



EMPHNET

The Eastern Mediterranean
Public Health Network

Evaluating Securing Dangerous Pathogens Through the Establishment of Effective Inventory Management Systems at Priority Life Science Facilities in Jordan

Project Information

- ◆ Department: Public Health Programs
- ◆ Unit: Disease Control and Prevention

OBJECTIVES

This project contributed to the implementation of an inventory management tool which will enhance the management of high consequence pathogens and provide a foundation for inventory management systems for dangerous biological pathogens and dual use materials and equipment in Jordan.

REGIONS OF WORK

This project was implemented in Jordan targeting Amman governorate in four laboratories Central Public Health Laboratory (CPHL), Central Veterinary Lab (CVL), and Royal Scientific Society (RSS).

The project started by identifying four key laboratories in Amman. EMPHNET consulted with the identified laboratories stakeholders to identify specific facility and laboratory inventory management tools, as well as requirements for the software tool to manage pathogen inventory.

Furthermore, EMPHNET designed an assessment tool to conduct assessment of the targeted laboratories. Upon analyzing the collected data and identifying the needs, the inventory tool software was developed. EMPHNET has equipped the targeted labs and delivered computers along with the software. Moreover, training workshops were conducted targeting senior and lab staff on the usage of the inventory management database tool.

EMPHNET is committed to keep following-up with the targeted laboratories to ensure the integration of the tool in the Laboratories' Standard Operation Procedures (SOPs).

BENEFICIARIES

The project's main beneficiaries were relevant public and animal health officials from Ministry of Health (MOH), Ministry of Agriculture (MOA) and RSS at central level.

PROJECT PHASES

The project involved three phases as follows:

Phase I – Preparations: Assessment and review of the existing specimens and pathogens inventory management tools at the identified laboratories. The assessment included evaluation of current inventory management tools as well as evaluation of inventory management needs for each facility.

Phase II – Implementation: Capacity building training workshops and delivering the inventory tool (software) and computers to targeted labs.

Phase III – Documentation: Data management and reports development and dissemination of progress and findings with stakeholders.

Project Start and End Date	07/20/2021 – 06/30/2022
Partner Organizations	Jordan MOH, MOA, and RSS
Funded by	Civilian Research and Development Foundation (CRDF)Global
Collaborators	CTR/BEP

Currently . . .

EMPHNET identified two laboratories under MOH, CPHL and BSL3, one laboratory under MOA, CVL and the fourth one is Virology and Molecular biology lab/Biosafety and Bio-Security Centre under RSS.

Additionally, EMPHNET designed an assessment tool and conducted assessment for the Pathogens inventory capacities of the targeted laboratories. The assessment gave opportunity to identify the needs and identifying key functional requirements for the inventory management tool.

What is next . . .

The capacity building activities allowed the targeted laboratories in using the inventory management tool to record and document pathogens in the labs. As a result, the implementation of the Inventory Management Software will improve the biosecurity practices, will enhance management of high consequence pathogens and will provide an evidence for adopting the inventory management systems for dangerous biological pathogens and dual use materials and equipment in Jordan.

By the Numbers

**Four
Laboratories
Identified**

**Assessment
Tool
Developed**

**Three stakeholders
engaged MOH,
MOA, RSS**

EMPHNET Information: 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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