**Strengthen and tailor Field Human and Animal Health Epidemiology Training Programme through adaptation of WHO Competencies for One Health Field Epidemiology (COHFE) Framework**

**Project Information**

- **Department: Center of Excellence for Applied Epidemiology**
- **Unit: Workforce Capacity**

# OBJECTIVES

- Strengthen Jordan's capacity to prevent, detect, and respond to epidemic- and pandemic-prone diseases through a tailored One Health Field Epidemiology Training Program (OHFETP).
- Adapt the WHO Competencies for One Health Field Epidemiology (COHFE) Framework to Jordan's epidemiological, institutional, and workforce context.
- Strengthen the competencies of human and animal health professionals in One Health field epidemiology, including integrated surveillance, outbreak investigation, data analysis, and multisectoral response.
- Develop a sustainable, competency-based training and mentorship model within Jordan's national FETP structures by enhancing existing curricula and strengthening One Health integration.

# BENEFICIARIES

- 60 One Health professionals will be trained through three cohorts of 20 participants each. The participants will be drawn from the human and animal health sectors, with multidisciplinary representation across human, animal, and environmental health.

- Mentors: a pool of 10 mentors will support each cohort and will be oriented and trained to provide supervision, coaching, feedback, and support throughout field-based learning.

# REGIONS OF WORK

Jordan – Ministry of Health and relevant One Health sectors at the national level, with participation from selected governorates based on program needs.

# PROJECT PHASES

**1. Inception and program setup** – Conduct stakeholder consultations and an inception workshop; establish the multisectoral coordination mechanisms; adapt the WHO COHFE Framework to Jordan's epidemiological, institutional and workforce context; and finalize the detailed implementation plan.

**2. One Health FETP curriculum and materials development –** Develop and validate the One Health FETP curriculum, facilitator and participant materials, mentorship guides and implementation tools, ensuring alignment with WHO COHFE competencies and Jordan's national context.

**3. Cohort-based training and implementation –** Implement three One Health FETP cohorts, each targeting 20 participants. Each cohort will include mentorship preparation, three training workshops, applied field assignments and structured mentorship to strengthen competencies in One Health field epidemiology, multisectoral outbreak investigation, surveillance and response**.**

**4. Impact evaluation and reporting –** Conduct pre- and post-training competency assessments, review field outputs, gather mentor and participant feedback, and assess institutional adoption of One Health practices. Findings will be consolidated into impact-based reports to document results, lessons learned and recommendations for future sustainability and scale-up.

# PROJECT DESCRIPTION

The project will strengthen Jordan's capacity to prevent, detect and respond to epidemic- and pandemic-prone diseases through a tailored One Health Field Epidemiology Training Program (OHFETP). The program will adapt the WHO Competencies for One Health Field Epidemiology (COHFE) Framework to Jordan's national context and integrate One Health competencies into existing FETP structures.

The project will develop and validate a comprehensive One Health training package and deliver three cohort-based training cycles, each targeting 20 participants from relevant human, animal and environmental health sectors. Through structured mentorship, workshops and applied field assignments, participants will strengthen their competencies in integrated surveillance, outbreak investigation, risk assessment and multisectoral response.

The project will also apply a structured monitoring and evaluation approach to assess competency development, field application and institutional uptake, generating evidence and lessons to support the sustainability of One Health workforce development in Jordan.

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| **Project Start and End Date** | **February 15, 2026 to December 31, 2027** |
| **Funded by** | **WHO** |

## Currently . . .

Jordan has an established Field Epidemiology Training Program (J-FETP), including basic and advanced training tracks, which has contributed to strengthening the country's applied epidemiology workforce. However, existing training needs assessments have identified gaps in competencies related to One Health field epidemiology, including multisectoral outbreak investigation, joint risk assessment, data analysis and interpretation, and coordination between human and animal health sectors.

Existing FETP training models do not yet fully operationalize the WHO Competencies for One Health Field Epidemiology (COHFE) Framework, particularly in relation to integrated learning pathways, structured mentorship and field activities involving multiple sectors. High staff turnover and limited opportunities for continuous professional development further affect the sustainability of these competencies.

There is therefore a need to strengthen and adapt existing FETP structures to provide a competency based, multidisciplinary One Health training model that enables professionals to work effectively across the human, animal and environmental health interface.

## What is next . . .

This project will strengthen and institutionalize a tailored One Health Field Epidemiology Training Program within Jordan's existing FETP structures. EMPHNET will work closely with the Ministry of Health and relevant human, animal and environmental health stakeholders to adapt the WHO COHFE Framework, develop and validate competency-based training materials, and establish a structured mentorship model. Three cohorts of 20 participants will receive applied training through workshops, multidisciplinary field assignments and mentorship, strengthening their capacity for integrated surveillance, outbreak investigation, joint risk assessment and coordinated response. Continuous monitoring and impact evaluation will assess competency development, field application and institutional uptake. Lessons learned and evidence generated through the program will inform the sustainability and future scale-up of One Health field epidemiology training in Jordan.

## By the Numbers

**60** One Health professionals (20 participants per cohort) will be trained through three One Health FETP cohorts in Jordan

**10** mentors will support each cohort through structured mentorship, supervision and field-based learning

**3** One Health FETP cohorts will be implemented, integrating human, animal and environmental health perspectives

**GHD|EMPHNET Information:** Global Health Development (GHD) and 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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