



# Towards a More Resilient Veterinary Workforce for Africa 2024

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*Animal health is our health. It's everyone's health*



**BMZ**

Federal Ministry  
for Economic Cooperation  
and Development



**BILL & MELINDA  
GATES foundation**





# Public Private Partnerships in Veterinary Product Development and Supporting Sustainable Livestock Value Chains

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# INTRODUCTION TO GALVmed

## WHAT

- International non-for-profit organization dedicated to Animal Health **product and business development.**



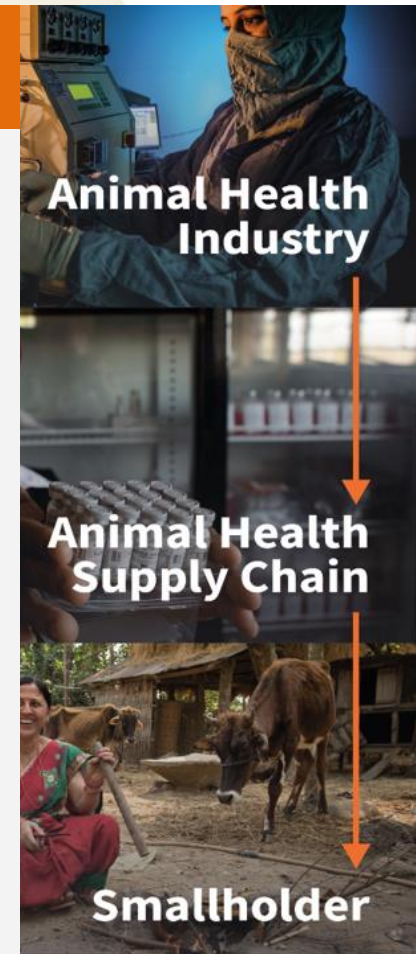
## WHY

- Transformational improvement** in the wellbeing and economic progression of small-scale livestock producers (SSPs).
- Improve access to veterinary products** for SSPs in sub-Saharan Africa and the Indian subcontinent.



## HOW

- Understanding barriers** to animal health and how to overcome them.
- Engaging** with the animal health industry & stakeholders.
- Ensure **Awareness, availability & adoption** of effective animal health interventions.



# LIVESTOCK, ANIMAL HEALTH & ANIMAL HEALTH PRODUCTS



**Fastest growing, highest-value** agricultural subsector globally



**Growing demand** for animal-derived protein



**Growing business interest** in sub-Saharan Africa & South Asia



**70% of the rural poor** depend on livestock for income (FAO)



Prospects for **rural employment, women and youth**



An estimated **20%** of animal productivity is **lost to infectious animal diseases**



**Animal Health Products** and particularly **Vaccines** allow to prevent and control animal diseases and aid to:


- Improve **animal health, animal welfare & livestock productivity**
- Generate income and alleviate **poverty** and drive **development**
- Improve **nutrition and food security**
- Reduce the **environmental footprint** of livestock production systems
- Reduce the need for **antimicrobials** through disease prevention


Sources: World Bank, FAO & WOAH


# LIMITED ACCESS TO ANIMAL HEALTH PRODUCTS CONSTRAINS FARMERS' ABILITY TO MANAGE ANIMAL HEALTH & WELFARE IN SUBSAHARAN AFRICA

## Product Availability Survey (>100 Veterinarians, Veterinary Service Providers & Retailers, GALVmed 2019)

Product Class	Poultry Production Segments			Ruminant Production Segments		
	SSP-	SSP+	Commercial	SSP-	SSP+	Commercial
Vaccines	Yellow	Green	Green	Red	Red	Yellow
Therapeutics	Yellow	Green	Green	Yellow	Green	Green

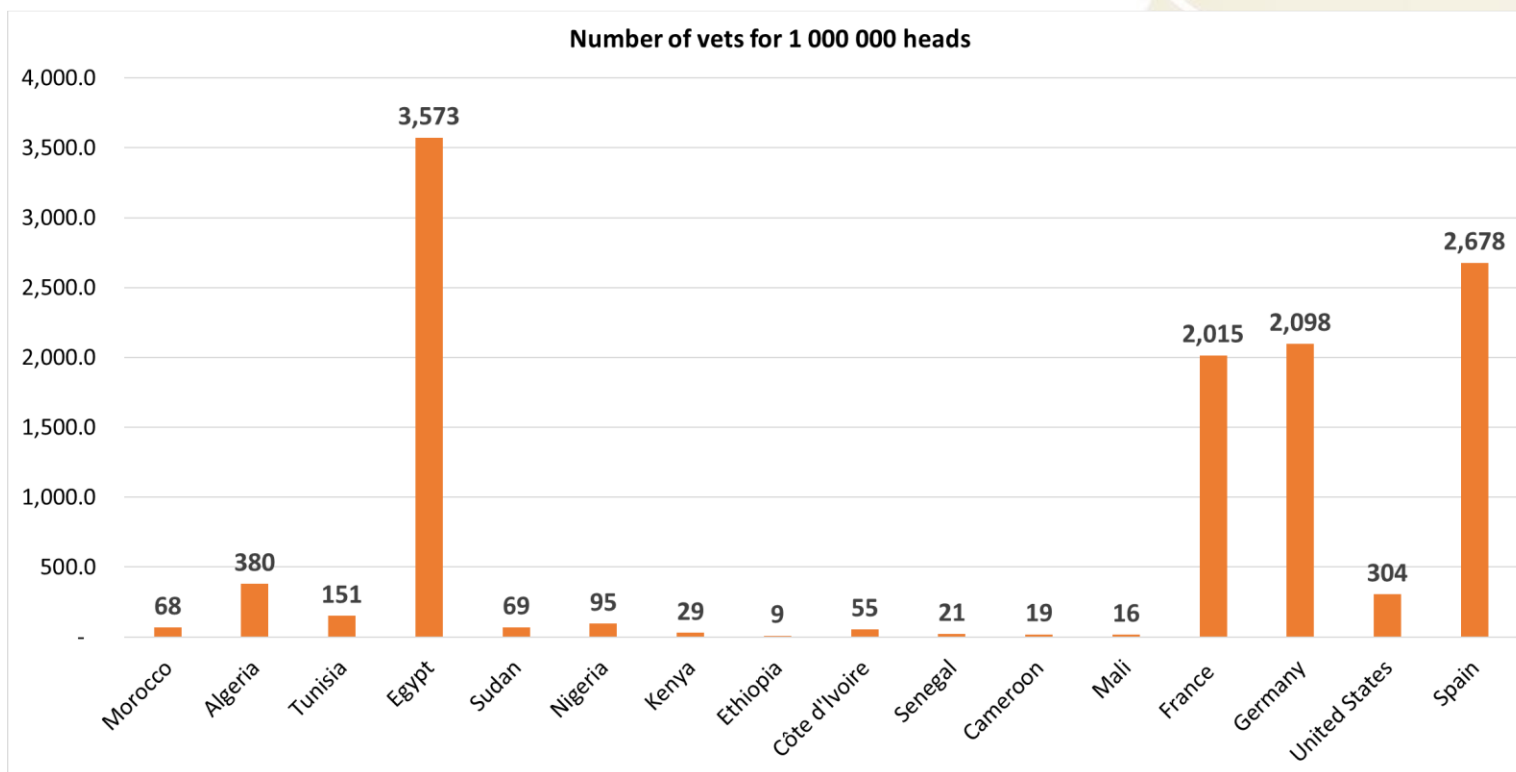
 Critically low access to and uptake of key products in this class

 Weak access to and uptake of key products in this class

 Relatively good access to and uptake of key products (with caveats)

**SSP-** = subsistence or backyard small-scale livestock producer / **SSP+** = emerging commercial small-scale livestock producer / **Commercial** = commercial livestock producer

# ACCESS TO EFFECTIVE AND AFFORDABLE VETERINARY CARE IS A KEY CONSTRAINT FOR MANY AFRICAN FARMERS



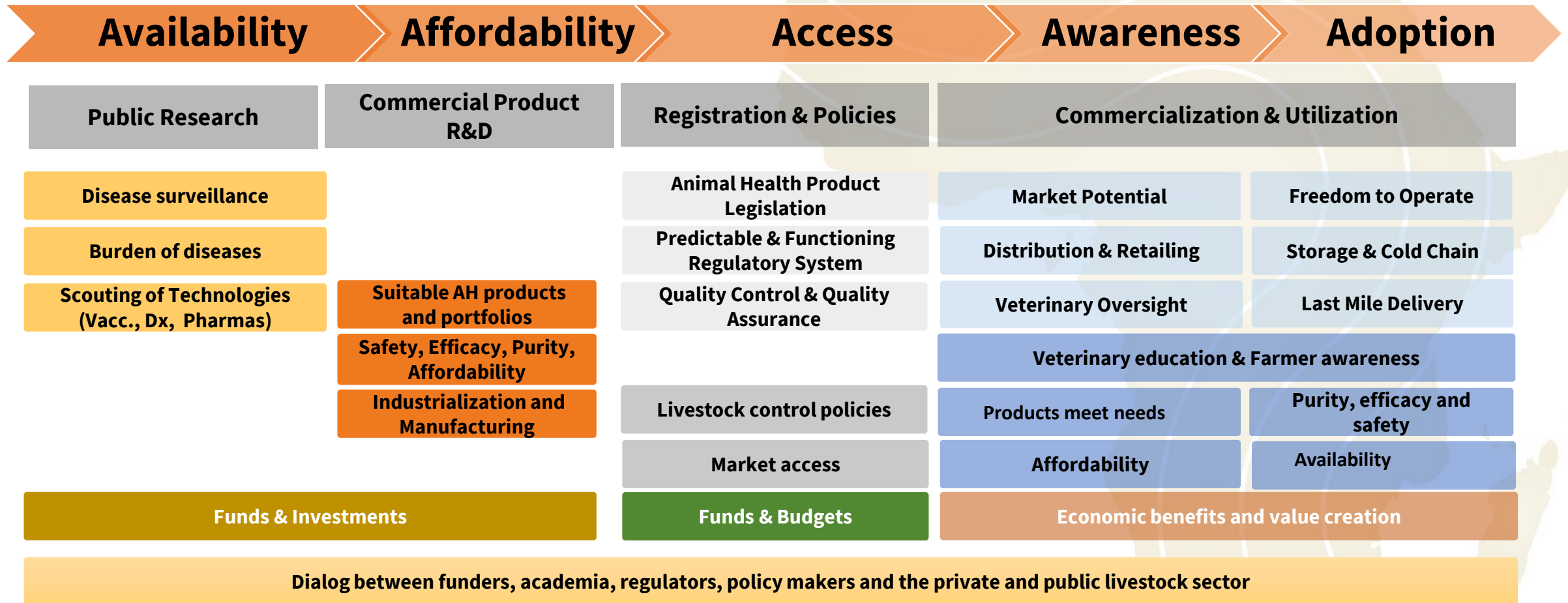
**500 heads** **FRANCE**

**35 000 heads** **KENYA**



**x70 times**

# THE ANIMAL HEALTH PRODUCT VALUE CHAIN IS COMPLEX AND HIGHLY DISRUPTED



## EFFECTIVE PPPs IN THE VETERINARY DOMAIN (Examples)

### INNOVATION & NEW PRODUCT DEVELOPMENT

Facilitation of new **product development** with the AH-industry (GALVmed, Hester, BIAH, CEVA, Elanco, MCI, JOVAC, BIOPHARMA etc.)

**Product development platform** for African disease control needs (GALVmed, ILRI, ClinGlobal, CVIM)

### REGULATORY CAPACITY BUILDING

Regulatory Harmonization in Eastern Africa (**EAC-MRP**)

New Veterinary **Parasiticide Legislation** (EAC-MRP)

### SUSTAINABLE & EFFICIENT DISEASE CONTROL

Coordination of **FMD control** in Latin America (PAHO/PANAFTOSA, Governments, AHI & Livestock producers)

Public Sector coordinated sanitary mandates involving **private sector** (West Africa)

Sources: World Bank, FAO & WOA



# WAY FORWARD FOR SUSTAINABLE LIVESTOCK PRODUCTION SYSTEMS

- **The Livestock production and animal health input value chains are** highly complex, functionally disrupted, misaligned with farmer needs, subject to disease and climate shocks, and often commercially non-viable.
- **Innovation, knowledge, veterinary care and animal health products do not reach farmers** due to a lack of awareness and cooperation, gov. interference with market dynamics, weak distribution systems and public and private veterinary service infrastructures, unpredictable regulatory and inefficient quality assurance systems.
- Building **functional, productive and sustainable livestock production systems and value chains** is no longer a choice or a single stakeholder group's mandate, but a societal demand and **responsibility of all livestock value chain players**.
- **Public and private stakeholders should collaborate and build PPPs to identify and gradually lift barriers** that today constrain the livestock value chain and limit the progression of innovation and development of the livestock sector in sub-Saharan Africa.

Sources: World Bank, FAO & WOAH

If you want to know more  
about us, please visit:  
[www.galvmed.org](http://www.galvmed.org)



Protecting Livestock - Improving Human Lives



**THANK YOU**