



# 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



### South East and Eastern Europe

- Albania
- Armenia
- Azerbaijan
- Bosnia and Herzegovina
- FYR of Macedonia
- Georgia
- Moldova
- Montenegro
- Serbia
- Ukraine

### Middle East

- Iraq
- Jordan
- Lebanon

### Central Asia

- Afghanistan
- Khazakhstan
- Kyrgyzstan
- Pakistan
- Mongolia
- Tajikistan
- Uzbekistan

### South East Asia

- Brunei Darussalam
- Cambodia
- Indonesia
- Lao PDR
- Malaysia
- Myanmar
- Philippines
- Singapore
- Thailand
- Viet Nam

### African Atlantic Façade

- Benin
- Cameroon
- Côte d'Ivoire
- Gabon
- Liberia
- Mauritania
- Morocco
- Senegal
- Sierra Leone
- Togo

### North Africa and Sahel

- Algeria
- Burkina Faso
- Libya
- Mali
- Morocco
- Niger
- Nigeria
- Tunisia

### Gulf Cooperation Council

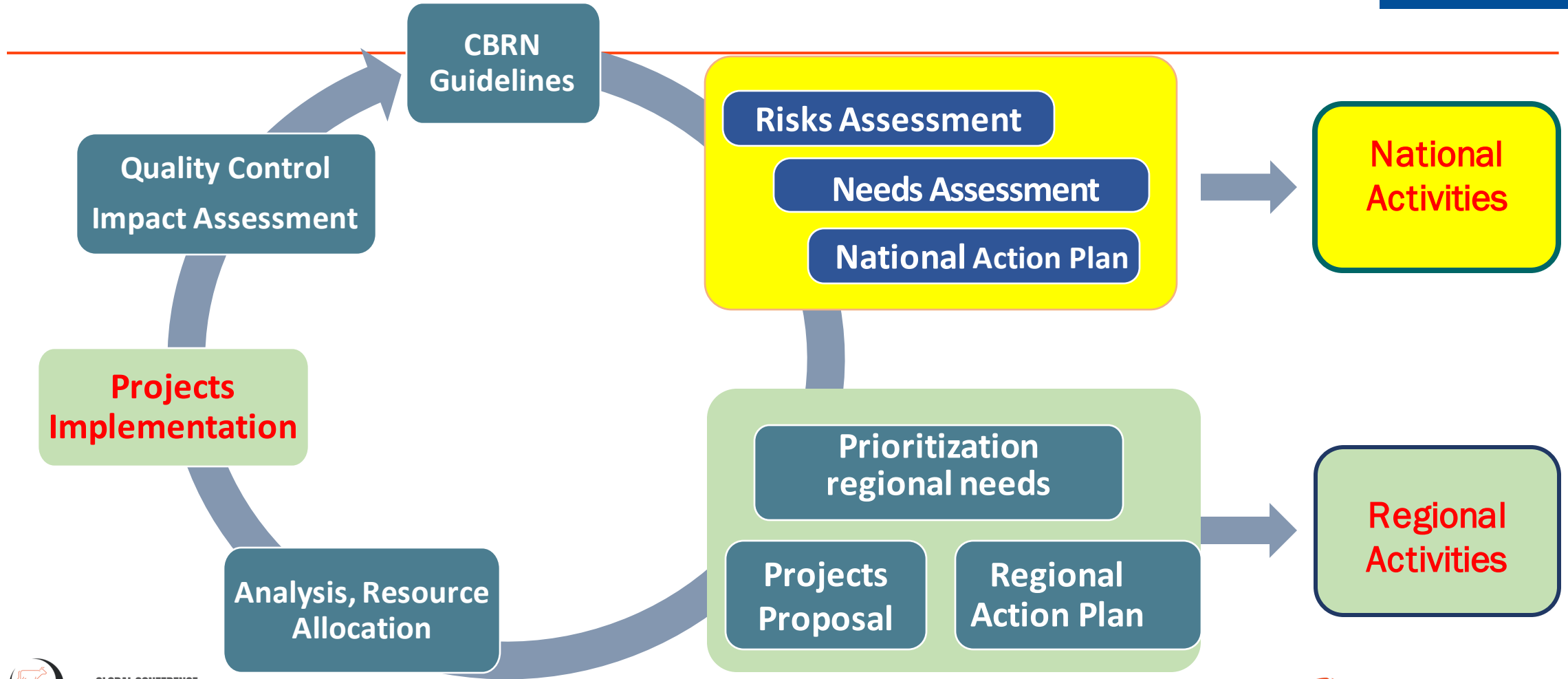
- Bahrain
- Kuwait
- Oman
- Qatar
- Saudi Arabia
- UAE

### Eastern and Central Africa

- Burundi
- DRC
- Ethiopia
- Ghana
- Kenya
- Malawi
- Rwanda
- Seychelles
- Tanzania
- Uganda
- Zambia



# The cycle of activities



# 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*



World Health  
Organization



**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**



Institut Pasteur

IPD regional **training centre** for outbreak diagnostic

- **Enlarged facilities to host an African trainees**
- **Training program includes Mobile Lab & deployment diagnostic**



P R A E S E N S



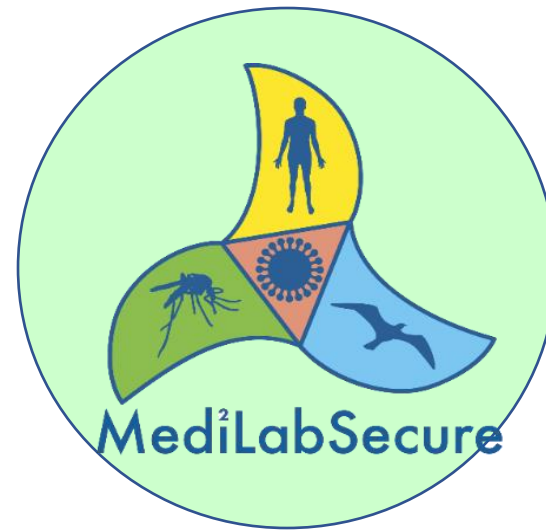
Off-road capabilities in Senegal to reach remote communities

# 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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