



Emergency Centre for Transboundary Animal Diseases in Liberia

ECTAD is a unique structure within the Food and Agriculture Organization of the United Nations (FAO) that was established to provide guidance, emergency support and veterinary and animal health assistance to FAO member countries. Through ECTAD, FAO builds animal health capacity to prevent, detect and respond to zoonotic and non-zoonotic disease outbreaks at source. It protects people and animals from disease threats by helping to avoid national, regional and global disease spread.

Projects

Defense Threat Reduction
Agency (DTRA) -
One Health in Africa

United States Agency for
International Development
(USAID) -
Global Health Security

DTRA -
Peste des Petits Ruminants
(PPR)





Training on mobile app for animal health mapping and data collection.

Zoonotic Diseases

Areas of Focus

- Coordination surveillance systems for animal health and public health sectors for priority zoonotic diseases (PZDs)
- Establishment of functional Mechanisms for responding to infectious and PZDs

Major Achievements

- Supported the set-up of the Epidemiology Unit at the Ministry of Agriculture (MOA)
- Established a functional animal health Epidemiosurveillance Network that is integrated with Wildlife disease surveillance and complemented with an electronic reporting system - the Event Mobile Application (EMA-i)
- Strengthened national capacity to prepare, prevent, detect, respond and manage outbreaks of priority zoonotic diseases (PZDs) and transboundary animal diseases (TADs)
- Directly supported disease control interventions - mass vaccination against rabies and peste de petits ruminants (PPR) that are targeted for eradication by the year 2030
- Established the animal quarantine center at Ganta, Nimba County
- Provided animal health equipment and supplies



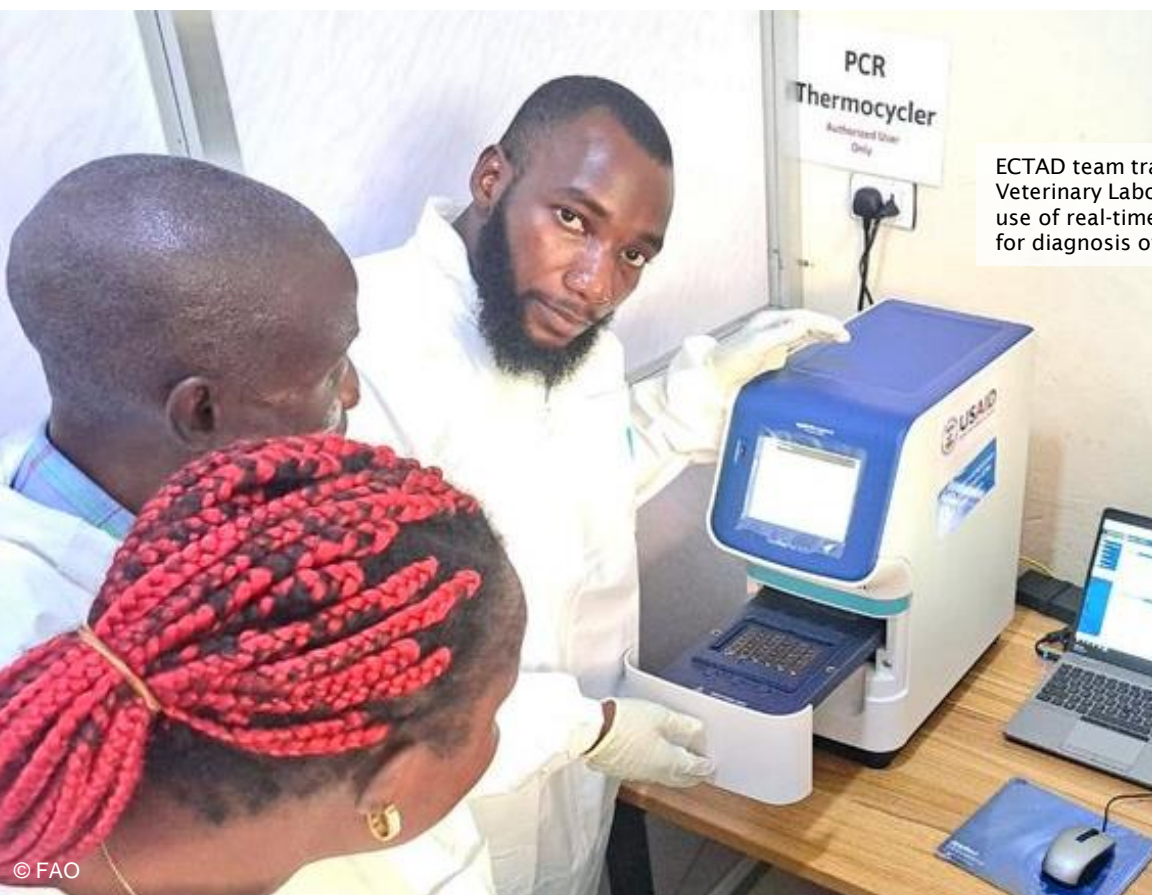
National Laboratory System

Areas of Focus

- Laboratory testing for detection of priority diseases
- Effective national diagnostic network
- Specimen referral and transport system
- Laboratory quality systems

Major Achievements

- Established and sustained the operation of the Central Veterinary Laboratory (CVL) at Fendel, Monrovia and the mini-lab at the animal quarantine center in Ganta
- Improved diagnostic capacity for priority zoonotic diseases (PZDs) and transboundary animal diseases (TADs) – provided training, mentorship, equipment, reagents and consumables
- Provided tools and systems for laboratory operations - standard operational manuals (SOPs), Quality Management System (QMS) and the Laboratory Mapping Tool (LMT)
- Provided laboratory equipment, reagents and consumables and supported the servicing and calibration of laboratory equipment
- Promoted laboratory accreditation through development of the laboratory licensing strategy



ECTAD team trains Central Veterinary Laboratory staff on the use of real-time PCR thermal cyclers for diagnosis of animal diseases.



Biomedical Team assesses & recalibrates equipment at the laboratory. Maintenance and calibration is done annually to comply with laboratory Quality Management Systems (QMS).

Biosafety and Biosecurity

Areas of Focus

- Biosafety and biosecurity training and practices in the human, animal and agriculture sectors

Major Achievements

- Supported biosafety manual, Standard Operating Procedures (SOPs) and waste disposal system
- Achieved certification for Infectious substance packaging and shipment globally
- Supported biosafety and biosecurity training for poultry farmers



Antimicrobial Resistance

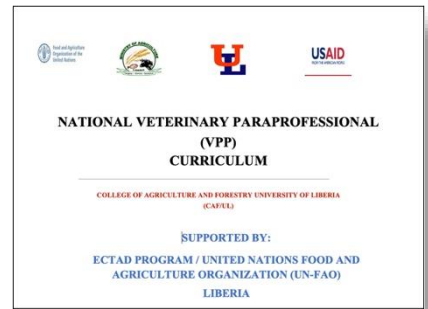
Areas of Focus

- Effective multisectoral coordination on Antimicrobial Resistance (AMR)
- Support Surveillance of AMR
- Optimize use of antimicrobial medicines in human health and animal health and agriculture

Major Achievements

- Conducted AMR situation analysis
- Developed an AMR surveillance strategy
- Developed treatment guidelines
- Conducted assessment of AMR in the agriculture and food system using FAO Assessment Tool for Laboratories and Antimicrobial resistance Surveillance Systems (FAO ATLASS) tool





Human Resource Development

Areas of Focus

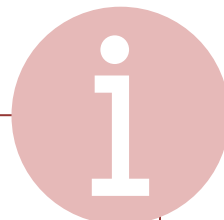
- Multisectoral workforce strategy development and operationalization
- Ensure that human resources are available to effectively implement the International Health regulations (IHR)
- Ensure that opportunities for In-service trainings are available

Major Achievements

- Developed Veterinary Workforce strategy
- Developed training Curriculum development middle level manpower (paraveterinary professional) training
- Supported training of animal health workforce at different levels
- Supported risk communication training for animal health
- Implemented the in-service veterinary training (ISAVET) program



Graduation ceremony of community animal health workers.



For more Information, visit:

ECTAD:

[https://www.fao.org/animal-health/our-programmes/fao-emergency-centre-for-transboundary-animal-diseases-\(ectad\)/en](https://www.fao.org/animal-health/our-programmes/fao-emergency-centre-for-transboundary-animal-diseases-(ectad)/en)

One Health:

<https://www.fao.org/one-health/en>



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