



Foot and Mouth Disease (FMD) in the EU

COSALFA 04 April 2025

*DG SANTE – G2 Animal Health
European Commission*

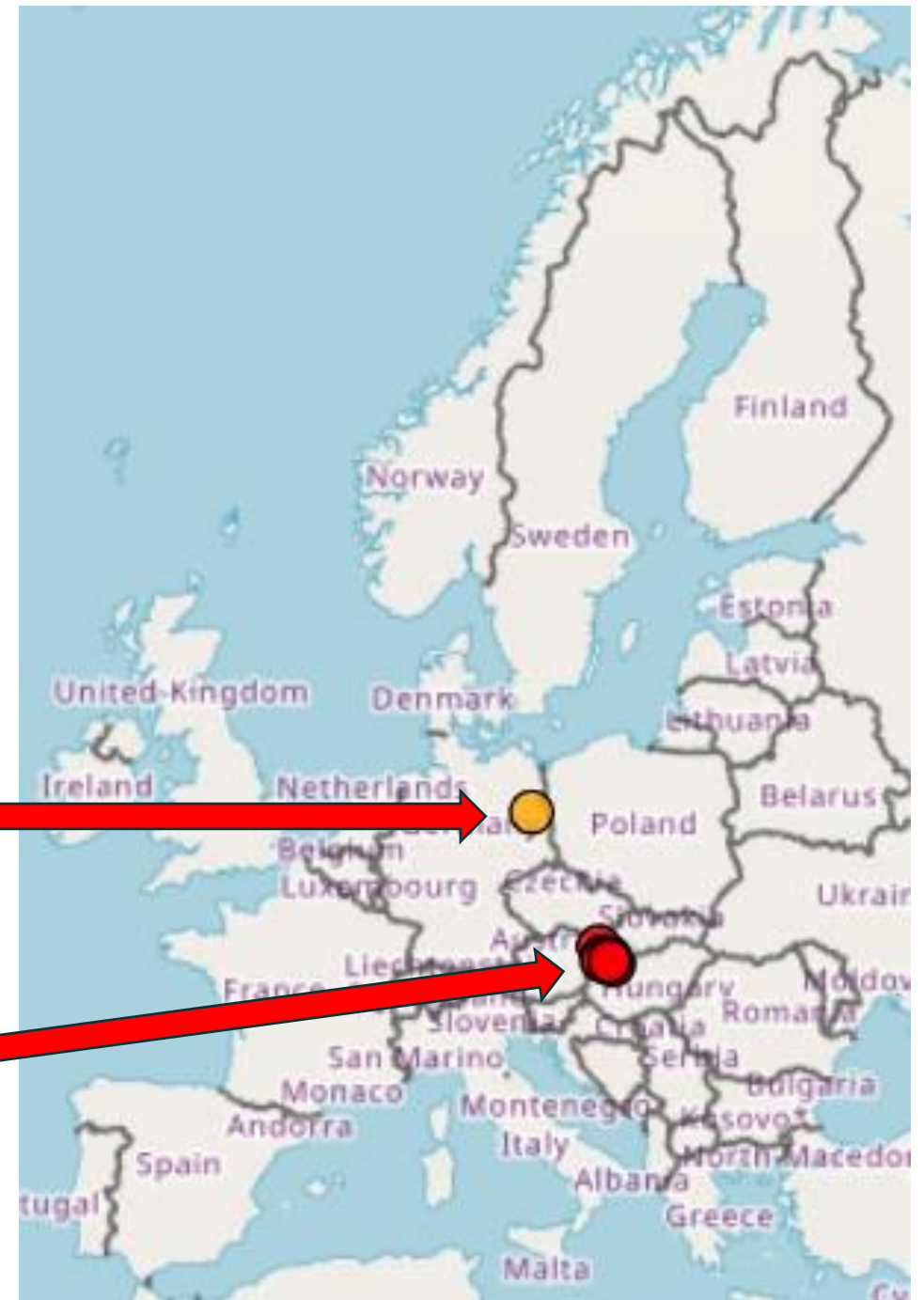
Outline

- Epidemiological situation and measures in 2025
 - Hungary and Slovakia
 - Germany
- EU Coordination
- International reactions
- Conclusions

Epidemiological situation and measures

FMD Outbreaks in the EU

- The EU was free from FMD since 2011 (Bulgaria)
- Now two **UNRELATED** events in 2025:
- **10/01/2025** in **Germany**: FMD ser. O
 - O/ME-SA/**SA-2018** lineage
- **06/03/2025** Hungary + Slovakia: FMD ser. O
 - O/ME-SA/**Pan-Asia2/ANT-10** sub-lineage



Epidemiological situation and measures in Hungary and Slovakia

FMD Outbreak in Hungary

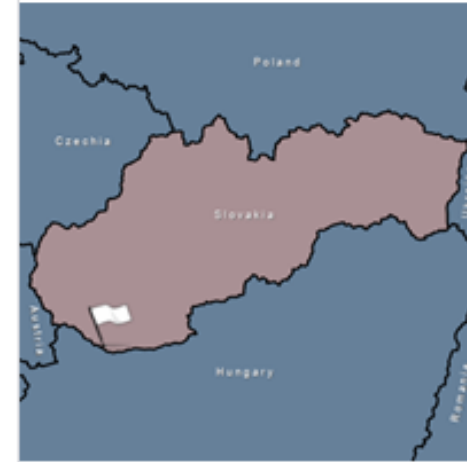
- 1st FMD outbreak in Hungary since 1973
- **Confirmed on 06/03/2025** in Győr-Moson-Sopron
- Establishment with 1418 **dairy cattle**
- Along the Danube
- **FMD serotype O:**
 - O/ME-SA/**Pan-Asia2/ANT-10** lineage



FMD Outbreaks in Slovakia

- 1st FMD outbreak in Slovakia **since 1973**
- **Confirmed on 21/03/2025 3 outbreaks** in Trnavský
- Establishments with dairy cattle: 670, 790 and 1301
- FMD serotype O:
 - O/ME-SA/**Pan-Asia2/ANT-10**

Outbreak [SK-FMD-2025-00001](#) submitted



Outbreak [SK-FMD-2025-00002](#) submitted



Outbreak [SK-FMD-2025-00003](#) submitted

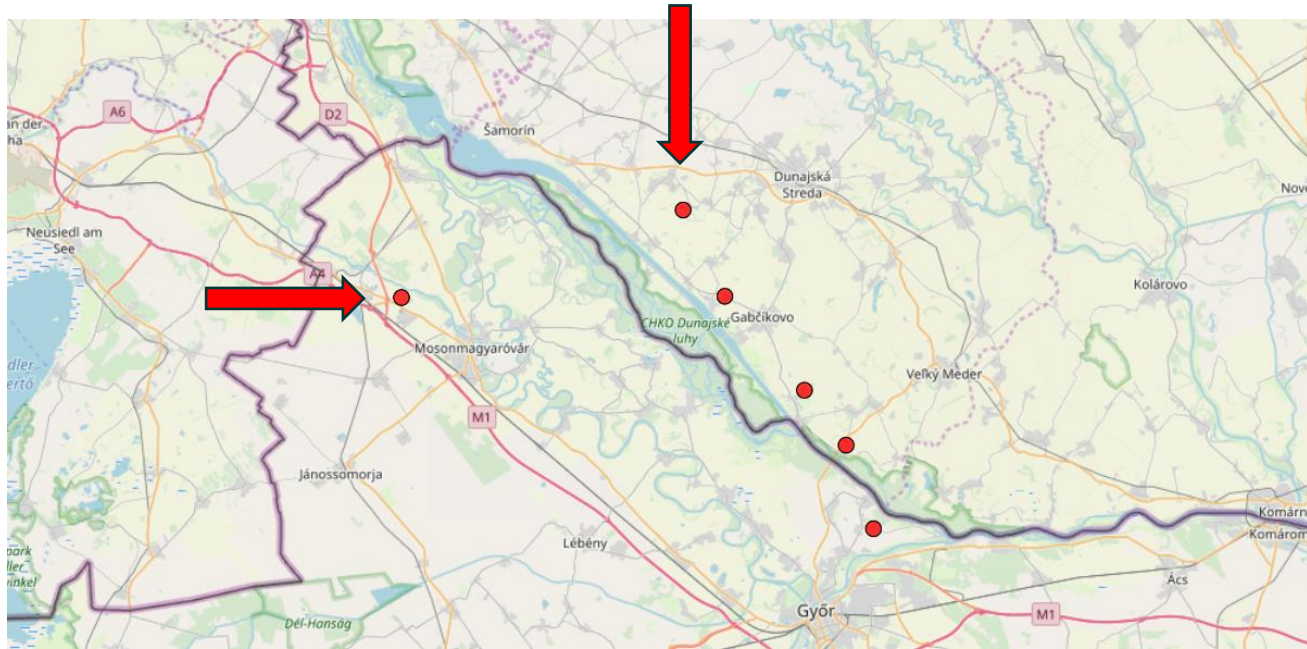


FMD Outbreaks up to 21 March 2025

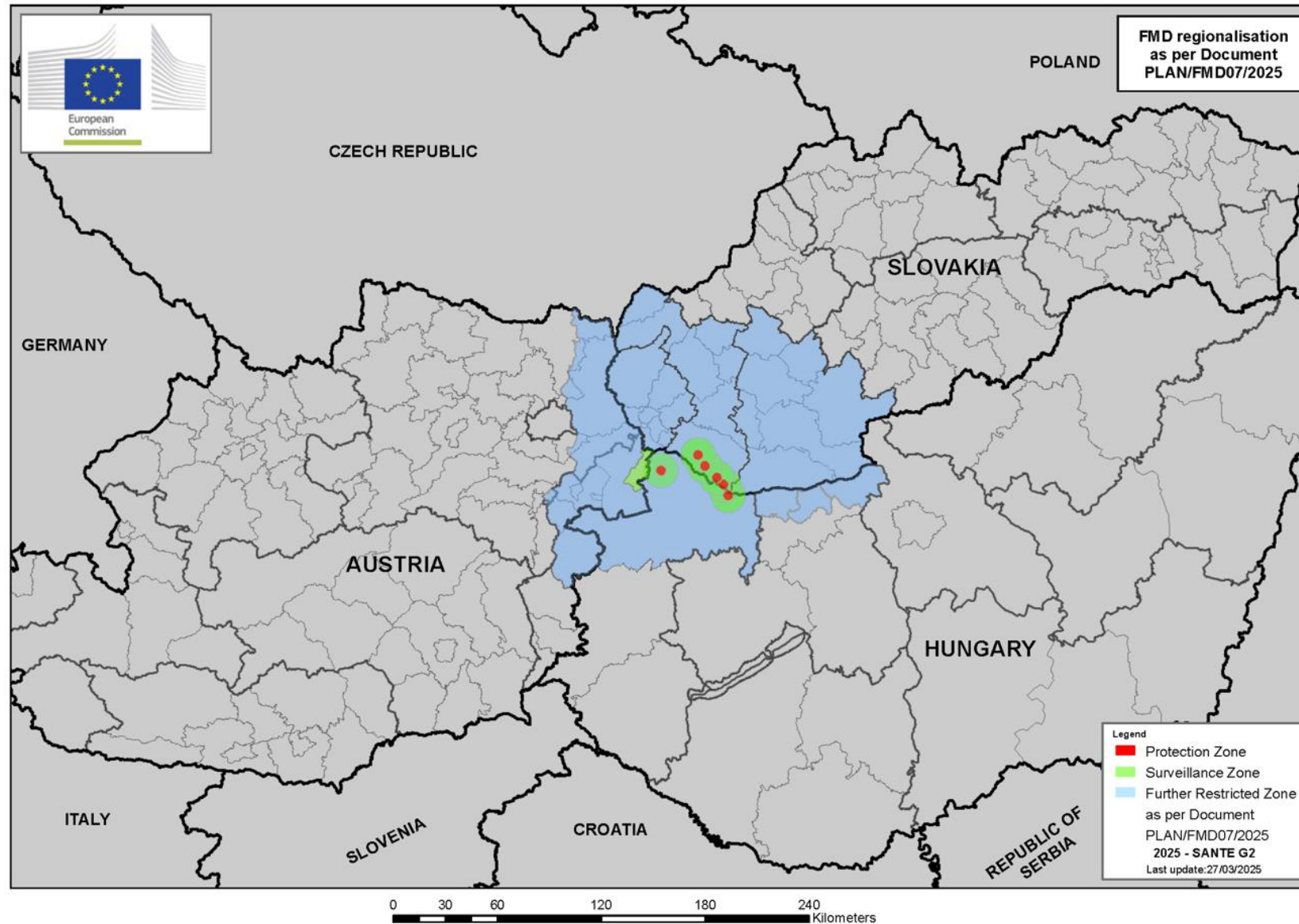


FMD new Outbreaks in Slovakia + Hungary

- 4th FMD outbreak in Slovakia
- **Confirmed on 25/03/2025** in Trnavský
- Establishments with dairy cattle: 279
- 2nd FMD outbreak in Hungary
- **Confirmed on 26/03/2025** in Győr-Moson-Sopron
- Establishments with dairy cattle: 3028



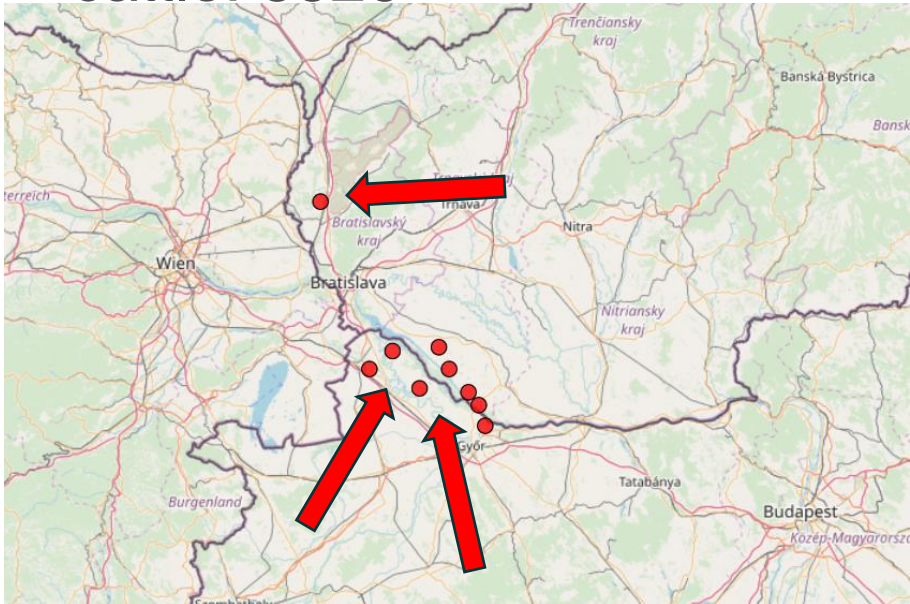
FMD Outbreaks up to 26 March 2025



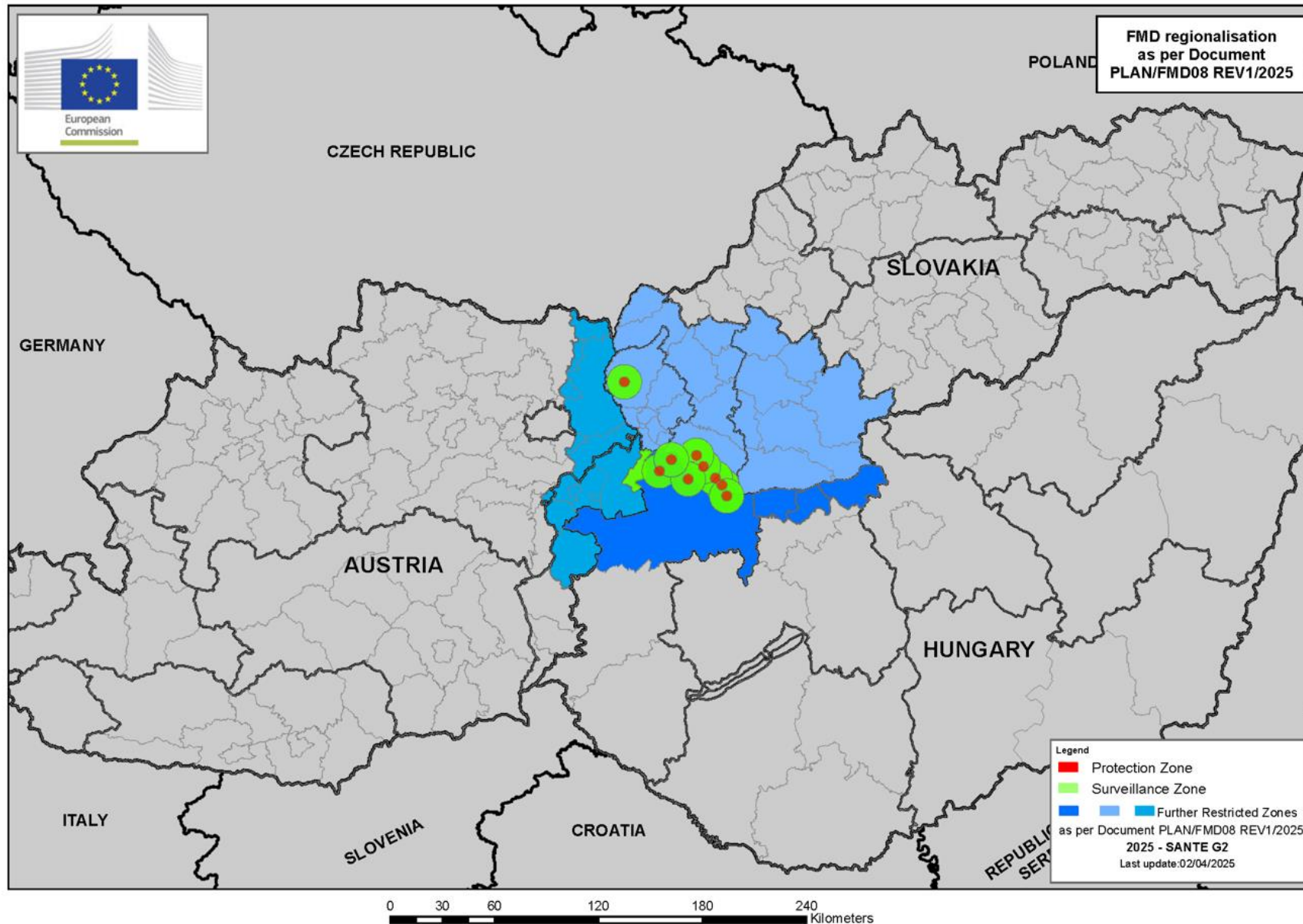
FMD new Outbreaks in Slovakia + Hungary

- . 5th FMD outbreak in Slovakia
- . **Confirmed on 30/03/2025** in Bratislavský
- . Establishments with dairy cattle: 3526

- . 3rd + 4th FMD outbreak in Hungary
- . **Confirmed on 02/04/2025** in Győr-Moson-Sopron
- . Establishments with dairy cattle: 1012 + 2498



FMD Outbreaks up to 03 April 2025



FMD Outbreaks in Slovakia + Hungary

- Several risk factors being investigated:
- **Wind spread / direct human contact**
- Measures applied in the outbreaks
 - Suppressive vaccination followed by stamping out
 - Carcass disposal
 - Cleaning & disinfection
 - Movement restrictions (animals + products + workers + vehicles cannot leave the farms if not decontaminated)



FMD national measures in Slovakia

- Temporary complete standstill in the whole country.
- Export of live susceptible animals is banned from Bratislavský, Trnavský, and Nitriansky regions (Further Restricted Zone).
- Transit of susceptible animals to Hungary is only allowed via the Šahy–Parassapuszta border crossing.
- Animals from Dunajská Streda and Komárno districts (outside the SZ) may only go to slaughterhouses if they test negative in the laboratory.
- Raw milk collection is allowed from multiple farms within the further restricted zones, but no mixing with milk from non RZ.

FMD national measures in Hungary

- Temporary complete standstill in the whole country.
- Susceptible animals must be kept indoor within restricted zones.
- Slaughter on the spot is encouraged under official supervision, with mandatory sampling for lab testing.
- Grazing is banned in Mosonmagyaróvár and Győr districts.
- Movement of susceptible animals was banned for 72 hours in these two districts.
- Vehicles are subject to disinfection.

FMD Surveillance in Hungary

Ministry of Agriculture-Animal health

Sampling (as of 01.04.)

County	census	contact	suspicion	commercial	additional	Total
Bács-Kiskun		1		1	88	90
Baranya		1		1	26	28
Békés				3	11	14
Borsod-Abaúj-Zemplén			1	1	29	31
Csongrád-Csanád		1	3	2	48	54
Fejér		1	2	2	20	25
Győr-Moson-Sopron	52	32	8		10	102
Hajdú				3	29	32
Heves			1		23	24
Jász-Nagykun-Szolnok				3	27	30
Komárom		3	1		25	29
Nógrád			1		2	3
Pest		1	1	3	35	40
Somogy			2		16	18
Szabolcs-Szatmár-Bereg				1	11	12
Tolna					16	16
Vas		1			4	5
Veszprém		5	1		36	42
Zala				1	12	13
Total	52	46	21	21	468	608

RSzKF aktuális járványügyi helyzet - The current epidemiological situation of FMD

frissítve: 2025.04.02., 12:15



*Farms tested with negative results **Infected farms



Share

Infogram



European
Commission

FMD Surveillance in Slovakia

FOOT AND MOUTH DISEASE (FMD) (state of play until 02/04/2025)

SAMPLING

- intensive sampling in districts Dunajská Streda and Komárno is carried out with negative results so far – finished in protection zones,
- in the surveillance zones (Dunajská Streda, Komárno) swab sampling is ongoing – with a view to be completed by the end of this week,
- we will start with sampling in the RZ regarding outbreak SK-FMD-2025-00005 this week,
- samples for the genome sequencing are on the way to the EU Ref Laboratory.

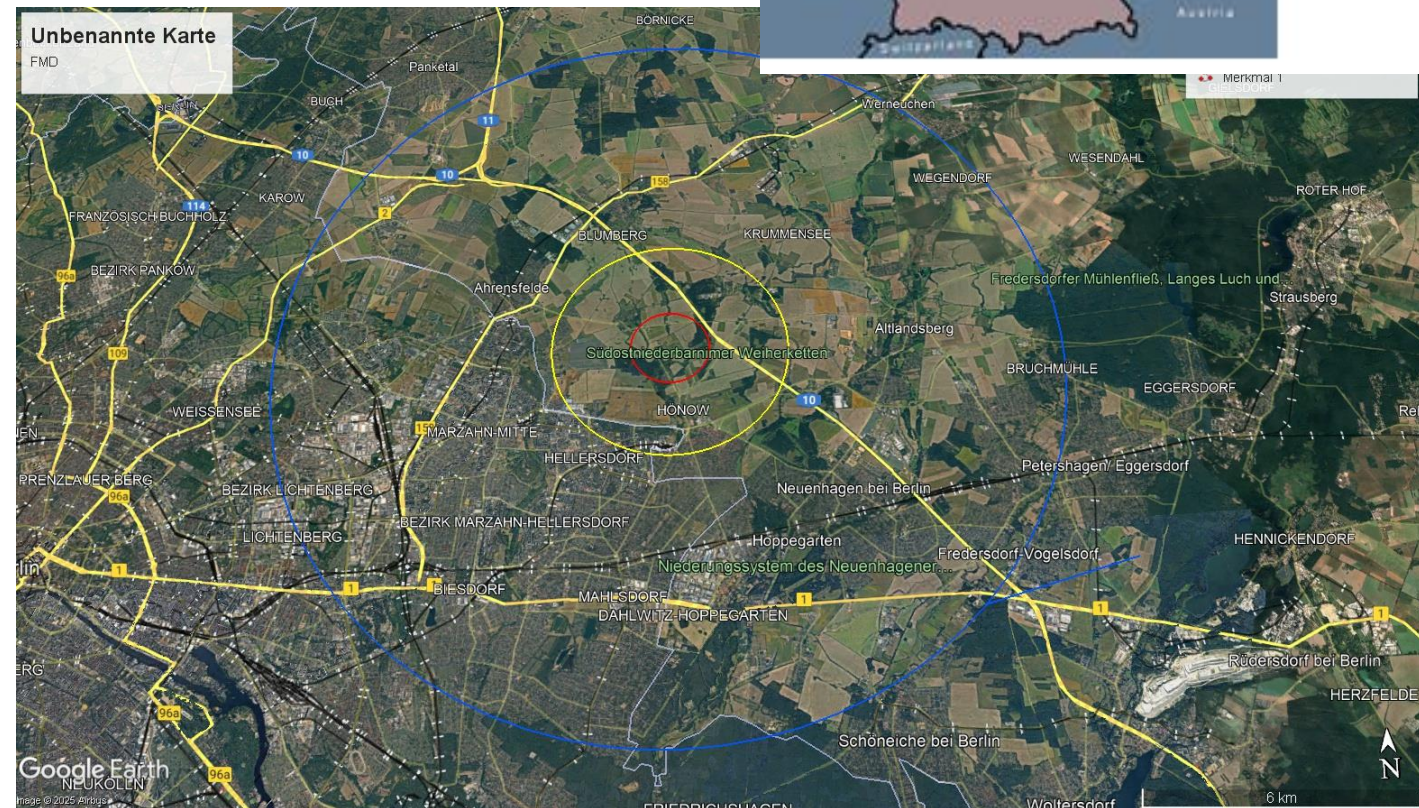
Number of samples	1 955
Positive samples	205

PCR/positive	NSP ELISA/positive
1 321/130	634/75

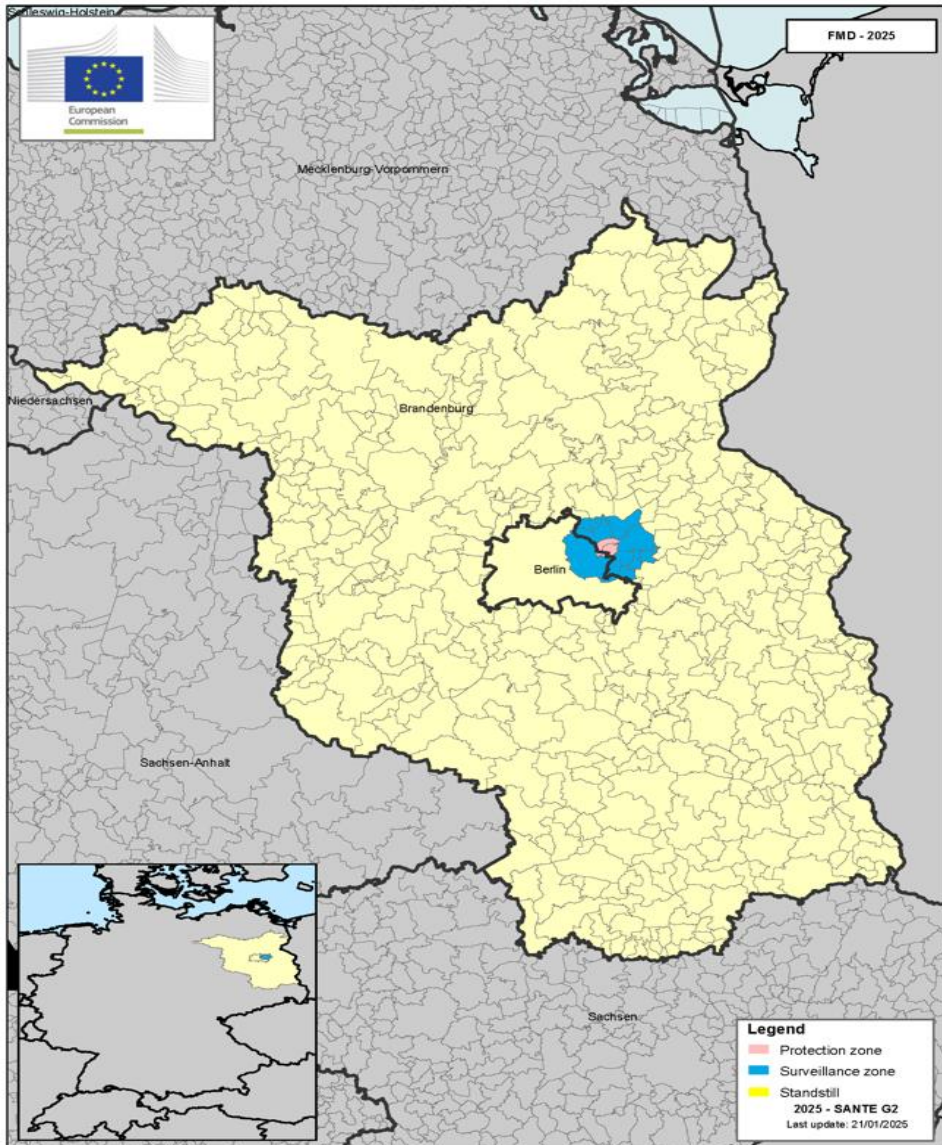
Epidemiological situation and measures in Germany

FMD Outbreak in Germany

- 1st FMD outbreak in Germany **since 1988**
- **Confirmed on 10/01/2025** in Brandenburg (BB)
- Establishment with 14 **water buffalo** in Märkisch Oderland district
- Extensive keeping in nature reserve close to Berlin
- **FMD serotype O:**
 - O/ME-SA/**SA-2018** lineage

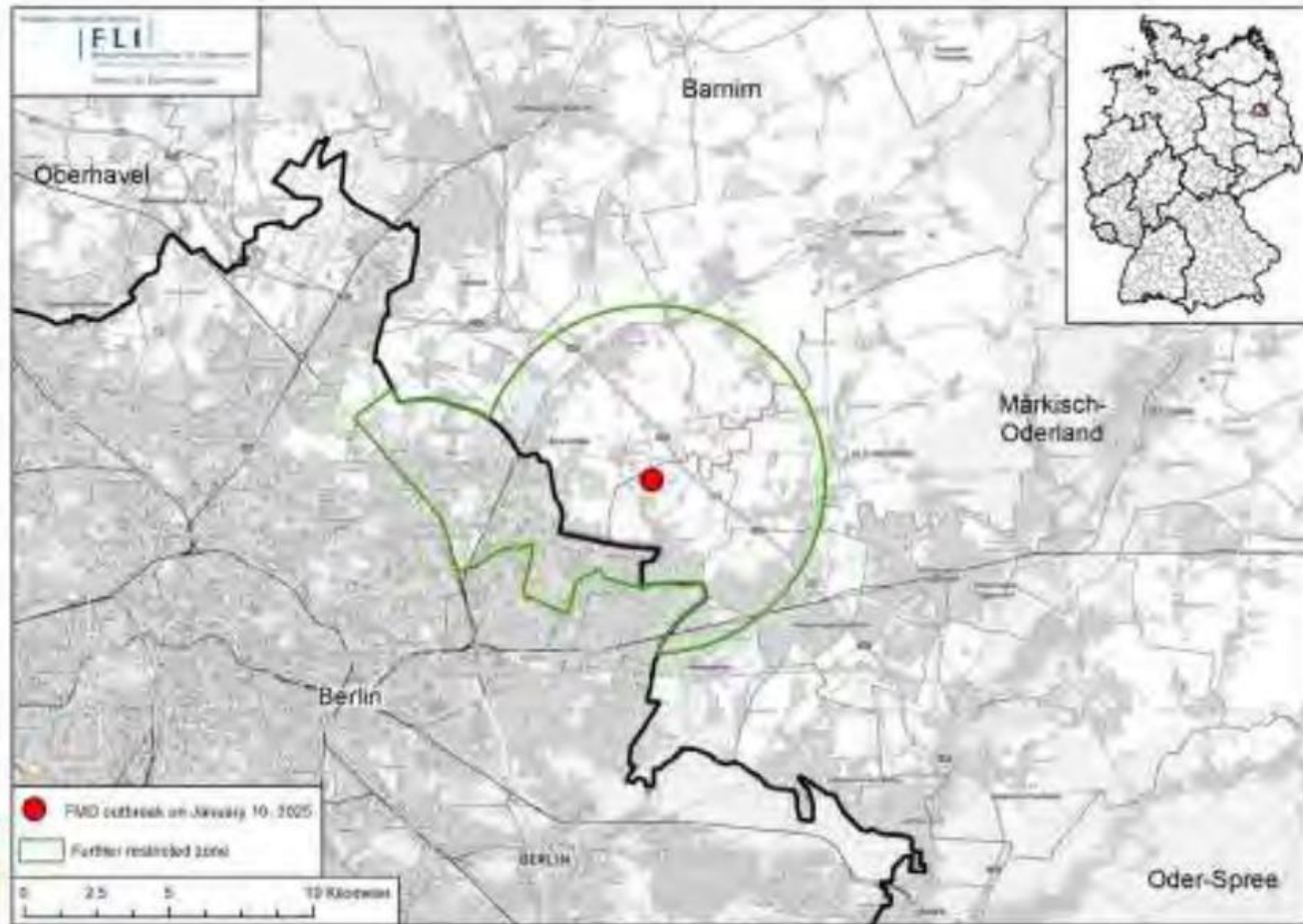


FMD Initial Regionalisation in Germany



- Measures applied immediately after the confirmation of the outbreak
- EU legislation: **Prot.** + **Surv.** Zones
- National measures **with standstill** for cloven hoofed animals from Brandenburg and Berlin

FMD current Regionalisation in Germany



- Restricted zone based on **Commission Implementing Decision (EU) 2025/323** of 11 February 2025 concerning certain emergency measures relating to foot and mouth disease in Germany [...]
- 36 establishments with 1700 animals of susceptible species
- Prohibitions in place:
 - No ambulatory AI or natural mating
 - Ban on any animal markets or assemblies
 - Movement restrictions apply to susceptible animals and their products

FMD current Surveillance in Germany

- ALL SAMPLES **NEGATIVE**
- Testing of all traced animals originating from BB since 1 December till 25 February
- 15-28 February 2025 sampling across Germany
 - 2 228 livestock animals sampled
 - 903 wildlife animals sampled



SPECIES	INVESTIGATED			
	Viro only	Sero only	Viro and Sero	total
CATTLE*	24	186	2,543	2,753
SHEEP	3	3	183	189
PIGS	13	120	2,547	2,680
TOTAL	40	309	5,273	5,622

* inclusive 2 bison

NB **ASF surveillance in place!!**

EU Coordination

EU Coordination

- Early coordination already even before the confirmation (text messages and phone calls)
- Ammal Health Advisory Committee (**AHAC**): 24 January & 7 April
- **EU CVO** working party meeting on 21-22 January, 9 April
- Daily **INFO NOTES** dispatched to MS and third countries
- **ADIS** + **WAHIS** information available

EU Coordination

Outbreak [DE-FMD-2025-00001](#)



- Confirmation on 10 January in Germany → **ADIS** alert message & **WAHIS**
- **PAFF Committees** :
 - 13 January (extraordinary PAFF)
 - 17 January (extraordinary PAFF)
 - 22-23 January (regular PAFF)

Outbreak [HU-FMD-2025-00001](#) submitted



- Confirmation of 1st outbreak 7 March in Hungary → **ADIS** alert message & **WAHIS**
- **PAFF Committees** :
 - 12 March (extraordinary PAFF)
 - 20-21 March (regular PAFF)
 - 24 March (extraordinary PAFF)
 - 27 March (extraordinary PAFF)
 - 2 April (extraordinary PAFF)

EU Coordination

- Since Monday 11 March 2025, the Commission **adopted 5** Commission Implementing Decisions with emergency measures demarcating regionalization at EU level:
 - restricted zones in Hungary, Slovakia and Austria
 - protection (3km) and surveillance (10km) zones with severe restrictions
 - 3 sufficiently large “further restricted zones” with moderate restrictions that confer protection to the rest of the EU

Tuesday
11/03/25

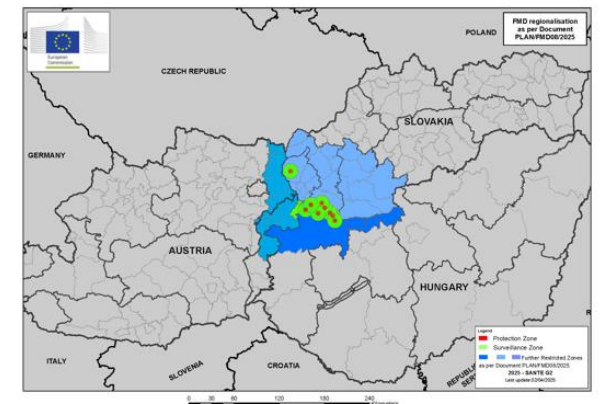
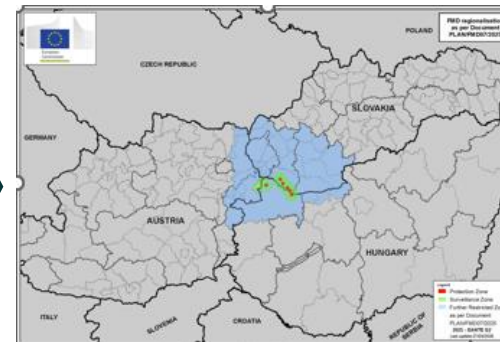
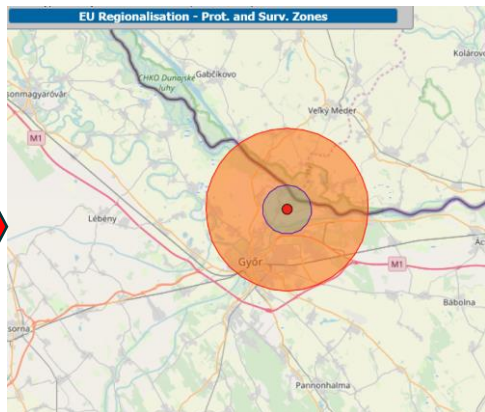
Monday
24/03/25

Wednesday
26/03/25

Monday
31/03/25

Thursday
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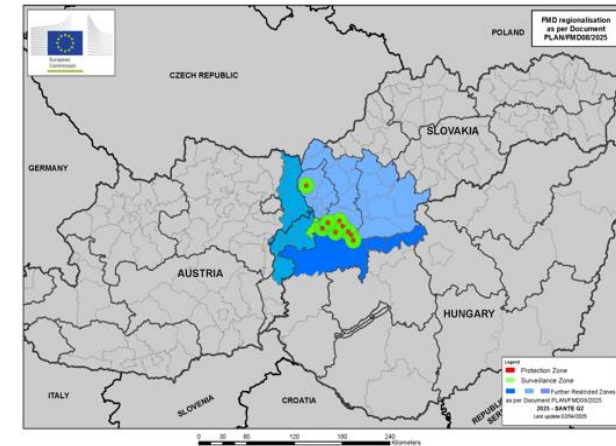
EU Coordination

Current EU measures are regulated by:

Commission Implementing Decision (EU) 2025/672 of 31 March 2025 concerning certain emergency measures relating to outbreaks of foot and mouth disease in Hungary and Slovakia and repealing Implementing Decision (EU) 2025/613 (notified under document C(2025) 2029) http://data.europa.eu/eli/dec_impl/2025/672/oj

Measures in HU + SK + AT include:

1. immediate **on-the-spot killing** and **safe disposal** of all animals of susceptible species kept in the affected establishment (possibly coupled with pre-emptive slaughter/killing determined by the national authorities)
2. in some outbreaks **emerging suppressive vaccination**
3. **cleaning and disinfection** of the premises
4. **prohibitions of movements** of susceptible animals and their products
5. intensive **surveillance** in the 3 and 10 km zones
6. the **prohibition to move animals and products from the further restricted zone** (some derogations are can be granted by authorities after risk assessment and risk mitigation measures applied like heat treatment of products).



EFSA Scientific Opinion Just Reviewed the EU Measures

SCIENTIFIC OPINION



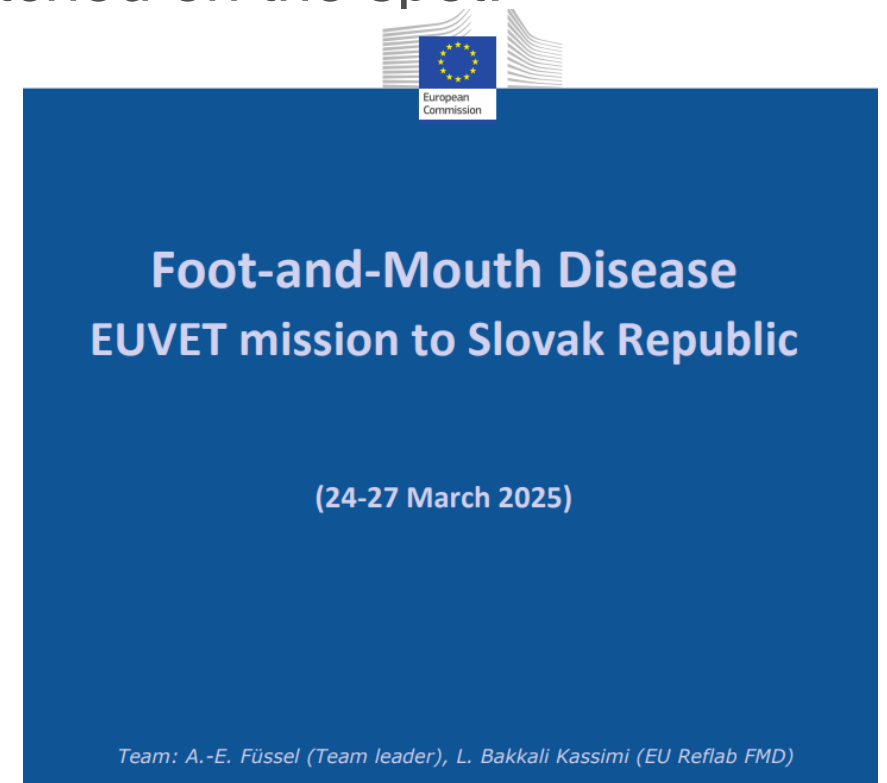
ADOPTED: 6 May 2021

doi: 10.2903/j.efsa.2021.6632

Scientific Opinion on the assessment of the control measures for category A diseases of Animal Health Law: Foot and Mouth Disease

EU Coordination

- **EU Veterinary Emergency Team (EUVET)** dispatched on the spot:
 - Germany (15-17 January)
 - Hungary (10-12 March)
 - Slovakia (24-27 March)
 - Provided tailored recommendations both on technical and managerial aspects
- **EU Reference Laboratory** activated
 - Confirmed outbreak samples contained FMD
 - Confirmed virus serotype “O” identified earlier by NRLs
 - Performed vaccine matching with field samples
 - Whole genome sequencing & phylogenetic analysis



EU preparedness

- Solid legislative framework: **Animal Health Law** - Regulation (EU) 2016/429
- **Financial support** for emergency measures under the Single Market Programme: Regulation (EU) 2019/690
- **Yearly** diagnostic **ring trials** carried out via the EU Reference Laboratory FMD
- **Training** on FMD regularly supported by the EU via:
 - **BTSF workshops** (EU legislation and more operational ones on animal disease preparedness)
 - EU financial support to **EuFMD** for training and risk monitoring

EU antigen and vaccine banks

Commission Implementing Regulation (EU) 2022/140 of 16.11.2021

- Union antigen banks for **FMD**;
- Union vaccine banks for **CSF**, **LSD**, **PPR** and **SPGP**;

ANNEX I

Biological products to be included in the Union antigen, vaccine and diagnostic reagent banks as referred to in Article 3

Name of category A disease	Biological product	Type and/or strain of biological product	Number of doses	Validity period of biological product
1	2	3	4	5
Foot and mouth disease	antigen	inactivated various strains representing all seven sero- types: O, A, Asia 1, C, SAT1, SAT2, SAT3	at least 1 000 000 and up to 5 000 000 for each selected antigen, depending on the priority	at least 60 months
Classical swine fever	vaccine	live attenuated	at least 1 000 000	at least 24 months
Infection with lumpy skin disease virus	vaccine	live attenuated or inactivated	at least 250 000	at least 20 months
Infection with peste des petits ruminants virus	vaccine	live attenuated or inactivated	at least 250 000	at least 20 months
Sheep pox and goat pox	vaccine	live attenuated or inactivated	at least 250 000	at least 20 months

Allowed vaccination strategies for FMD



- **Biosecurity** remains the cornerstone as preventive measure
- **Stamping out** is still always a compulsory measure in all establishments where FMD is detected

International reactions

International reactions

- The World Organisation for Animal Health (**WOAH**) suspended FMD free status in affected MS (that often is a pre-requisite for signing relevant export certificates)
- German containment zone recognised + **free status without vaccination reinstated**

WOAH Members' official FMD status map

Last update January 2025



WOAH Members' official FMD status map

Last update March 2025

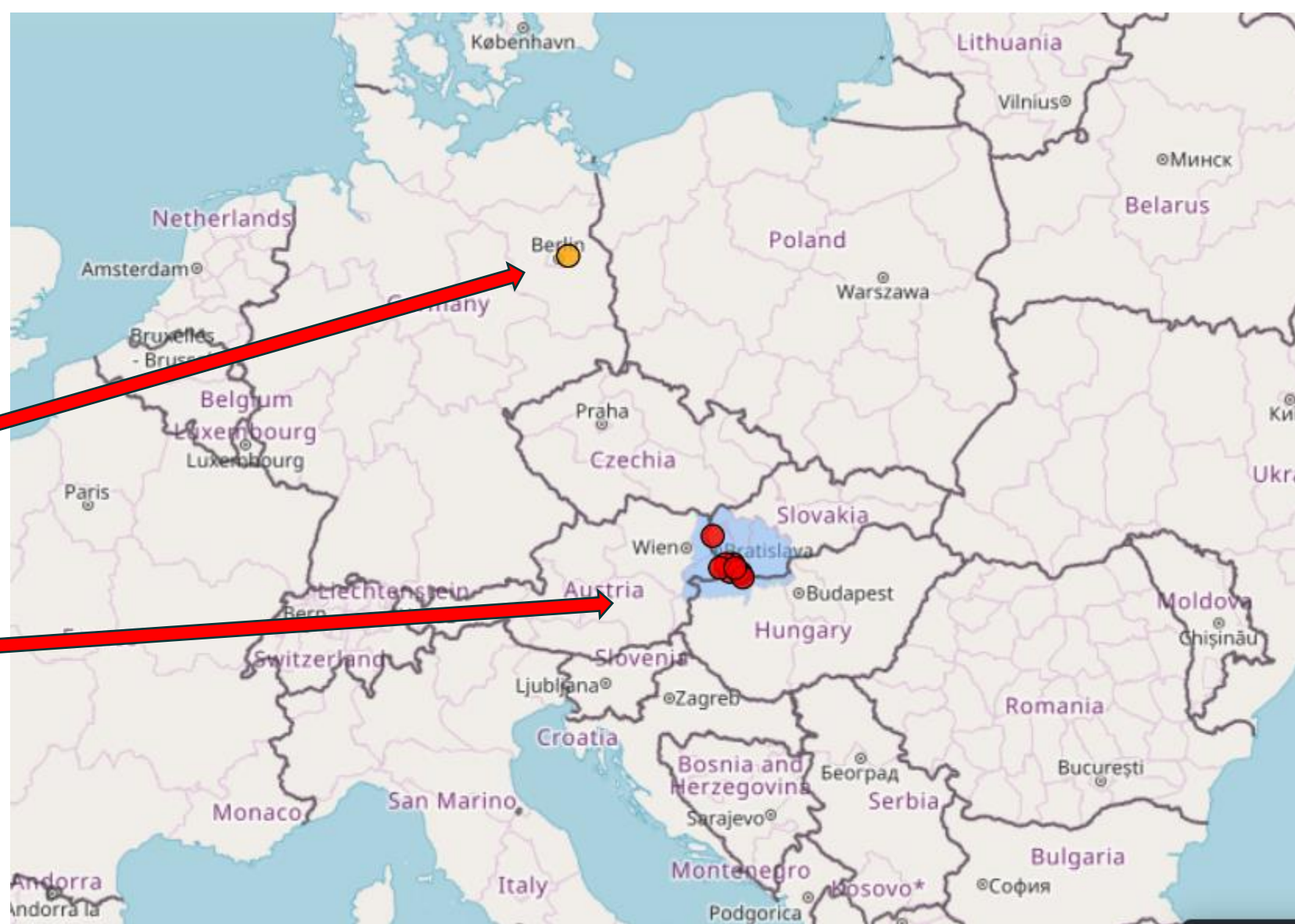


Conclusions

Conclusions

Current regionalisation measures for FMD in the EU based on

- **Commission Implementing Decision (EU) 2025/323**
- **Commission Implementing Decision (EU) 2025/672**



Conclusions

- Measures put in place in Germany were **effective to eradicate**
- In Hungary and Slovakia measures were **effective to prevent spread**
- EU regionalisation effective
- Very transparent communication (info notes/PAFF/webpage/ADIS/WAHIS)
- Epi enquiry continues (**human wrongdoing?**, human contact? climatic conditions [**wind?**])
- **Remain Vigilant → joint effort from all stakeholders**
- Useful links:
 - PAFF Committees and **PPT**: https://food.ec.europa.eu/horizontal-topics/committees/paff-committees/animal-health-and-welfare/presentations_en#20250113
 - SANTE FMD PAGE: https://food.ec.europa.eu/animals/animal-diseases/diseases-and-control-measures/foot-and-mouth-disease_en
 - ADIS PUBLIC PAGE: <https://webgate.ec.europa.eu/tracesnt/adis/public/notification>

Conclusions

- More information on Monday :



GF-TADs information webinar on the FMD situation in certain Member States of the European Union

7th of April 2025, from 12:30-14:00 (CET)

Please mark your calendars, share this invitation with your network and attend for this important meeting. Invitation will be sent to other regions as well. To join the webinar, seek the link from GFTADs Secretariat

Thank you



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