



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 will contribute 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 will be implemented in Jordan targeting Amman governorate in four laboratories CPHL, CVL and RSS.

PROJECT DESCRIPTION

The project will start by identifying four key laboratories in Amman. EMPHNET will consult 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 will design an assessment tool to conduct assessment of the targeted laboratories. Upon analyzing the collected data and identifying the needs, inventory tool software will be developed. EMPHNET will equip the targeted labs and deliver computers along with the software. Accordingly, training workshops will be conducted targeting senior and lab staff on the usage of the inventory management database tool.

Upon the completion of the software installation and the trainings, EMPHNET will conduct follow-up visits to the targeted laboratories to assist the laboratory stakeholders during the period of performance for this project.

BENEFICIARIES

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

PROJECT PHASES

This project involves 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 will include evaluation of current inventory management - tools as well as evaluation of inventory management needs for each facility.

Phase II – Implementation: Conduct capacity building training workshops and deliver 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 – 12/31/2021
Partner Organizations	Jordan Ministry of Health, Ministry of Agriculture and Royal Scientific Society
Funded by	CRDF Global
Collaborators	CTR/BEP

Currently . . .

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

Additionally, EMPHNET will designed a assessment tool and conduct assessment Pathogens inventory capacities of the targeted laboratories. The assessment will give opportunity to identify the needs and identifying key functional requirements for the inventory management tool.

What is next . . .

The capacity building activities will allow the targeted laboratories in using the inventory management tool to record and document pathogens are in the labs and subsequently improve the biosecurity practices. Also, implementation of the inventory management tool will enhance management of high consequence pathogens and - the development of a tool for 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.

- ◆ Abdallah Ben Abbas St, Building No. 42, Amman, Jordan
- ◆ Email: comm@emphnet.net
- ◆ Tel: +962-6-5519962
- ◆ Fax: +962-6-5519963
- ◆ www.emphnet.net