Strengthening Health and Biosecurity in Tanzania by Biodetection Capacity Building

Phase I and II

2014 - 2023
Strengthening Health and Biosecurity in Tanzania by Biodetection Capacity Building Phase I

- Finnish-Tanzanian bilateral collaboration on strengthening **laboratory capacity** and raising **awareness in biosecurity and biosafety** in Tanzania.

- Funded by the Ministry for Foreign Affairs (MFA), Finland, during 10/2014 – 2018

- Run by the **Centres for Military Medicine and for Biothreat Preparedness**, Finnish Defence Forces, and

- Tanzania **Veterinary Laboratory Agency** (TVLA), Ministry of Agriculture, Livestock and Fisheries
Main objectives

• Build local capacity on detection of biothreat pathogens and diagnosis of infectious diseases
• Develop a diagnostic system based on local needs, suitable for field use
• Train and collaborate with experts and authorities
• Raise local knowledge and awareness in biosecurity and biosafety
Project activities - Laboratory

• Procurement of diagnostic instruments (PCR), Biosafety Cabinet and other laboratory equipment and supplies for TVLA

• Laboratory training for TVLA staff  2015-2017: Dar es Salaam, Arusha, Mwanza, Iringa, Helsinki
Training in Dar es Salaam 2015, Arusha 2015, Mwanza 2016, Iringa 2017
Training in Helsinki, Finland 09/2016

Training of the Trainers (ToT)
TVLA laboratories supported by Finland

Dar es Salaam 2015, Arusha 2015, Mwanza 2016, Iringa 2017
Phase II (2019-2023)

Objectives

• Staff competent in operating qPCR methods at CVL and 4 zonal labs
• Ensured biosafety and biosecurity
• Cost-efficiency of sampling and testing → improved capacity for disease surveillance
• Laboratory quality control → reliable results
• Increased capacity in zonal labs
• New information
Agenda for 2019-2023

Activities to support laboratory capacity

• In-depth training of TVLA experts in Finland
• Web-based training
• Training in zonal labs
• Emphasis on female experts
• Continued support for laboratory maintenance

Activities to support information sharing

• NMDLN meetings
• New information through research: epidemiology of anthrax, Brucella spp. and RVFV
• Outreach at TVA meetings & Nane Nane exhibition
Thank you – Asante sana – Kiitos!