The EU CBRN Risk Mitigation Centres of Excellence: a multi sectoral initiative

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The initiative

**Objective:** global reduction of risks/threats due to Chemical, Biological, Radiological & Nuclear - CBRN materials

- Launched and funded by the EU since 2010 with the support of UNICRI
- Comprehensive approach: natural, accidental or criminal origin
- ~ 25 million Euros/year
- Country participation on a voluntary basis, bottom-up, local approach
- Holistic/silo breaking CBRN security governance
A multi-sectoral structure

Regional Secretariat

Supported by UNICRI
+ on-site expert

European Commission

Ministry of Foreign Affairs

Ministry of Interior

Ministry of Finances

Ministry of Health

Ministry of Agriculture

Ministry of Defense

Police, Customs, CP

Industrials

National contact points

International/Regional Organizations: WHO, BTWC, WOAH, 1540

CBRN NATIONAL FOCAL POINT

National Team of Experts
The cycle of activities

1. CBRN Guidelines
2. Risks Assessment
   - Needs Assessment
   - National Action Plan
3. Prioritization regional needs
4. Projects Proposal
5. Regional Action Plan
6. Regional Activities
7. National Activities
8. Analysis, Resource Allocation
9. Projects Implementation
10. Quality Control
   - Impact Assessment
Projects mitigating CBRN events

➢ Strengthening CBRN legal framework
➢ Improving CBRN capacities of first responders
➢ Enhancing medical preparedness to CBRN events
➢ Capacity building for CBRN detection
➢ Improving CBRN waste management
➢ Building CBRN forensics capacities
➢ Strengthening CBRN border control
➢ Better capacities for dual use export control
Projects on biological threats: StrongLab

- SAFE TRANSPORT SYSTEMS
- BIOSAFETY & BIOSECURITY: storage, handling, sharing
- QUALITY ASSURED LABORATORY TESTING CAPACITY

✓ Guidelines for clinical specimens collections (COVID-19 pandemic)
✓ Webinars on diagnostics, cases management, risk communication, etc.
✓ Roll out a global public health laboratory capacity recognition programme for pathogens with epidemic and pandemic potential

StrongLab 2.0
Projects on biological threats: MediPIET

Field Epidemiology Training Programme: long term fellowship: on the job learning + local supervisors & scientific coordinators

Training courses: 9 modules + 3 “Train of Trainers”

Public Health personal

Open to veterinarians

Networking:
- Annual scientific Conference
- links with other global initiatives
Projects biological threats: LabPlusAfrica

IPD regional hub for referral diagnosis
- EQA development
- Next Generation Sequencing & other technologies

IPD regional training centre for outbreak diagnostic
- Enlarged facilities to host an African trainees
- Training program includes Mobile Lab & deployment diagnostic
MediLabSecure

One Health approach for emerging vector-borne viruses

- Improved technical capacities for arboviruses and vectors detection
- Added value of integrated surveillance, risk assessment, early warning
- Sustainability of the One Health workforce

Guidelines for the operationalization of One Health strategies

• Interactions at operational level, with veterinary services and animal virology laboratories

• promoting the inclusion of local veterinary services
Thank you

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