



**USAID**  
FROM THE AMERICAN PEOPLE

# Mobilizing Country Capacity through USAID-supported Programs

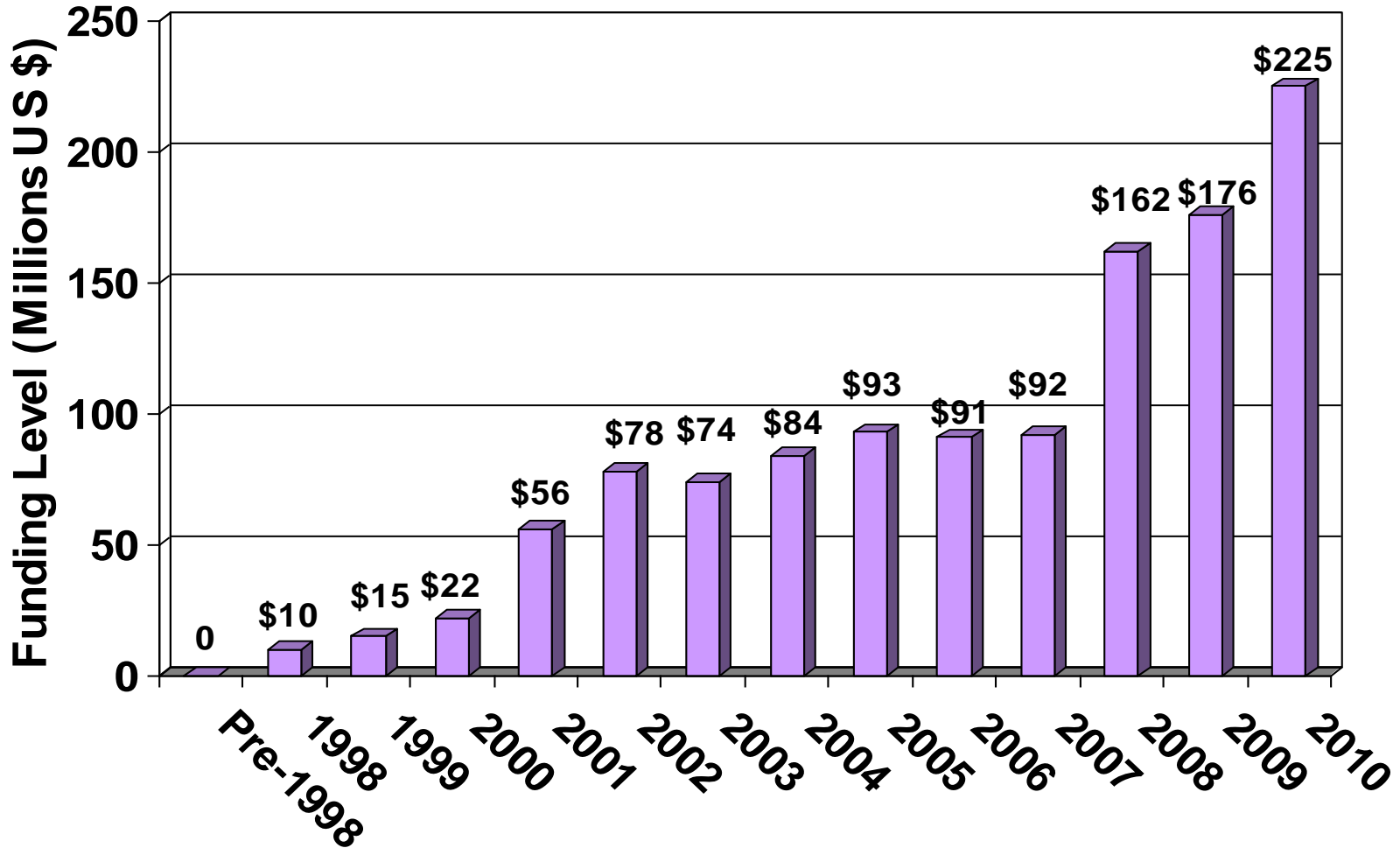
Amy Piatek  
USAID/Washington

Xpert MTB/RIF Global Consultation  
December 2, 2010



**USAID**  
FROM THE AMERICAN PEOPLE

# TB Funding Trends 1998 – 2010





**USAID**  
FROM THE AMERICAN PEOPLE

# USG TB Strategy, 2009-2014

- Lantos-Hyde Reauthorization Act (2008)
- Global Health Initiative (2009)
  - Continues on-going efforts in infectious diseases, while increasing the focus on broader global health challenges
  - Adopts a more integrated approach to fighting diseases, improving health, and strengthening health systems
- 2014 targets
  - Reduce by half the TB death and disease burden from 1990
  - Achieve/surpass 70% case detection/85% treatment success
  - Successfully treat 2.6 million patients
  - Diagnose and treat 57,000 MDR TB cases
- Collaboration of USAID, CDC, OGAC, NIH

# USG TB Strategy Interventions

*Scale up package of interventions in up to 25 countries over six years*

1. Accelerated detection and treatment of TB
  - Introduce new tools to improve TB diagnosis
2. Scale-up prevention and treatment of MDR TB
  - Expand diagnostic and treatment services
  - Introduce more rapid diagnostics
3. Expanded coverage of interventions for TB/HIV co-infection
4. Contribute to health system strengthening



**USAID**  
FROM THE AMERICAN PEOPLE

# USAID-Supported Partners

- National TB Programs
- Local Partners and NGOs
- Stop TB Partnership
- Global TB Drug Facility
- WHO
- TB Drug Alliance
- TB TO 2015 (PATH and partners)
- TB CAP (KNCV, The Union, WHO, MSH, FHI, JATA, ATS)
- TB CARE I (KNCV, The Union, WHO, MSH, FHI, JATA, ATS and other resource partners)
- TB CARE II (URC, PIH, Jhiepgo, Project HOPE, CLA, WHO and other resource partners)
- TREAT TB
- SPS (MSH)
- CSHGP TB grants (WRI, CARE, PIH)

\* Several of the projects are implemented in partnership with CDC



**USAID**  
FROM THE AMERICAN PEOPLE

# USG TB Partnerships

- Actively engage in STOP TB Partnership – coordinating board and working groups
- Coordinate with the Global Fund and participate in the USG delegation to the GF Board
- Work with private sector at global and country level
- Coordinate activities with the World Bank, UNITAID, Eli Lilly and others



**USAID**  
FROM THE AMERICAN PEOPLE

# USAID Supported TB Lab Activities

## 1. Global and Regional Level Activities

- Roadmap for national lab strengthening
- Lab Toolbox
- GLI meetings
- Bio-safety guidelines and training manuals
- Lab consultant and mentor training
- Improving the diagnosis and treatment of ss(-) pulmonary and extra-pulmonary TB among adults and adolescents
- Handbook for District Hospitals in resource constrained settings on quality assurance of chest radiography
- GLI Secretariat Staff support
- Strengthening the African SRL Network
- Development of SRLs in Africa



**USAID**  
FROM THE AMERICAN PEOPLE

# USAID supported TB lab activities (2)

## 2. Country Level Activities

- **Strengthen national lab networks**
- **Strengthen national reference labs**
- **Strengthen provincial culture and DST labs**
- **Expand and improve smear microscopy**
- **Lab training**
- **Expand and improve lab EQA systems**
- **Provision of equipment, reagents and supplies**
- **Lab renovations**
- **Bio-safety improvements**
- **Develop community sputum collection points**
- **Improvements and links with private and prison labs**





## What is TB CARE?

- Two new 5-year cooperative agreements awarded October 1, 2010
  - Purpose is to provide global leadership to implement USAID's TB strategy and support to NTPs and other in-country partners
  - TB CARE I: KNKV (prime) with ATS, FHI, JATA, KNKV, MSH, The Union, WHO
  - TB CARE II: URC (prime) with Jhpiego, Partners in Health, Project Hope, WHO and other partners
- Projects will coordinate their activities and work collaboratively
- Majority of funding comes from USAID Missions to support NTPs in implementing their national strategic plans



**USAID**  
FROM THE AMERICAN PEOPLE

## **TB CARE I and TB CARE II will both assist national programs to:**

- Provide universal, early case detection and treatment for all patients
- Provide universal access to DST for suspected MDR-TB cases and treatment to all those with MDR-TB
- Increase early case detection, expand intensified case finding, enhance airborne infection control efforts and expand access to and integrate treatment of TB and HIV in co-infected individuals
- Fully contribute to health system strengthening as it relates to TB (political commitment, human resources, health information and surveillance, infection control, all care providers)



**USAID**  
FROM THE AMERICAN PEOPLE

## Diagnostic technical areas to be addressed by TB CARE:

- Strengthening policy, management, supervisory and QA for smear microscopy, culture, DST and new technologies
  - Building capacity to manage, organize and address gaps in lab networks globally, regionally and at country level
- Increasing capacity of labs to conduct quality culture and DST, and introduction of new and more effective diagnostic tools
- Introducing innovative and effective strategies for earlier detection of TB particularly among PLHIV and children

# TB CARE Lab and Diagnostic Strengthening (Core Funding)

TB CARE Objective	Year 1 Priorities
Ensure quality of lab services and ensure lab strategic plans are in place	<ul style="list-style-type: none"> <li>• National lab strategic plans</li> <li>• Lab network assessment</li> </ul>
Strengthen lab capacity of national TB lab network	<ul style="list-style-type: none"> <li>• Lab accreditation</li> </ul>
<b>Advance the knowledge and use of new testing algorithms, including molecular techniques</b>	<ul style="list-style-type: none"> <li>• <b>Guidance on operation and implementation of GeneXpert</b></li> <li>• <b>Training materials and curriculum</b></li> </ul>
Strengthen SRL network	<ul style="list-style-type: none"> <li>• SRL network assessment</li> <li>• Development of new labs</li> </ul>



- TB Task Order 2015 (2009-2015)
  - Contract awarded to PATH (partners: ASM, PIH, FIND, MSH, Initiatives Inc)
  - A technical focus is on introduction of new tools and diagnostics
  - Majority of funding comes from USAID Missions to support NTPs in implementing their national strategic plans
- TREAT TB (2008-2013)
  - *Technology, Research, Education and Technical Assistance for Tuberculosis* is a cooperative agreement with The Union
  - Can support countries to develop and implement research that will generate evidence on how and when to implement Xpert :
    - Health system requirement for implementing Xpert
    - Overall impact of Xpert on TB transmission