



Frontline In-Service Applied Veterinary Epidemiology Training

Providing animal health workers with disease detection and response skills to save lives and livelihoods

THE PROBLEM

Disease spread threatens animals and people

Healthier animals are directly linked to the health and prosperity of communities who rely on animals for their livelihoods, food security and nutrition. The unprecedented emergence and spread of animal diseases, zoonoses, and related threats such as antimicrobial resistance pose a serious threat to global health security.

Gaps in the animal health sector to prevent, detect and respond to outbreaks in a timely manner at local level, often contribute to the persistence and expansion of animal health threats across countries and borders. It is important that every country has enough well-trained field veterinary epidemiology staff in order to protect human health, reduce animal losses, assure consumer protection, promote safe trade and improve livelihoods.





THE SOLUTION

Training at the frontline

FAO has developed the Frontline In-Service Applied Veterinary Epidemiology Training (ISAVET) programme to develop skills in the animal health workforce. Frontline ISAVET strengthens field level preparedness, early detection and rapid effective response to transboundary animal diseases, emerging infectious diseases and antimicrobial resistance within an integrative One Health approach.

Frontline ISAVET can be adapted to any country through a consultative needs assessment that identifies skills gaps in epidemiology at all levels. Learning objectives are designed and the curriculum and manuals (available in English and French) are adapted, in order to build a strong frontline veterinary workforce in epidemiology.

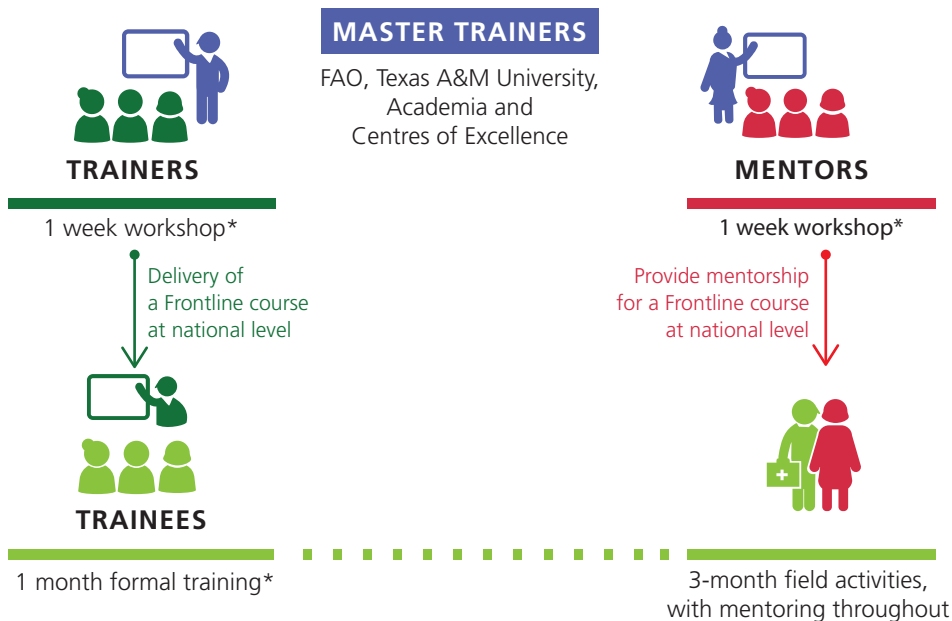
Achievements

- 14**  National needs assessments
- 2**  Regionally-adapted curricula, frontline pilot trainings and stakeholder workshops
- 2**  Workshops on training of trainers and training of mentors
- 7**  Manuals and curricula developed in English and French for trainees, trainers and mentors

Partner countries: Burkina Faso, Cameroon, Côte d'Ivoire, Democratic Republic of the Congo, Ethiopia, Ghana, Guinea, Kenya, Liberia, Mali, Senegal, Sierra Leone, United Republic of Tanzania, Uganda



How does Frontline ISAVET work?



* All the workshops are followed by 12 months accompanied programme for continued education, monitoring and evaluation and certification.

WORKING TOGETHER

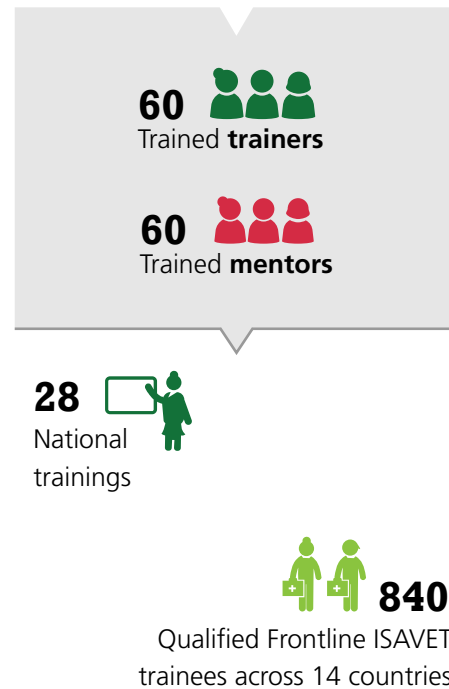
- Working in consultation with national-level veterinary services to identify needs and skills gaps and develop targeted training programme.
- A multisector group of specialist including from animal health, human health and wildlife provided the core competencies for Frontline ISAVET development.
- The Frontline ISAVET programme was developed in partnership with the United States Agency for International Development (USAID) and Texas A&M University and in collaboration with African universities including Makerere University, Uganda and Inter-State School of Veterinary Science and Medicine (EISMV), Senegal.
- ISAVET works in synergy with existing FAO programmes including Field Epidemiology Training Programme for Veterinarians (FETPV) and Applied Veterinary Epidemiology Training (AVET) implemented in Asia.
- ISAVET is part of the new FAO in-service initiative that covers three key areas, Epidemiology, Laboratory and Emergency Management.



COUNTRY AND REGIONAL OWNERSHIP

To ensure sustainable implementation and growth of the ISAVET programme, FAO involves government ministries in decisions, ensures the programme is housed within each Ministry of Agriculture and/or Livestock, and advocates for ownership at country and regional levels.

Aims for 2019–2021



TESTIMONIALS

“This training has opened my eyes to epidemiology. I have learnt how to collect, sort, manage & analyse data – reporting it to stakeholders, especially farmers who are usually the most affected.”

Joseph Kofi,
Frontline ISAVET trainee, Ghana

“There’s increased risk of transmitting zoonotic diseases by the contact between humans, animals and the environment. It is necessary to include a multi-sectoral approach, such as this ISAVET training, to fight these threats and strengthen the national surveillance and response system.”

Khadim Guèye,
Ministry of Livestock and Animal Productions, Senegal

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