



Insights and recommendations for implementing PPPs in the veterinary domain

A PPP Landscape Survey Study – Eastern Africa

**HYBRID ORIENTATION MEETING
AFRICA PUBLIC-PRIVATE PARTNERSHIPS FORUM IN THE
VETERINARY DOMAIN
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AgResults Foot and Mouth Disease (FMD) Vaccine Challenge Project

An eight-year, US\$17.68 million prize competition that supports the development and uptake of high-quality FMD vaccines tailored to meet the needs of Eastern Africa in six target countries: Burundi, Ethiopia, Kenya, Rwanda, Tanzania, and Uganda.

The project aims to achieve 3 objectives:

1. Development and registration of high-quality FMD vaccines, tailored for the needs of Eastern Africa
2. Increased vaccine production and regional purchases to create greater market stability and reduce price
3. Development of a private sector model for buying and distributing FMD vaccines to complement public sector efforts

To achieve these objectives, the Project utilises:

- ✓ A **Cost-Share** incentive, designed to include public and private sector buyers

Project Development of PPP Framework to Address Challenges in the FMD Vaccine Value Chain

PPP Framework Objective and Value

To create awareness about the benefits that PPPs can bring to the Foot and Mouth Disease Vaccine Value Chain (FMD VVC) in Eastern Africa - from production, purchasing, distribution, delivery, and vaccinations to post-vaccination monitoring – to complement current public sector efforts, resulting in improved vaccine accessibility for farmers and greater market stability.

Scope of the PPP Framework

Customize aspects of the WOAHP PPP Handbook into a practical framework that can be further developed into appropriate commitments between partners.

The Framework addresses the challenges of the FMD VVC and is relevant to the unique FMD control situation in each of the Project's target countries. It can also be applied more broadly to other livestock VVCs and other geographies.



PPP Framework Development: Stakeholder Outreach and Engagement

In 2021, the project conducted outreach to more than 140 key stakeholders in Eastern Africa and beyond. **Both Public (47%) and Private (53%) sectors contributed.**

Public Sector

- ✓ DVS/CVO office - BR, ET, KE, TZ, RW, UG
- ✓ Public veterinarians
- ✓ Veterinary Regulatory and Registration Authorities
- ✓ Veterinary Laboratory Agencies/Authorities
- ✓ Vaccine manufacturers
- ✓ National ranches/livestock enterprises

Private Sector

- ✓ Vaccine distributors and suppliers
- ✓ Private veterinarians and para-vets
- ✓ Ranches and livestock enterprises
- ✓ Dairy enterprises and cooperatives
- ✓ Livestock exporters
- ✓ Regional and national associations

Global and Regional Institutions

- ✓ WOA
- ✓ EuFMD
- ✓ EAC
- ✓ AU-PANVAC
- ✓ IGAD/ICPALD
- ✓ AU-IBAR
- ✓ FAO-ECTAD

Stakeholder Feedback 1: PPP Challenges and Opportunities

1. Challenge: High costs of vaccination

- **Opportunity Area:** PPP with private veterinarians and veterinary paraprofessionals.

2. Challenge: Limited capacity in vaccine supply chains

- **Opportunity Areas:** (1) PPP with vaccine manufacturer(s) to invest in enhanced public sector cold chain, and (2) PPP to outsource cold chain distribution to private sector (private distributors, vets, and vet paraprofessionals).

3. Challenge: Long vaccine supply lead times

- **Opportunity Area:** PPP with FMD vaccine manufacturer for projected supply and/or supporting the process of demand forecasting.

4. Challenge: Lack of vaccine to address all the regional FMD risks

- **Opportunity Area:** PPP arrangement between local (govt) manufacturer and an international vaccine manufacturer.

5. Challenge: Limited serotyping and vaccine matching

- **Opportunity Area:** PPP with 1. Existing laboratory institutions, 2. Potential local dairy or meat associations to help with capacity building and equipment upgrades.

6. Challenge: Limited post-vaccination monitoring

- **Opportunity Area:** PPP with VPPs (under supervision of vets, to ensure proper coordination, data analysis, and subsequent plan of actions).

Note: challenges 1-3 apply to all AgResults FMD Project target countries, and challenges 4-6 apply to a subset of target countries.

Stakeholder Feedback 2: General Overview of PPPs in Eastern Africa

1. Stakeholders were unanimous on the need for PPPs in FMD VVC.
2. Stakeholders acknowledged gaps in current public sector provisions for FMD control. Most common gaps include:
 - Poor vaccine supply and vaccination coverage
 - Reactive and ad-hoc procurement of vaccines
 - Lack of involvement of private sector in FMD control
3. Legal and administrative structures for PPPs in Eastern Africa are limited to sectors of infrastructure development, energy and water. PPP units are situated in ministries of finance and economic development.
 - There is need for establishment of links between the respective PPP units to the agriculture sector to be able to create an enabling environment for PPPs in the FMD VVC.

Stakeholder Feedback 3: Enabling Environment Challenges and Key Support Areas

Key landscape and enabling environment challenges for developing PPPs include:

- Unclear policies and absence of a legal framework for PPPs.
- Trust issues between the public and private sectors.
- Budget shortage/limitation.

Areas of support that are needed to enable establishment of PPPs in FMD VVC include:

- Training, raising awareness and advocacy of PPPs.
- Development of an institutional framework, legal framework and a PPP Technical Unit in the livestock sector.
- Provision of portable cold chain storage units to be used in field by vaccinators.

Proposed Recommendations for Africa PPP Forum Implementation

Participation:

- Discussions on PPP way forward must involve representatives from both Public and Private sectors.

Content:

- Include case examples of successful PPPs in the Veterinary Domain in Africa, e.g Ambuvet (Nigeria), Tunisia and Namibia. Provide support to facilitate attendance of guest speakers at the Forum?
- Expand focus from capacity building for PPPs to also supporting PPP incubation (as case examples to demonstrate benefits).
 - *Model for agribusiness PPP incubation in Africa:* <https://www.snv.org/project/2scale-largest-incubator-inclusive-agribusiness-africa>
- Address/discuss Enabling Environment Challenges and Key Support Areas (previous slide) to open the PPP space in the Veterinary Domain.

PPP Framework: Additional Resources

Visit the GALVmed website to review the full PPP Framework and read more about the framework development process:

PPP Framework: <https://www.galvmed.org/wp-content/uploads/2021/09/PPP-Framework-FINAL-310821.pdf>

GALVmed Blog Articles:

1. [A Step Forward with FMD Public-Private Partnerships in Eastern Africa](#)
2. [Reflections on how Public-Private Partnerships can address FMD in Eastern Africa](#)
3. [Developing a Public-Private Partnership Framework for FMD in Eastern Africa](#)

Interested individuals are encouraged to sign up on the Project website to receive updates about project milestones:

www.galvmed.org/foot-and-mouth-project