

National Laboratory Strategic Planning

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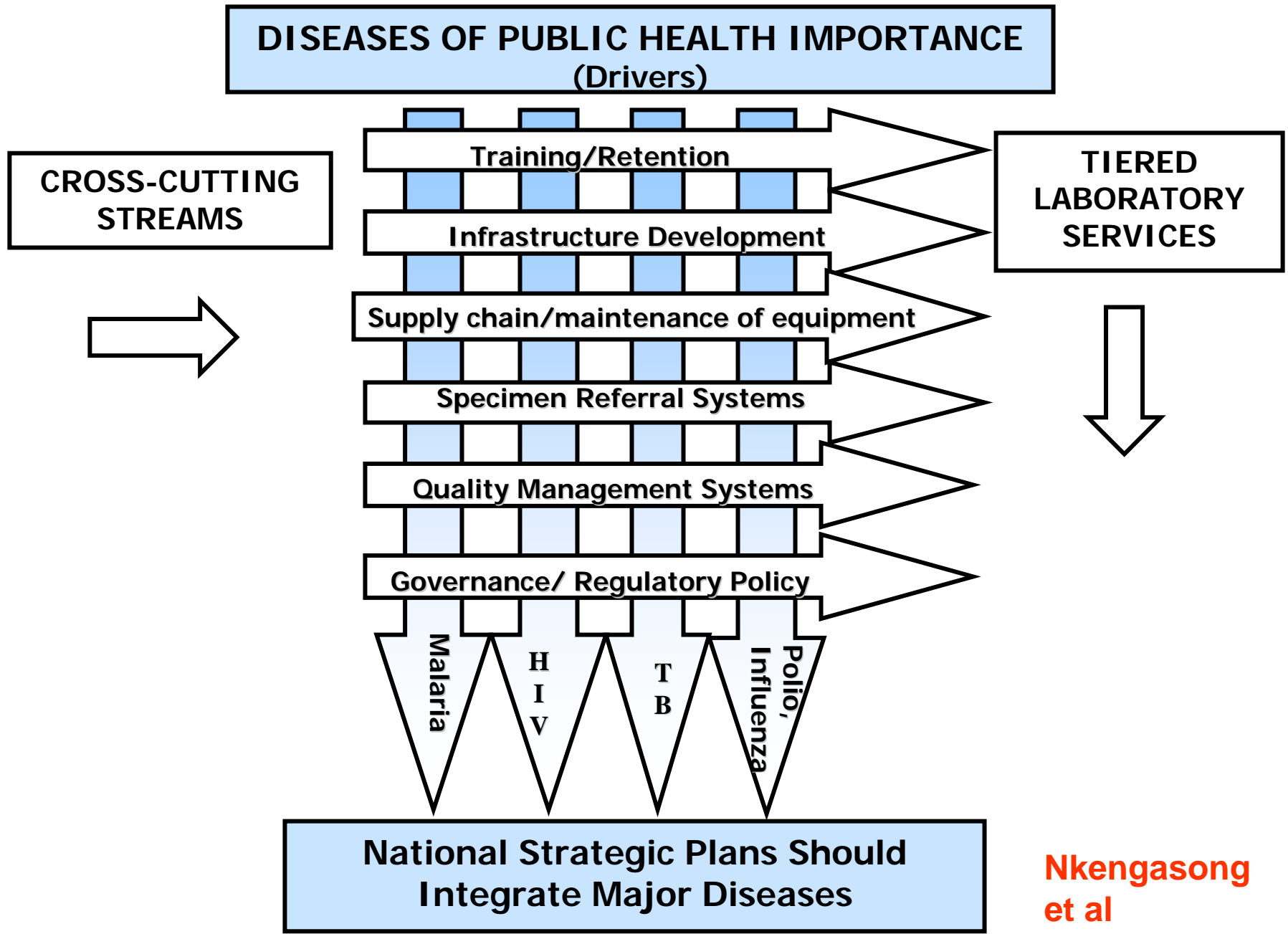


The Maputo Declaration on Strengthening of Laboratory Systems

Call on national governments to support laboratory systems as a priority by developing a national laboratory policy within the national health development plan that will guide the **implementation of a national strategic laboratory plan. Governments should establish a department of laboratory systems within the Ministry of Health.**

Call on national governments with support of their donors and partners in resource-limited settings to develop national strategic laboratory plans that **integrate laboratory support for the major diseases of public health importance including HIV, tuberculosis, and malaria.**

Core cross-cutting elements of laboratory health systems that should be strengthened to support multiple diseases of public health importance



**Nkengasong
et al**

TB, HIV, Malaria - Integrated Training Center, Zaria, Nigeria



Strengthening laboratory infrastructure in Ethiopia using an integrated approach

Reference laboratory for HIV, TB, and Malaria





National Laboratory Policy

*Foundation for developing
sustainable laboratory health
systems*

National Strategic Laboratory Plans

Potential structure of a national laboratory network system in resource-poor countries

Functions

Policy, Planning,
Training, Quality
Systems

Referral testing

Central Public Health Laboratory

Regional
Public Health
Laboratory

Regional
Public Health
Laboratory

Regional
Public Health
Laboratory

District
Laboratory

District
Laboratory

District
Laboratory

Health Center
Laboratory

Health Center
Laboratory

Health Center
Laboratory

Responsibilities

Oversight of
regional level
laboratories

Oversight of
government and
non-government
laboratories at
regional level

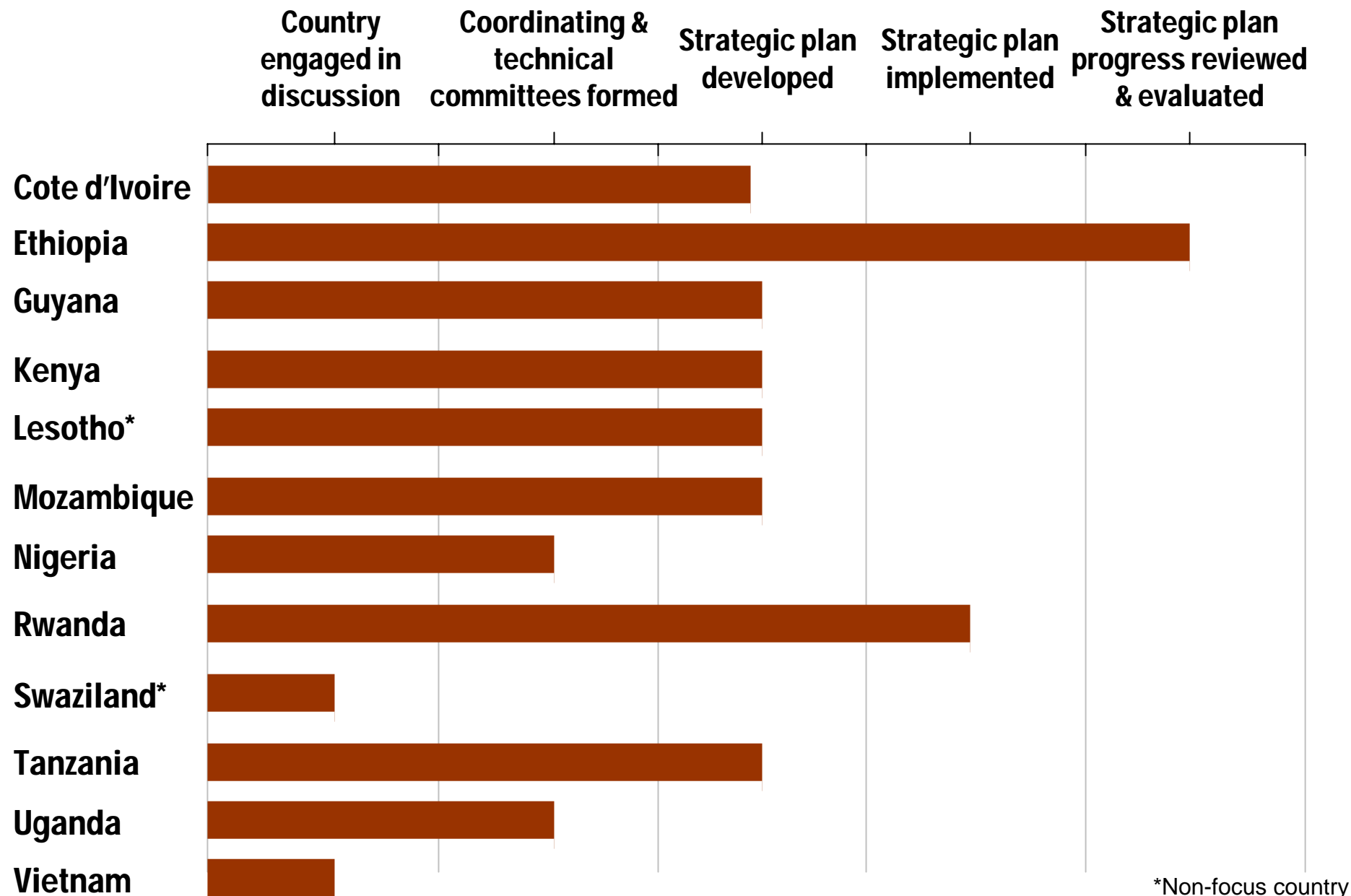
Support for
government and
non-government
laboratory testing
at district level

Support for
government and non-
government laboratory
testing support at
health centers

Steps to implement a laboratory strategic plan

- Country engagement
- Coordinating & technical committees formed
- Strengths, weaknesses, opportunities, and threats (SWOT) analysis conducted
- Strategic plan:
 - Developed
 - Strategic plan implemented
 - Strategic plan progress reviewed & evaluated

Development of national strategic laboratory plan in PEPFAR countries



*Non-focus country

National MOH laboratory policy & strategic plan



MEDICAL LABORATORY SERVICES OF KENYA

NATIONAL POLICY GUIDELINES

Quality Laboratory Services for All



National Public Health Laboratory Services



MEDICAL LABORATORY SERVICES OF KENYA

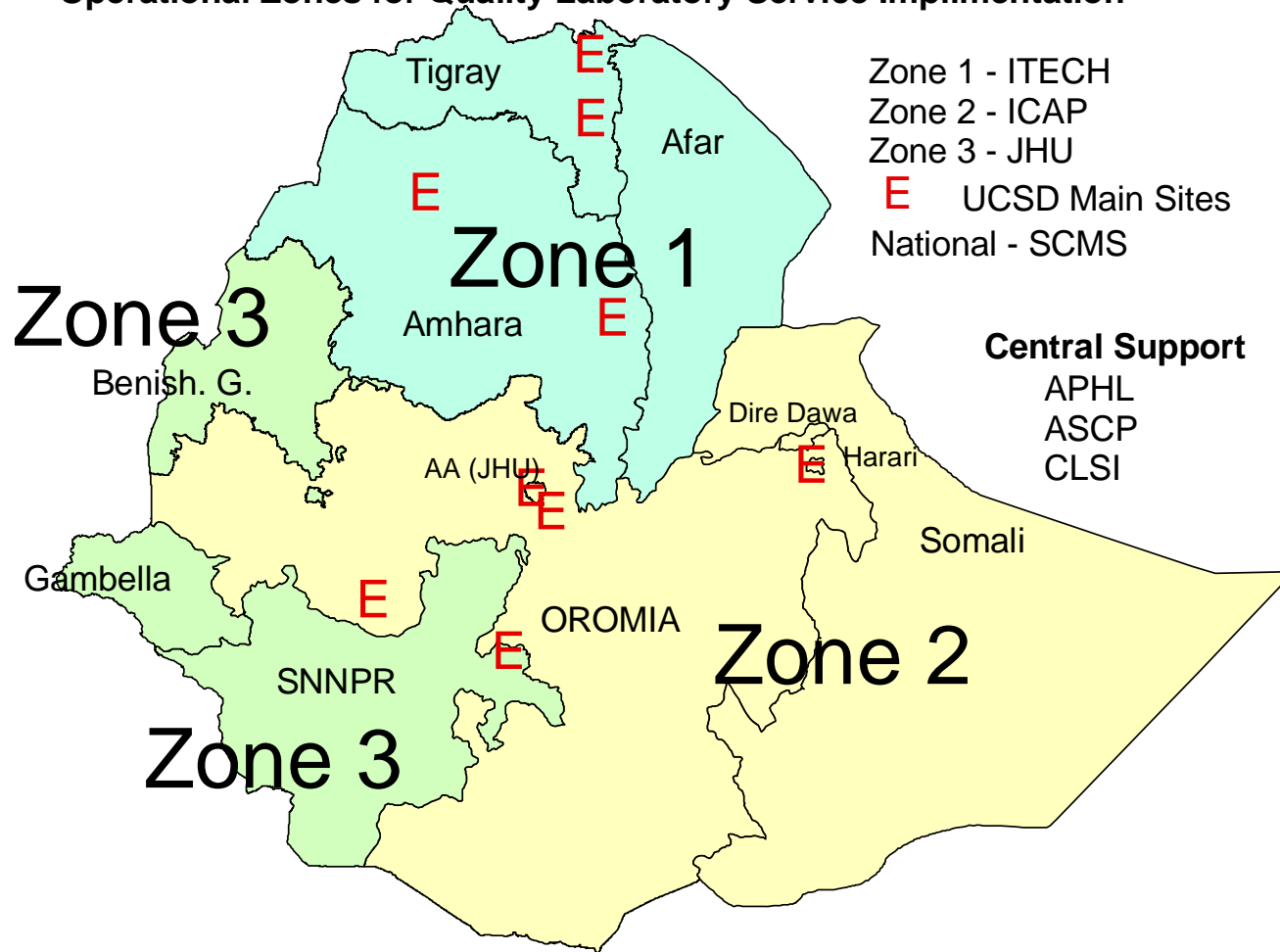
NATIONAL STRATEGIC PLAN 2005 - 2010



National Public Health Laboratory Services

Mapping of laboratory partners in Ethiopia to implement the national laboratory plan

Operational Zones for Quality Laboratory Service Implimentation



Conclusions

- Strategic laboratory plans are a cornerstone for strengthening laboratory systems
- Provide a process to coordinate efforts, build synergies, and develop sustainable laboratory systems
- Ensure there are no parallel laboratory systems
- Create a path for integration of infectious disease laboratories
- Encourage public-private partnerships