tuberculosis -
the opportunity in our lifetime
Figure 6: Declining Global Trends in TB Prevalence, Mortality and Incidence

(Source: WHO, 2012)
Population of Ottawa, Canada: 0.88 MILLION

People who died of TB in 2011: 1.4 MILLION
People who died of TB in 2011

- **Africa**: 39%
- **South-East Asia**: 38%
- **Western Pacific**: 10%
- **Eastern Mediterranean**: 7%
- **Europe**: 4%
- **Americas**: 2%

The burden of TB is distributed across different regions, with Africa being the most affected, followed by South-East Asia.
1.4 MILLION estimated TB cases

6 MILLION cases diagnosed and treated

59,000 MDR-TB cases diagnosed and treated

MDR-TB 570,000 estimated cases that go undiagnosed & untreated

the burden
9 million
developed TB in 2011

2 billion people infected with TB

10%
200 million will develop TB

1 MDR case infects up to 4 / year
1 TB case infects up to 10 / year

7 billion people in the world today

WHO 2012 Global Tuberculosis Report; CDC 2013; Styblo 1985; Basu 2009
Micro-economic impact of TB on households:

- 30% decrease in yearly income
- 15 yrs of income lost with TB death
- 11% of school children quit school when parent has TB


Return on investment for every one dollar spent on the most cost-effective health interventions:

- Tuberculosis case finding & treatment: US$ 30
- HIV combination prevention: US$ 12
- Local surgical capacity: US$ 10
- Expanded immunization: US$ 20
- Malaria prevention & treatment: US$ 20
- Acute low-cost management: US$ 25
- Heart attacks case finding prevention & treatment: US$ 30
- Malaria prevention & treatment: US$ 20

the lessons learned

lives saved
1.5 MILLION
due to TB & HIV integration (2005-2011)

25 fold increase
cases detected & treated
due to prioritized interventions in vulnerable populations

doubled
detection & treatment
through engagement with TB communities
the road to 10 / 100,000
TB incidence

- Scale-up to 100% coverage of proven interventions
- Prioritized focus on vulnerable groups - including women and children
- Integration within country-region context and system
- New tools
Dynamics of Tuberculosis mortality in Tomsk Oblast, Siberia, and Russian Federation
(per 100,000 population)

Source: Tomsk Oblast TB Services
We must accelerate today to drive progress tomorrow.
Report of the Executive Secretary
to the 23rd Coordinating Board
overview

evolution and acceleration
governance
reform
strategic goal 1
partner engagement

Facilitating meaningful and sustained collaboration among partners
strategic goal 2

global advocacy

Increasing political engagement by world leaders and key influencers to double external financing for TB from 2011 to 2015
strategic goal 3

TB REACH

Promoting innovation in TB case detection and care
strategic goal 4

Global Drug Facility

Ensuring universal access to quality assured tuberculosis medicines and diagnostics
the way forward
Thank you