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CBRN
**Centres
of Excellence**
An initiative of the European Union

MEDILABSECURE Regional Meeting

January 20th-24th, 2020
Dakar, Senegal



Coordination Team
Department of International Affairs
Institut Pasteur

Project 75:

**Preventing biological risks
increased by environmental and
climate change in the
Mediterranean, Black Sea and
Sahel regions by strengthening
institutional capacities in the
context of One Health**



- Mitigation of Chemical, Biological, Radiological and Nuclear risks
- Initiative launched in response to the need to strengthen the institutional capacity of countries outside the European Union to mitigate biological risks related to arbovirus and their vectors
- MediLabSecure participates in promoting health security, peace and stability by addressing biological threats

<http://www.cbrn-coe.eu/>

Vectors diseases, Climate change & Globalisation

Advocacy for the adoption of a One Health approach

- Capacity building
- Institutional Networking





Networking

Preventing vector-borne diseases around the Mediterranean and Sahel regions by reinforcing **an international network of laboratories and public health institutions**

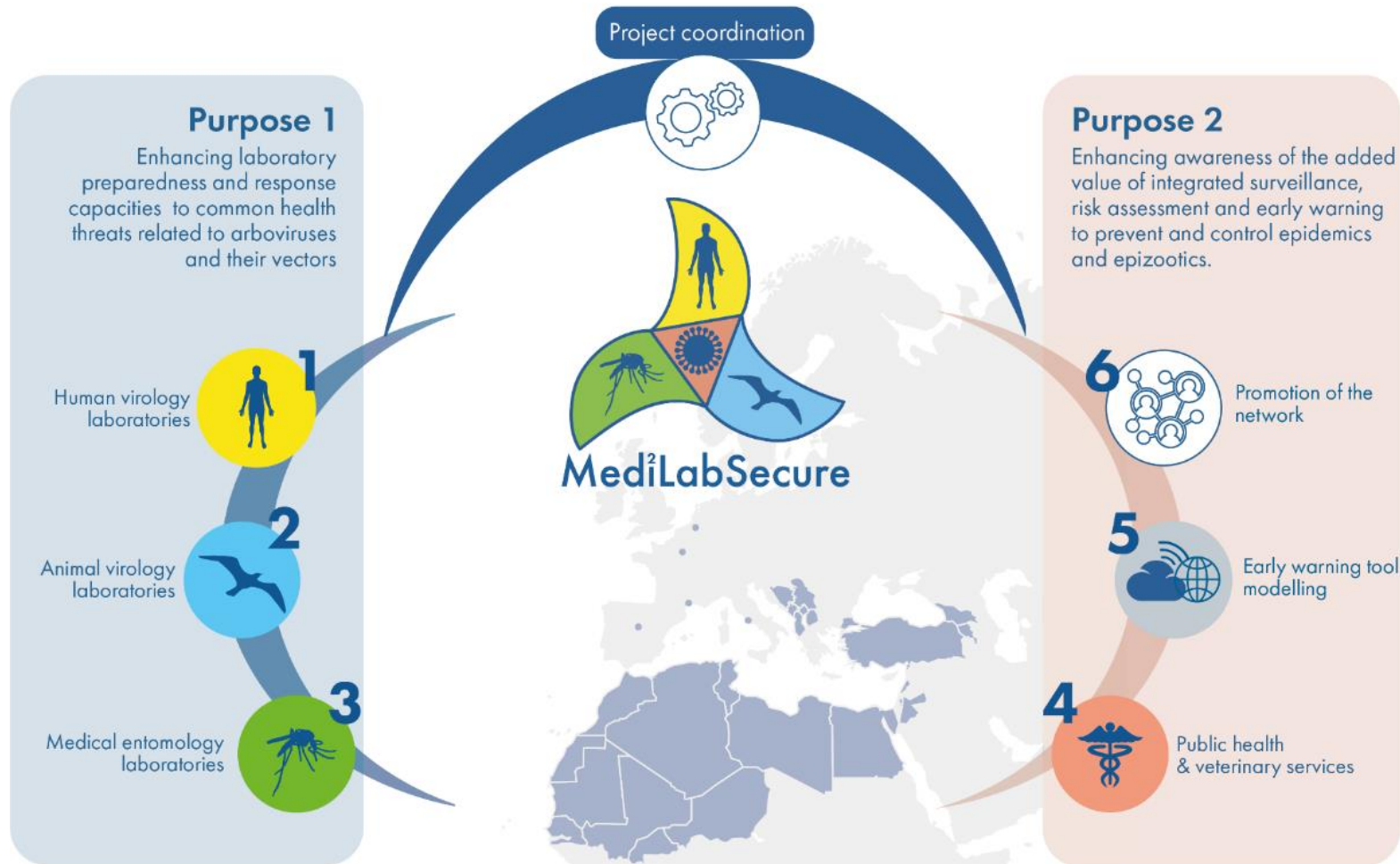
Capacity building

Enhancing **laboratory preparedness** and response capacities to arboviruses and their vectors

Enhancing awareness of the added value of **integrated surveillance, risk assessment and early warning** to prevent and control epidemics and epizootics



IMPLEMENTATION

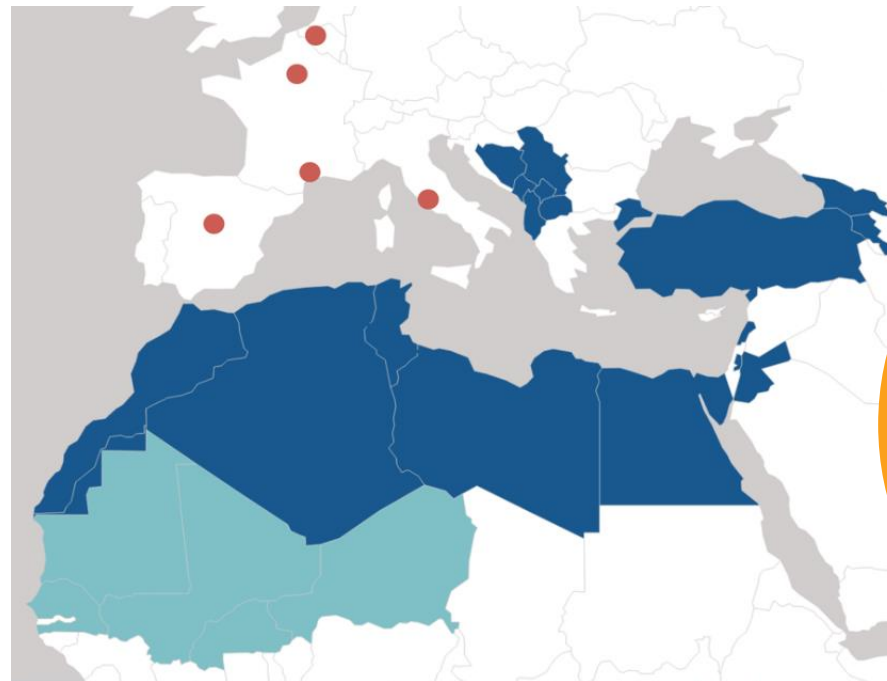


THE NETWORK



22 participating countries

Albania
▶ Algeria
Armenia
Bosnia & Herzegovina
Burkina Faso
Egypt
Georgia
Jordan
Kosovo*
Lebanon
Libya
▶ Mali
▶ Mauritania
Montenegro
▶ Morocco
▶ Niger
Palestine**
Rep. of North Macedonia
▶ Senegal
Serbia
▶ Tunisia
Turkey



- Participating countries during the first phase of the project (2014-2018)
- 5 implementing institutes
- New targeted countries

Gathering more than
170 multidisciplinary experts
in 114 laboratories
and national institutions

* This designation is without prejudice to positions on status and is in line with UNSCR 1244 and ICI Advisory opinion on the Kosovo declaration of independence

** This designation shall not be construed as recognition of a State of Palestine and is without prejudice to the individual positions of EU Member States on the issue



- **Tailored training**

serological and molecular diagnosis of viral infections, molecular analysis, biosafety practises, vector identification, vector monitoring and control, epidemiology, spatial risk mapping etc..

- **External Quality Assessment:**

viral genome detection, serological evaluation, mosquito identification etc..

- **Intersectoral exercises:** integrated risk assessment etc..

- **Technical support for preparedness:**

Strategic document, Moskeytool, SOP, mosquito factsheet etc..

- **Reinforcement of regional connections:** networking meeting

- **Cooperation and bridging** with other initiatives in the region

- Closer interactions with **CBRN CoEs**

ACHIEVEMENTS SO FAR



- More than 500 participants have been trained for early detection of biological threats through 13 technical workshops and 6 EQA
- Development of technical and advocacy surveillance tools
- Consolidating a network of multidisciplinary experts with a strong sense of ownership and encouraging intersectoral collaboration



UPCOMING ACTIVITIES FOR NA AND SAHEL



2020 -
2021



Human virology



Animal Virology



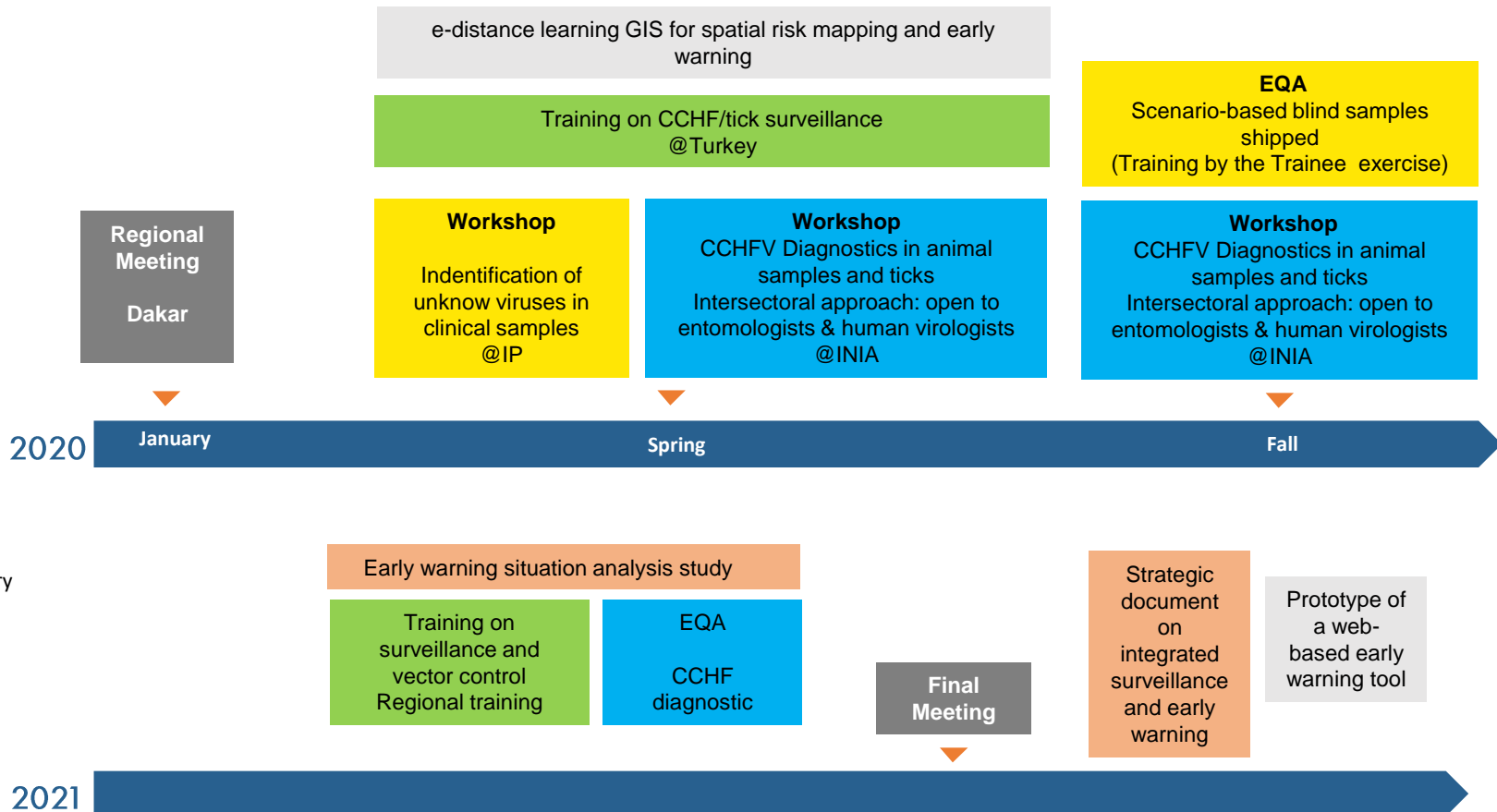
Medical Entomology



Public Health and Veterinary
Services



Early warning tool
modelling





www.medilabsecure.com



Newsletters



Private Partner area





Twitter account



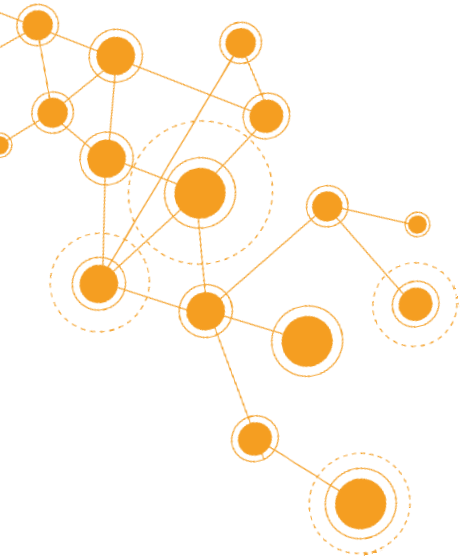
Follow @MediLabSecure !



Objective: Long-term benefits after project completion

Means: Continue, during the 3 additional years, to build on network assets through...

- Bottom-up approach to provide tailored capacity building according to needs
- Accentuated ToT approach
- Production of long-lasting educational tools
- Involvement of network members in the design/hosting of events
- Emphasis on regional activities





- Strengthen collaboration with Regional and National focal points from CBRN CoE
- Enhanced collaborations with regional stakeholders and related initiatives
- Building further on the framework to facilitate the regional public health/scientific collaboration
- Continued promotion of One Health intersectoral collaboration as a foundation favouring the implementation of integrated surveillance systems
- Increased visibility of laboratories and institutions activities and role in the VBDs preparedness panorama
- Transition from a core network of experts to a more institutional level



Ownership is fostered





THANK YOU!