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WORLD ORGANISATION  
FOR ANIMAL HEALTH

# 4th GF-TADs Eastern Africa Roadmap meeting for **Foot-and-Mouth Disease**

Virtual ZOOM meeting  
29-31 March 2022

*Concept note and provisional agenda*



## Concept note

### BACKGROUND

Foot-and-mouth disease (FMD) severely affects the productivity of livestock, disrupting regional and international trade in animals and animal products. The most significant impact of the disease in low and middle-income countries is losses in production, utility and income, which together affect livelihoods and impact food security and nutrition of farmers.

In order to reduce the FMD burden, the Food and Agriculture Organization of the United Nations (FAO) and the World Organisation for Animal Health (OIE) developed a 15-year [Global FMD Control Strategy](#) in 2012. Since the Global FMD Control Strategy was endorsed, several initiatives were identified to establish an enabling environment to make FMD control a feasible option. One of these initiatives is to encourage countries to progressively control FMD using the [Progressive Control Pathway for FMD](#) (PCP-FMD) at country level, with control efforts coordinated at regional level. Around 80 countries in the world are currently engaged, at various levels (updated map [here](#)), in the implementation of the PCP-FMD to reduce or eliminate FMD virus (FMDV) circulation. For effective implementation of the Global FMD Control Strategy and to address some of the anticipated challenges, regional FMD roadmap platforms have been successfully established to assess progress in FMD control.

As of February 2022 in the Eastern Africa Roadmap region, one country is in PCP-FMD Stage 0 (Burundi), four countries are in PCP-FMD Stage 1 (Eritrea, Ethiopia, Somalia and South Sudan) one country is in provisional PCP-FMD Stage 2 (Sudan), three countries are in PCP-FMD Stage 2 (Kenya, Rwanda, Uganda), while one country (Djibouti) has not been recently assessed.

Foot-and-mouth disease roadmap meetings are organized under the umbrella of the FAO/OIE Global Framework for the Progressive Control of Transboundary Animal Diseases ([GF-TADs](#)), by its FMD Working Group, with the technical support from the European Commission for the control of FMD ([EuFMD](#)). Participants include Chief Veterinary Officers (CVOs)/OIE Delegates and national laboratory, epidemiology and PCP-FMD focal points (experts) engaged in FMD control programmes, FAO regional and national representatives, OIE Regional and Sub-Regional representatives, representatives from regional bodies and from the OIE/FAO Reference Laboratory [Network](#) for FMD.

To date, **three FMD roadmap meetings for the Eastern Africa region have been held** (in 2012, 2014, and 2018). During the most recent roadmap meeting (final report available [here](#)), 9 countries belonging to the East Africa Roadmap region attended, as well as additional Eastern African countries assessed through the Southern African Development Community (SADC) Roadmap. In 2018, a Regional Advisory Group for East Africa was elected consisting of CVOs/OIE Delegates (or their representatives) of Uganda (Chair), Republic of Sudan, and Kenya and coordinators of the Eastern Africa Regional Animal Health Networks (RAHN) for epidemiology and laboratory (Ethiopia and Kenya respectively).

The Eastern Africa roadmap region belongs to the FMDV Pool 4 (map [here](#)). Foot-and-mouth disease is endemic in all continental countries of East Africa with five different FMDV

serotypes circulating in the region (O, A, SAT 1, SAT 2 and SAT 3). Within these serotypes, the distribution of lineages is evolving with new patterns and antigenic variants, which impacts the selection of vaccine strains and calls for information sharing on surveillance and control efforts at regional level. In particular, strains within the O/EA-2 lineage have drawn attention; genomic data from 2017 showed that these strains are moving on two fronts: 1) from mainland East Africa to Comoros (FMD outbreak reported in March 2019, with strains closely related to Tanzanian ones), and 2) from mainland East Africa to Southern Africa (Zambia, Namibia and Malawi) where it currently causes major economic impact.

The current global restrictions related to the SARS-CoV-2 pandemic are challenging conventional approaches for the organization of international events including regional FMD roadmap meetings. The GF-TADs FMD Working Group is therefore proposing a virtual format for the 4<sup>th</sup> Eastern Africa roadmap meeting.

## OBJECTIVES

### The meeting objectives are:

1. Share and review information about changes in risks related to FMDV circulation within the regional ecosystem to support recommendations for the implementation of successful control measures including vaccination strategies;
2. Strengthen the understanding of the PCP-FMD principles, and facilitate the application of the PCP-FMD Toolkit including the PCP-FMD [Self-Assessment Tool \(SAT\)](#) and the PCP-FMD Support Officers (PSO) system to assist and guide countries in the development, submission, implementation and monitoring of national strategies;
3. Review implementation of recommendations of 3<sup>rd</sup> Eastern Africa Roadmap meeting (3-5 July 2018) and 11<sup>th</sup> Eastern Africa RAHN (16-17 November 2021);
4. Assess and map the progress on FMD control of Eastern African countries by reviewing the outcomes of the ongoing FMD control activities at national levels (outputs of the SAT);
5. Update the membership of the FMD Regional Advisory Group (RAG) to monitor and follow-up the regional FMD roadmap recommendations;
6. Strengthen the regional epidemiology and laboratory networks for Eastern Africa;
7. Update the Roadmap for FMD control in East Africa, using the principles of the PCP-FMD;
8. Encourage discussions to identify regional priorities and key support needed by countries from development partners to control FMD and to strengthen their surveillance systems and laboratory capacity.

## EXPECTED OUTCOMES

### The expected outcomes of the meeting are:

- Country representatives are updated and familiarized with the current regional FMD situation, viral circulation, key cross border activities, and risk related to livestock mobility (objective 1);
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- The latest updates and revisions of the PCP-FMD Toolkit (including PCP-FMD guidelines, vaccines and post-vaccination monitoring guidelines), supporting mechanisms for PCP-FMD progression towards OIE status (such as the PSO system) are clear and familiar to the countries (objective 2);
- Information on the use of appropriate vaccines according to the most updated virological surveillance data, and the implementation of appropriate vaccination strategies are shared and recommendations are provided (objectives 1 and 4);
- Membership of the FMD Regional Advisory Group for Eastern Africa is updated for 2022-2025 (objective 5);
- The East Africa Epidemiology and Laboratory networks are strengthened (objective 6);
- The roadmap for FMD control is updated until 2027 for all Member countries in Eastern Africa Roadmap region (objective 7)
- A final report will be made available to the audience by the GF-TADs FMD Working Group (objective 1, 4, 7 and 8).

**PARTICIPATING COUNTRIES (12) (in alphabetical order):**

Burundi, Democratic Republic of Congo, Djibouti, Eritrea, Ethiopia, Kenya, Republic of Sudan, Rwanda, Somalia, South Sudan, Tanzania and Uganda.

**The expected participants will include:**

- Chief Veterinary Officers/OIE Delegates of the Eastern African countries, three national points of contact (laboratory, epidemiology and PCP-FMD) engaged in FMD control programmes;
  - Chief Veterinary Officers/OIE Delegates of two Eastern African countries assessed through the SADC roadmap;
  - Coordinators of the Eastern Africa Regional Animal Health Networks for Epidemiology and Laboratory;
  - GF-TADs FMD Working Group;
  - GF-TADs Global Secretariat and Regional Steering Committee for Africa;
  - PCP-FMD Support Officers;
  - FAO sub-regional officers for Eastern Africa (SFE);
  - OIE sub-regional representatives for Eastern Africa (SRR EA);
  - Designated expert from the World Reference Laboratory for FMD, The Pirbright Institute, UK;
  - Designated expert from the European Union Reference Laboratory for FMD, Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail (ANSES), France;
  - Designated Expert, OIE Reference Laboratory for FMD, Botswana Vaccine Institute (BVI), Botswana;
  - Designated Expert, OIE Reference Laboratory for FMD, Agricultural Research Council-Onderstepoort Veterinary Research (ARC-OVI), South Africa;
  - Designated expert from the FAO Regional Support Lab, National Animal Health Diagnosis and Investigation Center (NAHDIC), Ethiopia;
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- Director Pan African Veterinary Vaccine Center of African Union (AU-PANVAC), IE Collaborating Centre, Ethiopia;
- Director, African Union, Inter-African Bureau for Animal Resources (AU-IBAR), Kenya;
- Director, IGAD Centre for Pastoral Areas and Livestock Development, (IGAD), Kenya;
- Team leader Herd Health, International Livestock Research Institute (ILRI);
- Representative from the East African Community (EAC) Secretariat;
- DTRA Africa Project Lead, US Embassy, Nairobi, Kenya;
- Representative from the European Commission, DG-SANTE, Belgium;
- FMD Project Team Leader, Global Alliance for Livestock Veterinary Medicines (GALVmed);
- Representative from the private sector.

### **FORMAT AND LOGISTICS**

The meeting will be held under the GF-TADs umbrella, in virtual format with the operational support of the FAO Virtual Learning Centre Eastern Africa (VLC-EA), and the technical and operational support from European Commission for the control of FMD (EuFMD).

#### ***Preparatory phase (up to the 25<sup>th</sup> of March 2022):***

During this phase, the following activities should be completed:

1. Provide template and obtain recording of country presentation;
2. Complete the FMD vaccination questionnaire ;
3. Complete the PCP-FMD Self-Assessment Tool ([here](#)).

The documents can be retrieved on the meeting page on the VLC-EA platform ([here](#)).

#### ***Virtual meeting (from the 29<sup>th</sup> to the 31<sup>st</sup> of March 2022):***

The meeting will be held virtually, over three consecutive days, using the Zoom platform. During the first three days of the meeting, two separate closed sessions will be held to conduct country meetings to review country PCP-FMD Stage (based on SAT results, FMD vaccination questionnaires and information included in country presentations regarding FMD surveillance and control).

**Language:** English with simultaneous French interpretation.

#### **Contact persons:**

Etienne Chevanne [Etienne.Chevanne@fao.org](mailto:Etienne.Chevanne@fao.org); Tiziano Federici [Tiziano.Federici@fao.org](mailto:Tiziano.Federici@fao.org)  
and Gerald Mucheru [Gerald.Mucheru@fao.org](mailto:Gerald.Mucheru@fao.org).

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DAY 1 Tuesday 29 March 2022		
Time EAT	Topics	Speakers
<b>Session 1- Opening and Meeting Agenda</b>		
10:30 - 10:55	Official opening	-FMD-WG -David Phiri, Sub-regional coordinator (FAO SFE) -Samuel Wakhusama (OIE SR Representative for EA) Nick Nwankpa (Director AU-IBAR/Director PANVAC and Chair of the Regional Steering Committee of the GF-TADs for Africa) - Ameha Sebsibe (IGAD ICPALD) -David Balikowa (EAC Secretariat)
10:55 - 11:00	Objectives and adoption of the meeting agenda	-Neo Mapitse (OIE), FMD WG Co-chair
<b>Session 2 - Update the membership of the elected FMD Regional Advisory Group (RAG) for East Africa (Meeting objective 5)</b>		
11:00 - 11:10	Short introduction on the RAG (Terms of Reference, role and responsibility)	Madhur Dhingra (FAO), FMD-WG member
11:10 - 11:20	Call for nominations for the RAG	Neo Mapitse (OIE), FMD-WG Co-chair
<b>Session 3 - FMD virus situation at global and regional levels and implications (Meeting objective 2)</b>		
11:20 - 11:45	Overview of global and regional FMD situation and vaccines recommendations	Donald King (WRLFMD)
11:45 - 12:00	Implementation of the recommendations since the 3 <sup>rd</sup> EA roadmap meeting (2018) and alignment with recommendations from EA RAHN annual meeting in November 2021	CVO Uganda, Current RAG Chair
12:00 - 12:20	Q&A moderated session with all participants	All participants
<b>Session 2 (continue)- Update the membership of the elected FMD Regional Advisory Group (RAG) for East Africa (Meeting objective 5)</b>		
12:20 - 12:30	Rules of RAG Election	Neo Mapitse (OIE), FMD-WG Co-chair
12:30 - 12:40	RAG election – CVOs - (2022-2025)	Country CVOs (only), FMD-WG members, FAO and OIE regional representatives
12:40 - 12:50	Internal discussions among RAG (3 CVOs) newly elected members to nominate the RAG Chair	Newly elected RAG members, FMD-WG members, FAO and OIE regional representatives
12:50 - 14:00	Lunch	

	<b>Session 4 - Country reports on FMD situation and control</b> (Meeting objective 4)	<i>Chair: CVO Sudan, previous RAG member</i>
<b>14:00 - 15:00</b>	Recorded or live presentation (10 min per country) followed by Q&A (20 min) <ul style="list-style-type: none"> <li>• Burundi</li> <li>• Djibouti</li> <li>• Ethiopia</li> <li>• Somalia</li> </ul>	<i>Country CVOs and experts</i>
	<b>Session 4 (continue) - Country reports on FMD situation and control</b> (Meeting objective 4)	<i>Chair: New RAG Chair</i>
<b>15:00 - 15:30</b>	Recorded or live presentation (10 min per country) <ul style="list-style-type: none"> <li>• The Democratic Republic of Congo</li> <li>• Tanzania</li> </ul> <p>Discussions on regional FMD situation with all participants (10 min)</p>	<i>Country CVOs and experts</i>  <i>Moderator: Patrick Bastiaensen (OIE SRR EA)</i>
<b>END OF PLENARY SESSION DAY 1</b>		
<b>16:00 - 17:00</b>	Session 4 (continue) - (Meeting objective 3) <b>Closed sessions</b> Meeting with countries to (i) review their FMD situation, control activities and PCP-FMD stage (based on the self-assessment tool, presentation outcomes and control plan); (ii) discuss way-forward	<i>Panelists, CVOs and national experts</i>
<b>END OF DAY 1</b>		

DAY 2 Wednesday 30 March 2022		
Time EAT	Topics	Speakers
10:00 - 10:10	Recap of day 1 and presentation of the agenda for day 2	Ricarda Mondry (FAO SFE)
	<b>Session 5 - Support for the development and implementation of national FMD control strategies</b> (Meeting objective 1)	<b>Chair:</b> CVO, new RAG Chair
10:10 - 10:30	PCP-FMD Toolkit and supporting mechanisms for support and PCP-FMD progression of countries	Muhammad Javed Arshed (FAO) FMD-WG member
10:30 - 10:40	Q&A with all participants	All participants
	<b>Session 4 - Country reports on FMD situation and control</b> (Meeting objective 4)	<b>Chair:</b> CVO, new RAG member
10:40 - 11:30	Recorded or live presentation (10 min per country) followed by Q&A (20 min) <ul style="list-style-type: none"> <li>Rwanda</li> <li>Uganda</li> <li>Rep. Of Sudan</li> </ul>	Country CVOs and experts
11:30 - 11:50	Coffee Break	
	<b>Session 4 - Country reports on FMD situation and control</b> (Meeting objective 4)	<b>Chair:</b> CVO, new RAG member
11:50 - 12:40	Recorded or live presentation (10 min per country) followed by Q&A (20 min) <ul style="list-style-type: none"> <li>Kenya</li> <li>South Sudan</li> <li>Eritrea</li> </ul>	Country CVOs and experts
	<b>Session 6 - Vaccines and vaccination programs</b> (Meeting objective 2)	<b>Chair:</b> EAREN coordinator
12:40 - 13:00	Vaccination and post-vaccination monitoring and evaluation of vaccination programmes	Susan Kerfua (National Livestock Resources Research Institute, National Agricultural Research Organisation, Uganda) & David Paton (EuFMD)
13:00 - 13:10	Update on the FMD vaccines project in East Africa	Nina Henning and Jef Hammond (GALVmed)
13:10 - 13:20	Results of the FMD vaccination survey	Muhammad Javed Arshed (FAO), FMD-WG member
13:20 - 13:40	Q&A moderated session with all participants	All participants
<b>END OF PLENARY SESSION DAY 2</b>		
14:30 - 16:00	Session 4 (continue) - (Meeting objective 3) <b>Closed sessions</b> Meeting with countries to (i) review their FMD situation, control activities and PCP-FMD stage (based on the self-assessment tool, presentation outcomes and control plan); (ii) discuss way-forward	Panelists, CVOs and national experts
<b>END OF DAY 2</b>		



DAY 3 Thursday 31 March 2022		
Time EAT	Topics	Speakers
11:00 - 12:30	Session 8- Closed meeting RAG –to discuss the roadmap update –country meetings - and meeting recommendations	New RAG, Panelists including the GF-TADS FMD WG
13:30 - 13:40	<b>Recap of day 2 and presentation of the agenda for day 3</b>	Samuel Wakhusama (OIE SRR EA)
	<b>Session 7 - Roadmap Update (Meeting objective 7)</b>	<b>Chair:</b> David Balikowa, EAC Secretariat
13:40 - 14:00	Presentation of roadmap based on the RAG assessment	Muhammad Javed Arshed (FAO) FMD-WG member
	<b>Session 8 - Roadmap Conclusion (Meeting objective 8)</b>	<b>Chair:</b> Ameha Sebsibe (IGAD ICPALD)
14:00 - 14:30	Recommendations and discussions	New RAG Chair
14:30 - 15:00	Conclusions and closing remarks	FAO & OIE Representatives GF-TADs FMD Working Group
<b>END OF DAY 3 AND OF THE MEETING</b>		

### Closed Session: Panels composition and meeting schedule

(Meeting with each country to discuss the FMD situation, PCP-FMD and way forward)

Panel 1	Panel 2
Neo Mapitse (OIE)	Melissa McLaws (FAO)
Muhammad Javed Arshed (FAO)	Mohamed Sirdar (OIE)
Bolortuya Purevsuren (OIE)	Madhur Dhingra (FAO)
Fredrick Kivaria (FAO)	Patrick Bastiensen (OIE)
David Paton (EuFMD)	Charles Bebay (FAO)
Wilmot Chikurunhe (EuFMD) *	Kees Van Maanen (EuFMD)
	Etienne Chevanne (EuFMD) *

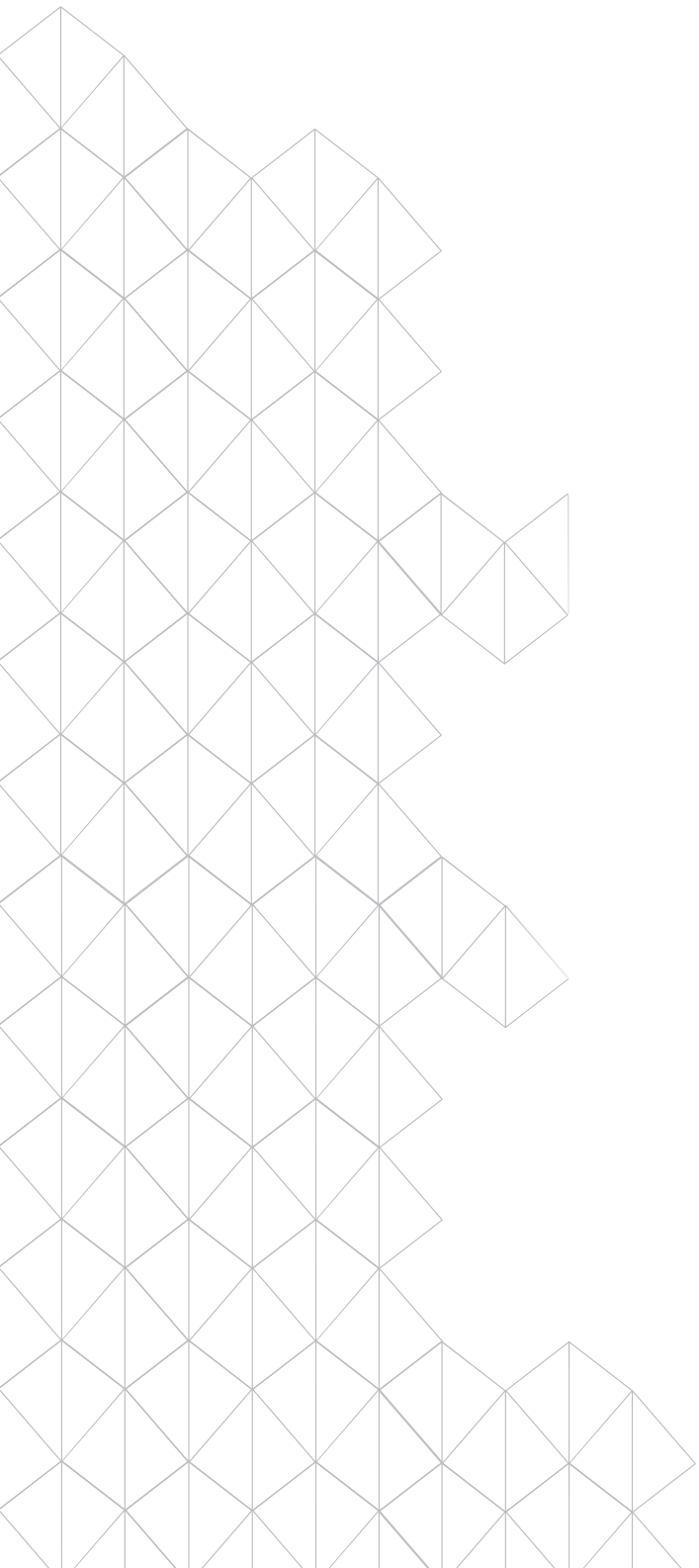
\*rapporteurs

#### Day 1 (time in EAT, UTC+3)

Panel 1 (EAT)	Panel 2 (EAT)
▪ Ethiopia (16:00)	▪ Burundi (16:00)
▪ Somalia (16:30)	▪ Djibouti (16:30)
Interpretation available	
▪ N/A	▪ En, Fr

#### Day 2 (time in EAT, UTC+3)

Panel 1 (EAT)	Panel 2 (EAT)
▪ Uganda (14:30)	▪ Rwanda (14:30)
▪ Kenya (15:00)	▪ South Sudan (15:00)
▪ Eritrea (15:30)	▪ Rep. of Sudan (15:30)
Interpretation available	
▪ N/A	▪ N/A



This event is organized under the umbrella of

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