

# WHO Regional Perspectives

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**WHO /AFRO**

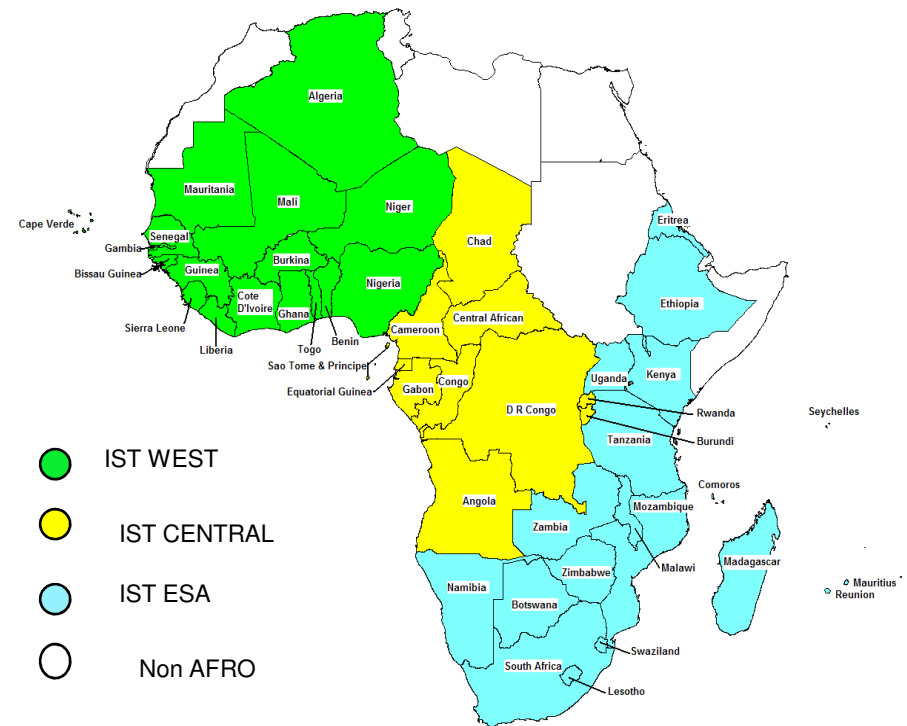
*Global Consultation of the SRLN*  
*Geneva 14-15<sup>th</sup> April 2010*

# Regional Overview

## Demographic information

- 46 countries comprising of anglophone, francophone, lusophone countries.
- Distributed into 3 inter-country support teams:
  - Eastern and Southern Africa
  - Central
  - West

## • Three ISTs in AFRO



# Regional Overview

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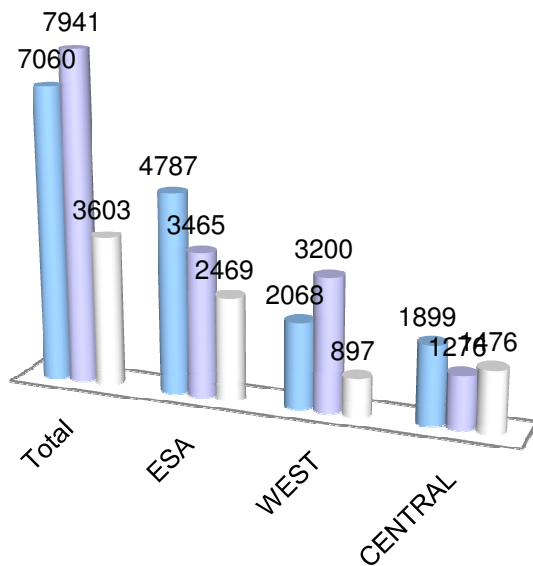
- **9 of the 22 global HBC**
- **32 of the 58 global MDR-TB burden**
- **Tuberculosis is fuelled by HIV/AIDS**
- **Weak laboratory structure;**
  - **mainly ZN microscopy.**
  - **HR**
  - **Financial resource**
  - **Infrastructure.**

# Regional Overview

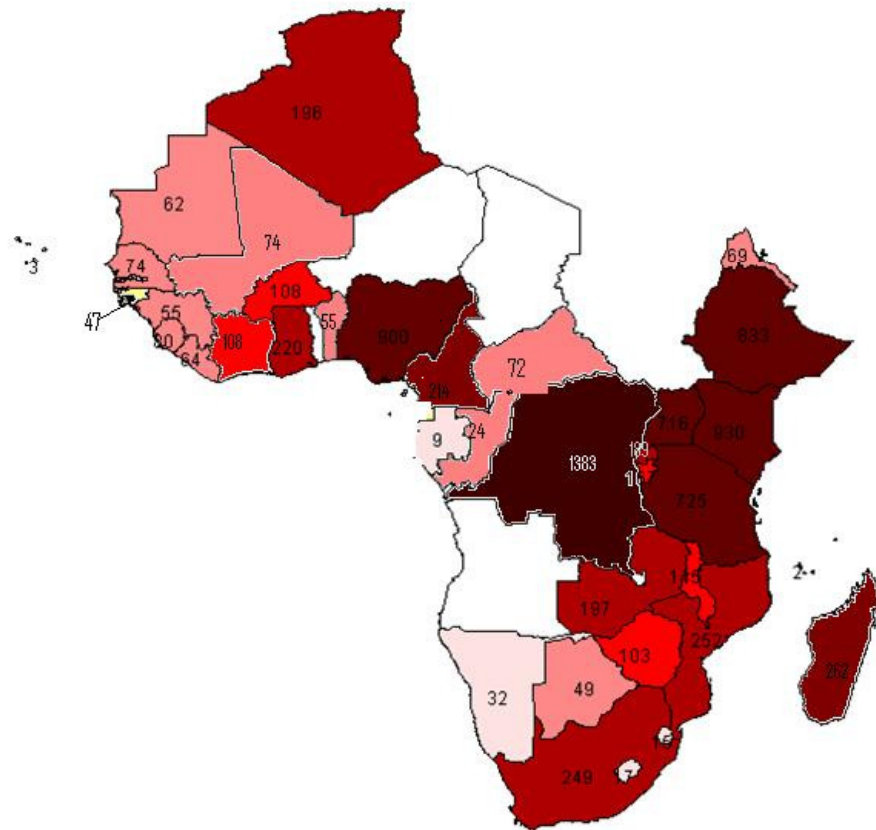
- **Microscopy network**

## Microscopy

- Available microscopy units
- Mic units/100000population
- Quality assured microscopy

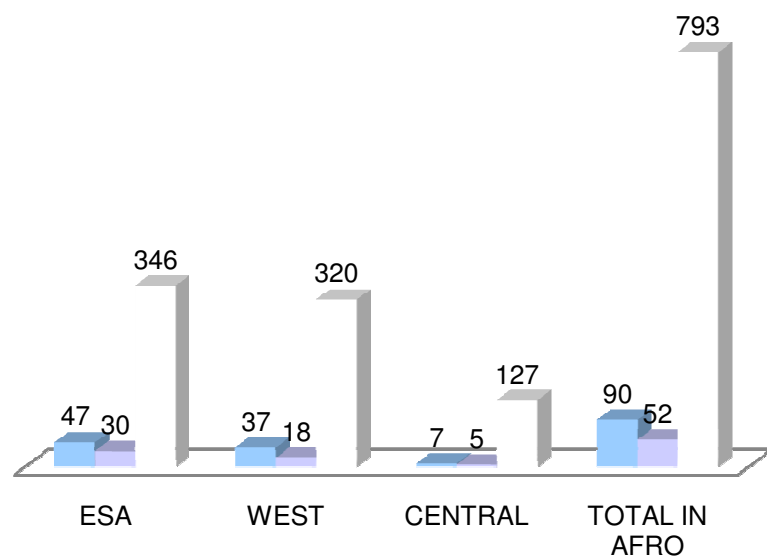


- **Distribution**



## TB culture facilities

- Number of Culture laboratories
- 1st line drug DST
- Recommended/1 million population



- DST to second line drugs done in 10 facilities
  - Algeria, Ghana, Nigeria, South Africa and Uganda.

# Regional Overview

## • Swot Analysis

Strength	weakness	opportunities	threat
<ul style="list-style-type: none"><li>•Availability of microscopy services in all countries</li><li>•Ability to detect 1<sup>st</sup> line antiTB resistance in some countries</li></ul>	<ul style="list-style-type: none"><li>•Limited coverage of quality assured microscopy service</li><li>•Limited capacity to diagnose 2<sup>nd</sup> line antiTB resistance</li><li>•Lack of regional EQA scheme for TB bacteriology</li><li>•Weak integration of lab and NTP in some countries.</li></ul>	<ul style="list-style-type: none"><li>•Establishment of TBL at STOP TB in Geneva</li><li>•SRLN</li><li>•Focal points for TB laboratory services</li><li>•Laboratory strengthening projects – EXPAND-TB</li></ul>	<ul style="list-style-type: none"><li>•High cost investments of laboratory strengthening in the economic downturn.</li></ul>

# What SRL support is needed in the region?



- **Supranational Reference laboratories (SRLs): WHO collaborating centers elected for purposes of giving **technical assistance** to national reference laboratories of countries linked to them**
  - strengthen the laboratory and its network
  - assure quality of product delivered
  - other aspects of capacity building role of NRL.

# What SRL support is needed in the region?



- bio-safety,
- annual proficiency testing of National Reference Laboratories,
- quality assure results from country surveys
- MDR-TB treatment programmes in the form of rechecking samples of isolates,
- TB Drug Resistance Survey
- MDR-TB treatment programme project.



# Sources of funding available for SRL support at regional level?

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- **None at regional level**
- **Global fund at country level**

# Proposed next steps

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- Existing SRLs
- New candidates