

Suggested topics

Moldova

Topic 1

- 1. IT innovation transfer to support CEE regional Biosafety communication and training
- -Regional node WebSite
- -Management of regional database
- -On-line modules for training in russian language

Topic 2

- 1. GIS mapping technology to improve data management and protection measures for RED Book species of plants and animals in MD, UKR, BE (pilot).
- -Boundaries GIS mapping for plant and animal species at the country level
- -E-portal of regional GIS mapping
- -Training and transfer of knowledge for decision makers and operational personnel

Topic 3

- 1. Transfer of Satellite imagery technology to ensure the ecosystems monitoring and planning management in a regional context
- -A specific software developed to make possible to download the satellite imagery of the targeted ecosystems in the region.
- -Training on satellite data maintaining and reading for IT, beneficiaries, ecosystem services users, decision makers, landowners, public etc

Topic 4

- Early detection and biological control system for invasive and alien species established to ensure monitoring and prevent measures of possible impact to biodiversity
- - in 2 countries – Moldova and ?? To develop appropriate legal and administrative capacity building to establish an Early detection and biological control of IAS
- -Training of professionals and operators to make useful the system and maintain database

**Establishment of a Central and
Eastern European Regional
Network of Laboratories for
Detection of LMOs and Centers of
Excellence
BBI request
Belarus&Moldova**

Overall objective

- The *overall objective* of the project is to establish regional collaboration and develop institutional capacities within participating countries to facilitate the detection and identification of LMOs with the view to ensure conservation and sustainable use of biological diversity and supporting the implementation of the Cartagena Protocol on Biosafety.

Scope

- The increased collaboration that will result from activities held through the establishment of the network will contribute to improved communication on biosafety related issues as well as harmonisation of the regulative and administrative fields. It will also provide a means for the continuous professional development of relevant laboratory personnel through the facilitation of knowledge sharing and networking.

CEE regional countries

- The project will promote collaboration between Belarus and Moldova and facilitate technical expertise and technological transfer to a number of the countries in the region: Armenia, Azerbaijan, Kazakhstan, Tajikistan etc.

Specific objectives:

- Development of national legal and procedural frameworks to support detection and identification of LMOs;
- Training of administrative and laboratory personnel on the methods and protocols for the detection and identification of LMOs;
- Establish Centres of Excellence to ensure sustainable training and consultative activity within the participating countries in the field of laboratory detection and identification, public information, BCH and long-term regional collaboration.

Belarus

The Institute of Genetics and Cytology has consistent capacities to serve as a Center of Excellence, to ensure continued national and regional training of laboratory personnel in order to ensure that they are staffed with qualified laboratory staff. In 2017 the National Coordination Biosafety Centre was re-equipped with the new equipment for quantitative and digital PCR.

Moldova

- The Moldovan Biosafety Office of the MADRM in collaboration with the Laboratory of Biosafety of the State University of Moldova also has the capacity to serve as a Center of Excellence in the fields of Biosafety training, communication and BCH, risk assessment and LMO detection. A number of regional initiatives has been promoted to ensure CEE regional communication and networking.

Proposed project activities

- The project will include 3 components:
- Harmonization of national and regional legal, normative and methodological frameworks in selected CEE countries.
- Trainings of laboratory personnel and specialists on LMO detection and identification using the model of the draft training manual suggested by the Cartagena Protocol. The trainings will be organized by the Institute of Genetics and Cytology, NAS of Belarus and the Biosafety Office of the Ministry of Agriculture, Regional Development and Environment of Moldova. International experts from JRC and BCH advisers will be invited to provide training assistance and share international and regional experience in this matter.
- Development of the Regional Network of detection laboratories and Centers of excellences. The CEE regional BCH Networks would be a part of activity of the Centers of Excellence.

The main outcomes of the project:

- - Draft amendments to the main national laws, of the participating countries with respect to laboratory detection and identification of LMOs, and draft Regulations on detection and identification will be prepared;
- - 3 training workshops on detection and identification methods, validation of methods, and accreditation of laboratories will be organized;
- - Regional CEE Network of detection laboratories and the Centers of Excellence (CE) are established and registered to the BCH portal. One workshop on the program of work of the CE will be organized.

CEE Biosafety Family (BCH)

Regional Networking

BBI Request for assistance

- Country – Moldova
- Name of Institution – Ministry of Agriculture, Regional Development and Environment, Biosafety Office
- Targeted countries: 15 countries in the CEE Region – Armenia, Belarus, Ukraine, Moldova, Albania, Macedonia, Turkey, Azerbaijan, Georgia, Serbia, Croatia, Lithuania, Latvia, Estonia, Montenegro
- Contact person – Angela Lozan

Scope of request

- Improving regional collaboration via establishing of a CEE Biosafety Family and the BCH networking to achieve sustainable biodiversity
- *Objective* – to establish a Regional Network of cooperation in line with the Central and Eastern Europe Biosafety ROADMAP (2018-2020)

activities

- Regional Node established
- CEE Biosafety Family website formalized
- On-line forums and communication
- Capacity building trainings on specific topics

Regional Node established

- Country selected as Regional Node Champion
- Moldova
- Secretariat/Committee formed (Belarus, Turkey, Latvia)
- One regional website established
- Terms of References of Regional Node formalized

Capacity building needs

- Establish Training Systems for CPB and BCH Capacity Building /No. of Regional/Subregional workshop conducted
 - 1 online regl meeting
 - 1 face to face meeting
- Use of E-learning platforms to build capacity in biosafety -Number of e-learning courses facilitated at the sub-regional regional levels -2 workshops
- Establishment of On-line Forum for CPB and BCH-related topics. No. of on-line forum hosted/ established at the national/sub-regional/regional levels
- -2 workshops

Capacity building needs

- Type of programs/projects/activities promoting regional cooperation
 - Types :
 - Exchange, sharing of information and experience (on-line/workshops/ trainings) in the following fields:
 - /_ Operating on BCH portal,
 - /_ Risk assessment,
 - /__ Sampling, detection, identification, laboratory equipment and operation accordingly international standards, methodology.
 - /_ Control, supervision, monitoring, risk management.
 - /_ Development of National Legislation
 - /__ Networking Development and Communication.
 - /_ Regional representation during COP-MOP

Regional Trainings

- /_ Training for Risk Assessors
- /_ Training of laboratory staff and inspectors of control
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- /__ Establishment/development/improvement of National Biosafety framework
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- /_ Regional training meeting on compliance with CPB
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- /__ Publish awareness material (brochures, leaflets)
- /_ Expertise on developing on regional guidelines on compliance with CBP
- /_ Workshop to share best practices on specific topics like risk assessment, inspection and control, laboratory detection, etc.
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Stakeholders involved

- Countries NCAs and CPB/BCH FPs
- Academic sector
- Laboratory personnel
- Farmer's and consumers associations
- Monitoring and control sectors
- Custom control
- Media, NGOs, youth, women