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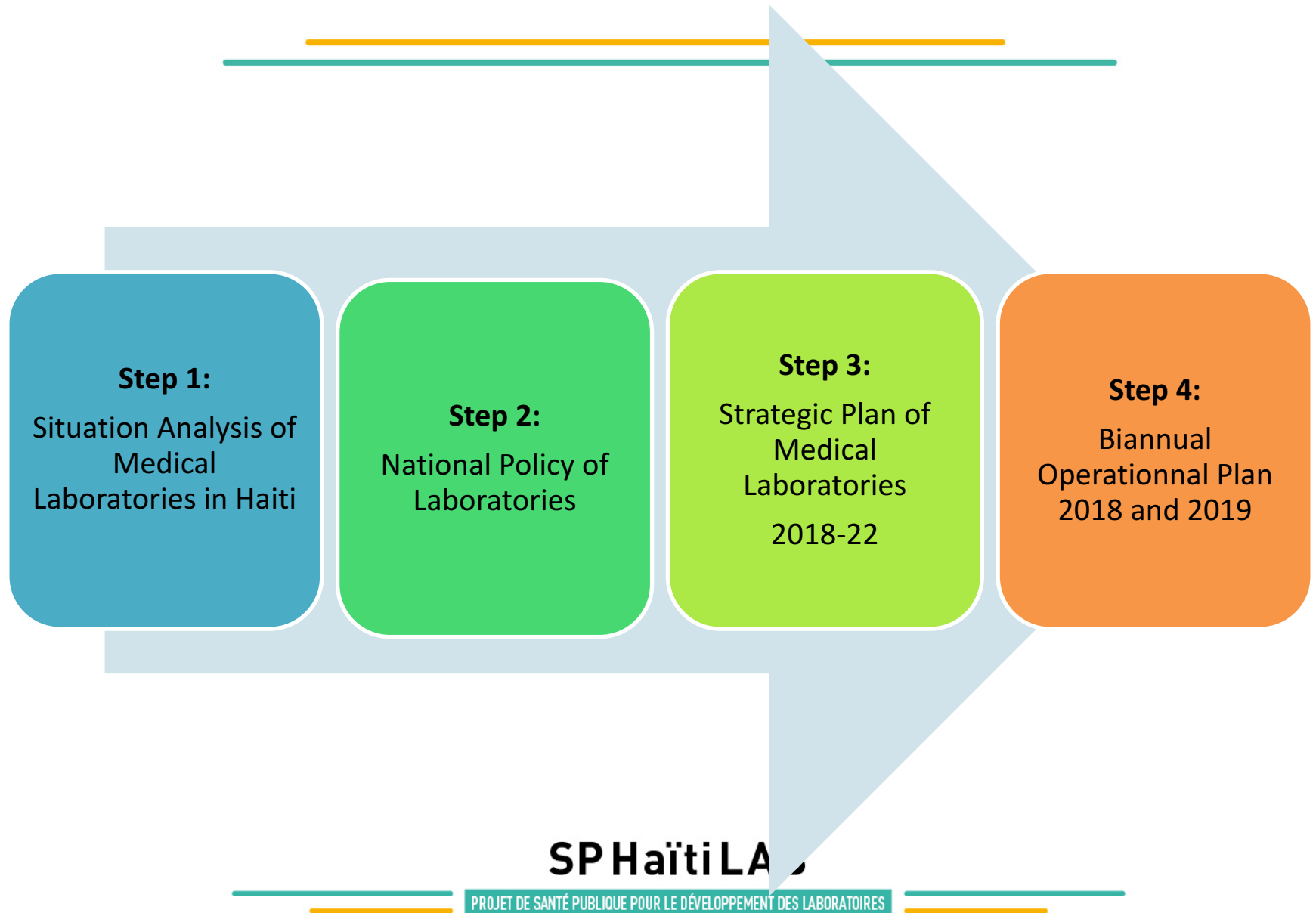
PROJET DE SANTÉ PUBLIQUE POUR LE DÉVELOPPEMENT DES LABORATOIRES

**Formulation of a National Policy for the Laboratory Network in
Haiti, process of situation analysis and policy formulation**

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Strategic Planning





STEP 1: SITUATION ANALYSIS OF MEDICAL LABORATORIES IN HAITI

2 Activities:

- ◆ **Field Evaluation of 30 Medical laboratories**
- ◆ **Evaluation of the existing documents regulating the medical laboratories sector including the previous Strategic Plan of the National Medical Laboratories Network 2010-2015**

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Evaluation of 30 Medical laboratories



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Objectives (1/2)

- Describe the **institutional organization** and **regulatory framework** of the laboratories
- Take inventory of the **laboratories infrastructures** including biosafety-biosecurity issue
- Identify the profile of the **staff who is working** in the laboratories
- Take inventory of functional **equipments** and identify main problems related to their **maintenance**



Objectives (2/2)

Identify the reagents **supply chain** (circuit) and assess their **storage conditions**

Determine operational capacity of the laboratories to carry out the **minimum package of activities related to each level**

Identify the **types of tests currently performed** by the laboratories and their **related costs**

Highlight main management problems that laboratories face



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Methodology

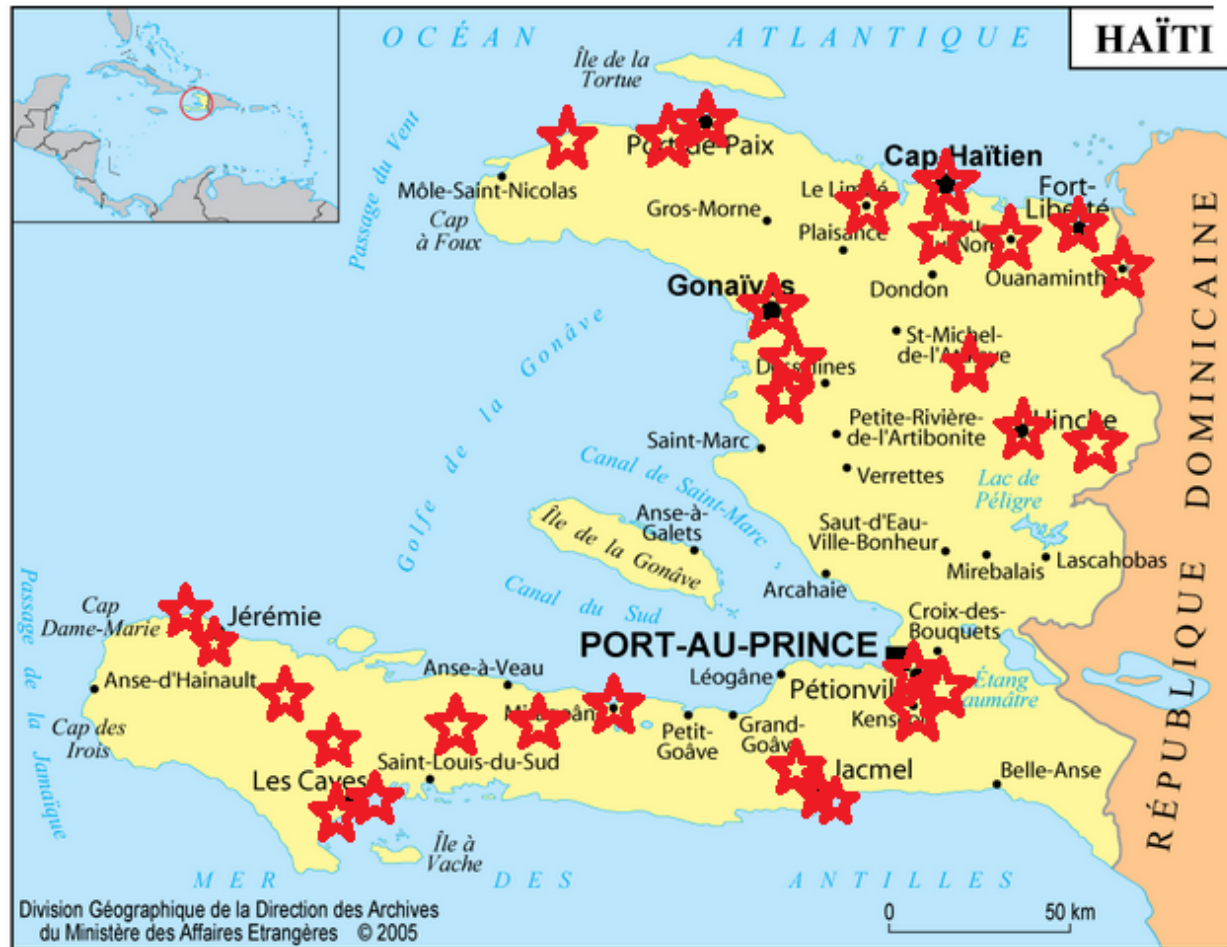
The study was realized in Haiti including public and mixed health facilities with laboratories

Study design

Cross-sectional study conducted from January 19th to February 4th, 2016



Map of the 30 laboratories visited



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MAIN RESULTS

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The Infrastructure

- The general basic infrastructures conditions were found to be satisfactory in the majority of labs (83%)
- However, energy power is unstable in majority of the observed labs
- Due to poor electrical capacity, negative impacts on the quality work and conditions



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Human Resources (HR)

Among the 30 Laboratories, **50% do not have technologist, 20% of Laboratories have only a single Technician.**

There is **no biologist doctor or pharmacist** working in the laboratories visited even including the level of the teaching hospitals

- Continuing training programme and performance evaluation of the Staff is weak or absent in the majority of visited labs



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Contribution of the laboratories to the epidemiological surveillance

- Periodically, **laboratory data is not systematically available**
- Only 43% of the laboratories say having sent data to the surveillance system
- The system of **samples transfer** is not well organized



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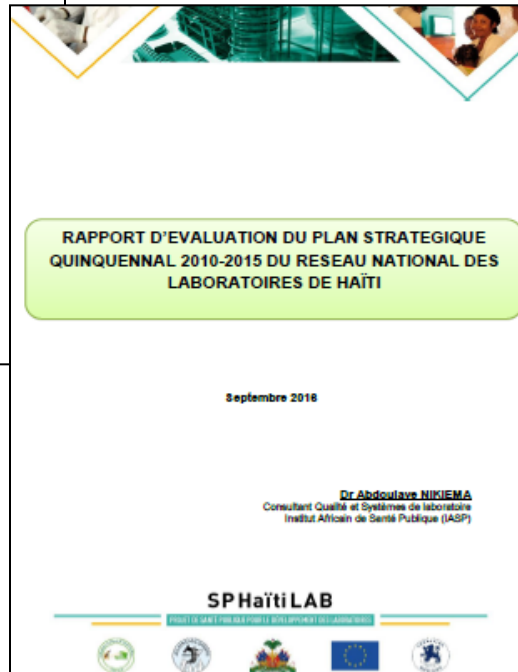


Evaluation of the previous Strategic Plan of the National Medical Laboratories Network



Plan Stratégique Quinquennal du
Réseau National de Laboratoires
2010-2015

Juillet 2010



Period: Aug-Sept 2016

Methology:

- Interviews of key decision makers
- Qualitative and Quantitative analysis following the JANS method (*Joint Assessment of National Strategies*)

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Main results (1/3)

Qualitative evaluation – insufficient work on the elaboration of the plan, implementation and Monitoring&Evaluation:

- Weak situation analysis
- Absence of strategic objectives measurable and time bound
- Expected results did not have indicators and targets
- The budget did not include the sources and resources already committed
- Absence of operational plans for the implementation
- Absence of the Monitoring and Evaluation plan

Main results (2/3)

Among the activities planned that were implemented:

- Functional National Lab Network
- Functional and performant National Lab
- External Quality Assessment Programme
- New harmonized initial training curriculum for lab technicians
- Bachelor of Applied Sciences (BAMS) for the improvement of the capacity of lab technicians already employed
- Continuous training and supervision
- Official documents on the standards of construction and running of labs

Main results (3/3)

Among the gaps:

- Capacity of health training schools to put in place the new curriculum
- Implementation of the lab standards
- Availability numbers of well trained lab personnel
- Availability of funds (especially weak national investment)
- The maintenance of the equipment
- The constant availability of lab reagents and consumables

Issues of Analysis of situation

- **The national laboratory network in Haiti is dysfunctional, with most of the laboratories functioning below their expected level**
- **This analysis provided insights into the reasons why the laboratories were under-performing, ranging from lack of trained personnel, dilapidated infrastructure to lack of supplies.**

Based on this analysis, key stakeholders were mobilised for formulation of a new policy which would be based on realistic information, using knowledge from previous experiences



STEP2: NATIONAL POLICY OF LABORATORIES



REPUBLIQUE D'HAÏTI

Ministère de la Santé Publique et de la Population
Direction d'Epidémiologie, de Laboratoire et de Recherche
Laboratoire National de Santé Publique

POLITIQUE NATIONALE DES LABORATOIRES D'HAÏTI

Septembre 2017

Joint development of National Laboratory Policy through national workshops

May-Aug 2016: Preparation of the draft 1 of the National Policy based on the evaluations and on the draft 0 developed by the National Lab

Sept: Retreat for 5 days of the core group of experts for further development of the Policy

Sept-Nov: Refinement of the Policy by a restricted core group

Nov : Consultation Forum of 2 days with a larger audience

Nov-Aug 2017: Review of the complete document by two advisors

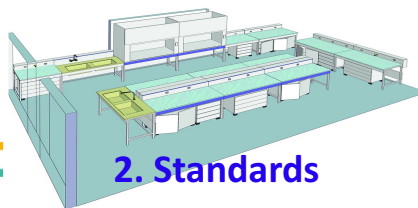
Sept 2017: Submission of the Policy to the Minister of Health and her Cabinet for comments before finalization



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10 Strategic Axis



Monitoring & Evaluation

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STEP 3: JOINT DEVELOPMENT OF STRATEGIC PLAN OF MEDICAL LABORATORIES 2018-22



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Feb-March 2017: Creation of thematic working groups and development of the draft 0 of the Strategic Plan

April: Retreat for 5 days of the core group of experts for the harmonization of the axes developed by the thematic groups (draft 1)



April-May: Refinement of the activities for each development axis by the thematic groups

June: Consultation Forum of 2 days with a larger audience



June-Oct: Development and refinement of the budget

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STEP 4: JOINT DEVELOPMENT OF THE BIANNUAL OPERATIONNAL PLAN 2018 AND 2019

(In progress)

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Outcomes of the SPHaïtiLab Project

- The new policy for the national public health laboratory network and strategic plan for improvement are based on evidence from previous experiences and are based on priority setting, which is supported by a wider group of national and international stakeholders
- Linkages were made with the Global Health Security Agenda and with cholera control in Haiti, showing the relevance of public health laboratories for public health interventions

Next Steps

- Endorsement of the new policy for the national health laboratory network and strategic plan by the Haitian government
- Mobilization of resources for the financing of the strategic plan



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Thank you for your attention

