



MHSC

Mine Health and Safety Council

MHSC ANNUAL PERFORMANCE PLAN FOR 2022/23
03 MAY 2022

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Introduction

- The MHSC remains committed to improving health and safety of mine workers and people affected by mining to ensure zero harm in the mining sector. Focus areas continue to include **prevention of fall of ground, prevention of transport accidents, prevention of noise induced hearing loss, prevention of occupational lung diseases as well as TB and HIV/AIDS.**
- The **advances in technology** is improving health and safety. The training of mineworkers in line with advances in technology remains a priority for the MHSC.
- The MHSC continues to review the **Guideline Code of Practice for the prevention, mitigation and management of the COVID-19 outbreak.** The entity also promotes and encourages the government led vaccination programme.
- The increased participation of **women in the mining sector** is welcome and strongly supported by the MHSC. Initiatives are being implemented that will ensure that women are healthy, safe and protected in the mining sector.
- The MHSC will be hosting a **SA Mining Health and Safety Summit in 2022**, where mining principals will review the state of health and safety in SA mines

Prevention of fall of ground

- Through the Centre for Education & Training of Mineworkers, MHSC is facilitating the training of Seismologists and Rock Engineers with partner institutions including the Council for Geosciences (CGS, MQA, Wits University and the University of Pretoria (UP)
- Guideline for the mitigation of geo-technical risks is to be completed by end of September 2022
- Research project is currently underway to determine the appropriate Average Pillar Stress (APS) criterion for design of regional pillars in platinum reefs, gold reefs and other ore/minerals?



Prevention of transport accidents

- Review of Guideline for the Compilation of a Mandatory Code of Practice for Trackless Mobile Machines
- Implementation of collision avoidance technology in the mining sector for diesel powered machines



Prevention of noise induced hearing loss

- MHSC is disseminating the revised Guideline for the Compilation of a Mandatory Code of Practice for an Occupational Health Programme for Noise. A workshop on the guideline will be held on the 4th and 5th of May 2022
- In collaboration Acoustic laboratories at UP, MHSC is developing a camera which will assist the SA Mining Industry to:
 - Achieve targeted silencing of machines
 - Increase the effectiveness of analyzing moving noise sources
 - To prevent unauthorized modifications of machines



Quieter machines lead to elimination of Noise Induced Hearing Loss and associated compensation claims. By June 2022 MHSC will be in a position to promote the use of this camera in the mining industry

Prevention of occupational lung diseases as well as TB and HIV/AIDS.

- A commemoration event will be convened in December 2022 on World TB Day. MHSC continues to disseminate guidance notes on TB and HIV
- The MHSC is reviewing the Current Airborne Exposure Limits in Schedule 22.9 (A) of the MHSA to reduce exposure of employees to high level airborne pollutants and reduce chances of employees developing occupational lung diseases
- The MHSC is disseminating the following documents within RTF Structures:
 - Guidance note on HIV Self-Testing for the South African Mining Industry
 - Guidance note on strengthening the HIV Counselling and Testing (HCT) uptake in SA mining industry
 - Guidance note on HIV management and control



The use of Advanced Technology

DIGIMINE – Strategic Partnership with Wits University to develop Drone Technology focussing on the following areas – Research project to be completed in November 2023 for implementation in the SA mining industry

Theme **ONE**

WIRELESS COMMUNICATION SYSTEMS

Theme **TWO**

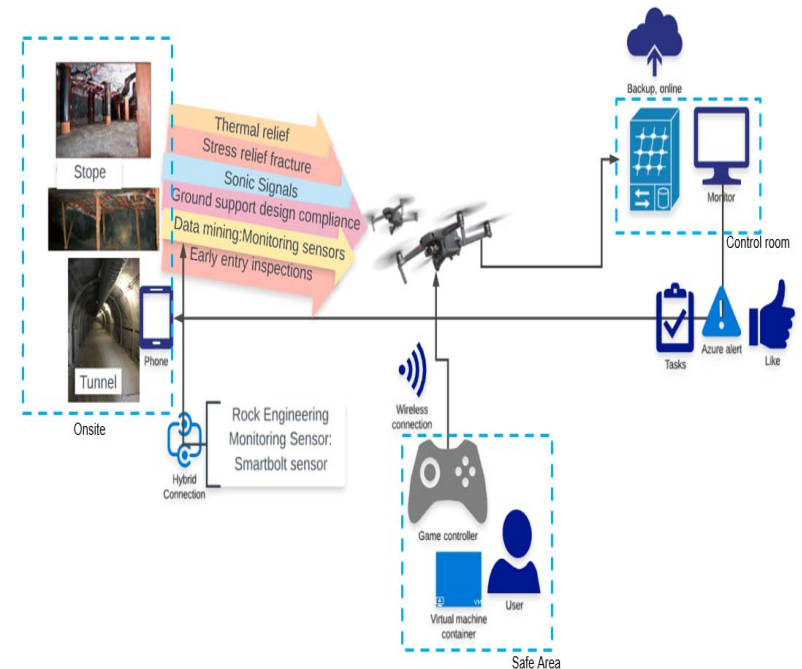
SURVEYING, MAPPING AND NAVIGATION

Theme **THREE**

HEALTH, SAFETY AND SECURITY

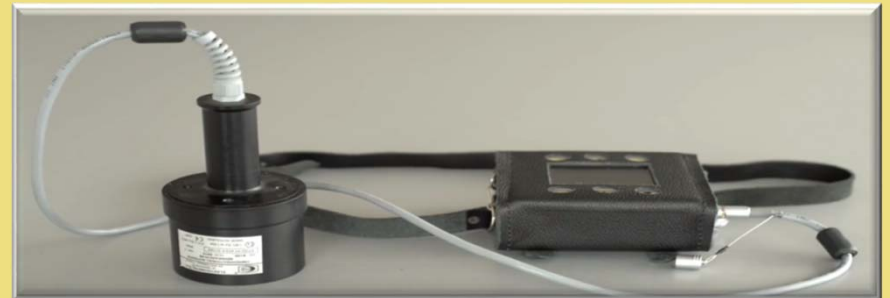
Theme **FOUR**

INTEGRATION FOR SMART MINING




The use of Advanced Technology

- Review of regulations dealing with Rescue, First Aid, and Emergency Preparedness and Response **(Including provisions for Missing Persons Locator Systems)**. To be completed by September 2022
- In follows a market assessment study on the availability of missing persons technology in RSA



Prevention, Mitigation and Management of the COVID-19 Outbreak in the SAMI

In the 2022/23, the MHSC will continue with initiatives to curb the spread of COVID-19 as follows:

COVID-19 related initiative	Facilitation Plan
<ul style="list-style-type: none"> Guideline for the compilation of a mandatory code of practice for the prevention, mitigation and management of COVID-19 outbreak Encourage vaccinations through promotional material 	<ul style="list-style-type: none"> Notices and Guidelines communicated via the DMRE MHSC facilitating communication through website, emails and social media platforms
	<ul style="list-style-type: none"> MHSC continues to update Covid-19 guidelines in line with changes from the department of Health and department of Employment & Labour



Women in Mining Initiatives (2022-23)

Topic

Review of Personal Protective Equipment (PPE) Guideline Code of Practice for Women in Mining (WIM) by June 2022

Development of Gender Based Violence Framework (GBVF) guideline document for the SAMI to assist with elimination of gender-based violence by August 2022

Host the Occupational Health and Safety Women in Mining Indaba in August 2022 to deal with:

- PPE for WIM
- Safety and security of WIM
- Research to improve working conditions for all genders



Mine Health and Safety Summit 2022

Objectives of the Summit:

- The 2022 OHS summit will seek to review progress towards achievement of the milestones which were agreed upon at the 2014 OHS summit by stakeholders for implementation by 2024.
- The summit will also provide a platform for tripartite stakeholders to reflect and engage on the current year's OHS performance which has regressed, and derive solutions that will assist industry to improve the situation
- Stakeholders will recommit themselves to the achievement of Zero Harm in the SAMI and continue to strive that every mineworker returns from work unharmed everyday

Key Messages of the Summit

- Elimination of Falls of Ground and Transportation in Mining accidents
- **Right to refuse dangerous work and leave dangerous working places**
- Promote Women in mining and eliminate gender base violence
- Living and working in a COVID-19 environment



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Communities affected by mining activities

- Development of Guideline for Minimum Standards for protection of communities against Ground Vibration, Noise, Air-Blast and Fly rock when conducting blasting operations for explosive manufactures and mining companies to comply with



Clean day



Extreme dust event

Vision, Mission, Goals and Values

1. VISION STATEMENT

Zero Harm to mine employees and communities affected by mining activities.

2. MISSION STATEMENT

To promote a culture of OHS in the mining industry and to make a meaningful contribution to improved OHS through a tripartite relationship between Mine Employers, Mine Employees and the State.

3. GOALS

The MHSC is pursuing the following goals and all the strategic objectives will be linked to achievement of these goals:

- *To support the achievement of Zero Harm to employees and communities as a result of mining activities.*
- *To provide knowledge leadership in mining Occupational Health and Safety.*

4. Values and Culture

The MHSC prides itself on a set of shared values that inform and guide the interaction between employees, stakeholders and the mining industry at large. The acronym “**CIRA**” represents MHSC core values.

Caring - displaying kindness and concern to others.

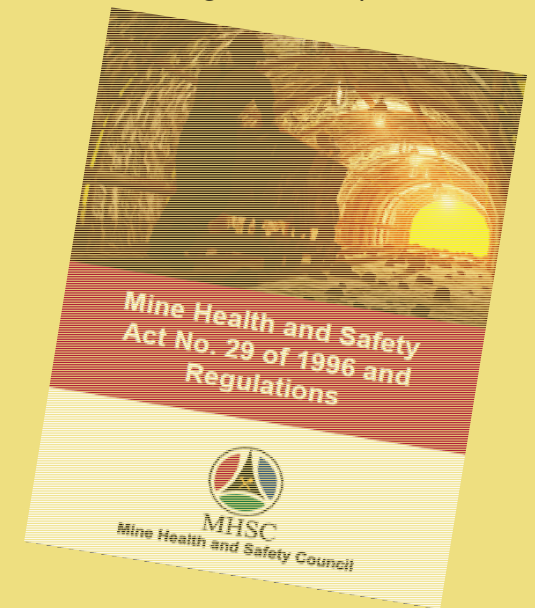
Integrity - Integrity, honesty and ethical approach in everything we do.

Respect - Respect each other and value diversity in ideas, work style, background and skills.

Accountability – Fully commits to improving health and safety culture in the SAMI.

MHSC Mandate

- **Advise the Minister** on all occupational health and safety issues in the mining industry including legislation, research and promotion.
- **Review and develop legislation** for recommendation to the Minister (Focus on Regulations).
- **Oversee research** in relation to health and safety in the mining industry.
- **Liaise with other bodies** concerned with health and safety issues (MQA, State Departments and various Stakeholders).
- **Promote health and safety culture** in the mining industry.



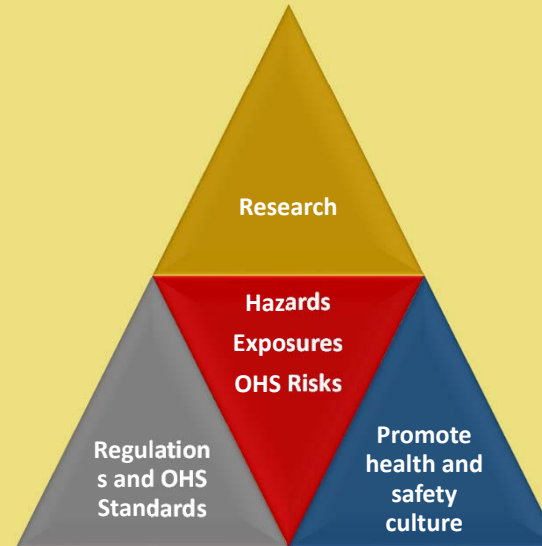
Tripartite Partnership



Mining Employees

- ❖ Zero fatalities
- ❖ Elimination of injuries
- ❖ Elimination of occupational diseases
- ❖ Safety and security of women

Vision: Zero Harm to Mine Employees and Communities Affected by Mining Activities.



Mining Communities

- ❖ Reduction in complaints
- ❖ Minimise negative impact on communities as a result of mining activities

Organised Labour

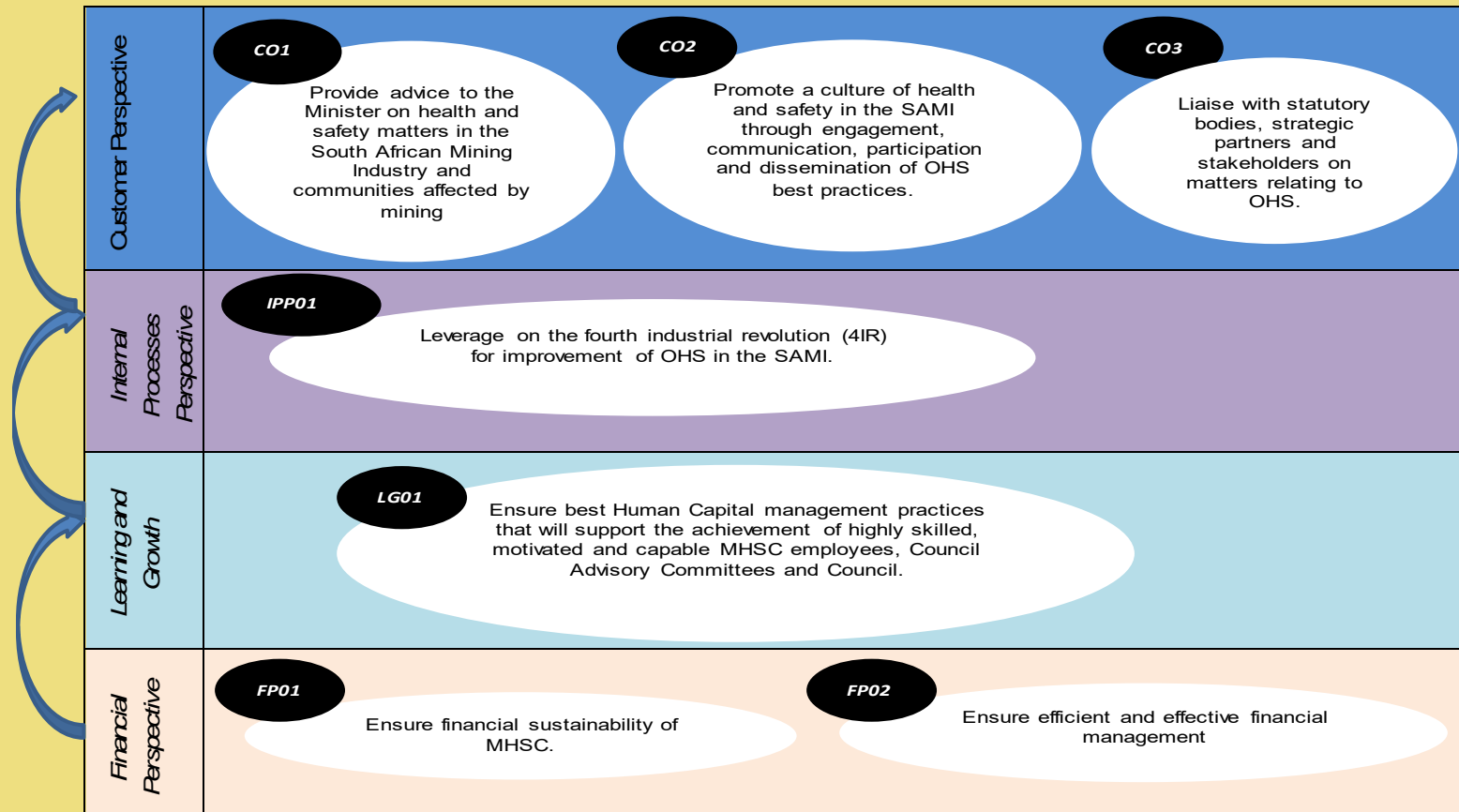
State

Employers



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Summary of APP 2022/23



Budget 2022/23

MINE HEALTH AND SAFETY COUNCIL STATEMENT OF FINANCIAL PERFORMANCE FOR THE PERIOD ENDING

	Budget 2023 R
Income	120 579 897
Revenue from non-exchange transactions	
Mine Levy Income	112 944 618
State Funding	4 717 000
Revenue from exchange transactions:	
Klopperbos	2 018 279
Other Income	
Finance income	900 000
Expenditure	120 579 897
Research & Development	24 249 421
Dissemination(Promotion Items,Events ,RTF's)	2 656 138
Klopperbos	1 063 430
Administrative expenditure**	13 121 524
Corporate Governance - Council Costs	978 035
Depreciation and amortisation	8 543 645
Employee Cost	65 175 605
Internal & External Audit Fees	3 982 099
COVID-19	760 000
Finance Costs	50 000
(Deficit)/ Surplus for the year	-0



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**STRIVING FOR ZERO HARM
EVERY MINeworker RETURNS HOME UNHARMED
EVERYDAY**