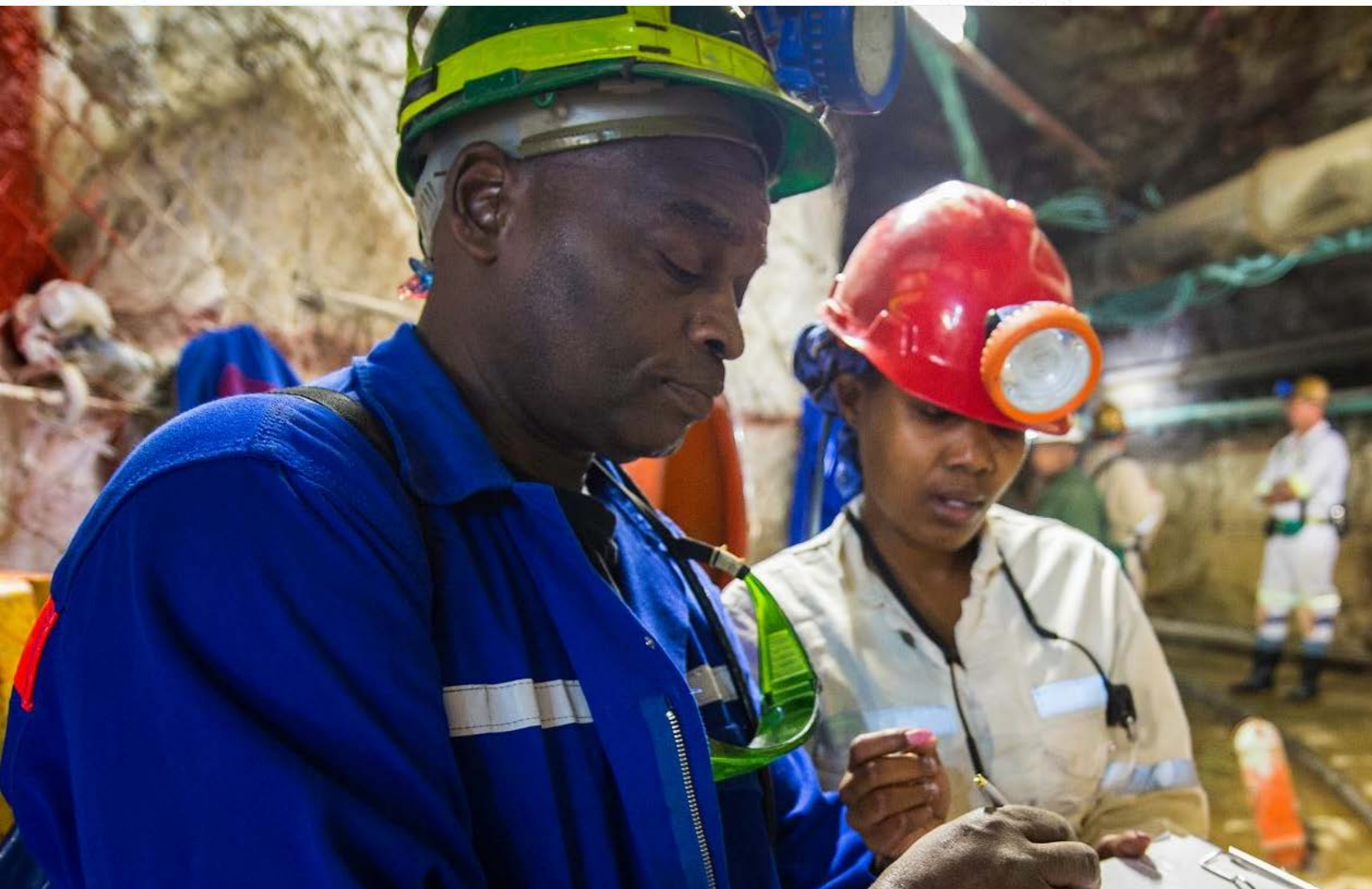




**MINERALS COUNCIL**  
SOUTH AFRICA



**Khumbul'ekhaya**



# THE JOURNEY TO ZERO HARM

INDUSTRY HEALTH AND SAFETY  
PERFORMANCE IN 2019

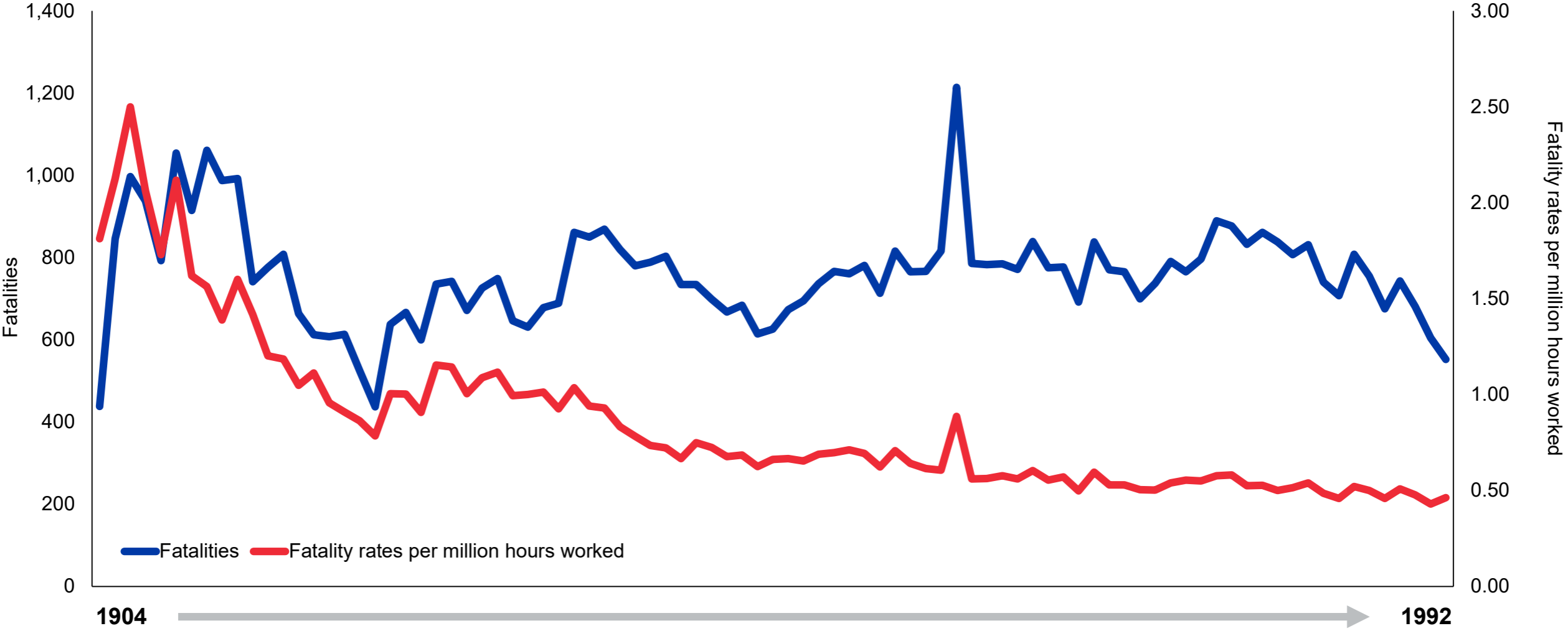
The Minerals Council South Africa  
February 2020, Mining Indaba

# COMMITTED TO ZERO HARM

The South African mining industry is committed to **Zero Harm** – every mineworker returning home, unharmed, every day.

We aim to achieve **world-class safety and health performance** by working in close collaboration with **tripartite partners** in government and organised labour.

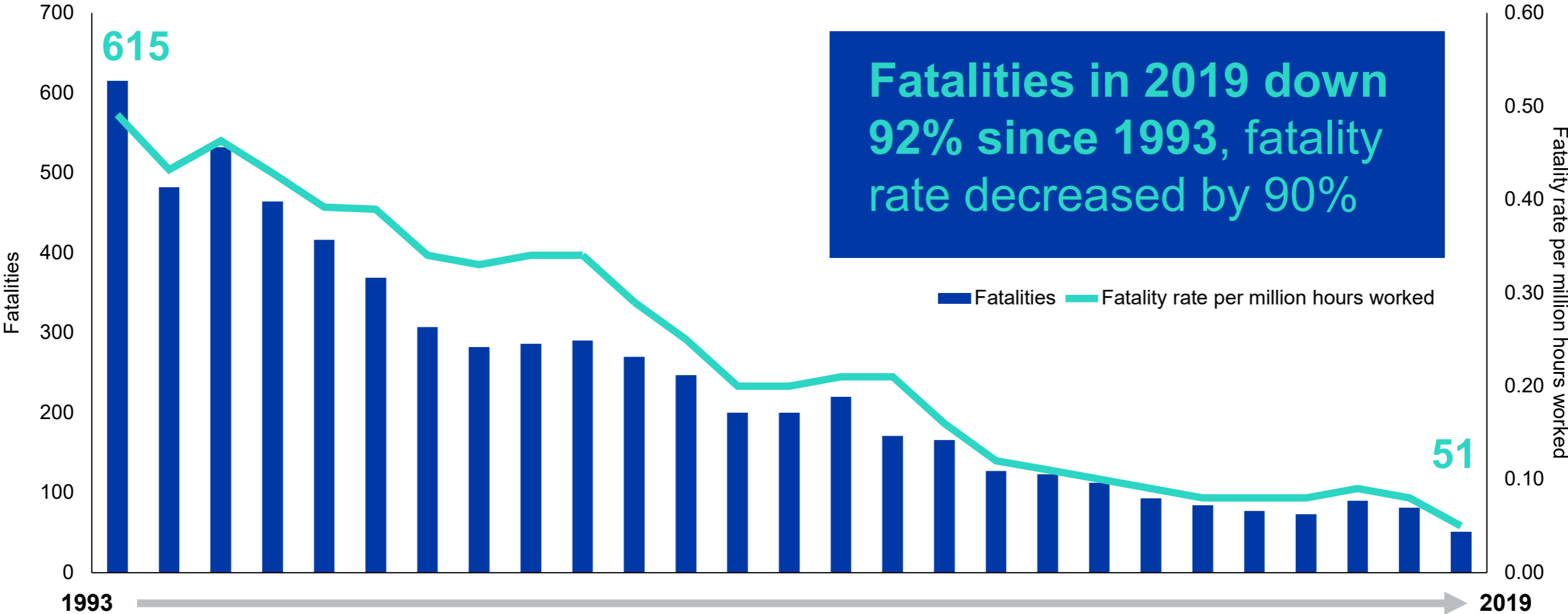
# It's been a long road



Source: DMRE

# Falling fatality rates

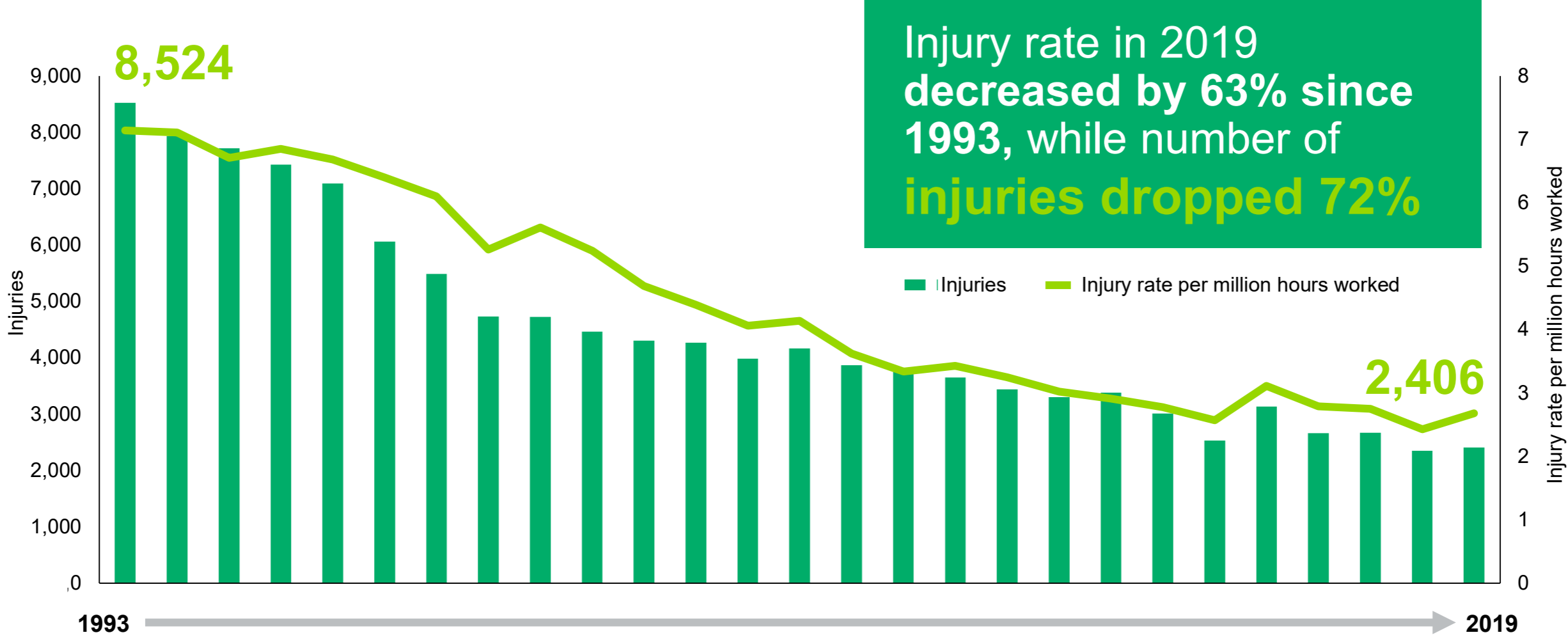
Fatalities and fatality frequency rate



Source: DMRE

# Injuries decreasing

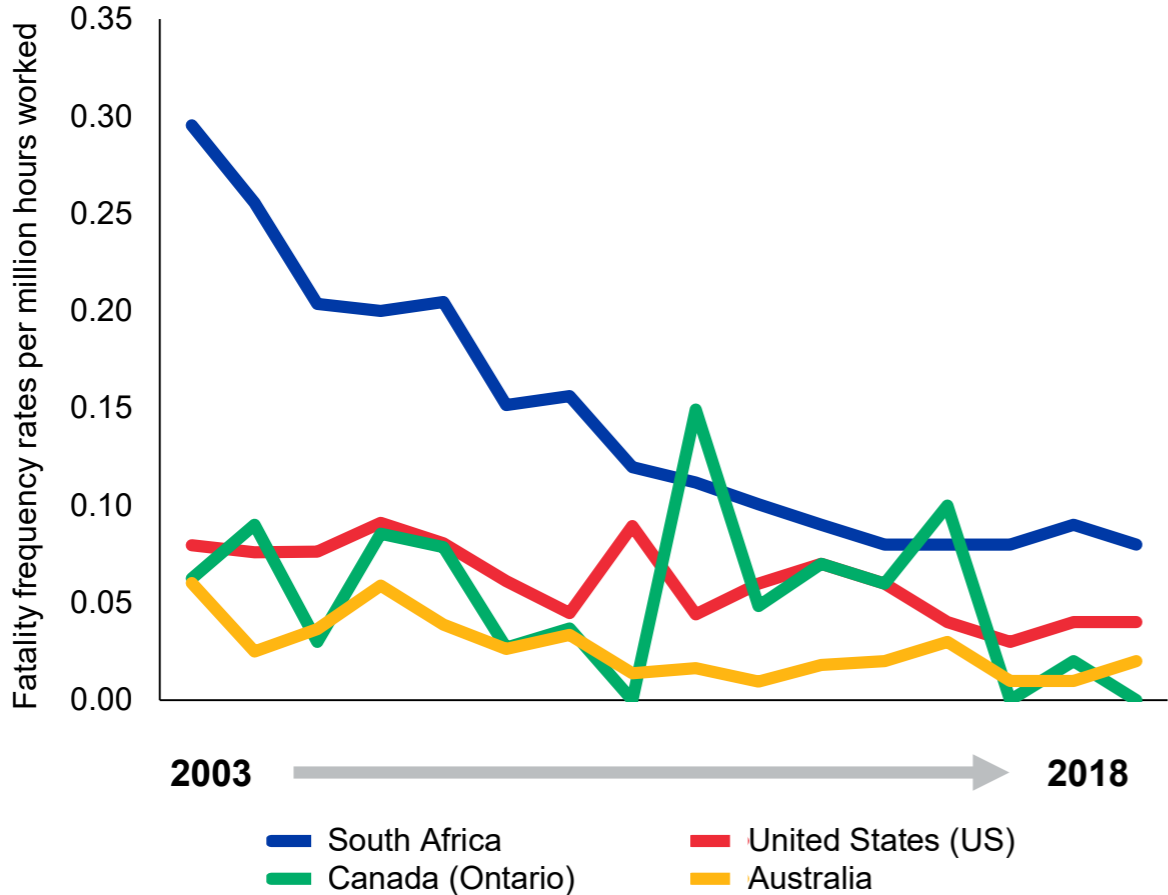
Injuries and injury frequency rates



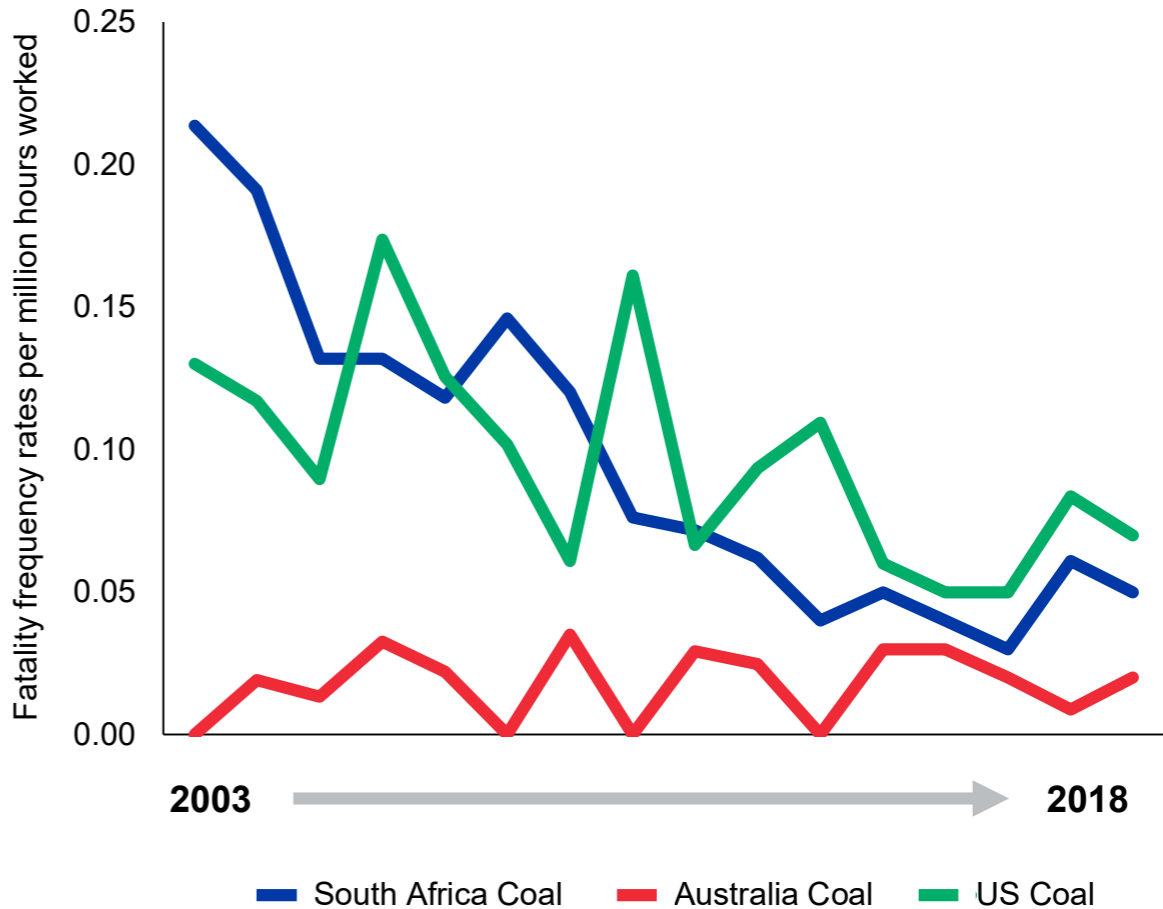
Source: DMRE  
2019 figures date to 9 December 2019

# Comparison with international benchmarks

South African mining industry vs international



South African coal mining vs international



# Safety performance between 2017 and 2019

## 2017

- The first **regression** in safety performance in 10 years
- A total of **90 fatalities** recorded, an increase of 17% on 2016

## 2018

- **National Day of Health and Safety** launched in August
- Health and safety days hosted at **several operations** around the country
- **Decrease of 10%** to 81 fatalities, with a notable decline after the Safety Day launch

## 2019

- **Khumbul'ekhaya** – “remember home” – launched in October
- **Decrease of 37%** to 51 fatalities

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Khumbul'ekhaya,  
**“REMEMBER HOME”**

- because fatalities have the greatest impacts on loved ones, at home

Together we can ensure that every mineworker returns home unharmed, every day

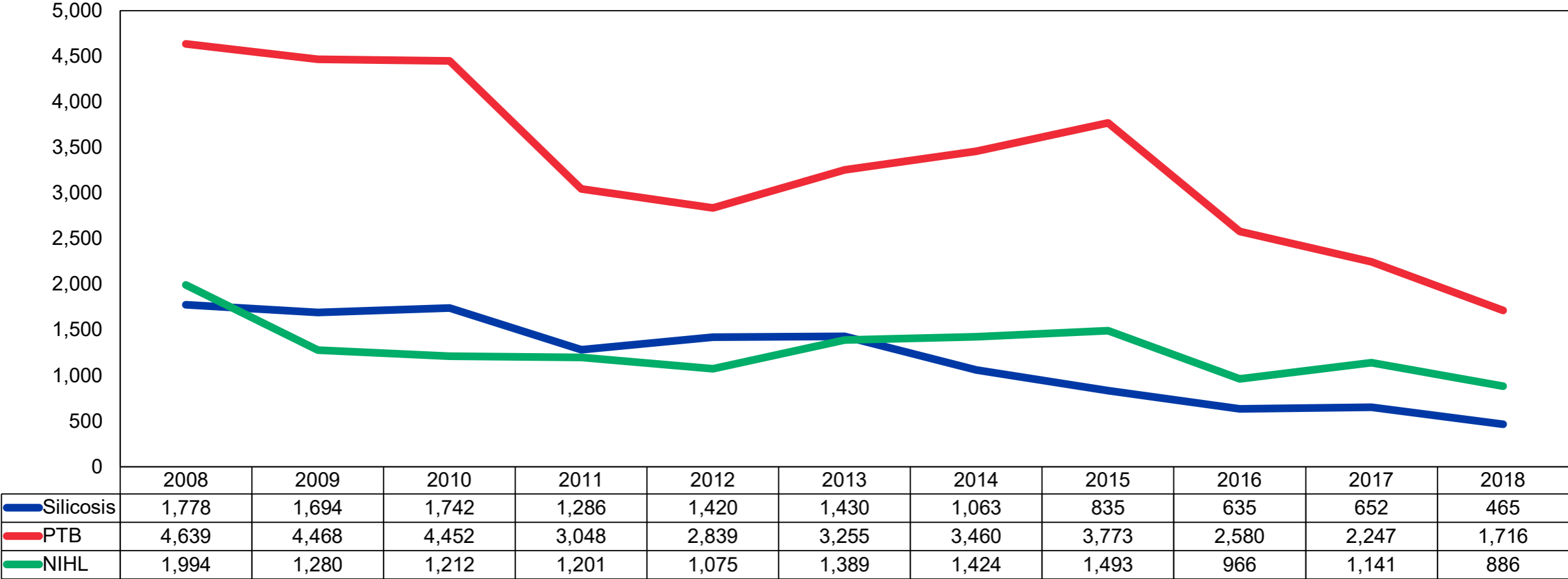
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# Occupational diseases in mining: 2008 to 2018

Occupational diseases in mining 2008- 2018





# Health performance in 2018

- There is a slight lag in the reporting of health-related performance – these figures are for 2018
- Key diseases prevalent in the mining industry:
  - TB
  - Silicosis
  - Noise-induced hearing loss (NIHL)
- Incidence of **TB, silicosis and NIHL have decreased** by 63%, 74% and 56% respectively since 2008
- Between 2017 and 2018:
  - Silicosis decreased by 29%
  - TB decreased by 24%
  - NIHL decreased by 22%
- In recent years, **HIV counselling** has increased to 83% and **TB screening** to 90%

# Improving health

- 2015: Multi-stakeholder **Masoyise iTB** project launched
- TB screening and HIV testing and counselling available to mining employees
- Aimed to achieve **TB incidence** on mines no higher than in rest of the population – **on track** to achieve this by the end of 2024
- 2019: Renamed the **Masoyise Health Programme**
- Now encompasses a wider mandate beyond TB and HIV to include **OLDs and NCDs**



**This world TB day**  
**play your part**  
**in raising awareness about TB**

**#IT'STIME #WORLDTB DAY2019**

# Health and safety in 2019: milestone settlement

- R5 billion silicosis and TB settlement reached on 3 May 2018 by six Minerals Council members and **approved by the High Court in July 2019**
- We congratulate all who were involved in this settlement, and look forward to its rapid implementation by the Tshiamiso Trust in 2020

'Justice has prevailed': MPs hail R5bn silicosis settlement agreement

POLITICS / 26 JULY 2019, 2:56PM / ANA REPORTER

## Cosatu welcomes R5 billion agreement in Silicosis saga

27 July 2019, 7:40 AM | SABC | @SABCNewsOnline



Tags: Cosatu, Silicosis, Mineworkers, Charmane Russells, Minerals Council South Africa



Image: SABC News

# CEO Zero Harm Forum

- CEO Zero Harm Forum **established in 2012**
- Premised on the belief that the **industry's CEOs need to lead by example**
- **Key focus areas:** falls of ground, transport and machinery, dust, noise, TB and HIV/Aids, and operational safety culture


## Forum's objectives include:




Developing a model for industry leadership



Modelling leadership behaviour



Sharing experiences



Establishing working protocols



Monitoring and agreeing on adjustments to industry models

# Safety is multi-faceted

No silver bullet

Safety management is multifaceted

## Trends repeatedly prompted innovations



New mining methods



New technologies



New and better people  
management techniques

# CEO Heartfelt Conversations





- 25 January 2019: 34 mining CEOs and four Minerals Council's office bearers met for a half-day health and safety event
- Encouraged **intense introspection** into and facilitated **meaningful engagement** on health and safety-related issues
- Defined by a shift to a heartfelt **CEO-ship culture** focused on **collaboration and co-learning**
- Key outcomes:
  - **Zero Harm** remains the abiding aspiration guiding the industry's actions
  - The step-change priority for 2019 and 2020 is the **elimination of fatalities**
  - Health and safety, including the elimination of fatalities, need to be considered **holistically**
- **CEO-led strategy on Health and Safety** established – called Khumbul'ekhaya



# Khumbul'ekhaya

- Developed and led by CEO Zero Harm Forum
- Driving and sustaining mining industry's pursuit of Zero Harm
- Galvanised industry players into action

## Four critical drivers of Khumbul'ekhaya

	Promote a holistic approach to the elimination of fatalities
	Develop a system of understanding occupational deaths in and beyond employment
	Adopt methods for more effective and competitive training, for example through centralisation and modernisation
	Adopt globally leading practice to learn better and faster from others



Khumbul'ekhaya



Nguni word for

**“remember home”**,

because we recognise that fatalities have the greatest impact on loved ones at home

# Khumbul'ekhaya



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**SAFETY AND HEALTH**  
are equally important

Together we can ensure that every mineworker returns home unharmed, every day

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Icon: Scales of justice



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**SHOW YOUR COMMITMENT**  
by sharing a photograph on our social media

Follow, comment and share using **#rememberhome**  
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Icon: Checkmark in a circle



# Stakeholder contributions

We acknowledge role played by our social partners, particularly government and organised labour, in contributing to health and safety improvements



The Leon Commission  
of Inquiry into  
Safety and Health in  
the Mining Industry



The Mine Health and  
Safety Act (MHSA)



The Mine Health and  
Safety Council (MHSC)

# Looking ahead

- Khumbul'ekhaya will continue to be an abiding priority for the Minerals Council
- It is our responsibility – as industry, government and organised labour – to ensure our employees remember home
- We are aware that this change begins with those in leadership
- It involves a holistic approach and persistent learning
- To eliminate fatalities and improve the health of our employees is going to take continued, concerted effort



**#MakingMiningMatter**

**Every mineworker returning  
home unharmed every day**

# Thank you

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