

# TIMS TB in the Mining Sector in Southern Africa



## TIMS PROJECT: COUNTRY FOCUS/ZAMBIA





## TIMS III PROJECT: COUNTRY FOCUS/ZAMBIA

### 1.0 Introduction

The Tuberculosis in the Mining Sector in Southern Africa (TIMS) is a regional catalytic project funded by the Global Fund. The project has earlier been implemented through two phases, TIMS I and TIMS II involving 10 countries. In order to sustain the gains from the two phases, Global Fund made available to RCM an additional grant of US\$10.5 million to implement phase 3 of the project (July 2021 to June 2024) with expanded geographic scope involving all the SADC countries.

As opposed to the previous phases, in TIMS phase III (TIMS III) ***the project shall not focus on services delivery at national level but on strengthening multi-country and multi-sectoral co-ordination and accountability mechanism for TB in the mines in the SADC region.*** Service delivery is anticipated to be directly supported through country specific grants by the Global Fund for qualifying countries. However, through the regional project some countries shall be supported in specific areas related generally to strengthening systems for occupational health and compensation, supporting development of private sector led TB in the mines initiatives for sustainability, and enhancing the ability of participation of key population to effectively participate in the governance structures at national and regional level regarding control of TB in the mines.

In designing phase III of the TIMS project, the RCM considered a number of issues including lessons and progress from previous phases of the project, the nature and scale of the mining industry in each country, the need for sustainability of TIMS initiatives in the region, variation amongst the SADC countries on the problem of TB in the mines, and practicability of implementation of an intervention in a country, among others. Therefore, in the funding request (FR) a differentiated approach was adopted in the implementation of certain initiatives to avoid a “one size fits all” approach. This basically implies, certain intervention shall cut across all the SADC countries while others will only be implemented in some countries.

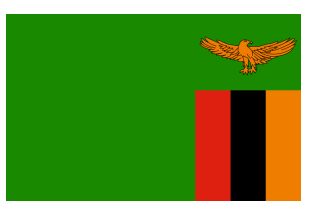




## 2.0 Objective of this document

As elaborated in the Funding Request by the RCM to Global Fund, the funds shall go to the Principal Recipient (PR) who shall be responsible for grant management and implementation of all activities. ***There is no flow of funds directly from PR to any other entity or country.*** However, the PR shall implement the approved activities in collaborations with the various stakeholders identified in the funding request including relevant government departments, key population, private sector and SADC Secretariat, and as necessary pay service providers engaged by the mentioned entities directly as agreed beforehand. This document provides approximate budgetary implication of Zambia participation as one of the SADC countries to TIMS III for each module. Of course, the benefits of participation are expected to be much higher than the cost.

Therefore this document identifies set of interventions under TIMS III that Zambia will directly benefit from or participate in as it works with the PR. The document is expected to help the Zambia TIMS Technical working Group (TWG) to effectively support the process of TIMS project implementation for optimal benefit to the country and the region. The document indicates the activity whether it is regional or country level in nature, the key stakeholders at national level involved and expected outcome or benefits.



Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
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**Module 1: Health sector governance and planning**- Approximate budget implication for Zambia participation in TIMS III =\$104,453

Sustaining coordination and implementation of the SADC Declaration of TB in the Mines Protocol	Development of regional action (operational) plan for implementation of the Declaration of TB in the Mining Sector Protocol	Regional level activity - Officials from NTP, <sup>1</sup> Occupational Health Unit, Ministry responsible for Minerals, Ministry responsible Compensation/Labour shall be engaged virtually to provide inputs to a regional prototype action plan.	SADC action plan developed with participation of key stakeholders from Zambia
	Integration and operationalization the action plan for the declaration of TB in the mining sector	A national level activity PR to facilitate Zambia TIMS TWG to. - Convene a 2-day meeting to review the regional action plan and develop a national action plan and build consensus on how relevant sectors shall incorporate into their work plans or strategies the action plan intervention. Expected in the meeting are 40 participants from TB, OH, <sup>2</sup> Minerals, Compensation departments, KP, <sup>3</sup> CCM, <sup>4</sup> Chamber of Mines, etc. -National TIMS TWG with support of PR to convene 1-day meeting to review progress with implementation in 2023 and 2024	Zambia action plan for implementing interventions for the declaration of SADC TB in the mines Protocol developed  Key sectors: Health, Mines, Labour and Occupational Health and other implementers integrates action plan interventions into their routine work plans  Interventions reflected into relevant department work plans and progress review reports
	Establishment of a TIMS governance structure within the SADC framework	This is a regional level activity where: <ul style="list-style-type: none"> <li>• Relevant Zambia Officials participate in the development of the TOR for the governance structure</li> <li>• Relevant officials from Zambia nominated and participating in the work of the governance structure based on the developed TOR<sup>5</sup></li> </ul>	SADC TIMS governance structure established and functional

<sup>1</sup> National Tuberculosis Program  
<sup>2</sup> Occupational Health  
<sup>3</sup> Key Populations  
<sup>4</sup> Country Coordinating Mechanism  
<sup>5</sup> Terms of Reference



<b>Intervention and rationale</b>	<b>Activity</b>	<b>Action/Role of Key national stakeholders</b>	<b>Expected Outcome/Benefit</b>
Support for TIMS grant oversight and coordination	NTP managers meetings	A regional level activity PR to facilitate the NTP manager of Zambia to participate in the SADC NTP managers meeting to finalize the annual TB report	SAnnual SADC TB report produced





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**Module 2: TB care and prevention-** Approximate budget implication for Zambia participation in TIMS III = 231,202

<p>Strengthening occupational health and compensation systems</p>	<p>Identify bottlenecks in compensation of TB and other occupational lung diseases and develop a country specific action plan</p>	<p>National level activity where Zambia TIMS TWG and PR facilitates a 3-day national level meeting of at least 4 key persons (involved in the compensation processes) and a consultant to develop draft of the action plan to be reviewed and adopted for implementation. The team debriefs the relevant senior officials (PS,<sup>7</sup> CEOs,<sup>8</sup> etc)</p>	<p>Zambia action plan on compensation system developed</p>
	<p>Sensitization of labour unions and KP organisations on compensation systems to enable them advocate for and participate in efforts to improve these systems in their respective countries</p>	<p>This is a regional level activity. 3 KP representatives (1 ASM,<sup>9</sup> 1 labour Union, 1 Ex-Miner) from Zambia are facilitated by the PR to participate in the regionally organized meeting involving 4 countries (2 meetings are planned)</p>	<p>KPs are actively involved in advocacy and participates in the process of strengthening compensation systems</p>
	<p>Technical assistance to support countries to implement the action plans for strengthening compensation systems</p>	<p>This is a national level activity, the PR to facilitate South Africa TIMS TWG to: 1. Convene a 2-day meeting to identify bottlenecks in compensation system and develop a draft national action plan for strengthening the compensation system. Participants from NTP, OH, Minerals, Compensation departments, KP, private sector (chamber of mines), labour union</p>	<p>Bottleneck and areas requiring technical support identified</p>

<sup>6</sup> Principal Recipient of the TIMS III is the East, Central and Southern Health Community (ECSCA-HC)

<sup>7</sup> Permanent Secretaries

<sup>8</sup> Chief Executive Officers

<sup>9</sup> Artisanal and Small-scale Mining association



Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
Strengthening occupational health and compensation systems	Documentation and sharing of lessons learnt in strengthening of compensation systems at regional level to inform similar initiatives in other countries	Zambia TIMS TWG facilitates identification of Key informant to participate virtually in providing information on lessons learnt on the process of strengthening compensation systems	Report on lessons learnt across the region produced and shared with Zambia stakeholders
	Conduct Training of medical doctors on B-Reading of Chest X-Rays	Regional level activity where Zambia TIMS TWG facilitates identification of 4 medical doctors to participate in B-reading of chest radiographs training	At least 4 doctors working in facilities serving mining communities from Zambia trained as B-readers
Strengthening private sector TIMS initiatives	Convene a regional meeting for Chambers of mines to advocate for and develop private sector TIMS initiatives	This is a regional level activity: - Two officials (CEO and officer responsible for OHS) from the Zambia Chamber of Mines will be facilitated by the PR to attend a 1 day regional meeting that will be aimed at knowledge exchange for private sector involvement in TIMS initiatives.	South Zambia Chamber of Mines has a roadmap for development of their own TB in the mines initiative
	Learning tours to South Africa Chamber of Mines (Mining Council South Africa)	This is a national level activity:  South Africa TIMS TWG and PR facilitates 2 officials (CEO and officer responsible for OHS <sup>10</sup> ) from the South Africa Chamber of Mines to attend a 3-day knowledge exchange tour to Minerals Council South Africa.	South Africa Chamber of mines reports on lessons learnt and identify their own (mining companies) areas of involvement in the implementation of TIMS initiatives

<sup>10</sup> Occupational Health and Safety services





Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
	<p>Technical assistance to the chambers of mines to design TIMS initiatives appropriate to their country context.</p>	<p>This is a national level activity: Botswana TIMS TWG and PR facilitates a 3-day meeting of 3 persons from the Botswana Chamber of Mines (mining companies and contractors) and a consultant to design TIMS initiatives appropriate to the Botswana context</p>	<p>Botswana Chamber of Mines designs at least 1 TIMS initiative for their implementation by year 3</p>
	<p>Convene regional meeting for Chambers of Mines to review progress in implementation of initiatives, identify challenges and lesson learnt</p>	<p>This is a regional level activity: Botswana TIMS TWG and PR facilitates 1 official from the Botswana Chamber of Mines to attend a meeting aimed at reviewing progress in private sector driven implementation of TIMS initiatives, and identify challenges and lessons learnt.</p>	<p>Botswana Chamber of Mines funding and implementing at least 1 initiative on TB in the mines.</p> <p>Reports on progress in implementation of TIMS initiatives, identified challenges and lessons learnt. Botswana develops solutions to identified challenges</p>
<p>Strengthen Mine health and Safety standard operating procedures</p>	<p>Technical assistance to develop mine health and safety (MHS) Standard Operating Procedures (SOPs)</p>	<p>Country level activity Zambia TIMS TWG works with a consultant virtually to review exiting MHS regulations and SOP and identify areas for improvements</p>	<p>Situation analysis report of MHS and SOPs produced and Zambia supported to update relevant documents</p>
	<p>Convening of the SADC countries to review the generic MHS SOPs and develop country specific actions plans to adapt and implement the SOPs</p>	<p>Regional level Activity where Zambia TIMS TWG provides input or identify officials to input the development 2 generic regional MHS SOPs</p>	<p>2 MHS SOPs developed</p>
	<p>Training KP organizations to effectively participate in the development of the SOPs, advocate for and monitor implementation of the MHS SOPs country action plans</p>	<p>Country level activity Zambia TIMS TWG and PR organizes national level training of KP organizations so that they participate in the development of MHS SOPs</p>	<p>MHS SOPs action planned developed with inputs form KPs</p>





Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
	Technical assistance to countries to implement the country specific action plans aimed at improving MHS SOPs	Country level activity Zambia TIMS TWG and PR works with a consultant on the implementation of the action plans for MHS SOPs	Zambia implementing MHS SOPs
	Review meetings to review progress in implementation of the action plans and learn from each other and adapt innovative solutions	Regional level activity Zambia TIMS TWG identifies 2 participants to participate in the regional review meeting on the progress of implementation	Review meeting report produced and shared with stakeholders in Zambia

**Module 3: Health management information systems and M&E-**  
Approximate budget implication for Zambia participation in TIMS III=228,036

Strengthen data governance for CBRS	Provide technical assistance to ensure functionality of CBRS	Country level activity Zambia TIMS TWG identify areas of technical support to ensure functionality of CBRS and PR provides the necessary technical support	CBRS functional in Zambia
	Develop an inter-country data sharing agreement and data processing agreement for the SADC CBRS	Representatives from NTP, Occupational Health Unit, Ministries responsible for Mines & Minerals, Compensation/Labour, Social Welfare/Human Rights and Gender shall be engaged virtually and/or physically by a consultant to provide inputs to a regional CBRS Agreement	Zambia signs the data sharing agreement
Strengthening capacity for implementation of CBRS	Training on the CBRS roadmap and regional data sharing Agreement	This is a regional level activity aimed at NTP staff and Health Care workers where: -Zambia will provide 3 people that the PR will facilitate to attend a 2-day regional training on the CBRS roadmap and data sharing Agreement; 1 meeting planned	Zambia NTP and Health care workers trained on the CBRS system
	Provide technical assistance to develop a monitoring tool and train the NTP staff and healthcare workers on how to monitor the use of the CBRS system	National level activity Zambia TIMS TWG and PR provide technical assistance in monitoring CBRS and provide other technical support at the facility site	CBRS is functional in Zambia



Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
	Provide technical assistance to document lessons learnt from the CBRS system and advise on how to link the system with other EMR <sup>11</sup> systems existing in the countries	Regional level activity -Zambia TIMS TWG facilitate the identification of 2 relevant officials in the regional meeting	CBRS is functional in Zambia
	Convene a review meeting to assess the implementation of CBRS, lessons learnt and address any challenges	Regional level activity -Zambia TIMS TWG facilitates the participation of relevant CBRS in review meeting	CBRS functional in Zambia
Development of the regional TIMS dashboard	Technical assistance to develop a detailed roadmap for the development of the TIMS Dashboard	This is a regional level activity: A 2-day regional workshop will be conducted; Zambia will provide 4 stakeholders that will be facilitated by the PR to attend; 1 workshop planned	Roadmap for the development of the TIMS Dashboard is developed with participation of Zambia stakeholders
	Virtual technical meetings to develop TIMS Results Framework with agreed indicators, baselines, and targets	This is a regional level activity: 4 virtual meetings are planned with attendance from all stakeholders in Zambia	Regional TIMS Results Framework developed
	Develop a Dashboard for TIMS programme; develop a country reporting tool as well as the dashboard user guide	Consultancy service: The various national stakeholders as identified in the TORs of the TWG, including M&E specialists, IT and NTP staff shall be engaged to provide input on the development process	Countries reporting to SADC through the dashboard on TIMS
	Provide technical assistance to revise country reporting tools to enable countries collect data required for reporting to the regional TIMS dashboard	Consultancy service: Various national stakeholders as identified in the TORs of the TWG, including M&E specialists, IT and NTP staff shall be engaged to review Zambia reporting tools	Zambia reporting tool revised  Reporting to dashboard initiated



Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
	<p>Convene annual meetings for TIMS stakeholders to review TIMS data from all countries, identify lessons learnt, challenges and solutions and develop a report for the TIMS coordination structure</p>	<p>Regional level activity Zambia TIMS TWG to support the identification of 4 relevant officials to participate in a regional review TIMS data form the dashboard and lessons learnt. PR to facilitate their travel to the meeting</p>	<p>Report from the review produced and disseminated to Zambia stakeholders</p>
<p>Surveys</p>	<p>Conduct a mapping and size estimation of ASM communities and develop an ASM TB initiative which will be taken up by countries for implementation</p>	<p>National/regional level activity -Zambia TIMS TWG to provide enabling environment to conduct ASM size estimation. The PR shall hire a consultant firm to conduct the size estimation</p>	<p>Zambia has updated status on the size of ASM population</p>





Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
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**Module 5: Community systems strengthening** - Approximate budget implication for Zambia participation in TIMS III = \$131,191

Community-led monitoring	Support technical assistance to set up and convene meetings of the CLM technical team that will guide the selection and design of the CLM tool and develop its implementation approach.	Country level activity ZambiaTIMS TWG support the establishment of CLM technical team to design CLM tool and its implementation approach	CLM tool developed and plan for conducting CLM developed
	Support technical assistance to design the CLM tool and implementation guidelines/ Upgrade of the digital application and launch training at and national level	Country level activity -PR converts the CLM tool to a digital format	CLM tool available in a digital format
	Provide technical assistance to countries to build capacity of CLM implementers	Country level activity Zambia TIMS TWG with support of the PR build the capacity of CLM implementers	Capacity of CLM implementer built and they are collecting data as per the plan developed
	Convene country meetings to act on the CLM data to bring about change required in availability, quality, affordability and accessibility of TB-related services for the mining community	Country level activity Zambia TIMS TWG with support of the PR convene national level meeting to review CLM data and develop action plan for required change	SADC countries agrees on the set of indicators to be reported on and included as part of SADC TIMS results framework
	Convene regional meetings of countries to review data from CLM and recommend people-centered strategies	Regional level activity ZambiaTIMS TWG facilitate the identification of 5 participants to participate in the regional CLM regional review	Regional review report disseminated Regional review report disseminated
Social mobilization, building community linkages and coordination	Train KP organizations on human rights evidence-based advocacy, policy dialogue and programming	Regional level activity 3 KP members from Zambia facilitated by PR to participate in the training	KP trained on human rights advocacy



Intervention and rationale	Activity	Action/Role of Key national stakeholders	Expected Outcome/Benefit
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**Module 6: Program management** - Approximate budget implication for Zambia participation in TIMS III = 143,461

Grant management	Country TIMS Coordination	National level activity Zambia TIMS TWG hold monthly meetings to review TIMS interventions at the country level and provides PR and other stakeholders with feedback for action. PR to facilitate the meeting	PR and other TIMS stakeholders provided with feedback for action
	PR staff to facilitate project implementation in the region	Regional level activity PR staff available to respond and provide technical support to Zambia and the SADC region on matters related to TIMS	PR staff available to support Zambia and other stakeholders during the course of project implementation





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