



Implemented by



Awareness Creation and Information Sharing Protocol for Coordination, Prevention, and Control of Transboundary Animal Diseases (TADs) in IGAD Cross-Border Areas



Moyale



Lodwar



Mandera

1. Introduction and Background

Transboundary Animal Diseases (TADs), including Foot and Mouth Disease (FMD), Peste des Petits Ruminants (PPR), and Contagious Bovine Pleuropneumonia (CBPP), continue to



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



pose significant threats to livestock-dependent livelihoods, food security, and regional trade across the IGAD region. The highly mobile nature of pastoral systems, porous international borders, and frequent cross-border livestock movements increase the risk of disease transmission and complicate control efforts.

In response to these challenges, IGAD, through the IGAD Centre for Pastoral Areas and Livestock Development (ICPALD), in collaboration with Member States, developed and signed Memoranda of Understanding (MoUs) and an Information Sharing Protocol aimed at strengthening cross-border coordination, surveillance, prevention, and control of TADs. Despite these efforts, implementation at county, border, and community levels has remained weak, largely due to limited awareness of the frameworks, unclear institutional roles, and inadequate operational coordination mechanisms.

To address these gaps, ICPALD, in partnership with national and subnational Departments of Veterinary Services (DVS) from Kenya, Ethiopia, South Sudan, and Somalia, organized three one-day awareness creation meetings in key cross-border locations: Moyale (Marsabit County), Lodwar (Turkana County), and Mandera (Mandera County). The meetings corresponded to IGAD Clusters 1, 2, and 3 and were funded by GIZ under the *Support for Effective Peaceful and Resilient Borderlands Coordination (PRBC) Programme* through a Finance Agreement.

2. Purpose of the Meetings

The overall purpose of the meetings was to build awareness among relevant stakeholders on the existence, purpose, and scope of the signed MoUs and the Information Sharing Protocol, and to clarify roles and responsibilities in strengthening coordination, prevention, and control of TADs across IGAD cross-border clusters.

3. Specific Objectives

The meetings aimed to:

- i. Sensitize stakeholders on the content, purpose, and implementation mechanisms of the MoUs and the Information Sharing Protocol.
- ii. Clarify institutional roles and responsibilities for national, county, and local-level actors in cross-border coordination.
- iii. Promote collaboration and information exchange among veterinary authorities, border agencies, development partners, and communities.



Implemented by



- iv. Promote adoption of harmonized surveillance, reporting, and response mechanisms for TADs.
- v. Gather stakeholder inputs and recommendations to strengthen operationalization of the MoUs and cross-border coordination structures.

4. Methodology and Approach

Each meeting was conducted over one day and combined plenary presentations, facilitated discussions, and group work sessions. Presentations focused on the signed MoUs, the Implementation Framework, Information Sharing Protocol, and expectations for implementation at national, subnational, and community levels. Group work enabled participants to identify operational gaps, challenges, and practical recommendations for improving cross-border coordination.

5. Meeting Proceedings by Location

5.1 Moyale Meeting (Marsabit County, Kenya)- 15th December, 2025

Participants: The Moyale meeting brought together 25 participants from Kenya and Ethiopia drawn from ministries responsible for animal resources, Departments of Veterinary Services, the private sector, GIZ, NGOs, CBOs, CSOs, ICPALD and Community Animal Health Workers (CAHWs).



Opening Session: The meeting was officially opened by **Dr. George Njogu**, on behalf of the Chief Veterinary Officer (CVO) of Kenya. In his remarks, he emphasized the importance of cross-border collaboration in managing TADs and

underscored the need to translate signed regional agreements into practical actions at border and community levels.

Key Discussion Points:

- Limited awareness of the signed MoUs and Information Sharing Protocol among frontline veterinary officers, border officials, and communities most of whom were recently recruited.



giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Key Discussion Points: -



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



- Frequent cross-border livestock movements between Kenya, Ethiopia, and South Sudan without harmonized health certification.
- Fragmented surveillance systems and parallel reporting channels among countries.
- Limited joint planning for preparedness and response to TAD outbreaks.
- Opportunities for leveraging FAO and GIZ-supported initiatives to strengthen coordination.
- Most of the legal and policy documents in South Sudan are still bills making enforcement of the law difficult
- Very poor funding of animal health interventions by the government. Most support comes from development partners like FAO, NGOs, AfDB etc



Group Work Outputs – Identified Gaps and Challenges:

- Weak enforcement of agreed cross-border movement control measures.
- Limited data sharing on disease outbreaks, vaccination coverage, and risk mapping.
- Capacity gaps among local veterinary staff and community animal health actors.
- Security challenges and difficult terrain affecting joint operations and information flow.
- Poor communication coverage- roads and internet that limit animal health service delivery
- Limited awareness by local actors about the signed MoU and information sharing protocol

5.3 Mandera Meeting (Mandera County, Kenya)

Participants: The Mandera meeting brought together 22 participants from Kenya, Ethiopia, and Somalia, drawn from similar institutions including veterinary authorities, county governments, NGOs, CBOs, CSOs, development partners, and community representatives.



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Opening Session: The meeting was officially opened by the **County Executive Committee**



**Member
(CECM)
for
Mandera
County,**
who
reaffirmed
the
county's

commitment to cross-border cooperation and emphasized the need for trust-building and sustained information sharing among neighboring countries. Welcome remarks were made by ICPALD.

Key Discussion Points:

- High vulnerability of the Mandera triangle to TAD outbreaks due to intense livestock trade and mobility.
- Trust deficits and political sensitivities affecting timely information sharing.
- Need for harmonized surveillance tools and joint outbreak investigations.
- Importance of engaging border security agencies alongside veterinary services.
- Importance to strengthen the one health approach for management of zones
- Good to consider animal welfare issues and effects of drought to livestock sector

Group Work Outputs – Identified Gaps and Challenges:



- Inconsistent application of the signed MoUs at border points.
- Limited institutionalization of cross-border coordination meetings.
- Language barriers and differing administrative procedures across countries.

- Inadequate financing for sustained cross-border surveillance and response.

6. Cross-Cutting Issues Identified Across the Meetings

Across all three meetings, participants consistently highlighted:

- Low awareness and understanding of the MoUs and Information Sharing Protocol at operational levels.
- Unclear roles and responsibilities between national, county, and local actors.
- Weak and *ad hoc* information sharing mechanisms between all actors.
- Resource (financial and skilled personnel) constraints affecting joint surveillance, vaccination, and response activities.
- Need for stronger community engagement and feedback mechanisms.
- Increased frequency of drought affecting availability of pasture and water to livestock

7. Key Recommendations

1. Institutional and Policy Coordination

- Strengthen operationalization of the multilateral MoU through clear implementation guidelines, SOPs, and joint annual workplans.
- Establish and formalize cross-border animal health coordination committees at strategic border points along the porous borders.
- Harmonize national policies, legal instruments, and disease control procedures in line with IGAD regional frameworks- SMP-AH, Lab and quarantine.
- Strengthen linkages (nomination and activation of focal points) between IGAD, national, county/regional, and local veterinary authorities.

2. Surveillance, Reporting, and Early Warning

- Strengthen implementation of harmonized surveillance and reporting systems for priority TADs across border areas.



Implemented by



- Promote real-time information sharing on outbreaks, alerts, and risk factors.
- Integrate community-based surveillance and indigenous early warning knowledge into national systems.

3. Joint Prevention and Response Measures

- Coordinate synchronized vaccination campaigns, outbreak investigations, and risk assessments in border areas.
- Harmonize vaccination calendars, movement controls, and quarantine procedures.
- Conduct joint simulation exercises and emergency response drills to test preparedness.
- Strengthen collaboration between veterinary services, border agencies, and security organs.
- Strengthen timely information and report sharing- emails, WhatsApp, calls

4. Capacity Building and Resource Mobilization

- Build the capacity of border veterinary officers, CAHWs/ CDR, and local actors on TAD prevention and reporting.
- Advocate for allocation of dedicated national and county/regional budgets for cross-border animal health activities.
- Mobilize support from development partners and regional institutions to sustain interventions.
- Lab training on 16 SOPs- Marsabit, Turkana, Filtu & Yabelo laboratories,
- Develop Protocol for sharing diagnostic facilities
- Train technical teams on updated SMP-AH and quarantine

5. Community Engagement and Awareness

- Intensify awareness creation among pastoralist communities, traders, and transporters on TAD risks.
- Promote trust-based communication channels to encourage early disease reporting.
- Involve community leaders and associations in planning and implementation of interventions.

6. Regional Integration and Sustainability

- Align multilateral actions with IGAD regional strategies and standards on TAD control.
- Promote cross-border livestock trade facilitation while safeguarding animal health.
- Institutionalize cross-border coordination mechanisms to ensure long-term sustainability.

8. Conclusion

The awareness creation meetings in Moyale, Lodwar, and Mandera significantly enhanced stakeholders' understanding of the signed MoUs and the Information Sharing Protocol for



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



coordination, prevention, and control of TADs in the three IGAD clusters. The meetings provided a critical platform for dialogue, identification of operational gaps, and development of practical recommendations. Strengthening follow-up actions and institutionalizing cross-border coordination mechanisms will be essential to translating these frameworks into sustained improvements in TAD surveillance, prevention, and control across the IGAD region.

Annex 1: Agenda

Time	Content / Activities	Facilitator / Responsible
08:30 – 09:00	Participant registration; distribution of materials	ICPALD & County DVS
09:00 – 09:20	- Welcome remarks (County DVS) - Remarks (ICPALD) - Remarks (GIZ Rep) -Remarks (Zonal Rep) - Opening Remarks (National DVS)- Kenya	County DVS, ICPALD GIZ Zonal Rep National DVS,
9.20-10.00	-Meeting objectives -Overview and content of signed MoUs & IGAD Information Sharing Protocol; key provisions, purpose, and pathways	Julius (ICPALD) Dr. Wamalwa (ICPALD)
10.00 – 10:40	Overview of TADs in IGAD Cluster 2 cross-border areas; FMD, PPR, CBPP trends	Dr. Boku and Dr. (County/Zonal Veterinary Officer
10:40-11.00	Group Photo and Health Break	All
11.00 – 11:20	Roles & responsibilities of national, county, local actors; border agencies; communities	Dr. Wamalwa (ICPALD)
11:20 – 12:00	Harmonized surveillance, reporting & response mechanisms; cross-border early warning	Dr. Wamalwa (ICPALD)
12.00- 13.00	Plenary discussion	



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



13:00- 14.00	Lunch	All
14:00 – 16:00	Group discussion: • Operational gaps in MoU implementation • Challenges in cross-border coordination • Proposed actions (roadmap) & recommendations Plenary presentations	Facilitators (ICPALD & DVS)
16:00	Consolidation of key recommendations,	ICPALD
16:00 – 16:30	Closing remarks (ICPALD, National DVS, County Govt.)	ICPALD & DVS
16:30	Health break; departure of participants	All

Annex 2: List of participants

Moyale

#	Name	G	Title	Institution	Country	Email	Contact
1.	Dr. Meron Moges	F	Head, Disease Prevention & Control	MoA	Ethiopia	meron.moges390@gmail.com	+251912042085
2.	Dr. George Njogu	M	Deputy Director of Vet Services Kabete	MoA - Kabete	KENYA	njorogen2003@yahoo.com	
3.	Dr. Boku Botha	M	County Director of Vet Services, Marsabit County	MoA – Marsabit County	KENYA	bokubodha@gmail.com	0721626248
4.	Mohamed Daju Jillo	M	Private sector animal health provider	MoA - Marsabit County	KENYA	Mohammeddaju50@gmail.com	0708267406
5.	Richard Karuti	M	Laboratory Officer	MoA – Marsabit County	KENYA	karutirichard@gmail.com	0724131938
6.	Hassan Nura Guyo	M	Epidemiologist	MoA - Marsabit County	KENYA	hassannuraguyo@gmail.com	0713121966



Co-funded by
the European Union



DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



7.	Abdub Ibrahim Arero	M	CDR	Marsabit County	KENYA		0795151760
8.	Max Leinte	M	NGO	Marsabit County	KENYA	maxleinte@gmail.com	0710373712
9.	Mamo Waqo Dado	M	Chairperson	CODEF (CSO)	KENYA	Mamowako20@gmail.com	0729865700
10.	Bokayo Tumul Orto	F	Gender Devt & Women Studies	Marsabit	Kenya	bboke4295@gmail.com	0724288874
11.	Dr. Galma Wako Liben	M	Borana Zone Veterinary officer	Ministry of Agriculture	Ethiopia	galmawako.gwl@gmail.com	+251914893938
12.	Dr guyo Kanchora	M	Yabalo Regional veterinary Laboratory surveillance team	Yabalo Zone	Ethiopia	guyokanch@gmail.com	+251911903811
13.	Tadhi Jilo	M	Taltale Woreda veterinary officer	BVSC	Ethiopia	Libantadi56@gmail.com	+251916797281
14.	Guyo Arero	M	Dilo Woreda veterinary officer	BVSC	Ethiopia	guyoarero6@gmail.com	+251955949351
15.	Dr. Gayo Halake	M	Dire Woreda Veterinary officer	Ministry of Agriculture	Ethiopia	drgayohalake15@gmail.com	+251932403143
16.	Boru Dida	M	Miyo Woreda veterinary officer	BVSC	Ethiopia	Borudida94@gmail.com	+251916459771
17.	Dr. Halkano Guyo	M	Moyale Woreda veterinary officer	Ministry of Agriculture	Ethiopia	halkeguyo32dvm@gmail.com	+251915609651
18.	Katelo Koto	M	Dire Woreda CAHWS	Community Animal Health Worker	Ethiopia	-----	+251979078948
19.	Boru Roba Bukura	M	Community Leader		Ethiopia	-----	+251926260903
20.	Galma Maliso	M	One Health Officer	VSF-Suisse	Ethiopia	galmama37@gmail.com	+251913334390
21.	Dida Galm	M	Head – CBDFU	GIZ	Kenya	dida.galm@giz.de	
22.	Dr. Wamalwa Kinyanjui	M	Senior Animal Health Expert	IGAD	Kenya	Wamalwa.kinyanjui@igad.int	+254 722887723
23.	Julius Muyizzi	M	GIS/RS Expert	IGAD	Kenya	Julius.Muyizzi@igad.int	+256 778366635



Co-funded by
the European Union



german
cooperation

DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



24.	Marren Ouma	M	HR Officer	IGAD	Kenya	Marren.ouma@igad.int	+254 721351065
25.	Edwin Chege	M	Driver	IGAD`	Kenya	Edwin.Chege@igad.int	+254 721761893



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Lodwar, Kenya

No.	Name	Gender	Organization	Title	Country
1	Francis Lobongo	M	GIZ-SCIDA	RDA	Kenya
2	Muyizzi Julius	M	ICPALD	Pastoralism Expert	Kenya
3	Dr. Wamalwa Kinyanjui	M	ICPALD	Animal Health Expert	Kenya
4	Dr. Daniel Irunga Njuguna	M	DVS Kenya	Deputy Director Veterinary Services	Kenya
5	Atana James	M	Turkana County Government-Livestock Production	Livestock Officer	Kenya
6	Ronald Kufwafwa Nyukuri	M	Turkana County Government-Livestock Production	Livestock Officer	Kenya
7	Josephine Emase	F	Turkana County Government-Livestock Production	Deputy Director Livestock Production	Kenya
8	Korobe Lapur Lomoit	M	Livestock Office, Turkana	BDR	Kenya
9	Dr. John Kiplangat Sang	M	Turkana County Government-VET Services	Veterinary Officer	Kenya



Co-funded by
the European Union



german
cooperation

DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



10	Philip Newton	M	WHH	Head of Program	Kenya
11	Longor Etele Benson	M	Turkana County Government- VET Services	County Director Veterinary Services	Kenya
12	Dr. Erenius Nakadio	M	Turkana County Government- VET Services	County Epidemiologist	Kenya
13	Dr. Mwangi Kepher	M	Turkana County Government- VET Services	Assistant Director Veterinary Services	Kenya
14	Seline Ekitela Achuku	F	Turkana County Government- VET Services	Chief Lab Technologist	Kenya
15	Mercyline Shena	F	Livestock Office, Turkana	Animal Health	Kenya
16	David Shikuku Kongole	M	TUPADO	Head of Program	Kenya
17	Nelson Lotalia	M	Livestock Office, Kapoeta East	Veterinary Officer	South Sudan
18	Lomongin Jemimah	M	Livestock Office, Kapoeta East	Veterinary Officer	South Sudan
19	Tisian Tafeng	M	Livestock Office, Kapoeta East	Epidemiologist	South Sudan
20	Wani Bosco	M	Livestock Office, Kapoeta East	Coordinator	South Sudan



Co-funded by
the European Union



german
cooperation

DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



21	Achuku Fekadu	M	Livestock Department, South Omo	Driver	Ethiopia
22	Yeshidagu Tekuye	M	Livestock Department, South Omo	Driver	Ethiopia
23	Dr. Zanga Gnayita	M	Livestock Department, South Omo	Surveillance Officer	Ethiopia
24	Samuel Gnawat	M	Livestock Department, South Omo	Head, Veterinary	Ethiopia
25	Dr. Jossy Beleke	M	Livestock Department, South Omo	Epidemiologist	Ethiopia
26	Dr. Bayilla Geda	M	Livestock department, South Omo	Laboratory Personnel	Ethiopia



Co-funded by
the European Union



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Mandera, Kenya

No.	Name	Gender	Organization	Title	Country
1	Muyizzi Julius	M	ICPALD	Pastoralism Expert	Kenya
2	Dr. Wamalwa Kinyanjui	M	ICPALD	Animal Health Expert	Kenya
3	Barre Mohamed	M	Mandera County Government	CECM - Agriculture	Kenya
4	Mohamed Adan Issack	M	Mandera County Government-VET Services	CCO – Livestock	Kenya
5	Anis Hassan Yussuf	M	Mandera County Government-AGRO-VET	Livestock Officer	Kenya
6	Ali Noor Mohamed	M	Mandera County Government-VET Services	County Director Veterinary Services	Kenya
7	Idris Yussuf Hassan	M	Mandera County Government-VET Services	County One Health Coordinator	Kenya
8	Amin Abdi Issak	M	Mandera County Government-VET Services	County Disease Surveillance Coordinator	Kenya
9	Abdullahi Adan Dahir	M	Mandera County Government-VET Services	Veterinary Officer	Kenya



Co-funded by
the European Union



german
cooperation

DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



10	Hassan Mohamed Aburo	M	Mandera County Government- VET Services	Laboratory Personnel	Kenya
11	Shirar Adow Mohamed	M	Ministry of Livestock, Fisheries Resources, MoLFR	Veterinary Officer	Somalia
12	Mohamud Abdullahi Abdille	M	Ministry of Livestock, Fisheries Resources, MoLFR	Livestock Officer	Somalia
13	Mohamed Abdirahman Mohamud Guure	M	Ministry of Livestock, Fisheries Resources, MoLFR	Veterinary Officer	Somalia
14	Mohamed Sheik Hassan	M	Gedo Region	Veterinary Officer	Somalia
15	Abdirashid Abdullahi Hassan	M	Filtu Regional Veterinary Lab	Epidemiologist	Ethiopia
16	Abdi Rashid Mahad Macalin	M	Dollo Bay Veterinary	Veterinary Officer	Ethiopia
17	Rabiya Ibrahim	F	Filtu Regional Veterinary Lab	Veterinary Officer	Ethiopia
18	Abdullahi Adan Ahad	M	Filtu Regional	Director Laboratory	Ethiopia



Co-funded by
the European Union



german
cooperation

DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



			Veterinary Lab		
19	Ali Ibrahim	M	Somali Region Pastoral Development	Livestock Coordinator, Liban Zone	Ethiopia
20	Bashir Mohamad	M	Somali Region Pastoral development	Livestock Coordinator, Afdher Zone	Ethiopia
21	Dr. Zekariye Iftin Afey	M	Filtu Regional Veterinary Lab	Head Surveillance Office	Ethiopia
22	Hussein Madey	M	FAO (KE)	NRM Focal Point	Kenya