

# CAPACITY BUILDING OF LABORATORY TECHNICIANS WITHIN THE LAB-NET PROJECT IN GUINEA

S. OUATTARA I. AMBLARD, A.SAVANE, N. STEENKESTE, L.L. FOFANA, S  
TRAORE, JL. MACHURON, M.S. BAH

des racines pour la vie



roots for life





# Presentation objectives



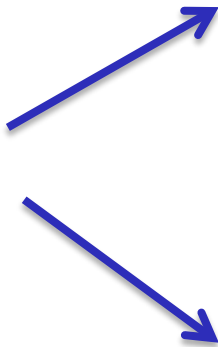
Present Foundation Mérieux's contribution to the post Ebola recovery efforts of Guineas health system, with a focus on clinical laboratories.





# Project scope – general information (1/2)

## Project administrators



- Pref. Hospital + Regional Hospital labs
- Community labs
- Health Center labs
- SSA Labs



- UHC labs
- National labs
- Reference labs

**FMX Budget:** 1,228,000 €





## Project scope – general information (2/2)

## Objectives

- **Phase I:** Develop an action plan with the Guinean health authorities based on an extensive and nationwide laboratory evaluation.
- **Phase II:** Strengthen laboratory capacities and their capability to provide quality diagnostics. Strengthen laboratory surveillance for epidemics (Ebola virus disease epidemic and future epidemics).

Project execution in collaboration with the MoH via the DNPL/DNL





## Structure

- ## Limitations

- ➡ Agreement with the MOH and BSD to migrate to the DHIS2 software





# DHIS2 mapping tool

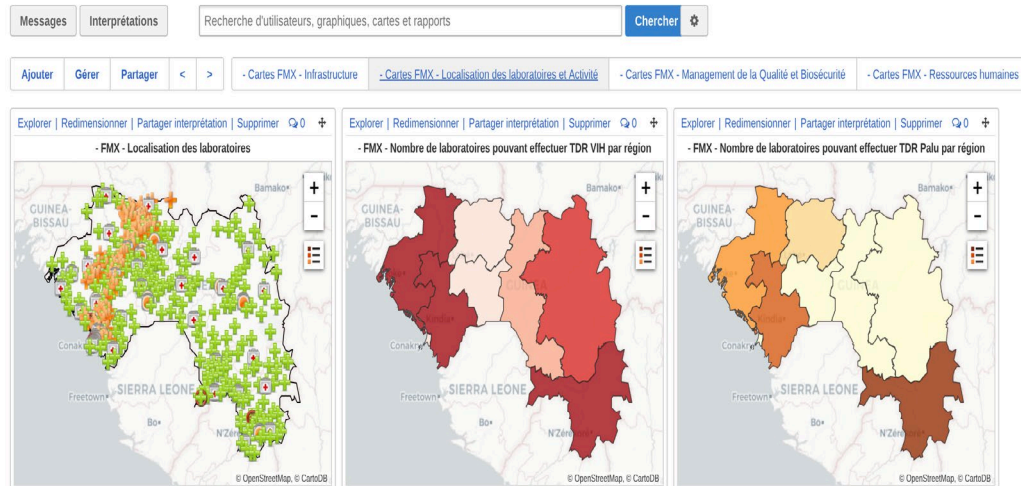
## Advantages

- Open-source software
- Locally based server
- Consistency with the MoH and WAHO guidelines
- Process and analysis of more data



Development of a data analysis interface

Ecrire feedback • 11 Messages non lus • Cartes FMX - Localisation des laboratoires et Activité





# Technical training (1/2)

## Biosecurity

- 17 training sessions
- 327 trainees



## Transportation of infectious substances (IATA)

- 3 training sessions
- 54 trainees





## Technical training (2/2)

## Training on external quality control

- 1 session
- 24 trainees



## Laboratory management

- 2 sessions
- 49 trainees
- co-organised with IP of Guinea





# External Quality Control



- Mentoring 10 laboratories on external quality control
- In coordination with RESAOLAB
- 3 events per year
- Field : biochemistry
- Duration : 1 year





# Acquisition of laboratory equipment

Purchase of:

- Personal protective equipment
- Secure sample kits for transportation
- Laboratory consumables

➔ **Distribution to 45 health facilities**





## Next steps

- End of LAB-NET : December 2018
- Continuation of capacity building with LABOGUI (started July 2017)
- Budget : 4,100,000 Euros
- Funding: AFD (Agence Française de Développement) and Fondation Mérieux (10%)
- Beneficiaries : 39 Hospital Laboratories
- Duration : 3 years





SCIENTIFIQUE  
recherche vaccino  
les pays du monde  
DIAGNOSTIC  
épidémiologique  
COORDINATION  
ACTEURS  
Action  
Centres de  
santé  
MALI • CAMBODGE • MADAGASCAR • HAITI • LAOS  
de soins  
INNOVATION  
PRÉVENTION  
recherche Surveillance épidémiologique  
us les pays du monde  
recherche Information  
innovantes THÉRAPIES  
DEVELOPPEMENT  
solutions innovantes  
biologie DURABLE  
FIQUE  
logie  
monde  
ce  
COORDINATION  
ACTEURS DE SANTÉ  
Centres de Conférences

MALI • CAMBODGE • MADAGASCAR  
Outils  
LABORATOIRES  
DE SANTÉ  
Conférences  
LABORATOIRES  
MICRO  
CRÉDITS  
solutions innovantes  
vaccinologie  
PRÉVENTION  
MALI • CAMBODGE • MADAGASCAR  
Centres de soins  
HAITI • LAOS  
Haut niveau de  
compétences  
LABORATOIRES  
SENTINELLES  
MICRO  
CRÉDITS



**des racines  
pour la vie**

