



UNICRI has been tasked by the European Commission with the overall coordination, provision of technical assistance and monitoring the implementation of twelve projects in South Caucasus and Central Asian countries field of bio-safety and bio-security. This programme falls under the second phase of the European Commission's programme entitled "Strengthening Bio-Safety and Bio-Security Capabilities" and is funded under the European Union's Instrument for Stability



Project

A5

THE RECONSTRUCTION AND MODERNIZATION OF REFERENCE STRAIN LABORATORY BIO-SAFETY /BIO-SECURITY (PATHOGEN COLLECTION)

IMPLEMENTING INSTITUTION:

The Bio-Safety Problem Institute (BPI), Tajik Academy of Agricultural Sciences, Republic of Tajikistan

IMPLEMENTATION PERIOD:

15 July 2013 – 15 July 2015

COUNTRY:

Tajikistan

BUDGET:

305,000 euro

PROJECT DESCRIPTION:

The laboratory reference strain collection at the Bio-Safety Problem Institute, formerly the Institute of Biological Preparations, serves as a key asset for the Institute in conducting research on immune-biological properties of local strains and developing prophylactic vaccines against infectious diseases. In order to minimize the danger of a microorganism release, to prevent unauthorized access to laboratories and to provide working conditions for all personnel in accordance with internationally accepted standards for bio-safety and bio-security, certain reconstruction works are required to modernize the reference strain laboratory.

In this regard, the laboratory will be reconstructed according to BSL II+ standards (including ventilation, heating, sanitation etc.) and incorporating additional modern measures for security, including:

- video surveillance
- malfunction detection and registration
- laboratory access control

Additionally, key equipment will also be provided to the laboratory, which shall include autoclaves, centrifuges, refrigerators, electric thermostats and hand washers.

Through this reconstruction, renovation and provision of modern equipment, it is expected that the laboratory will meet international standards and will allow the institute's staff to safely and securely perform its work on infection diseases in conditions that have not previously been possible in Tajikistan. It is further expected that this work will allow the Institute to more actively engage the International bio-safety and bio-security community.

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