



Food and Agriculture
Organization of the
United Nations



World Organisation
for Animal Health
Founded as OIE

In Service Applied Epidemiology Training (ISAVET) Programme and TADs control

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ECTAD EASTERN AFRICA

FAO



GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



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Goal

To create a veterinary workforce equipped with applied veterinary epidemiology competencies and skills needed across multiple livestock production systems and value chains that impact animal health, welfare, farmer livelihoods, food security, safe trade, biodiversity and ensure public health

Objectives

- Provide essential veterinary services at local, sub-national and national levels
- Develop the knowledge and skills in applied epidemiology for ISAVET graduates incorporating the One Health approach
- Train a workforce to target zoonotic and priority diseases in partner countries
- Strengthen animal health surveillance systems.
- Strengthen emergency response to natural and man-made disasters including emerging disease outbreak investigations/management
- Train trainers and mentors to scale-up ISAVET at national level



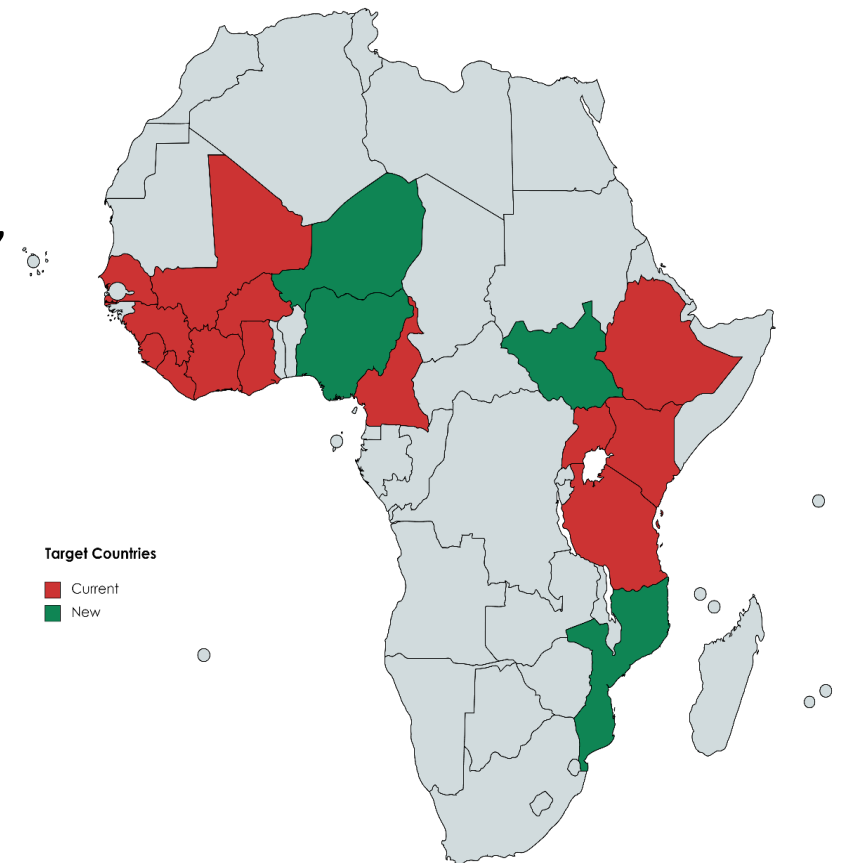
Geographic Scope

17 Beneficiary countries in East, South, West and Central Africa:

- Burkina Faso, Cameroon, Cote d'Ivoire, DRC, Ethiopia, Ghana, Guinea, Kenya, Liberia, Mali, Mozambique, Nigeria, Niger, Senegal, Sierra Leone, Tanzania, Uganda

Technical areas/Personnel targeted:

- Frontline/ Field animal health officers
- Community Animal Health Workers **training** programme (CAHWS) (Liberia + Sierra Leone) & Para-veterinary training (Liberia and Sierra Leone)
- Decision makers/Managers (future)



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Training types/Levels

1

Frontline ISAVET For Trainees

Four Months course, including 1 month of formal training followed by 3 months of field-based project implementation.

Targets: Field Veterinarians and animal (incl wildlife) Health workers:

2 Frontline ISAVET For Trainers (ToT) and Mentors (ToM)

One week course to prepare potential trainers(ToT) and Mentors (ToM) for the Frontline ISAVET Programme.

Targets: Institutional and Academic professional in the field of animal and public health

* Follow-up for ToT and ToMs

3

ISAVET For Executives (eISAVET)

Training programme on the importance of epidemiology in disease prevention, detection and control.

Targets: Senior Animal health decision makers

4

**CAHWS

Training programme for community animal health workers in resource limited countries and zones in disease detection, outbreak investigation and response.

Targets: Community animal Health workers

5

Continuing Professional Development (CPD) Modules

Development of relevant modules for all training components. The following is in development:

- Frontline ISAVET AMR module

Targets: All

** CAHWS: Community Animal Health workers training

Veterinary Field Epidemiology Competencies - Frontline

Frontline – For Trainees

Frontline In-Service Applied Veterinary Epidemiology Training – Domains (8) + 14 Competencies + 47 Skills

- Epidemiological Surveillance
- Field investigation and response
- Veterinary Epidemiologic methods
- Communication
- Animal disease preparedness
- Animal disease prevention and control
- Ethics and professionalism
- **One Health

Frontline – For Trainers

Frontline ISAVET Trainer Domains

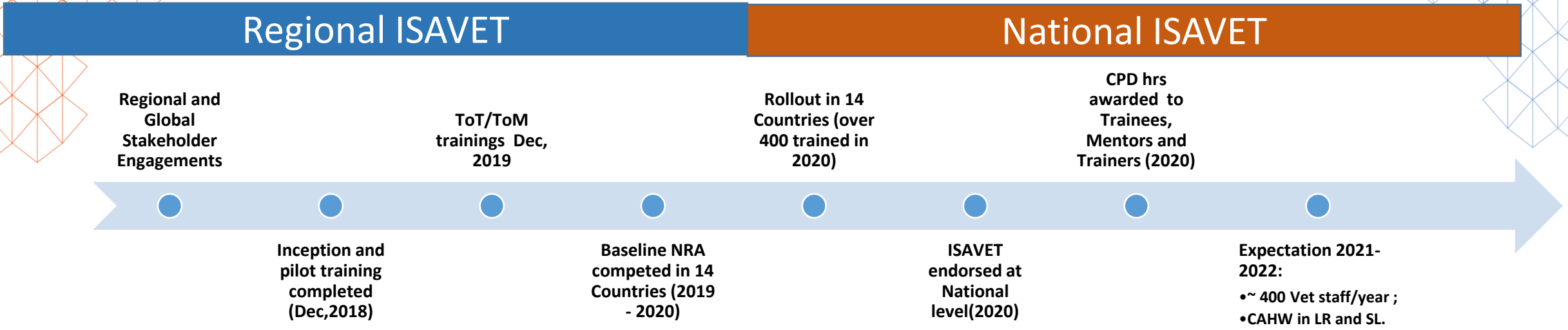
- Adult learning techniques
- Instructional design/CQI process
- Instructional methodologies with Frontline ISAVET programme
- *Plus the 8 Frontline ISAVET Domains

Frontline – For Mentors

Frontline ISAVET Mentor Domains

- Supervision and project management
- Familiarity with Frontline ISAVET curriculum and M&E tools
- Experience conducting epidemiology field studies
- Field training – PPE, sample and data collection
- *Plus the 8 Frontline ISAVET Domains

The Journey so far.....achievements and, expectations



| 2017-2018 | 2018-2019 | 2020 | 2021 - 2022 |
|--|---|--|---|
| <ul style="list-style-type: none"> • Needs assessments • Stakeholder mapping • Implementation framework • Global Core competencies • Global TAG | <ul style="list-style-type: none"> • Frontline ISAVET Training Curriculum & Materials • Monitoring and Evaluation Framework • Inception workshops • ISAVET Case studies (3) • 2 Regional Frontline training of 14 GHSA Countries • Curriculum and training materials for ToT/ToM • 4 Regional ToT/ToMs | <ul style="list-style-type: none"> • National Focal points in 14 countries • Steering committees established and endorsed • 8 National Frontline ISAVET trainings • 4 ToT/ToM in 4 countries • Implementation plans developed and endorsed • CAHWS training in Liberia (2 cohorts) | <ul style="list-style-type: none"> • Further integration of ISAVET at National-level for sustainability • OH competencies for all trainings • Virtual platforms – TMS and Virtual learning platforms • CAHWS: Mapping and development of competency framework & Training • Assessment tools – updating and streaming |
| <p>PPT Title</p> | <p>Technical working group established at Click to edit meeting date, place and date national level</p> | | |

Current status and achievements

| | Trainees | Trainers | Mentors |
|--------------|------------|------------|------------|
| Burkina Faso | 38 | 19 | 19 |
| Cameroon | 68 | 28 | 18 |
| Cote d’Voire | 22 | 4 | 3 |
| DRC | 31 | 16 | 8 |
| Ethiopia | 6/20 | 5 | 5 |
| Ghana | 0 | 4 | 2 |
| Guinea | 39 | 5 | 10 |
| Kenya | 25 | 15 | 15 |
| Liberia | 3 | 3 | 0 |
| Mozambique | 22 | 16 | 12 |
| Niger | 12 | 9 | 19 |
| Nigeria | 16 | 10 | 30 |
| Senegal | 15 | 7 | 15 |
| Sierra Leone | 0 | 2 | 2 |
| Tanzania | 53 | 6 | 22 |
| Uganda | 47 | 18 | 19 |
| Total | 411 | 167 | 199 |

Key achievements and Success stories to date

1. Institutionalisation of ISAVET in relevant government Ministries, government national focal points in place
2. Establishment of National steering committees and technical working groups
3. Alternative / government ISAVET funding starte.g. Senegal (PRAPS and REDISSE project), Guinea (REDISSE project)
4. Graduates have led successful AH and OH outbreak investigations
5. Networking and improved disease reporting in areas led by ISAVET graduates
- 6. Graduates involved in COVID – 19 management**
7. Promotions and appointments to lead disease surveillance at sub national level
- 8. ISAVET training certified by Veterinary Councils e.g. Kenya and Tanzania**

ISAVET making a difference..

- Promotions in Ghana, Guinea, Senegal, Tanzania
- Improvements in work performances at sub national level (provinces/regions/counties and districts) related to surveillance, reporting, training, etc
- Publications - submissions to TEPHINET, ILRI, Kenya Veterinary Association, FAO website, Press releases
- Supporting COVID-19 response
- Networking (Regional and national levels)

Senegal: ISAVET graduate promoted to Sanitary animal product inspection at the border control point (port and airports)

Guinea: An ISAVET graduate appointed at the central level and promoted to coordinate the implementation of the national ISAVET programme

Ghana: Trainee appointed as the National deputy Director, as Regional Veterinary Officer and as supervisor for meat inspection and regulatory duties (Quarantine services at the International airport) .

Tanzania: Trainee appointed to head the district surveillance team

Uganda, Sierra Leone, Senegal, Cameroon and Liberia: COVID-19 case investigation and contact tracing, data management and field training;

Guinea and Uganda: Participation in COVID-19 crisis meetings

Ghana: ISAVET graduates/trainees contributed to: COVID-19 awareness education and contact tracing; testing of COVID-19 samples in vet labs supporting the PH lab ; support Port Health in surveillance of passengers at International Airport; port inspections.



NRA Tool
and



ToM



Core
domains,



7 Manuals



Information
for



members



ToT
resources



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Management of TADs through Virtual Learning Centers (VLCs)

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ABOUT THE VLCS

FAO VIRTUAL LEARNING CENTERS



1

- THE VLCS ARE LEARNING HUBS BASED IN FAO REGIONS/SUBREGIONS

2

- VLCS PROVIDE BROAD AND QUALITY VIRTUAL TRAINING TO PROFESSIONALS AROUND THE WORLD
- OUR TRAININGS SUPPORT ONE HEALTH CAPACITY DEVELOPMENT, THE AGENDA 2030 AND THE SUSTAINABLE DEVELOPMENT GOALS (SDGS)

3

- WE TRAIN LARGER AUDIENCES AT LOW COST
- WE REACH PEOPLE IN REMOTE LOCATIONS
- WE PROVIDE MOBILE FIRST SOLUTIONS





- A new Virtual Learning Platform with more than 3500 users
<https://virtual-learning-centre.fao.org/>
- VLCs in the regions are now operational, a new one in West Africa under discussion
- More than 25 tutored courses delivered by June 2022



- **REACHING OUT TO REMOTE AREAS**

By end of 2022 at least 5000 people will have attended VLCs courses

- **FAO COURSES ADAPTED**

Several FAO courses have been adapted from face-to-face to online

VIRTUAL VIRTUAL LEARNING CENTRE –NORTH AFRICA AND NEAR EAST REGION (RNE)

- Covering six (6) African countries
- VLC-RNE **dedicated a bilingual Arabic-English webpage for the 5th GF-TADs Middle East Roadmap on Foot-and-Mouth Disease**
- 2nd Epidemiology and Laboratory Networks Meeting 6-9 December 2021.
- Repository experts' presentations and
- progressing control pathway for FMD (PCP-FMD) material

| No. | Courses trained | countries | participants enrolled |
|-----|-----------------|------------------|-----------------------|
| 1 | Avian Influenza | 11 countries, EA | 44 |

VIRTUAL VIRTUAL LEARNING CENTRE –SOUTHERN AFRICA REGION (SFS)

- Covering fifteen (15) African countries
- VLC-SFS **dedicated a webpage for the 3rd SADC Roadmap on Foot-and-Mouth Disease**

| No. | Courses trained | Participating countries | participants enrolled |
|-----|---|---|-----------------------|
| 1 | FMD vaccine, vaccination & post vaccination monitoring | 10 countries, SA | 34 |
| 2 | FMD investigation course | 13 countries, SA | 228 |
| 3 | FMD simulation exercise course (FMD free countries) | Botswana, Lesotho, Mauritius, Namibia, Eswatini | 35 |
| 4 | Application of PPP in the PCP of FMD & similar TADs | 8 countries, SA | 56 |
| 5 | Risk analysis along the value chain | 5 countries, SA | 26 |
| 7 | Lumpy skin disease course | 15 countries, SA | 353 |
| 8 | Developing national atlases of Tsetse & African animal trypanosomosis | 7 Southern Africa, 8 other Sub-Saharan | 40 |
| 9 | Poultry farmer field school refresher course for facilitators and master trainers with a focus on AMR | Zambia, Zimbabwe | 47 |
| 10 | African swine fever online course | 15 countries, SA | 372 |

VIRTUAL VIRTUAL LEARNING CENTRE –EASTERN AFRICA REGION (SFE)

- Covering 15 African countries
- VLC-SFS **dedicated a webpage for the 4TH Eastern African Roadmap on Foot-and-Mouth Disease**

| No. | Courses trained | Participating countries | participants enrolled |
|-----|--|-------------------------|-----------------------|
| 1 | FMD investigation course (EuFMD course) | 11 countries, EA | 484 |
| 2 | Events Mobile Application (EMA-i) course | 5 countries, EA | 105 |
| 3 | Avian Influenza course | 8 countries, EA | 71 |
| 4 | Good Emergency Management Practices (GEMP) | 4 countries, SA | 25 |
| 5 | Lumpy skin Disease course (EuFMD course) | 11 countries, EA | 644 |
| 6 | Rift valley Fever open access (EuFMD course) | 9 countries, EA | 54 |