



1 st Virtual Meeting for Epidemiology Network for West Eurasia Region, 9 April 2022

**Updates since the last meeting, including the work plan
2021-2023**

Carsten Potzsch

EuFMD. European Commission for the Control of Foot-and-Mouth Disease



EuFMD Hold-FAST Strategy Strategic plan 2019-2023

1
Improve readiness for FMD crisis management in MS

2
Reduce risk to MS from the European neighbourhood (progressive control in neighbouring regions)

3
Promote the global strategy of progressive control of FMD

1.1.1. To better involve services that already assist member states to better prepare for FMD emergencies, Articles 11, 12 and 13 of the Decision aim at reducing the risk of FMD incursions, working with and through international partnerships.

All at times the Commission, working with the EC DG SANTE, maintains a continuous availability of expertise and mechanisms for emergency response to a FMD crisis in the European neighbourhood.

European neighborhood
EuFMD Pillar II

Report on significant FAST disease events and information

July - September 2021

European Commission for the Control of Foot-and-Mouth Disease

Foot-and-Mouth Disease

2021
Quarterly report
October-December

(Last update August 2021)

GF-TADs
GLOBAL FRAMEWORK FOR THE PROGRESSIVE CONTROL OF TRANSBOUNDARY ANIMAL DISEASES

OIE official status, FMD endorsed programmes, and PCP stages

- Countries and zones recognised as free from FMD without vaccination
- Countries and zones recognised as free from FMD with vaccination
- Countries and zones without a FMD official status or not assessed by the PCP
- Official control programme endorsed by the OIE
- PCP stage 3
- PCP provisional stage 3
- PCP stage 2
- PCP provisional stage 2
- PCP stage 1
- PCP provisional stage 1
- PCP stage 0

*Territories in circles represent their current PCP stage of the same color in the legend

Quarterly Coordination meetings between EuFMD - FAO SEC & REU and WOAH

on TADs/FAST diseases programmes
in the West Eurasian region and the European neighbourhood



- update each other on the past, ongoing and planned main activities in the European neighbourhood and West Eurasian region on TADs and FAST diseases (FMD and similar transboundary animal diseases);
- identify activities of common interest and potential synergies.



EuFMD Reports



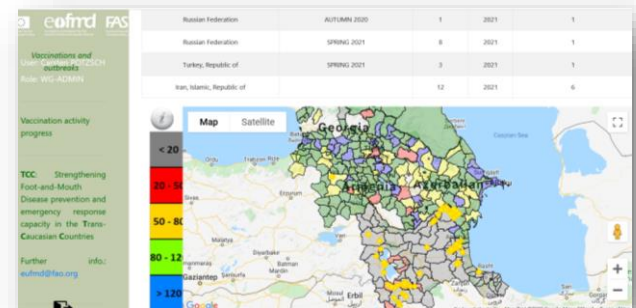
Statement of Intentions (SOI) on Regional cooperation between Transcaucasus and neighboring countries in the prevention and control of FAST diseases

→ **Georgia, Armenia, Azerbaijan, Türkiye, I.R. Iran, Iraq, Russian Fed.**

Priorities for 2022-2023

→ EuFMD will continue to support the activities of the **WE EpiNet** and **WeiNet**

- **Maintain the reporting system of FMD outbreaks and vaccinations and improve risk information sharing;**
- Closer collaboration with the Veterinary Services of **I.R. Pakistan;**



- Support SOI countries in the **progress along the PCP-FMD**
→ tutored support in updating and drafting FMD control plans;
- **Diagnostic and laboratory support** to improve regional FAST preparedness
- Monitor the **effectiveness of vaccination** in the region through the Group for Vaccination Advice (GVA).
 - Application of FAO/OIE Guidelines on post-vaccination monitoring (PVM);
 - Promoting small-scale immunogenicity studies;
 - adaptation of tools (e.g. Pragmatist) for selection of vaccine strains.
- Promote **public-private partnerships (PPP)** to improve FAST disease control and surveillance.

Other EuFMD activities to support the EpiNet workplan

- Further development of the **SOI platform**
- Quarterly **tri-partite meetings Turkey-Iran-Pakistan**
- **Group for Vaccination Advice, Guidance and Consultation for SEEN countries**
- Adaptation of **Pragmatist** to endemic countries

Pragmatist

- tool developed by EuFMD & WRL
- to assist risk managers of FMD free countries in the **prioritization and selection of FMD vaccines**
- Adaptation for use in **endemic countries** to assess the suitability of vaccines
 - to assist determining fitness for purpose vaccines to be purchased
 - to interpret PVM results
- in the SOI region

Source Area Multiplier											Vaccine Antigen coverage																				
Divide 100 points according to the risk posed by the source area											no information																				
W. Eurasia 25											0 no matching isolates																				
E. Asia 20											0,2 1-20% isolates match																				
N. Africa 20											0,4 21-40% isolates match																				
India & S. Asia 20											0,6 41-60% isolates match																				
East Africa 4											0,8 61-80% isolates match																				
West/Central Af 2											1 81-100% isolates match																				
Southern Africa 4																															
S. America 5																															
100																															
Circulating Strain	W. Eurasia	E. Asia	N. Africa	India & S. Asia	East Africa	West/Central Africa	Southern Africa	S. America	Antigen score	Highest match score	Trend	SEROTYPE O											SEROTYPE A								
												O1-Campes	O1-Mau/Bauren	O1-Mpibi	O-BO39	O-EP2/180	O-Orange SS (R2/2)	O-Mag/Tab 99	O-PanAsia 2	O-SKR 2010	O-SKR7/2010	O-Taiwan	O-TAN/98	O-TUR/5/2009	A2.2 Iraq	A2.6 Cuba/01	A-Arg/2001	A-Eritrea	A-Iran 98	A-Iran 01	
note multiplier →	25	20	20	20	4	4	4	5		↑ ↓		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	
O/ME-SA/PanAsia-2	40	1000	0	0	5	100	0	0	0	1100	↑	1	1	0,6	1																
O/ME-SA/PanAsia	0	30	600	0	0	0	0	0	0	600	↓	0,8	0,8	0,4	1																
O/SEA/Mya-98	0	20	520	0	0	0	0	0	0	520	↓	0,4	0,4	0,8																	
O/ME-SA/Ind2001	0	0	64	1280	90	1800	0	0	0	3980	↑	0,4	0,4	0,8	0,1																
O/TA-3	0	0	0	0	0	20	112	32	64	112	0	0	0,8																		

updated for 2011 to 2015

EuFMD Trainings

- FMD Investigation Training Course in Turkish (Turkey, Iran, Azerbaijan), in 2021 and planned for Nov. 2022
- FMD Laboratory Investigation Training Course, in English, Nov. – Dec. 22
- Risk Analysis along the Value Chain, in English, Oct. - Nov. 2022

FMD-PCP situation and progress - Breakout group discussion

- Russian and English groups
- Select a group leader and rapporteur

8th FMD Roadmap meeting for West Eurasia (4 - 6 March 2019, Shiraz, Iran)

Presentation of provisional roadmap for 2008-2025, based on self-assessment questionnaires

Countries	Validated Stages												Provisional Stages (not validated)					
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Afghanistan (<i>absent</i>)	0	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	4
Armenia	2	2	2	2	2	2	2*	2*	2	2	2	2	2	2	3	3	3	4
Azerbaijan																		
Absheron peninsula	2	2	2	2	2	2	2*	2*	2	2	2	2	3	3	3	3	4	4
Remaining	2	2	2	2	2	2	2*	2*	2	2	2	2	2	2	3	3	4	4
Georgia	2	1	1	1	1	1	2*	2	2	2	2	2	3	4	FwV	FwV	FwV	...
Iran	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3
Kazakhstan																		
9 northern regions	1	1	1	1	1	1	2*	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV
5 southern regions	1	1	1	1	1	1	2*	**	**	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV
Kyrgyzstan	1	0	0	0	1	1	2*	2*	2*	2*	2*	2	3	3	3	4	4	4
Pakistan	0	1	1	1	1	1	2*	2	2	2	2	2	2	3	3	3	3	3
Tajikistan	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
Turkey																		
Thrace			FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV	FwV
Anatolia									2	2	2	2	3	4	4	FwV	FwV	FwV
Turkmenistan	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	3	4
Uzbekistan	0	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	4

Assessed by RAG Middle-East

Iraq		1	1	1	1	1	2*	2*	2*	2*	2*	2*	2	2	3	3	3	3
Syria		1	1	1	1	1	2*	2*	2*	2*	2*	2*	2	3	3	3	3	3

* provisional status given to the country (countries had six months to provide additional information including Control Plan; if no, they will be downgraded to the previous stage)

** country/zone having entered the OIE pathway for recognition of an FMD free zone with vaccination

FwV: Free with vaccination FwV: Free without vaccination

0	1	2	3	4	OIE
---	---	---	---	---	-----

FMD-PCP situation and progress - Breakout group discussion

Issues to discuss:

What is the current situation of national FMD control plans?

Have you started drafting RBSP or OCP?

Have you had international support for drafting; if yes, from whom?

When do plan to submit the national FMD control plan (RBSP, OCP)?

What are the biggest obstacles in national progress along the PCP?

What support would you need, e.g. individual country support, regional support/workshops, training, (other)?

How could the PSO system assist?



Thank you !



Sustainable development goals, UN-SDGs. EuFMD's programme has a main focus on



The **EuFMD** / European Commission for the Control of Foot-and-Mouth Disease.
HOLD-**FAST** strategy. **F**oot-and-mouth **A**nd **S**imilar **T**ransboundary animal diseases.

www.fao.eufmd.org

www.linktr.ee/eufmd