

Technical assistance in Latin America 2010 -2011



Servicio Micobacterias
Instituto Nacional de Enfermedades Infecciosas
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ARGENTINA

Regional Activities

Member of

PAHO /WHO Regional TB Programme Technical Advisory Group
(since 2007)

Regional Green Light Committee
(since 2011)

Guatemala, April 11, 2011

Cochabamba , Bolivia, January 6-8 2012

Regional Activities

AMRO SRLs

and two WHO TB Collaborating Centers (Argentina and Cuba) constituted a TB Laboratory Working Group convened at least annually by the PAHO /WHO Regional TB Programme

First activities

Knowledge on Latin American TB laboratory networks
(structure , resources and procedures)
2006-2007 survey

Training on laboratory network management
2007

Update of basic Technical Guidelines
Smear microscopy and Culture (2008-2009)

Regional Activities

Coordination of TB Laboratory Working Group Meetings

Argentina, March 15-16, 2010

El Salvador, July 26-28, 2010

Guatemala, April 11, 2011

Coordination of laboratory sessions in Regional Meetings and Workshops

MDR TB management, surveillance, planning (Quito, April 21-30, 2010)

Regional NTPs & NRLs Meeting - Prioritized countries (El Salvador, July 26-29, 2010)

Regional NTPs & NRLs Meeting - Low prevalence countries (San Juan Puerto Rico, March 3-4, 2011)

Innovation & strengthening response to DR TB (Guatemala, April 12-13, 2011)

Regional activities

Consensus building for

i) development of norms and standards

- DST algorithms

- PAHO policy & recommendations for Xpert RIF/TB system incorporation

- Update of PAHO Regional DST Norms and Technical guidelines

ii) development of M&E systems

- Selection of indicators for M&E

- structure, HHRR, and performance of laboratory networks

iii) planning

- Regional TB Laboratory Plan 2011-2015

Regional activities

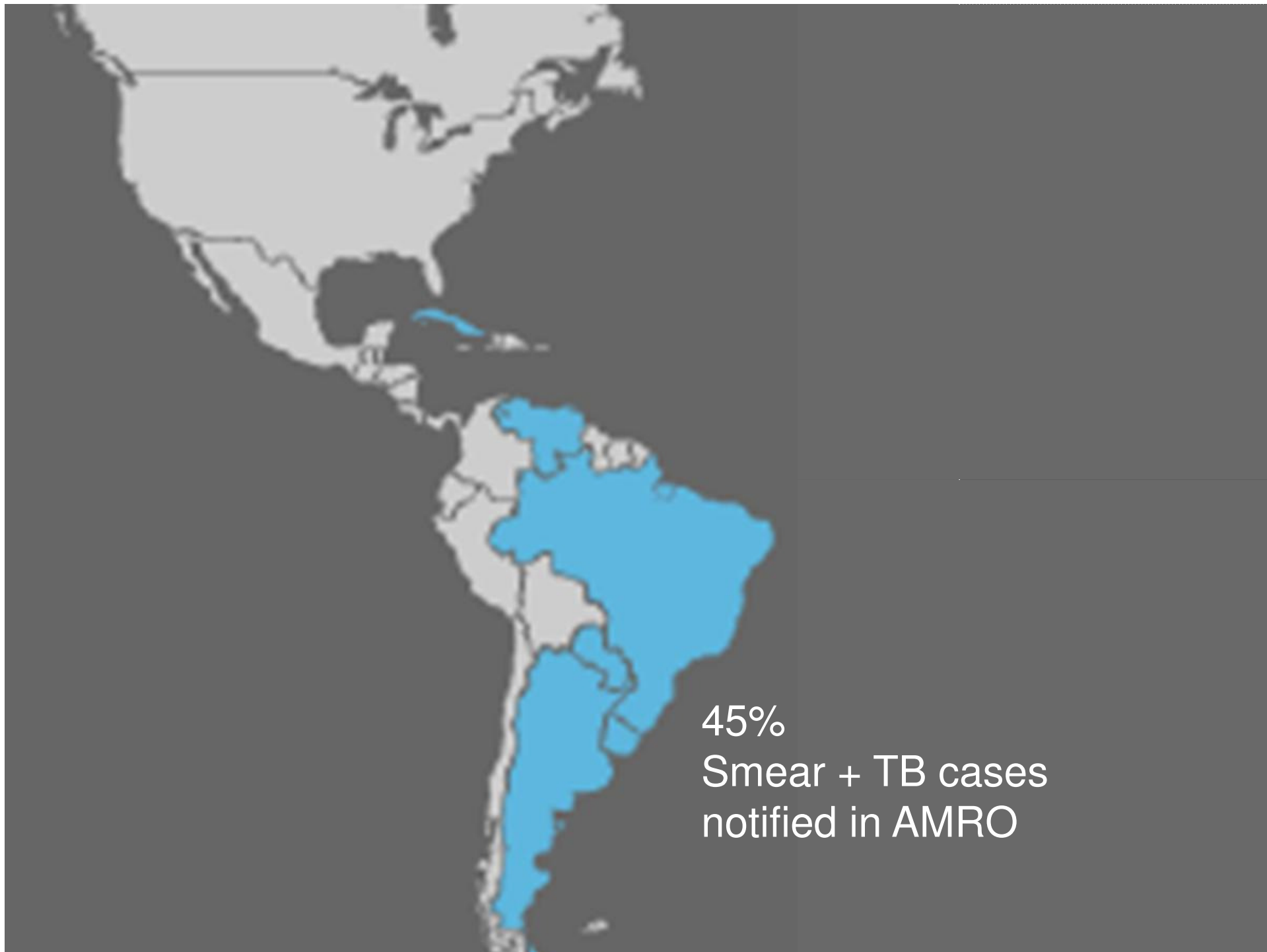
Design of contents and facilitation of regional training courses

TB Laboratory Network Management
Instituto E Coni WHO Collaborator Center, Argentina, March 8-13, 2010

Second line DST & XPERT MTB/RIF implementation"
SRL Chile, September 12-16, 2011



Supranational laboratory network

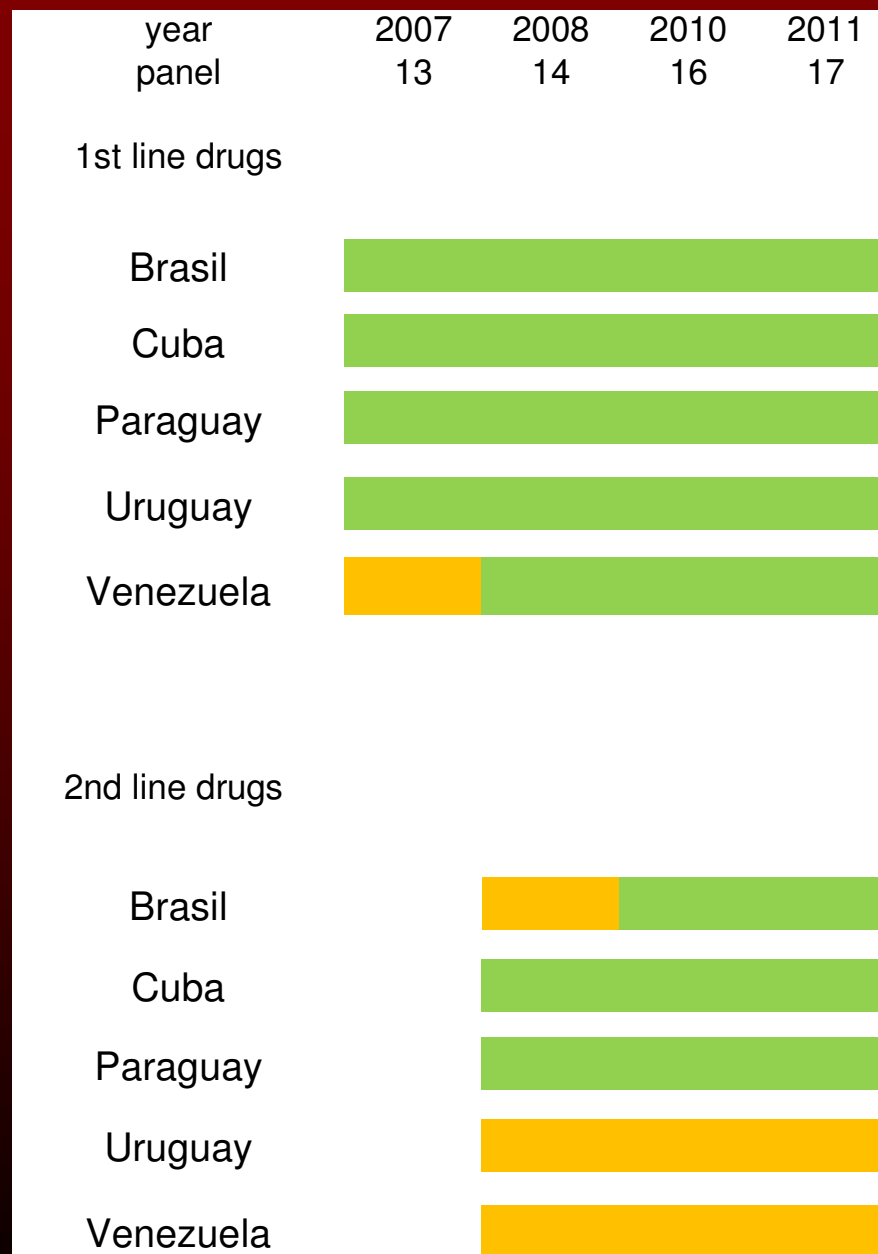




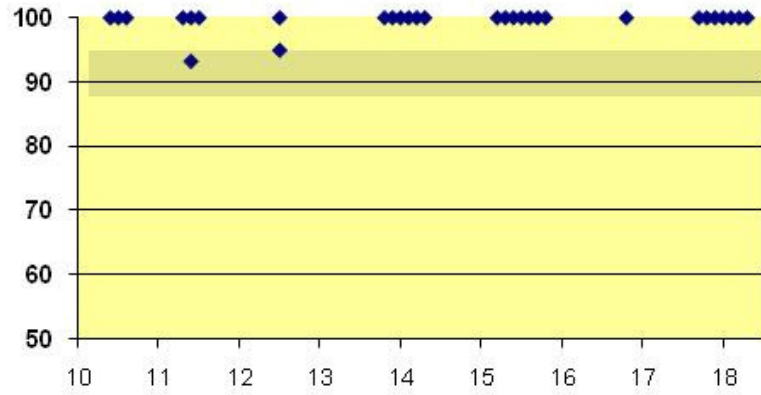
45%
Smear + TB cases
notified in AMRO

DST Proficiency testing

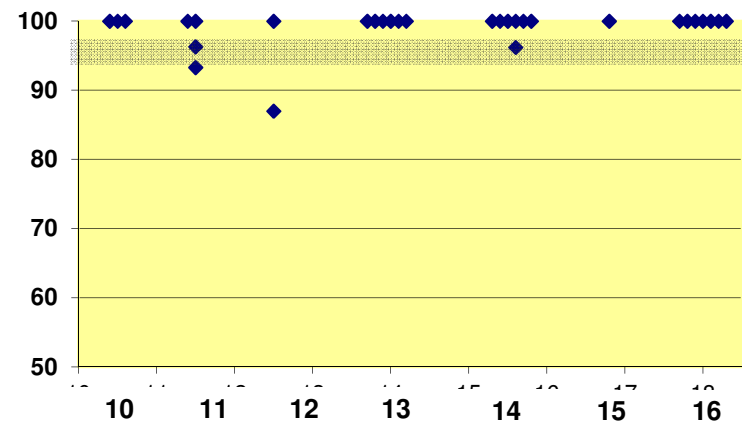
 participated
 did not participate



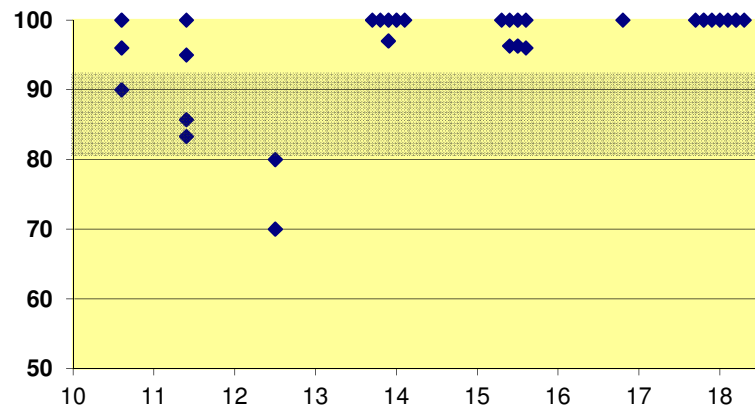
Efficiency monitoring



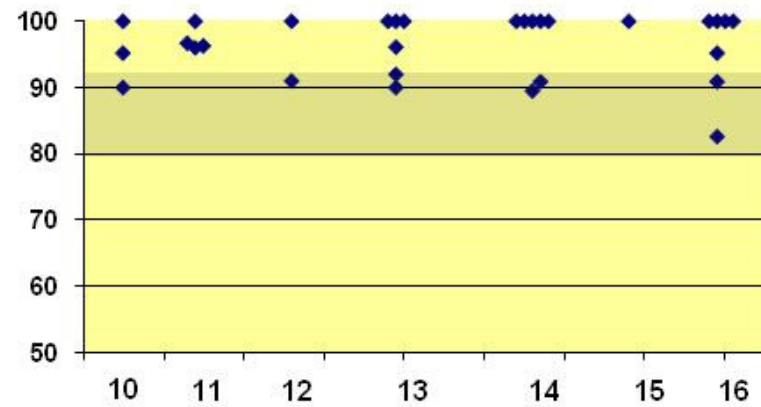
isoniazid



rifampicin

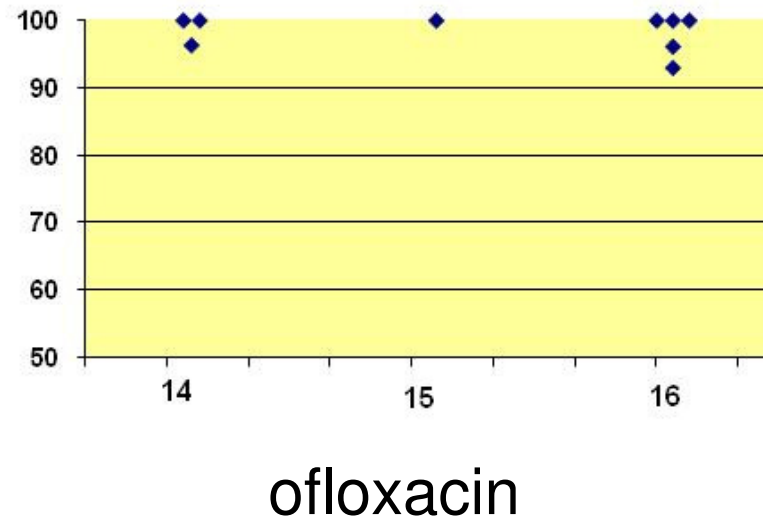
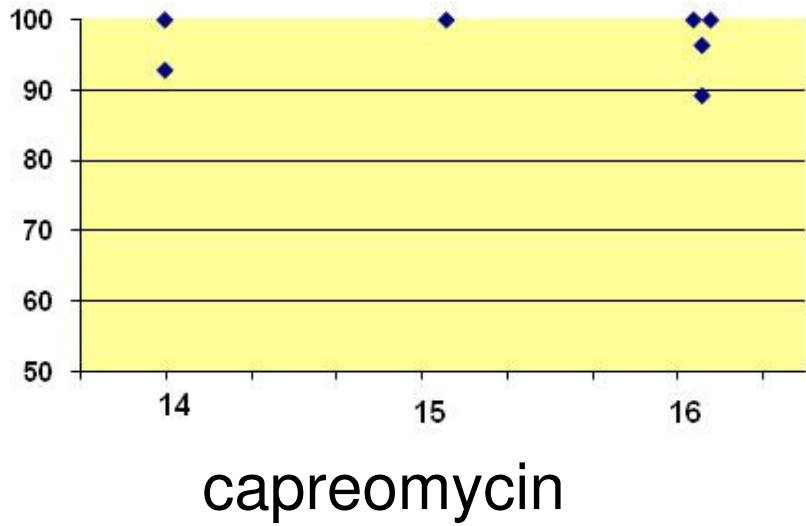
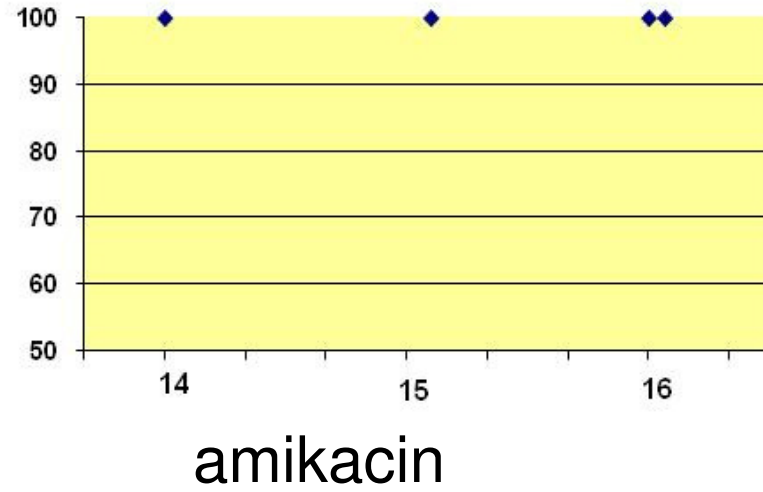
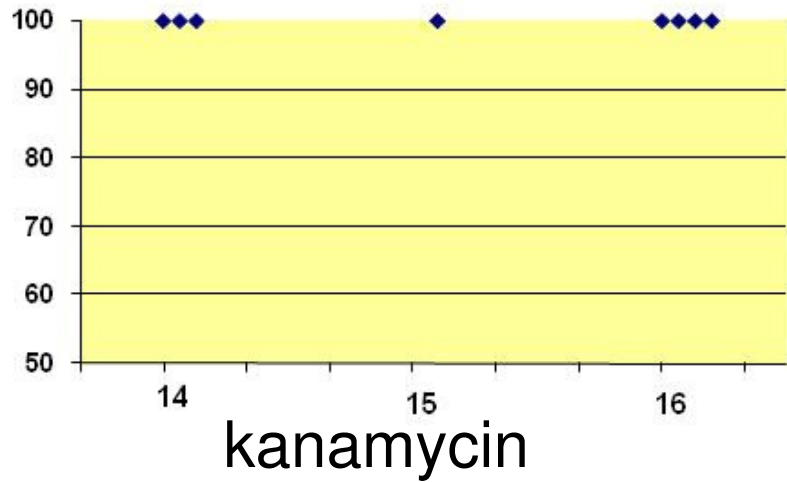


streptomycin



ethambutol

Efficiency monitoring



DST Proficiency testing

Checked

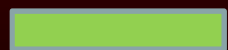
- Procedures / internal quality assurance employed for DST
- Biosafety conditions
(surveys , auditing of laboratory SOP and records)

- Technical competency to distinguish *M. tuberculosis* from MOTT
(inclusion of additional MOTT isolates to the panel)

Biosafety conditions Monitoring & improving



WHO standards (minimum specific requirements)



met



not met

Technical assistance provided to countries

Brasil

Drug resistance survey

developed in 2 phases (2007-2011)

- i) 7 States
- ii) 3 States

isolates retesting

1 visit to drive in-country and supranational QA processes

February 3-4, 2011

Monitoring of DR TB management & permanent surveillance

1 PAHO mission
July 11-13, 2011

Technical assistance provided to countries

Venezuela

1 Visit to evaluate

- on-going DRS
- laboratory network organization and performance
- NRL technical procedures and biosafety
- plan for X-pert implementation

October 24-28, 2011

Technical assistance provided to countries

Panamá

1 visit

Evaluation of NRL and laboratory network preparedness to perform a DR survey

28 November – 4 December 2010

Technical assistance provided to countries

Ecuador

1 visit (rGLC mission)

M &E NRL and laboratory network
for DR TB management and surveillance
X-pert implementation process

December 12-15 2011

Know-how transference

Mexico SRL

1 visit

to evaluate technical capacity

to orientate the national & supranational activities

December 6-10 , 2010

A professional of the laboratory
was trained to provide in- country consultancy
while visiting Panama, Mexico and Venezuela

Other professional visited the Borstel SRL

Funding

Mobilized by PAHO/WHO Regional TB programme

PAHO regular budget

USAID

Meetings

Country missions

Document editing & printing

AECID (Spain)

Training /courses

Documents editing & printing

SRL activities

Insufficient to implement the Regional Plan

Difficulties in Latin American SRLs

- Insufficient funds to implement the Regional plan for Laboratory Strengthening
- Insufficient staff to accomplish supranational activities in addition to the demanding national responsibilities
- Decline in critical capabilities due to retirement of experts
- Cumbersome import/export procedures

