

 Prevent event

# Developing consistent chain of competencies of poultry Health in Ethiopia

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GALVmed

Protecting Livestock – Improving Human Lives

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# Context

Ethiopia is culturally Cattle country with a high level of scientific involvement in animal health and production science

(ILRI head office – AU-PANVAC – NVI and AHI at national level and others)

College of Veterinary Medicine and Agriculture :

Historical background : the oldest and largest veterinary college in Ethiopia founded in 1963 with the support of France government and others.

Missions :

- Providing high quality veterinary education(BVSc,DVM,MVSc(13) and 7 PhD programs) undertaking problem-solving research, and delivering community services.



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# General Introduction

## ❖ Ethiopia:

- ✓ Second most populous nation in Africa after Nigeria with about 126.5 million people in 2023 (World Bank, 2024)
- ✓ Largest livestock population in Africa and fifth in the world
- ✓ Agariaraian country (80%)
- ✓ Have a very good type of natural resources and environment
- ✓ Challenged by poverty and high population growth with food insecurity



# General Introduction

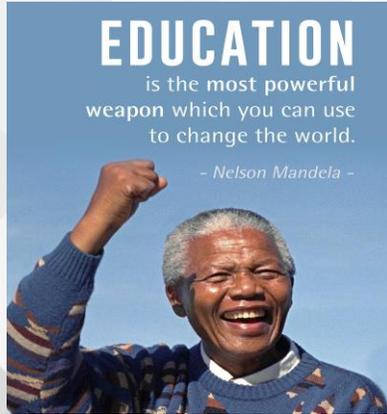
## ❖ Constraints of Poultry Production in Ethiopia:

- ✓ Diseases
- ✓ Feed availability and cost
- ✓ Limited veterinary services
- ✓ Inadequate extension services
- ✓ Poor biosecurity practice    Restricted access to finance and
- ✓ Poor level of sectoral coordination with no/limited operational policies and others

## ✓ Competencies



# Competencies

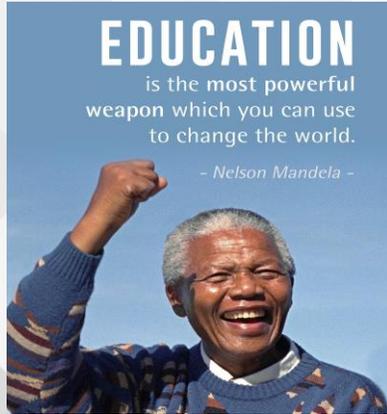


Gap of Competencies was identified by:  
AAU-CVMA, CEVA Sante Animale and  
EnVT(National Vet. School of Toulouse)

## What Gaps:

- ❖ Many vets are familiar with treating more exotic species, like large and small animals. But many vet practices are not familiar with poultry health and welfare.

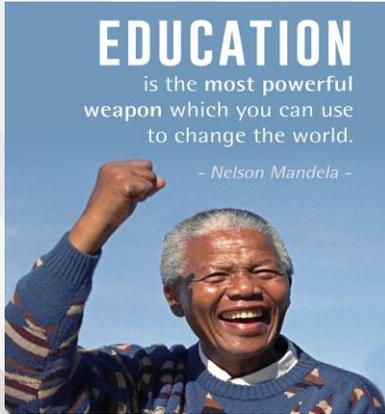
# Competencies



## What Gaps:

- ❖ Ethiopia was considered as cattle producing country **with little emphasis on Poultry sector**
- ❖ Poultry production is one of the growing businesses in Ethiopia
- ❖ Large number of universities (with UG and PG) programs has limitation of course contact hours for the poultry production and health are very low and **none of them** are specializing in Poultry medicine
- ❖ To this effect the knowledge and skill of graduates does not satisfy the needs and requirements of the challenge in practice.

# Competencies

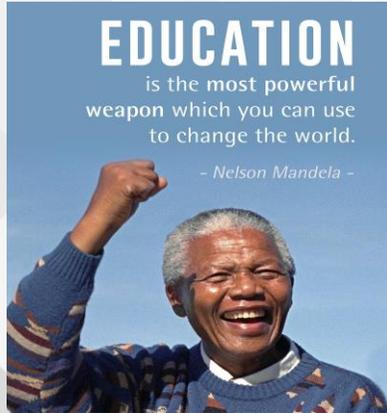


## Competencies

- ❖ However, this growing and promising sector value chain need:
  - ❖ **Scientific competences**
  - ❖ **Intellectual competences**
  - ❖ **Communication**
  - ❖ **Critical thinking and problem solving compet.**
  - ❖ **Entrepreneurship and innovation**
  - ❖ **Social competences and extra**



# So Then,



- With others Public (MoA of Ethiopia, French Embassy in Ethiopia), Private (Alema Farms, EthioChicken, ELFORA and others) and experts from national(AHI) and international (Morocco and Canada)
- Launched the Post Graduate poultry Medicine Training

# Needs(topics covered)

**Continuous  
growth**



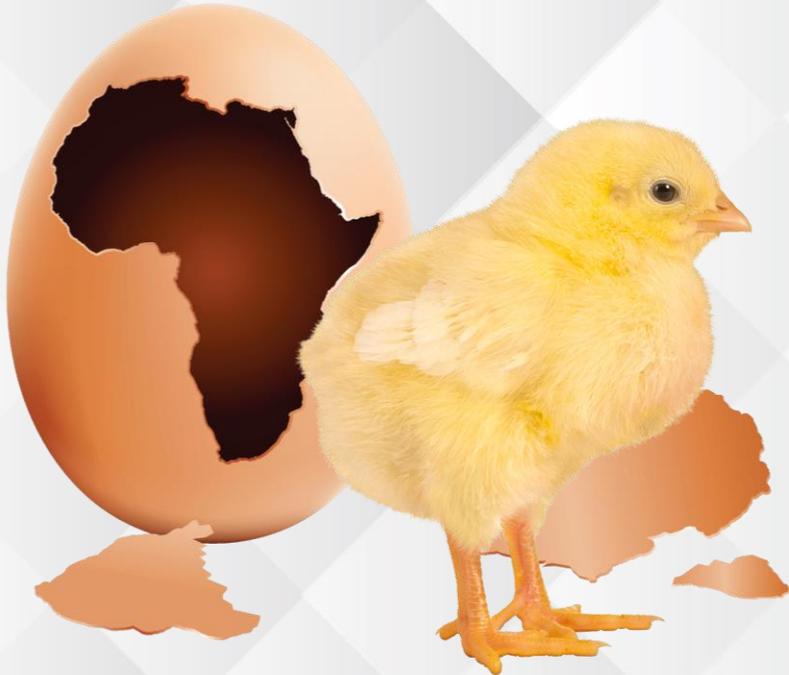
**Needs to  
develop and  
to distribute  
appropriate  
competencies**



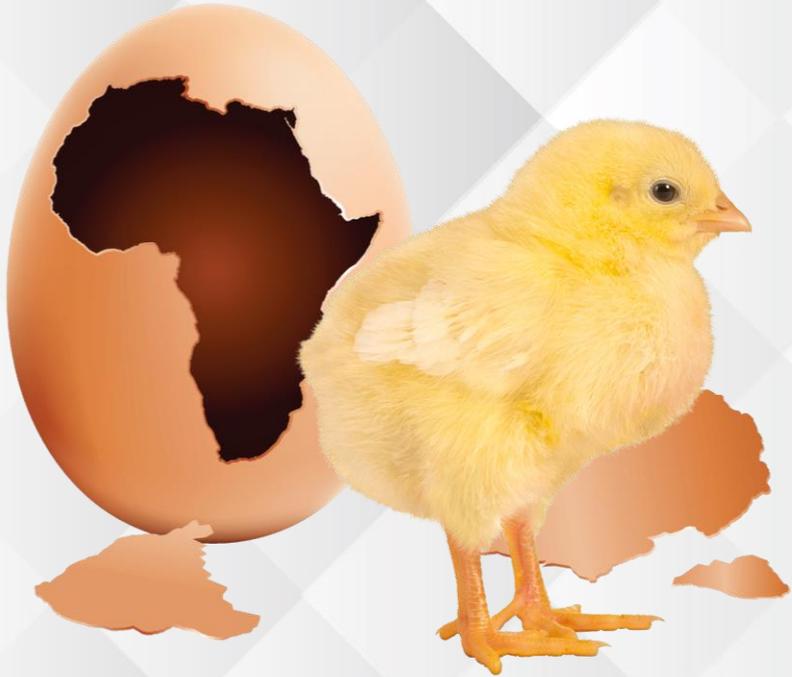
- Poultry management
  - Flock management
  - Flock Performances
- Feed production and feeding
- Poultry medicine
  - Prevention – biosecurity and vaccination
  - Clinical cases (Diagnostic & Treatment)
- Antimicrobial usage and resistant
- Laboratory and health monitoring



From top management  
to  
Poultry farms workers



# Principle of the Consistent Chain of Competencies



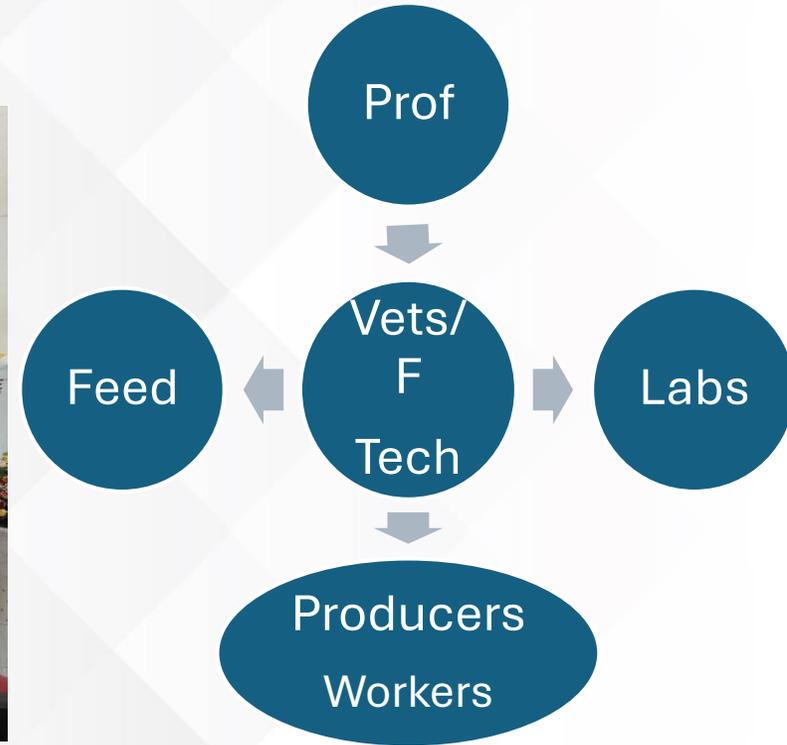
1. To define critical competencies to be developed  
(Curriculum CONSIDER Professors to poultry house workers – what are the MUST TO KNOW)
2. To include the appropriate trainees with effective impact (Private/public, field to leaders, big to small holder)
3. To train trainers (to identify leaders) and cascade down with practical and understandable messages ... sustainability

To repeat until reaching autonomous chain

# Principle of the Consistent Chain of Competencies

To repeat until reaching autonomous chain

To gain feedback from the field



# Outputs

## Post graduate poultry Medicine training course

- 90 Vets and Animal professionals in 3 sessions are trained
- 6 Mentees trained to perform next training ... For consistence



## Master Program of PHM was developed and launched on 2022

- Second Batch is on attending the courses

## Extension to other Ethiopian veterinary colleges found in various region of the country.

Almost more than 10 Veterinary colleges are benefited from this and now trying to have one **specialized poultry Medicine training center at Bishoftu**

# Outputs (in collaboration with all other stakeholders)

- ❖ CVMA became poultry Health specialized institution
- ❖ In and around Bishoftu designated as poultry and or livestock hub
- ❖ Ethiopia poultry population and production is significantly increased from around 50m to about 100m
- ❖ Additional Projects has been continuing like;
  - Prevent Field technician training,
  - Chicken health with Vet Agrosup of France and
  - Biosecurity training with MoA,
  - Other projects with Ghent University Poultry Health Science Chair(Belgium) and
  - Padova University of Italy and others )



- ❖ Above all, recently the Ethiopian Government also launched 'Bounty of Basket' initiatives in which chicken is the first priority commodity

# Conclusion

- ❖ Poultry is highly important animal
- ❖ The strong network of education and vivid research and development in the area of poultry science are the most valuable assets of fast-growing poultry industry
- ❖ **The competence should go through all chains(Professor/researchers-Producers(farmers) – Consumers)**



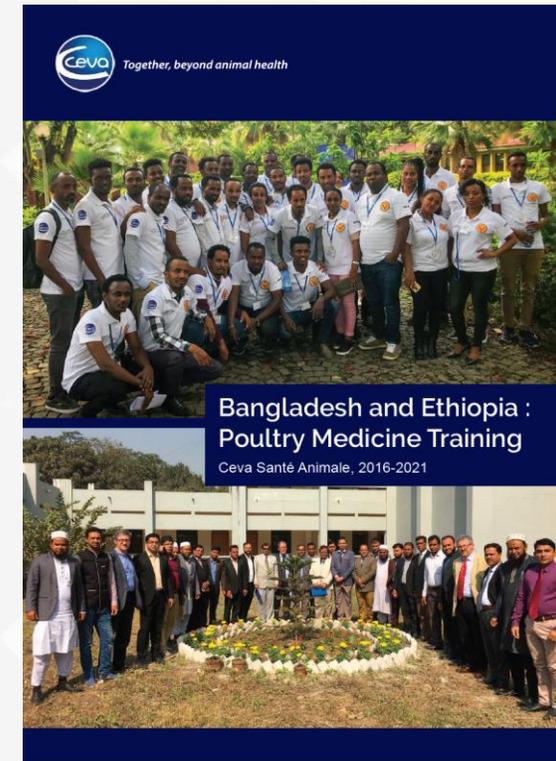
Pdf report available

[Report-Poultry-Vet-training.pdf \(ceva.com\)](https://ceva.com/Report-Poultry-Vet-training.pdf)

# Recommendations and future perspectives developing consistent chain of poultry Health competencies

- Strengthen the integration of poultry courses in various Agricultural programs
- Provide continuous training and research opportunities
- Collaboration among all stakeholders:
  - Academia/researcher and Public Professionals
  - Industries like Ceva, Alema, Ethiochicken ...,
  - Funders(Bill and Melinda Gate foundation and others)
  - Producers(Beginning to end) and others
- Incorporate Global perspectives

**Let us United and bring vivid change!**



Pdf report available

[Report-Poultry-Vet-training.pdf \(ceva.com\)](https://ceva.com/Report-Poultry-Vet-training.pdf)



**THANK YOU FOR YOUR  
ATTENTION**



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