



FETP-Intermediate Implementation in Myanmar

Nay Pyi Taw, Myanmar

26 January, 2018



What is an FETP?

- **F**ield
- **E**pidemiology
- **T**raining
- **P**rogram



What is an FETP?

- Supervised, on-the-job, competency-based training and service (workforce development) program to improve epidemiologic capacity in a country's public health system
- Participants learn and develop epidemiologic skills while providing services to their Ministry of Health
- Minimal class time; focus on learning through practice in the field
- Formerly, FETP = 2-year program
- >40 2-year FETPs around the world

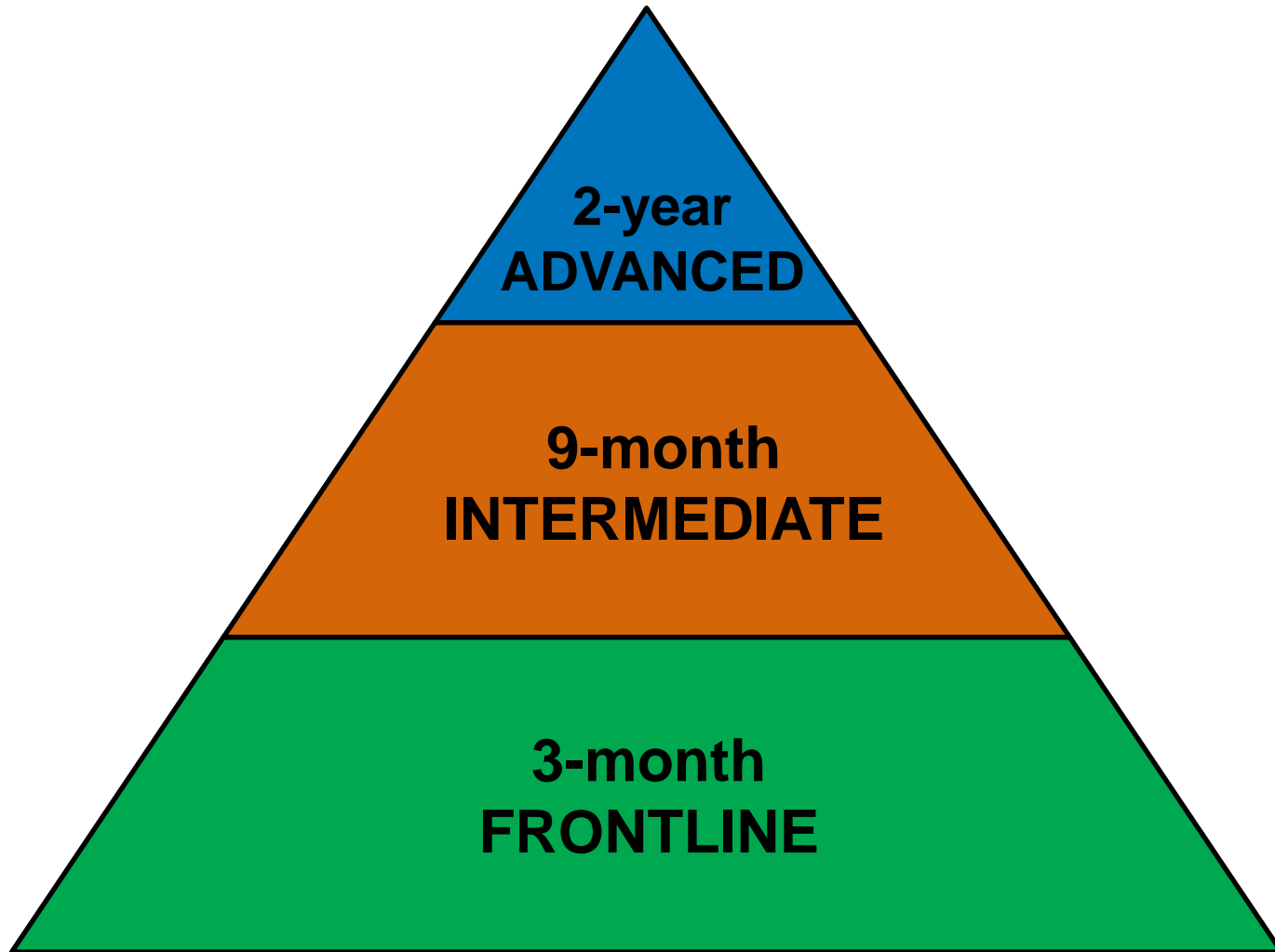


FETP Goal

- To strengthen Ministry's capacity to
- respond to public health emergencies
 - conduct surveillance
 - conduct studies on priority public health problems
 - Improve communications and networking within the country and throughout the region



Solution — 3-tiered FETP Model





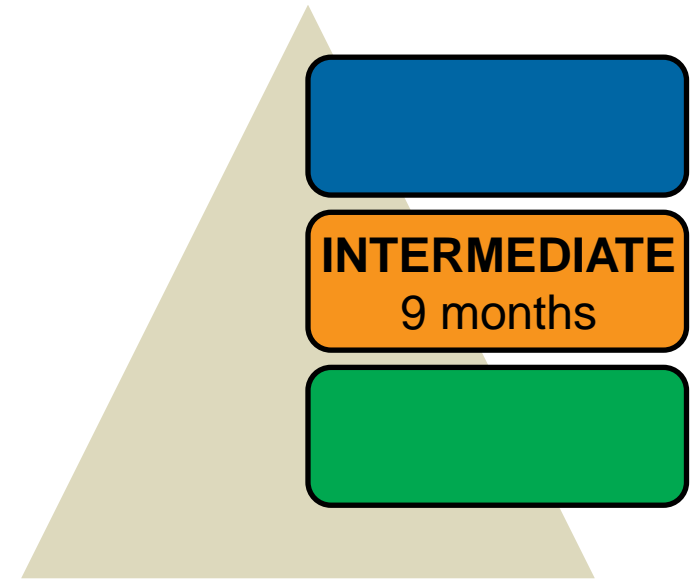
FETP-Intermediate Program Goal

- Strengthen epidemiologic capacity at the middle and/or national level of the health system
- Improve a Ministry's capacity to identify, investigate, respond to, and communicate about public health priority concerns



FETP-Int. Program Description

- 9-month in-service program of training and service
- 5 classroom workshops (1-2 weeks each)
- Field projects reinforce principles taught during workshops
- Centerpiece = group survey of priority health topic





FETP-Int. Program Objectives

- Improve the skills of [middle level] public health workers in data collection, analysis, interpretation, and communication
- Increase collection and use of public health data for decision-making
- Improve the quality and use of surveillance data [at the middle level] of the health system
- Strengthen capacity to respond to outbreaks and other public health threats



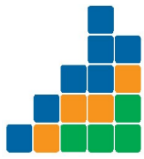
FETP-Int. Implementation Requirements

- *High-level MOHS support to implement and conduct the program*
- *Supervisory support for participants*
- *Mentors' and instructors' availability to provide guidance and technical assistance*
- *Resources to support personnel, classroom training, and field work*



FETP-Int. Target audience

- Governmental public health (e.g., MOH) staff
- Primarily at regional (middle) and national level
- whose responsibility is to, or who require further training to:
 - Compile, analyze, and report surveillance data,
 - Manage and evaluate the surveillance system,
 - Investigate and respond to outbreaks, either leading smaller, straightforward outbreak investigations or assisting the national level in large outbreaks,
 - Conduct planned investigations to address public health priority issues, and
 - Communicate health information to both the higher and lower levels of the surveillance system



FETP-Int. Participant Prerequisites

1. Completion of FETP-Frontline or possession of an equivalent skill set that provides ability to:
 - › Conduct disease surveillance data compilation, analysis, and reporting at the local/district level,
 - › Conduct descriptive analyses of routinely collected basic data (i.e., person, place, time of disease patterns),
 - › Conduct case investigation and response, and
 - › Prepare a surveillance summary report using a standard template
2. Medical Officers or veterinarians who are working for surveillance and disease control at central level or state/regional level with at least one year of experience in relevant field
3. English language proficiency for the course
4. Basic computer and software application skills



FETP-Int. Participant Prerequisites Cont.

4. Basic computer and software application skills
5. Commitment to working in a position with the government for an agreed-upon term (i.e., participant must agree to work for the MOHS for a minimum of one year after graduation)
6. One or two representatives from Central and each state/region
7. Optional for 2-3 participants from LBVD if they want to participated in the program
8. Be a self-starter, inquisitive and express genuine interest in improving the public health system



FETP-Int. Program Overview in Myanmar

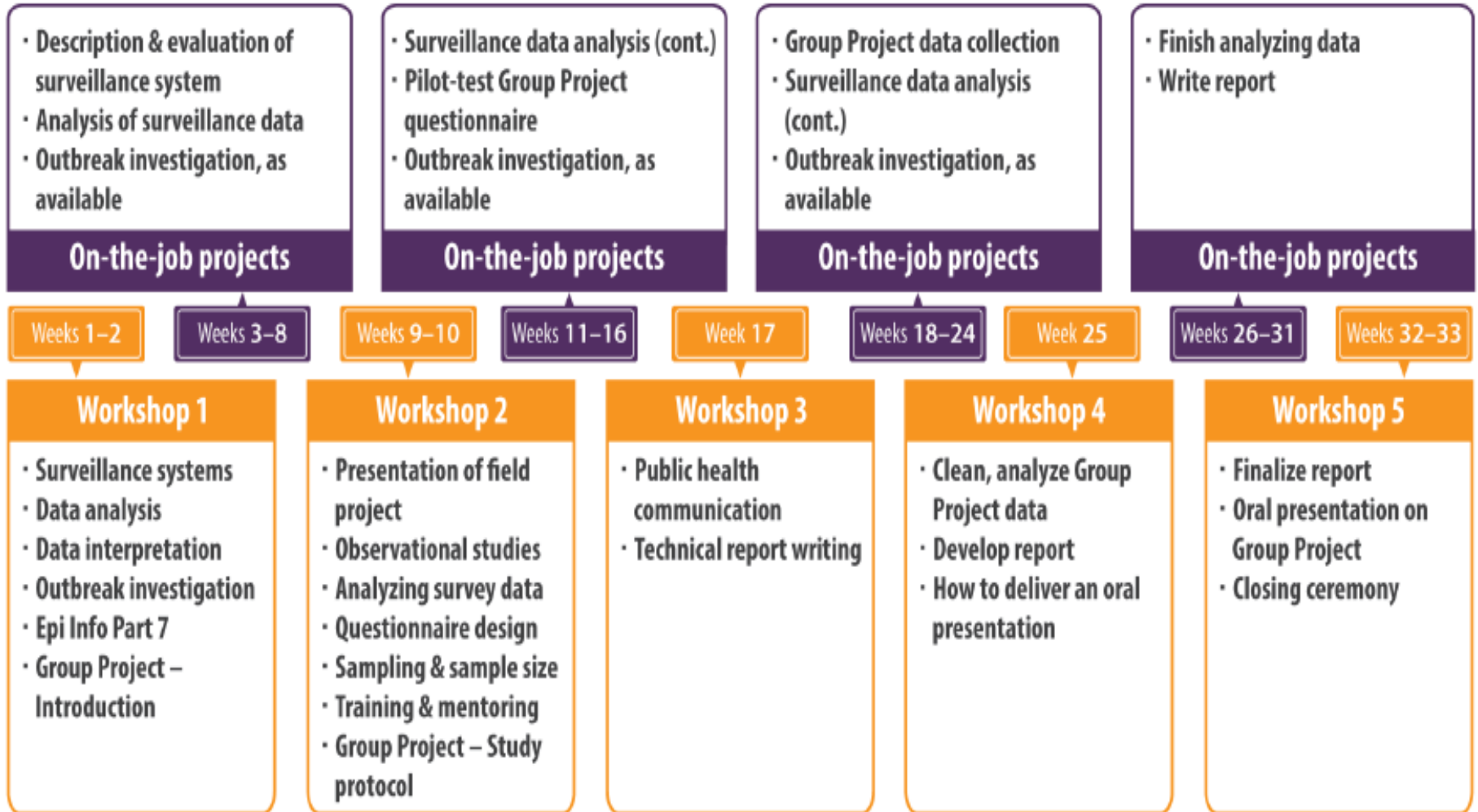
The first cohort of the intermediate course will be started in mid 2018 (tentatively around June – July of 2018) and the first cohort will consist of 10 to 18 participants based on availability of qualified participants, qualified mentors, logistics and financial requirements.

A FETP-Frontline equivalent short course will be provided to a larger cohort as a prerequisite for potential participants of the cohort 1 of FETP-Intermediate and the short course will be conducted around late January 2018. The annual intake and cohort will be done in 5 years period (2018-2022).



FETP-Int. Timeline

FETP-Intermediate timeline





FETP-Int. Competencies

The standard curriculum for FETP-Intermediate will focus on five competency domains:

- **Public health surveillance**
- **Field investigation**
- **Epidemiologic methods**
- **Scientific communication**
- **Mentoring and Training**

Another competency domain on Public Health Emergency and Disaster Response will be added in future cohorts.



FETP-Int. Topics Covered in Classroom

- Surveillance evaluation
- Outbreak investigation
- Study design
- Surveys
- Data management
- Data analysis
- Epi Info
- Protocol development
- Scientific communication (oral, written)
- Training, mentoring



FETP-Int. Priority Topics to be added

Other priority curriculum topics to be included in Myanmar FETP-Intermediate workshops will be

- One Health
- Malaria / vector-borne disease control
- Pandemic threats / Global Health Security / International Health Regulations
- Biosafety/ Biosecurity
- Antimicrobial resistance
- VPD surveillance and response



FETP-Int. Field Projects / Products

1. Analyze public health surveillance data for at least one priority disease
2. Write a surveillance summary report
3. Conduct an evaluation of a surveillance system
4. Write a surveillance system evaluation report
5. Conduct at least one field investigation of a public health problem that requires an immediate response (outbreak investigation or other acute investigation)
6. Write a report of the field / outbreak investigation
7. Write an abstract or executive summary based on one of the field projects
8. Prepare and give an oral presentation
9. Actively participate in the group study project
10. Optionally, serve as a teacher and/or mentor, e.g. to FETP-Frontline participants



FETP-Int. Group Project

- Planned study for all cohort participants
- Should address MOH and/or funder priority topic
- Requires proposal / protocol
- Cross-sectional survey recommended
- Participants pilot-test questionnaire
- Participants collect and enter data
- Data must be pooled, cleaned, analyzed
- Participants develop oral presentation(s)
- Participants write report
- Participants may write article for national epidemiological bulletin



Thank you

Questions?

