



Protecting Livestock – Improving Human Lives

Veterinary paraprofessionals and Animal Health Services Delivery.

S. Adediran, A. Twahir and L. Muraguri.

Linking Veterinary paraprofessionals with Veterinarians

WORLD ORGANISATION FOR ANIMAL HEALTH VETERINARY PARAPROFESSIONAL CONFERENCE

St. George Hotel & Conference Centre, Pretoria, South Africa.

13th - 15th October, 2015.

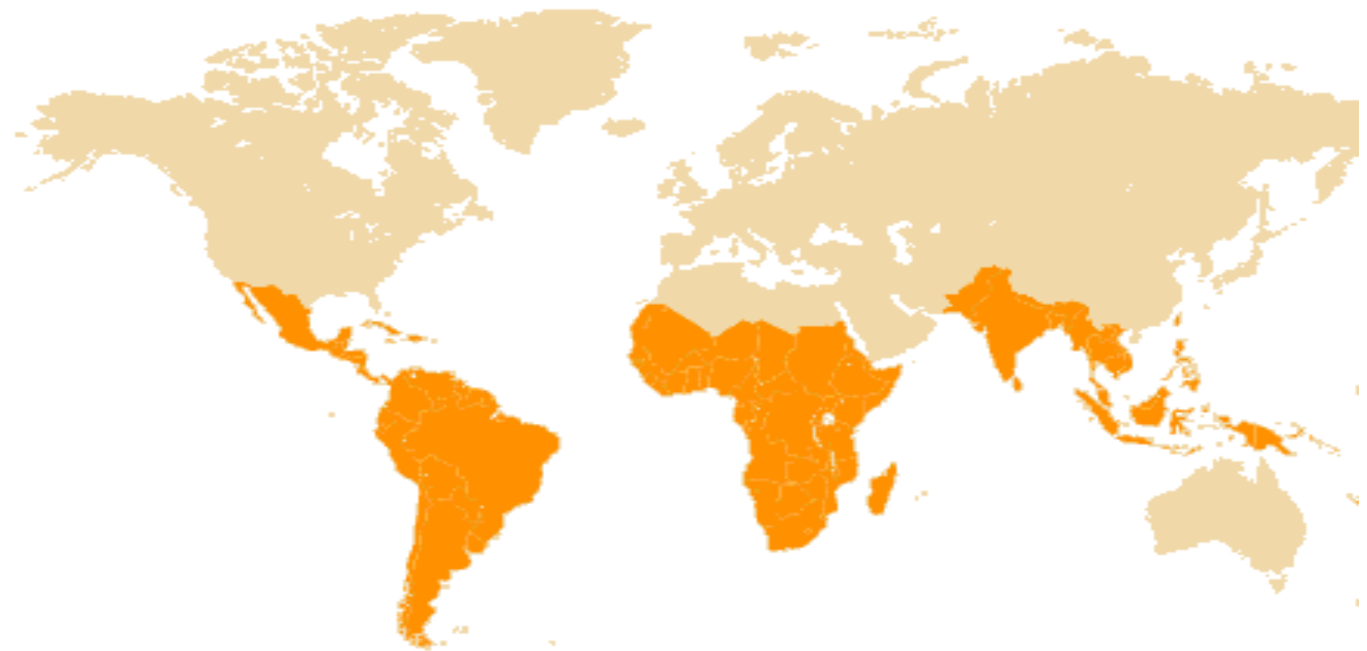


GALVmed - Who we are and what we do

- **Animal health Product development & adoption Partnership** organisation
- A not-for-profit **Public-Private Partnership** – registered charity
- Funded by the UK Department for International Development (**DFID**) and The Bill & Melinda Gates Foundation (**BMGF**).
- **Partners:** working with key partners to make a **sustainable** difference in access to animal health products for poor livestock keepers

What we do

How we work



Livestock & people: Complex inter - relationship and Zoonosis.



Many animal and human diseases can be exchanged via zoonotic (animal to human) or anthroponotic (human to animal) transmission.

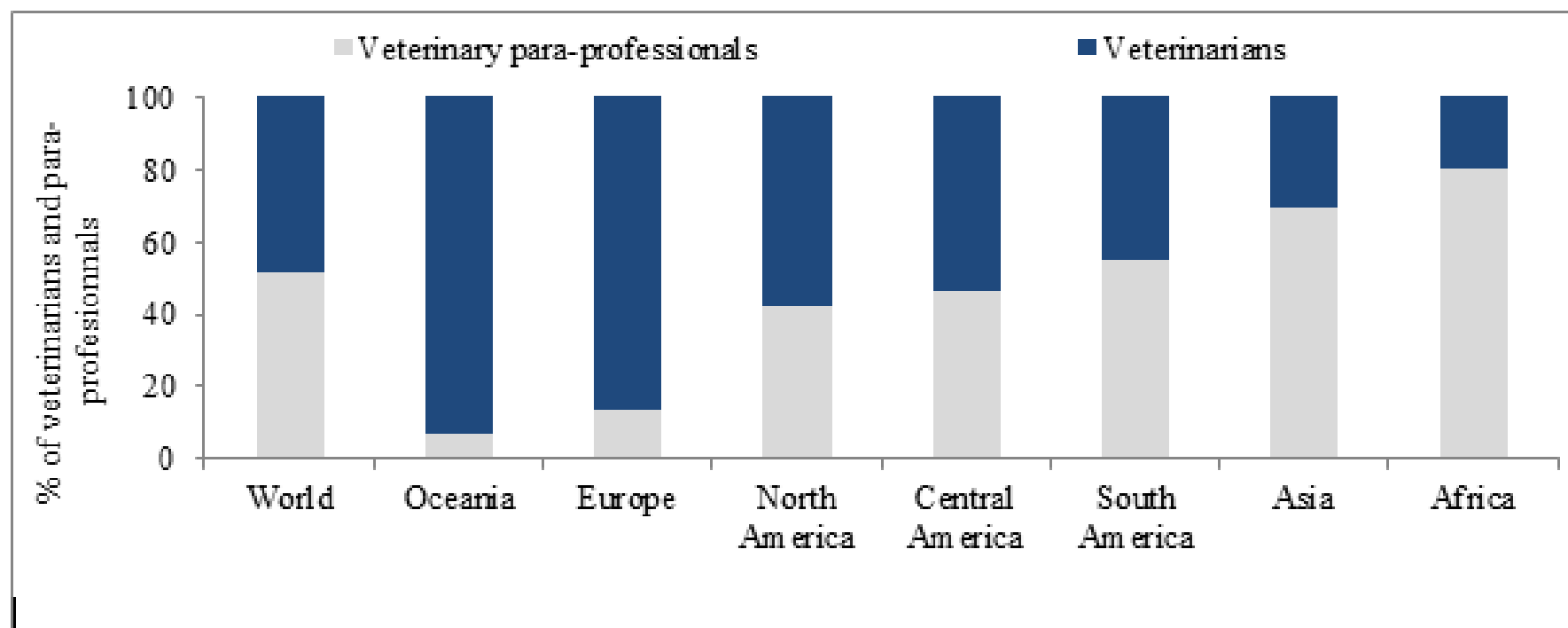


Why Animal Health lagged behind Human Health



- Global economic recession & Decline in AH service
- Primary Health care vs. Animal Health care
- Limited number & distribution of Vets
- Poor infrastructure, famine and Diseases outbreak
- Emergence of para-veterinarians

Veterinary personnel in Animal Health Services - 2011



Source: Animal Health Information Department –OIE

Africa: 85% countries surveyed have 1 PVT to 2000 animals (i.e. 2,400 TLU)

Roles of Veterinary Paraprofessionals (VPP)



- Increased availability of veterinary service in rural and conflict areas.
- Provision of livestock extension services
- Provision of more affordable service
- Disease monitoring and surveillance information.
- Vaccination against some diseases

In many countries legislations still prohibit VPPs from providing animal health services especially in the private sector

Impact of roles of CAHW

Tom Olaka, a CAHW from Karamoja, Uganda, identified and reported the last outbreak of rinderpest in 2000 and provided information on livestock movements that led to an effective response, enabling the completion of rinderpest eradication from Uganda.



GALVmed experience with Animal Health Delivery partners.



East Coast Fever (ECF) vaccination

Newcastle disease (ND) vaccination



GALVmed experience with partners.



Proportion of Vets and VPP employed in ECF and ND vaccination delivery in selected African countries

Partner	Product	Vet	Paravet	CAHW	Ratio Vet/VPP
A	East Coast Fever	10	35	0	0.28
B	East Coast Fever	4	13	0	0.31
C	Newcastle	6(5)	79	114	0.08
D	Newcastle	1	2	160	0.006
E	Newcastle	2	6	47	0.04

() Vets employed part-time

GALVmed experience with partners.



Proportion of Vets and VPP employed in ND vaccination delivery in selected Asian countries

Partner	Vet [*]	Paravet	CAHW	vaccinator	Ratio Vet/VPP
A	1(1)	0	96	0	0.02
	0(1)	0	0	195	0.005
B	0(1)	3	0	20	0.04
C	1	0	80	36	0.009
D	3	6	37	200	0.01
E	0(1)	1	0	125	0.008

* Vets active as trainers

() Vets employed part-time

Challenges & Opportunities over activities of para veterinarians



Photo Credits: Newhope360.com, Picky wallpapers.com, gavi.org, wings900.com, YouTube

Commandants & Foot Soldiers

A respondent OIE survey. "One vet supervising ten para-veterinarians and one hundred CBAHWs can treat 500,000 animals in a day. One vet working alone could only treat 50 animals in a day."

Is Primary Animal Healthcare attainable?

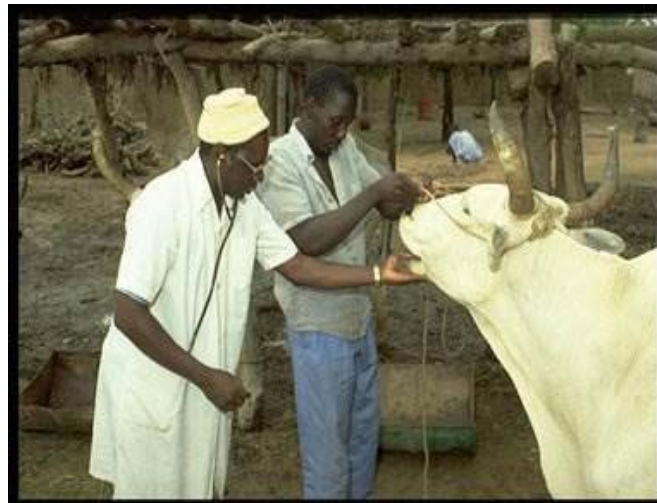


- Integrated Primary Animal Healthcare Program.
- Clear guidelines from OIE, AU-IBAR and VSB on classification, training, accreditation/registration of VPP
- **ONE HEALTH** goals based on principles
 - Equity
 - Efficiency
 - Quality service
 - Accessibility.
- Inclusive approach to AH by Veterinary Statutory Boards

Vision 2050: Equal Access to Good quality healthcare for Animals

Take Home messages

- Health is wealth – AH as Development Tool
- Clearly articulated livestock health programs
- Coordination, collaboration & supervision for QA.



A Vet is a Phone call away



Daniel Walsh
Father of Veterinary
Technology in USA

Who will be the
FATHER of Primary
Animal Healthcare in
Africa?

“As we look
ahead into the
next Century,
Leaders will be
those who
empower others”
Bill Gates.

THANK YOU