



Support the One Health Field Epidemiology Training Program (OHFETP)

Project Information

- ◆ Department: Center of Excellence for Applied Epidemiology
- ◆ Unit: Workforce Capacity/ One Health

OBJECTIVES

The overall goal is to strengthen Yemen's capabilities in conducting integrated surveillance, epidemiological investigations, and outbreak response for zoonotic diseases and other public health threats through building a competent national One Health workforce who are working in human, animal, and environmental health using an integrated approach.

BENEFICIARIES

The training program targets 24 frontline workers in health, environment, and animal sectors, mainly at the subnational and district levels.

REGIONS OF WORK

Different governorates in Yemen

PROJECT DESCRIPTION

The program is in-service, competency-based training designed to strengthen participants' knowledge and practical skills in applying the One Health approach to the prevention, detection, investigation, and management of zoonotic and infectious disease threats. It brings together key concepts related to human, animal, and environmental health surveillance and promotes coordinated, multisectoral action in surveillance, outbreak response, risk assessment, emergency management, and public health communication.

The program combines online self-paced learning, face-to-face workshops, and workplace-based field assignments. It is structured around three workshops, with two four-week practicum modules conducted between them. This blended approach allows participants to apply the knowledge and tools introduced during the workshops directly within their professional settings.

PROJECT PHASES

This project consists of four main phases:

Planning: Establish the governance structure, form the multisectoral technical committee, assign the program director, finalize participant and mentor selection, confirm materials and timelines, and orient mentors.

Execution: Deliver the two training workshops, each followed by a four-week field assignment, with ongoing mentorship, technical support, and progress monitoring.

Closure and Evaluation: Conduct the final presentations and graduation, complete participant assessment, evaluate the program, and prepare the final evaluation report.

Project Start and End Date	May 2026 – January 2027
Partner Organizations	MoPHP, MoAIF, MoWE, NIPH
Funded by	WHO – Pandemic Fund

Currently . . .

Yemen's health workforce and surveillance infrastructure remain significantly underdeveloped, with limited coordination across the human, animal, and environmental health sectors. This component aims to address these gaps by moving beyond traditional, sector-specific approaches and establishing a unified One Health model for field epidemiology training.

The project is currently focused on establishing interministerial governance to support the launch of Yemen's first Basic FETP cohort under a One Health framework. Key priorities include forming the program governance structure, aligning technical mentors from the human, animal, and environmental health sectors, and institutionalizing standardized monitoring and fieldwork tools.

What's next . . .

Following completion of the training, the project will focus on sustaining and institutionalizing the competencies developed through the program. Graduates will be expected to apply One Health field epidemiology skills within their respective ministries and contribute to coordinated surveillance, outbreak investigation, risk assessment, and response activities.

The next phase will also strengthen the graduate and mentor network, support continued cross-sector collaboration and integrate standardized field epidemiology tools into routine practice. Lessons learned from the first cohort and findings from the program evaluation will be used to refine the training model and guide future cohorts.

Over time, the program is expected to establish a sustainable national platform for multisectoral workforce development, improve information sharing across the human, animal, and environmental health sectors, and enhance Yemen's capacity to detect and respond to zoonotic, vector-borne, and other emerging public health threats.

By the Numbers

1st Cohort in Yemen on Basic One Health FETP

24 frontline field professionals trained in this cohort from various sectors (8 teams of three participants from each sector)

10 Multidisciplinary mentors oriented from human, animal, and environmental health sectors to provide uniform field guidance

20 days of intensive in-person workshops

8 weeks (16 days) of field work on one health surveillance data reports and outbreak investigations conducted across sectors

GHD|EMPHNET Information: Global Health Development (GHD) Eastern Mediterranean Public Health Network (EMPHNET) works at achieving its mission by responding to public health needs with deliberate efforts that allow for health promotion and disease prevention.

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