THE CRISIS WITHIN SADC
TB in the Mining Industry

STOP TB Partnership Board Meeting – 11 July 2013
Dr Aaron Motsoaledi, Minister of Health, South Africa
THE BIG USELESS DEBATE!

- Is the TB infection rate in RSA mines:
  - 3,000–7,000 per 100,000 population?
  - 2,984 per 100,000 population?
  - 5%?

- Does it matter which is correct?
  Whichever is correct:
  - Its higher than the RSA population rate of 1% estimated by WHO & that of Swaziland (1,200 per 100,000 population)
  - Fangs of the snake are in RSA mines!
**WHAT IS THE IMPACT OF TB ON MINERS?**

<table>
<thead>
<tr>
<th>Sub/Sector</th>
<th>Fatalities (Accidents) - 2009</th>
<th>Estimated TB cases - 2009</th>
<th>Estimated TB related deaths - 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining Sector</td>
<td>167</td>
<td>24,590</td>
<td>1,598</td>
</tr>
<tr>
<td>Gold sub-sector</td>
<td>80</td>
<td>17,591</td>
<td>1,143</td>
</tr>
</tbody>
</table>
STATS FOR DECEASED MINE WORKERS

2009/10 2010/11

TB SILICOSIS SIL+TB TB+Pn
## D.A.L.Y. – A MEASURE OF THE BURDEN OF ILL HEALTH

<table>
<thead>
<tr>
<th>Disease, Injury or condition</th>
<th>Proportion of total DALYs (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV/AIDS</td>
<td>30.9%</td>
</tr>
<tr>
<td>Tuberculosis</td>
<td>3.7%</td>
</tr>
<tr>
<td>Interpersonal violence or injury</td>
<td>6.5%</td>
</tr>
<tr>
<td>Road Traffic Injury</td>
<td>3.0%</td>
</tr>
<tr>
<td><strong>[Combined]</strong></td>
<td><strong>[34.6%]</strong></td>
</tr>
</tbody>
</table>
IMPLICATIONS OF A MINER CONTRACTING TB

- The business bottom line (U$25 billion)
  - High absenteeism from work
  - Infection to fellow miners
  - Loss of experienced & trained employees requiring replacement
  - High treatment cost

- Family
  - Loss of household income
  - Infection to family members

- Increasing of infectious pool in SADC
GLOBAL & REGIONAL RESPONSE

- October 2010 – STOP TB Partnership Board meeting in South Africa: Concern raised about worsening TB situation in mines by:
  - Minister of Health Lesotho
  - Minister of Health South Africa
  - Minister of Health Swaziland

- Global partnership comprising Stop TB Partnership, World Bank, IOM
- Issues taken up by SADC Ministers
SADC RESPONSE

- RSA will prioritize cutting of the head of the snake
- But
  - Fully committed to participating in the SADC region-wide process to coordinate cross-border management of TB & implement the Declaration with focus on:
    - Harmonization of policies & guidelines
    - Referral systems between countries
SADC DECLARATION ON TB IN MINING INDUSTRY

- Establish Ministerial Commission with tripartite representation
- Classification of TB as an occupational disease to be compensated throughout SADC
- Harmonization of treatment policies & guidelines
- Enforce limits to silica dust exposure
- Mines to be responsible for treatment including post-employment
Government political will: Deputy President – Responsible for TB & HIV programmes in South African government – on World TB Day 2012, issued guidance to mines:

- Screen & test miners of TB at least twice a year
- Expand access to peri-mining communities to mines’ health services
- Procure Genexpert (RSA will reach 100% coverage by end of 2013)
- Provide MDR-TB management & care
PROGRESS TO DATE - RSA

- Potential funding from Global Fund, World Bank and DFID to:
  - Development of a system to trace all contacts of miners who have TB
  - Development of a service delivery model to expand services in peri-mining communities
  - Establishment of an electronic monitoring system to trace all miners with TB
- Restructuring of compensation system for ex-miners to be more responsive & efficient
PROGRESS TO DATE - SADC

- Signing of Declaration by Heads of government
  - Economic analysis of the cost of TB in the mining sector
  - Draft Harmonization document produced and will be discussed with technical teams in South Africa, Swaziland, Lesotho and Mozambique
  - Draft action plan to pilot service delivery models in one mine, a labor sending area in SA and one labor sending country
INVITATION

- On behalf of the President of South Africa, I would like to extend an invitation to all of you to a mining summit to be attended by ministers of health, labor, mining and finance; CEOs of major mining companies and CSOs including those representing mine workers.

- Venue and Date: Cape Town, March 2014 (Linked to the Mining Indaba)
ACKNOWLEDGEMENTS:

- Stop TB Partnership, World Bank and IOM and Program Implementation Committee for their excellent support
- Member states incorporating provisions of declaration in their programmes