Appendix 1

Kenya 3 year FELTP Logic Model

Unique features of Kenya program are highlighted in yellow

**Inputs**
- Political support in the national health system
- Advisory committee
  - Representatives of MOH, WHO, CDC, JKUAT, KEMRI, ITROMID and others
- Technical assistance
  - Resident Advisor
  - Program Manager
  - External technical staff
- Logistics
  - Offices
  - Equipment
- Finances
  - MOH
  - CDC
  - Others
- International political support from TEPHINET
  - WHO
  - CDC

**Processes**
- Strengthening of local Faculty
- Residents
  - Recruitment
  - Development of Field Placement sites in Kenya, Tanzania & Uganda
- Curriculum
  - Masters degree program
  - Competency-based training
  - Development of two-year training schedule
- Coursework
  - Based on competency areas:
    - Epidemiology (communicable, noncommunicable)
    - Communication
    - Program management
  - Laboratory management
  - Problem-based learning
- Fieldwork
  - Opportunities and supervisory support to achieve competencies
  - Training through service
- Quality assurance
- Networking

**Outputs (short term)**
- FELTP graduates
  - 12 epidemiologists and 9 laboratory managers
- Public health services
  - Projects responsive to local and national needs, and peer-reviewed through conference presentations and publications
  - (Driven by Competencies & Number of trainees)
  - Services may include:
    - Emergency response: disease outbreaks and natural disasters
    - Surveillance: analysis, design, implementation, evaluation
    - Systems and policy analysis and development
    - Public health assessments
    - Planning, implementing and evaluating interventions
- Laboratory management for public health system
  - Special projects
  - Reports and Communications
    - Epidemiology bulletin
- Actions/recommendations
  - For local/provincial health services, MOH, and other

**Outcomes (long term output)**
- Public health workforce
  - Strengthened
- Disease surveillance system
  - Enhanced
- Capacity for outbreak alert, response and preparedness
  - Enhanced
- Public health decision-making and policies
  - Evidence-based
- Local and national databases on health events and problems
  - Expanded
  - Communicated
- Partnerships and networks
  - Local, national, regional and international networks

**Impact**
Contribute to improvements in the health of the people in East Africa