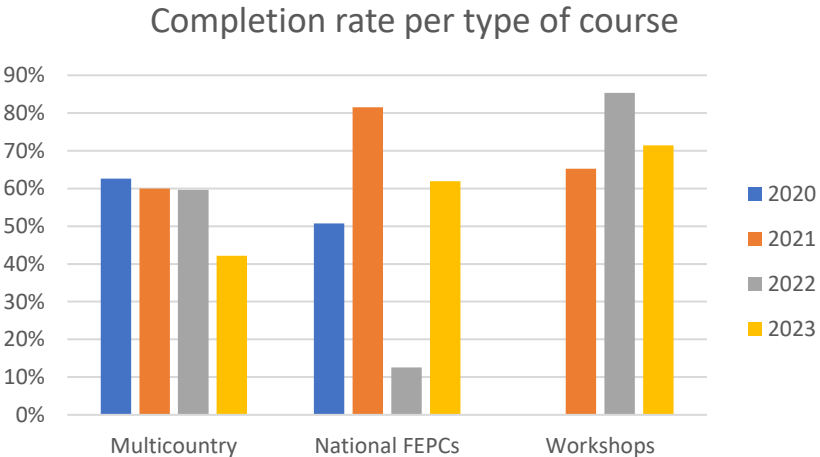


### Technical Working Groups 15April AM & PM

1. Analyzing possible scenarios and cost benefits
2. Understanding transmission pathways



# Measuring outputs and outcomes - the benefits and impact of training



## The future direction of EuFMD training

Member Nations' capacity development needs

Evolving FAST disease threats

Application of new technologies and practices

How to measure and improve outcomes?





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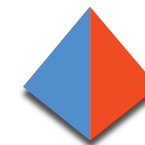
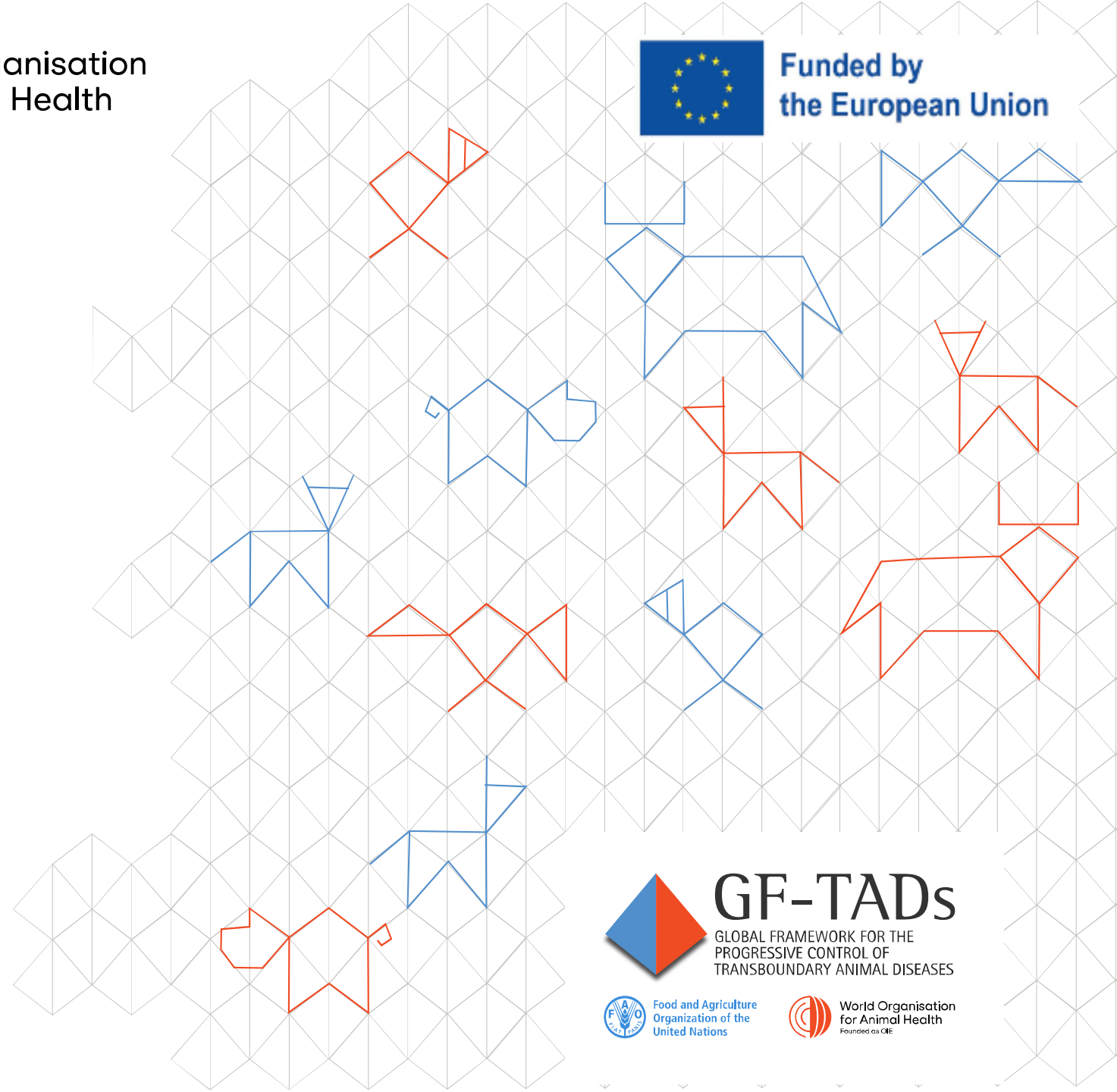


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THANK YOU



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