

# **Background and rationale**

**Katherine Floyd  
Stop TB Department  
World Health Organization**

**ERR for TB care and control  
Meeting of lead authors of a guide on ERR  
Geneva, 27–28 April 2011**



# **The WHO Global Task Force on TB Impact Measurement**

- **Mandate, 3 strategic areas of work, progress to date**
- **Next steps, priorities for 2011**



# **Mandate and strategic areas of work**

# Task Force mandate (2006\*\*–2015)

- To produce **robust, rigorous, widely-endorsed assessment of whether 2015 targets are achieved** at global level, regional and country levels
- To **regularly report on progress** towards impact targets in years leading up to 2015
- To **strengthen national capacity** in monitoring and evaluation of TB control

***\*\*Established in 2006*** with increasing scrutiny and profile of estimates of TB disease burden and assessment of progress towards 2015 targets, alongside strong interest and willingness to contribute among multiple technical and financial partners and countries

# 2015 targets for global TB control



- **Halt and reverse incidence (MDG 6, Target 6.c)**



- **Halve prevalence and mortality rates compared with baseline of 1990**

# **3 strategic areas of work**

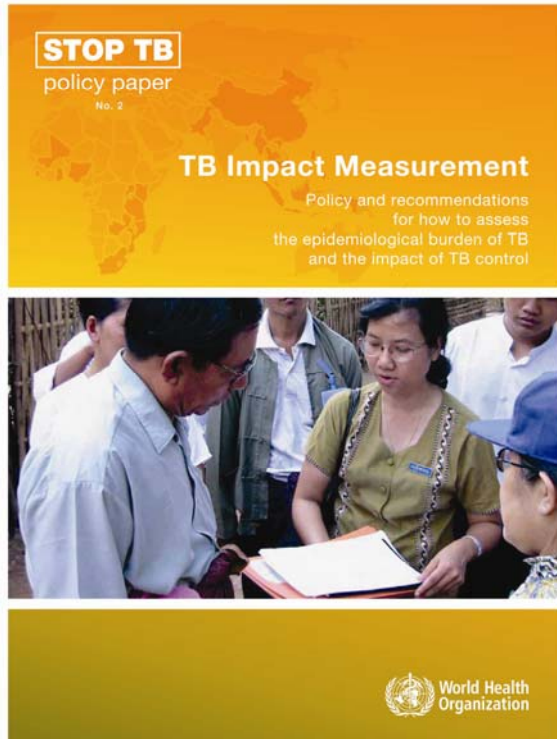
## **defined December 2007\*\***

1. **Strengthening surveillance** of cases and deaths in all countries
  - ultimate goal – direct measurement of cases and deaths from notification and vital registration data
2. **National TB prevalence surveys** in  $\geq 21$  global focus countries
3. **Periodic review and revision of methods** used to translate surveillance and survey data into estimates of disease burden

**\*\*At second meeting of full Task Force; three TF subgroups also formed**

**Progress to date**

# General – across 3 areas of work



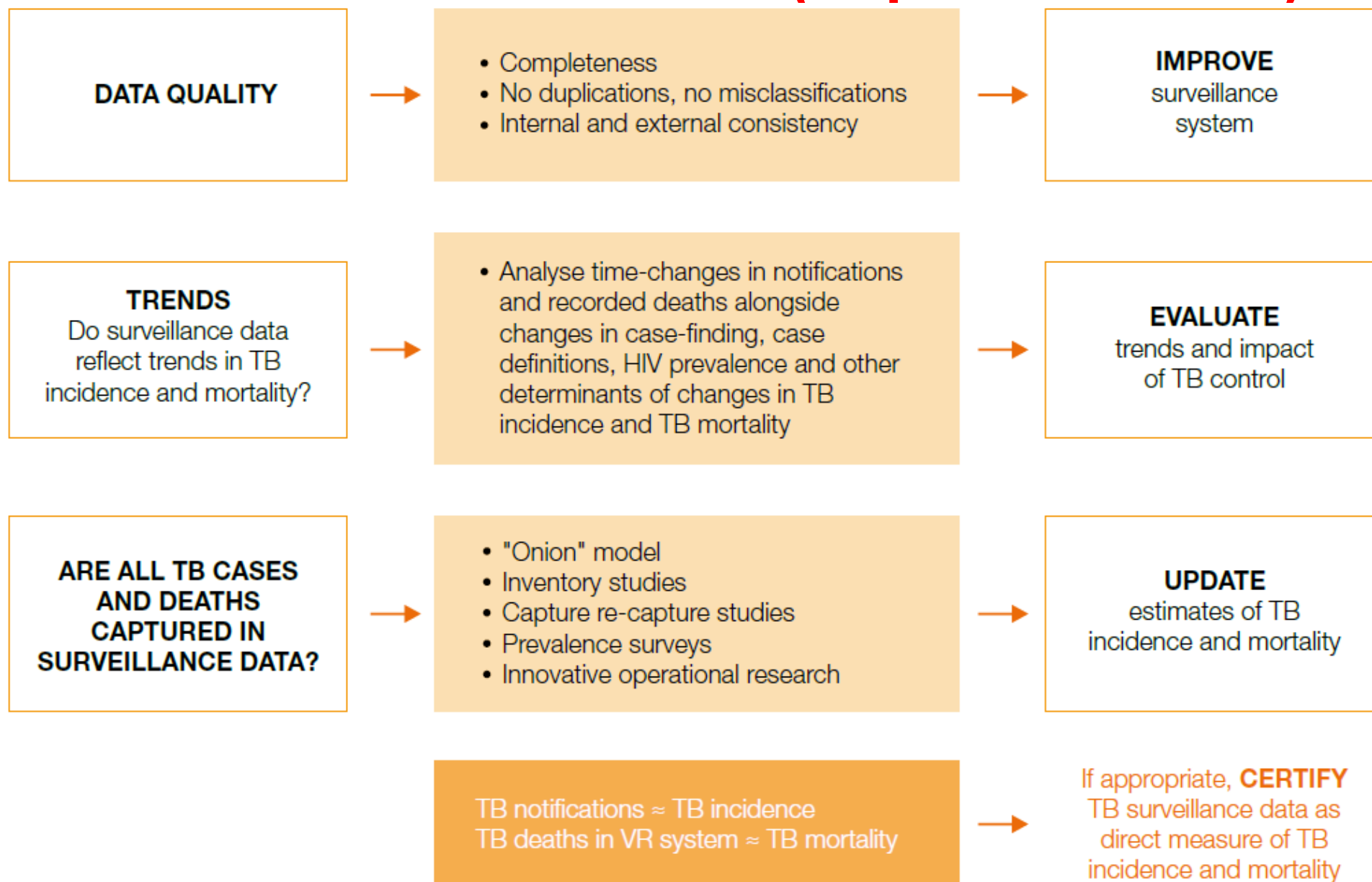
- **Policy paper** published 2009
- **WHO/Global Fund** joint "TB impact measurement" team
- **Many partners** engaged at international and national level
- **Funding** from USAID, Japan, Global Fund, Dutch government, TB CARE

# 1. Review/update of methods

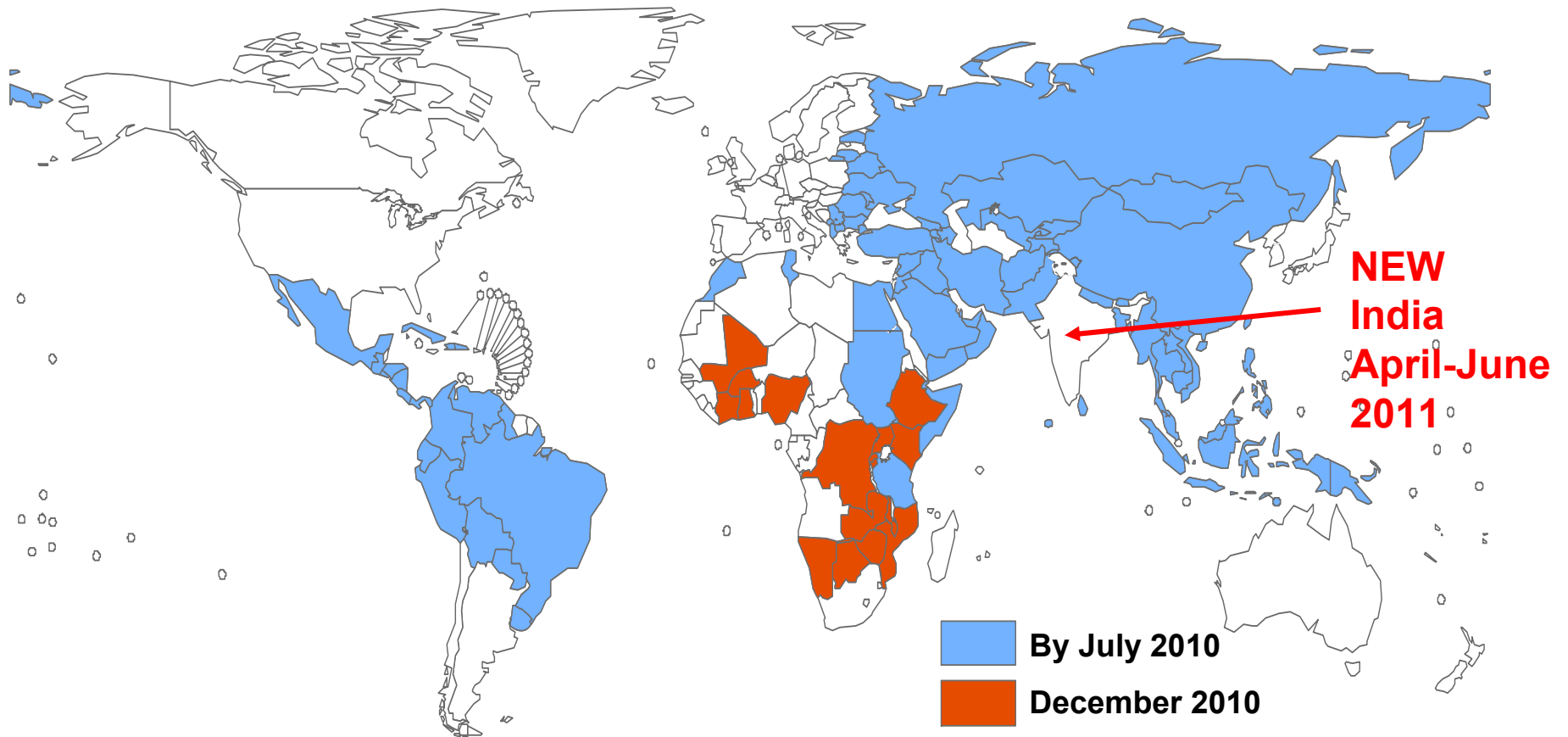
- 18-month review by subgroup, mid 2008–end 2009
- Updated methods developed and agreed by subgroup, endorsed by full Task Force in March 2010
  - Updated parameter estimates based on literature reviews
  - Simplifications
    - e.g. case fatality rates estimated for 4 not 12 categories of cases
  - Incorporation of uncertainty in all estimates
  - Much fuller use of mortality data from vital registration systems
- Updated methods applied in
  - Short update to 2009 WHO global TB control report (December 2009)
  - 2010 WHO report on global TB control
  - TB component of Global Burden of Disease study

# 2. Strengthening surveillance

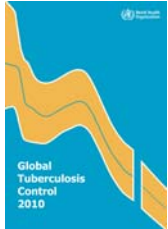
## Task Force framework (September 2008)



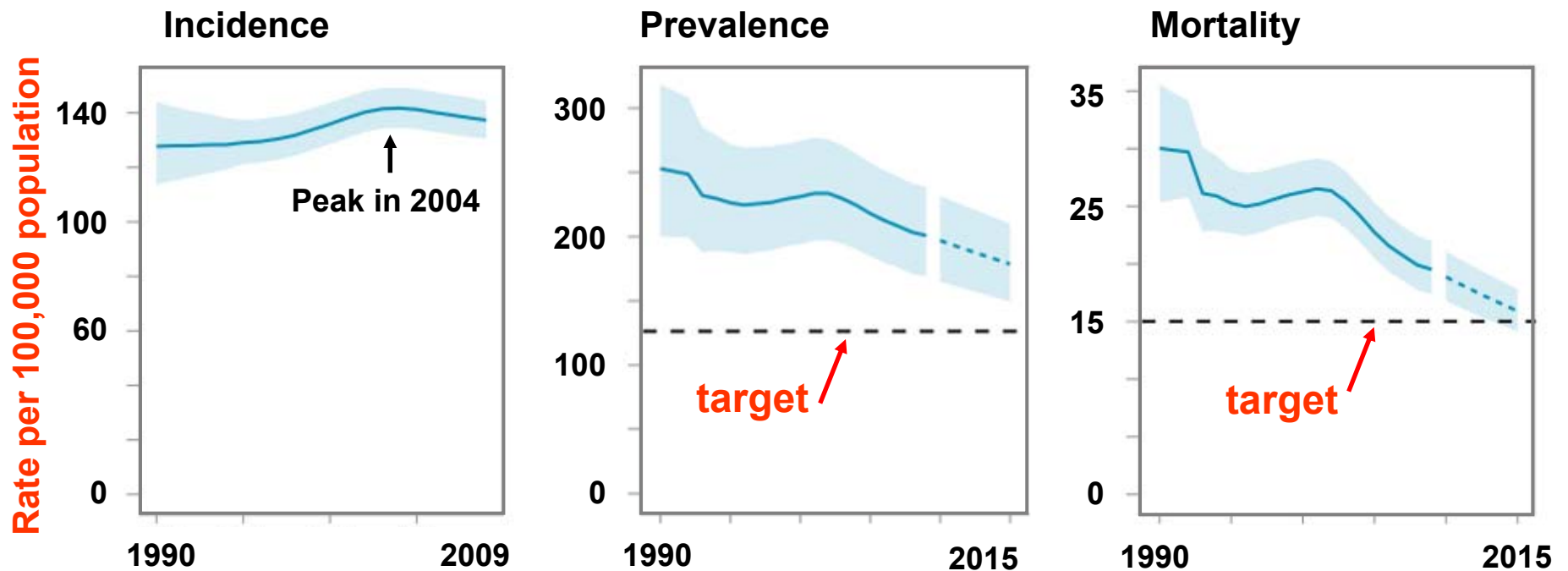
# Progress in applying Task Force framework since April 2009



**\*\* last 2 regional workshops based on joint WHO/GF approach to assessing surveillance systems and data, developed in 2010**



# Incidence, prevalence and mortality: **global** estimates

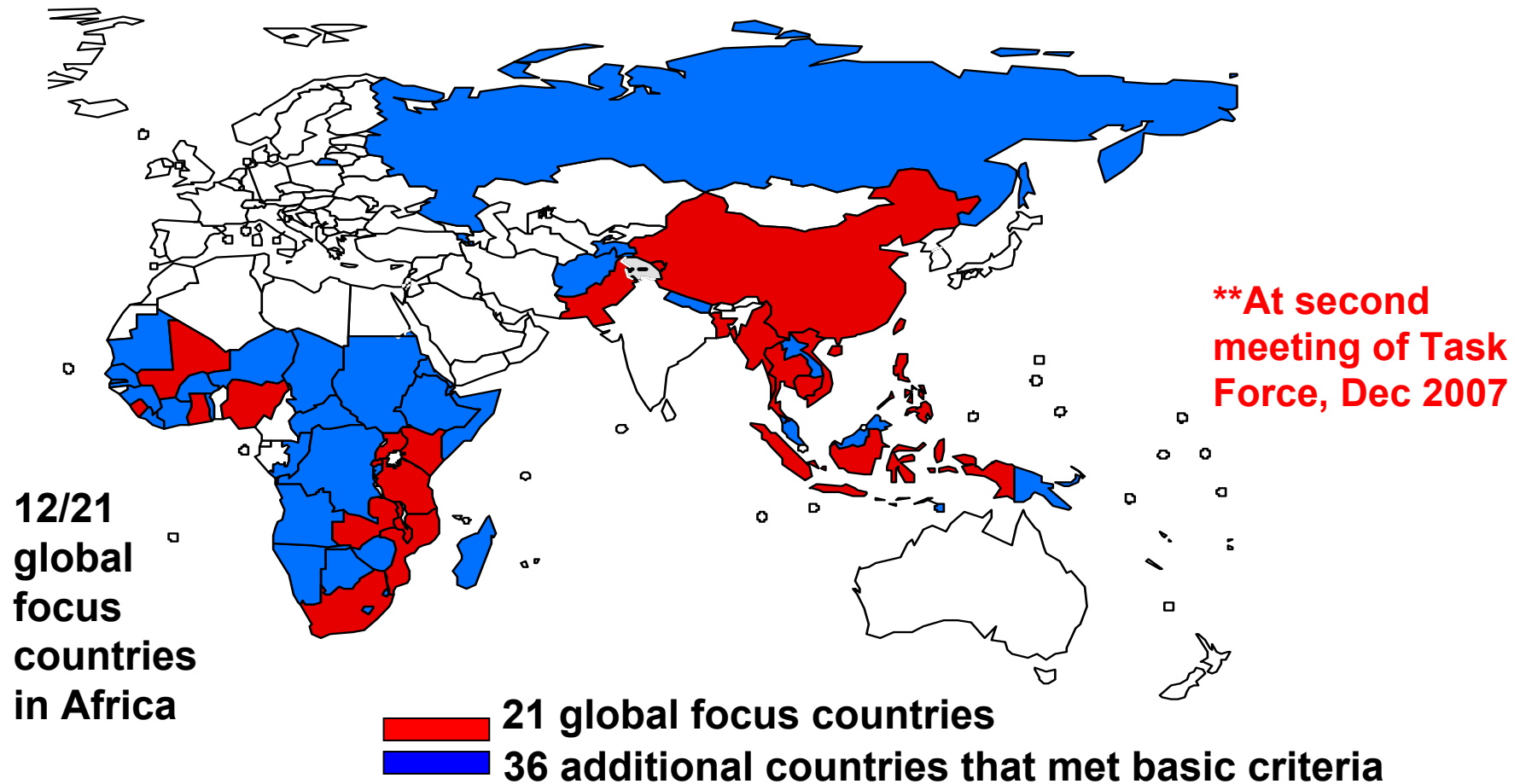


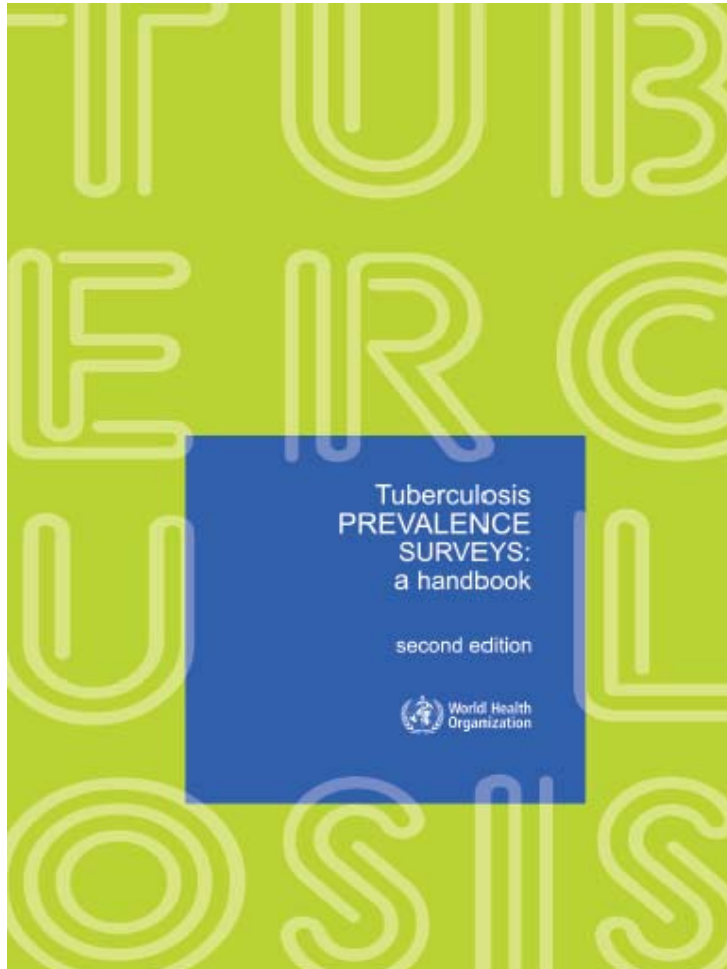
shaded area = uncertainty band



### 3. Prevalence surveys

Countries where TB prevalence surveys are recommended\*\*





# **Second edition of Handbook "The Lime Book"**

**Major collaborative effort  
January 2010–February 2011**

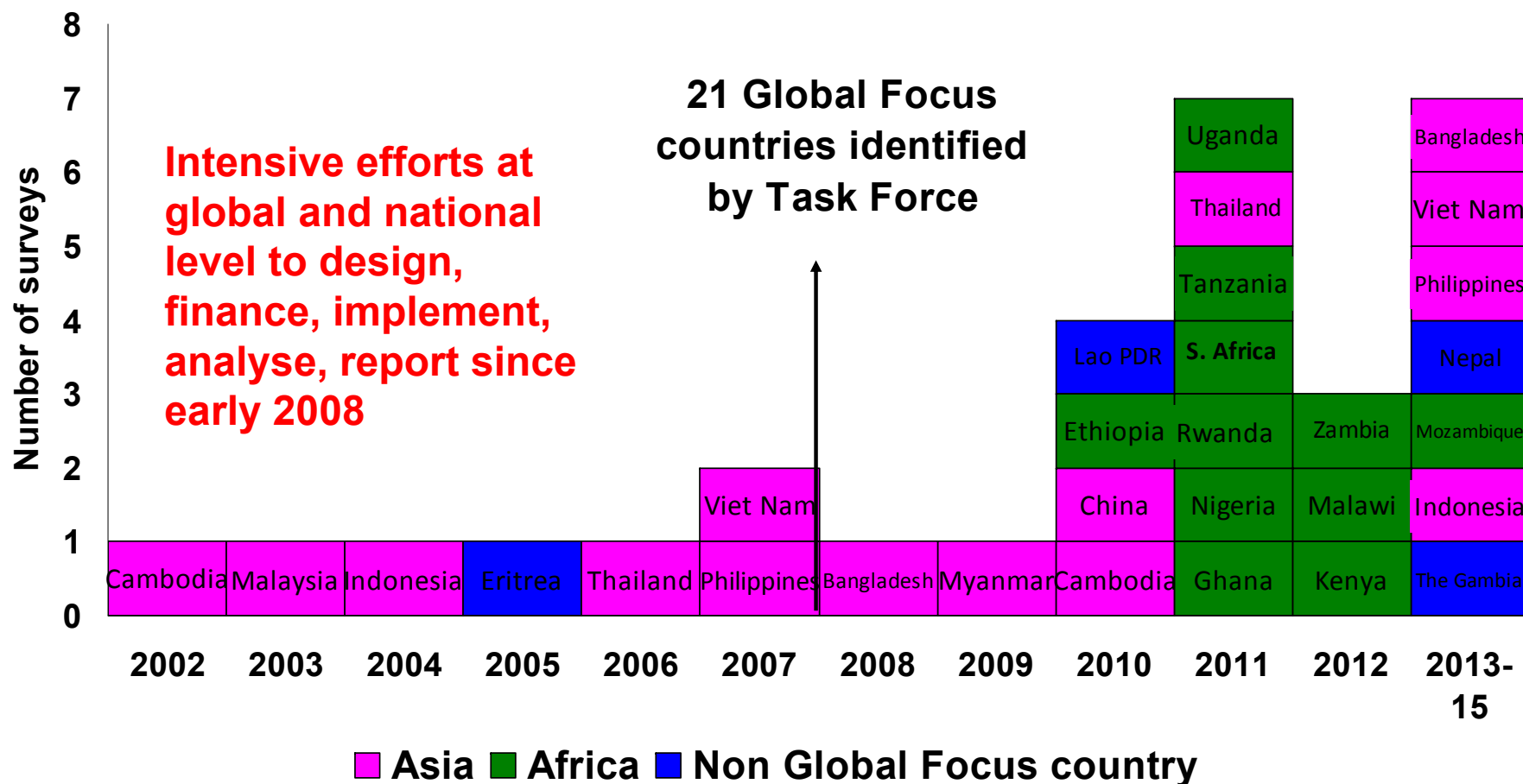
**50 authors**

**15 agencies/  
universities/research  
institutes and NTPs**

***Out in print May 2011***

# Prevalence surveys

## major global momentum



**BREAKING NEWS 3 October 2010**

# Ethiopia Launched National TB Prevalence Survey

(first Sub-Saharan Africa TB disease prevalence survey in 50 years)

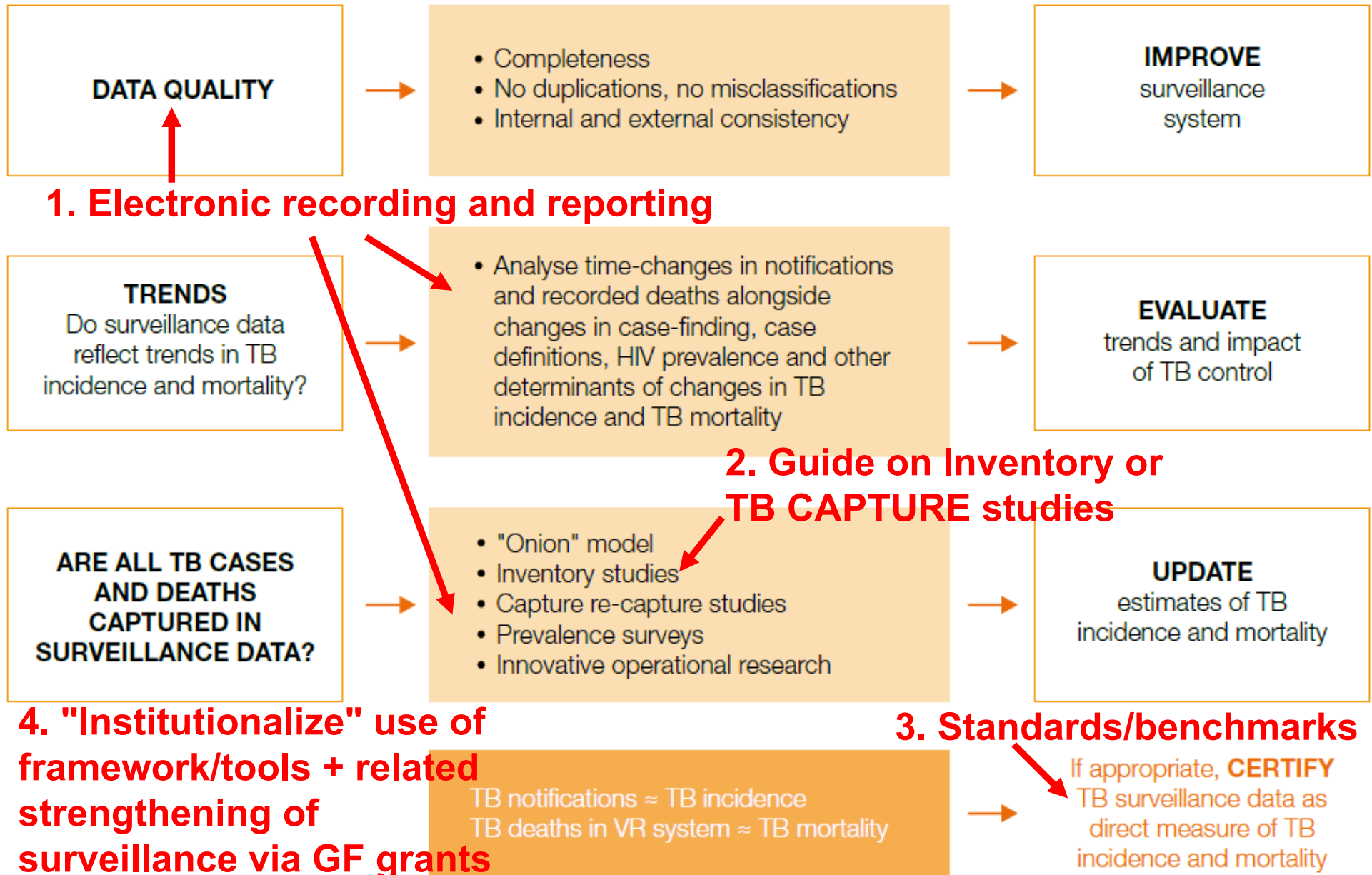


# **Next steps and priorities for 2011**

# **Disease prevalence surveys**

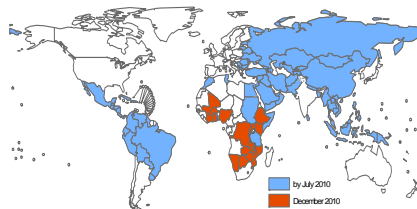
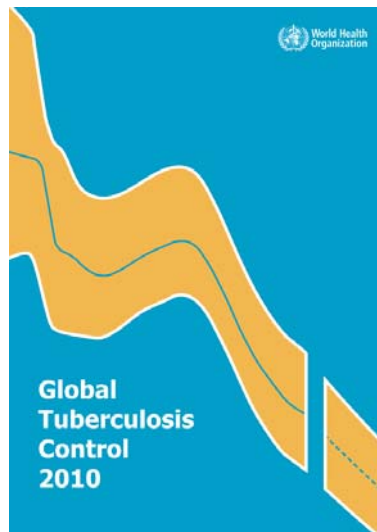
- 1. Widespread dissemination of "Lime Book"**
- 2. Completion or start of surveys in global focus countries, with esp. emphasis on Africa**
  - **AFRICA: Ethiopia, Nigeria, Rwanda, Ghana, Tanzania, Kenya, South Africa**
  - **ASIA: Pakistan, Cambodia**
- 3. Analysis + dissemination of results, lessons learned**
  - **Myanmar, China, Ethiopia, Cambodia**
- 4. Asia-Africa and Africa-Africa collaboration**
  - **Training courses in Cambodia**
  - **Assistance by Asian survey coordinators to Africa**
  - **Assistance from Ethiopia to other African countries**

# Surveillance: 4 priorities for 2011



# For further details

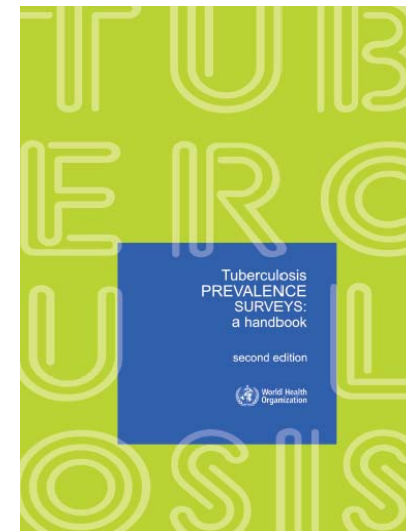
[www.who.int/tb/advisory\\_bodies/impact\\_measurement\\_taskforce](http://www.who.int/tb/advisory_bodies/impact_measurement_taskforce)



**2010 WHO global TB control report, pp 32-40 and Annex 1**



**WHO Stop TB Policy Paper No. 2: TB Impact Measurement, 2009**



**Handbook on prevalence surveys, 2010, launched 2010, in print May 2011**