

Sibanyegold

MOSH FOG Day of learning

Good Ledging Practice 27 October 2015



Current state of the industry

- Low commodity prices
- Increasing cost of production (labour and electricity)
- Increasing cost of poor health and safety (human suffering and lost production)
- Good health and safety makes good business sense
- It is our moral obligation



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Road to Zero Harm

Every mine worker returning from work unharmed every day



The road to zero harm

- Milestones developed collaboratively between all stakeholders (Mine-Safe Summit 2014)
- This collaborative effort strives to ensure a learning and participative culture
- The intent of the milestones is to accelerate our journey to zero harm
- Clear timeframes for delivery
- Implementation of risk-specific activities such as:
 - Adoption of leading practice (MOSH)
 - Implementation of research outcomes (CoE)
- The MHSC's Culture Transformation Framework (CTF) is a pivotal driver in accelerating our journey to zero harm
- CEO elimination of fatalities task team also a key initiative



2014 Occupational safety milestones

- Elimination of fatalities and injuries
 - Every mining company must have a target of ZERO FATALITIES
 - Every fatality is one too many, we will eliminate fatalities by December 2020
 - Up to December 2016, 20% reduction in serious Injuries per year
 - From January 2017, 20% reduction in Lost Time Injuries per year
 - Fall of ground present a significant obstacle to achieving zero harm

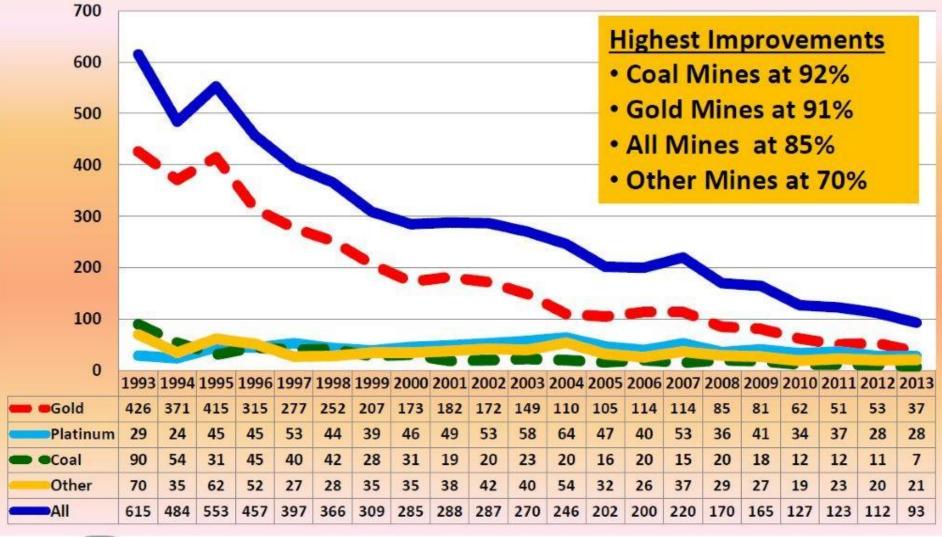


2014 CTF Milestones (11 Pillars)

By December 2020 there will be 100% implementation of:

Pillar	Intention
Leadership	Leaders will lead by example in walking the Zero Harm talk
Risk Management	Seek to eliminate risks at their source and investigate root causes
Bonus and performance incentive	Zero Harm is prioritised ahead of production
Data Management	
Diversity Management	No racism, genderism or any forms of discrimination
Leading Practice (MOSH)	Take a common approach to identifying and facilitating the adoption of leading OHS practices and research outcomes

Fatalities by Commodity

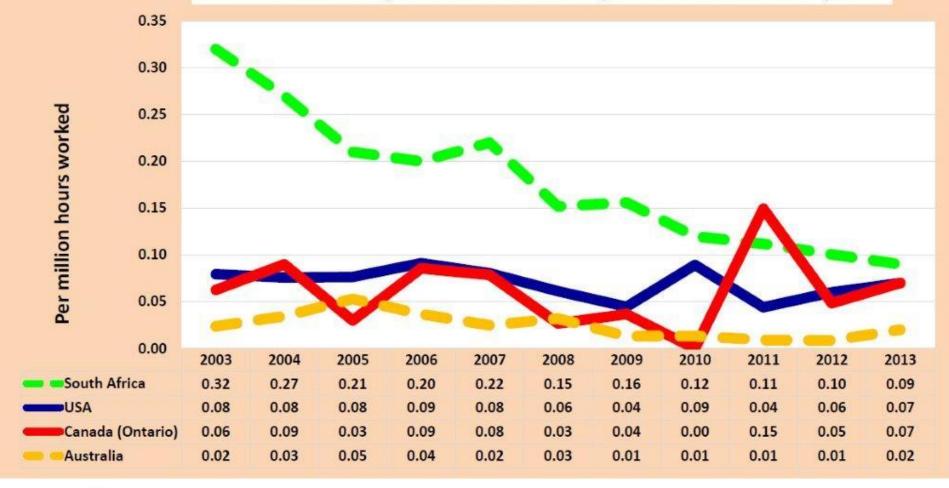




Comparison of Fatality Rates

All Mines

South Africa fatality rate versus Australia, Canada & USA fatality rates

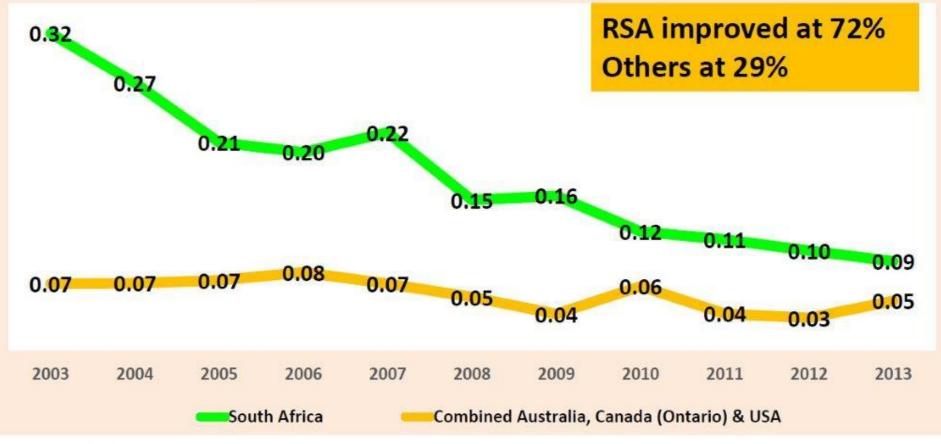




Comparison of Fatality Rates

All Mines

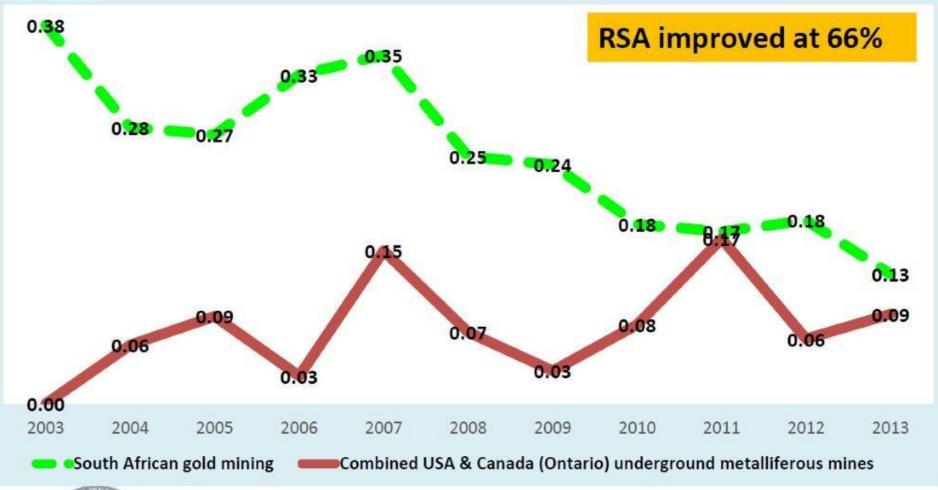
South Africa versus combined Australia, USA and Canada (Ontario)





Comparison of Fatality Rates Gold & Metalliferous Mines

South Africa fatality rate versus USA & Canada Ontario fatality rates

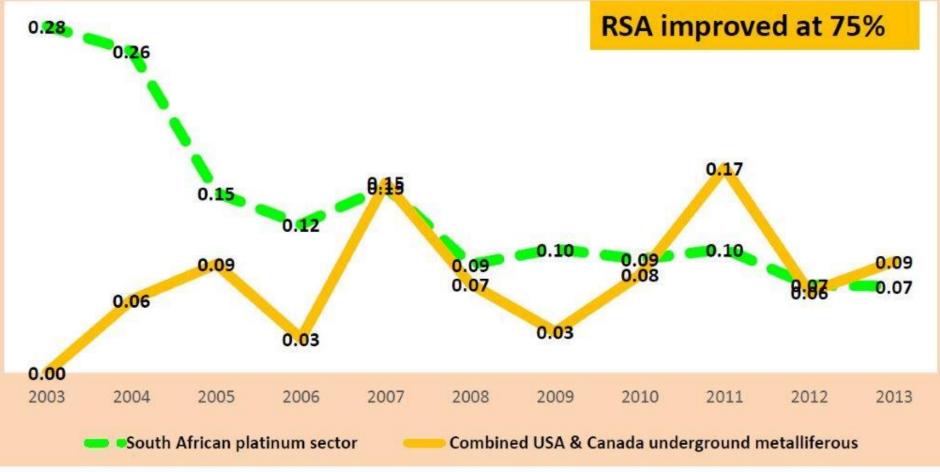




Comparison of Fatality Rates

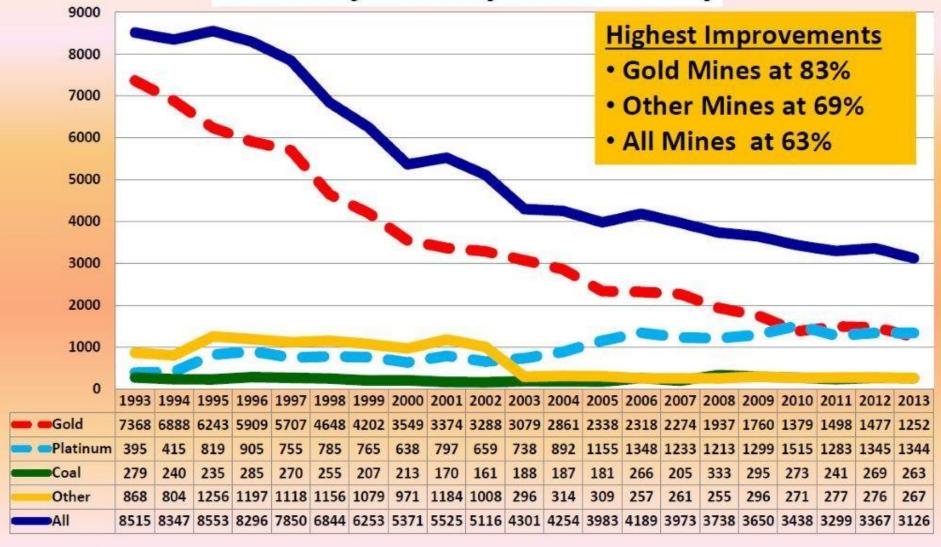
Platinum & Metalliferous Mines

South Africa fatality rate versus USA & Canada fatality rates



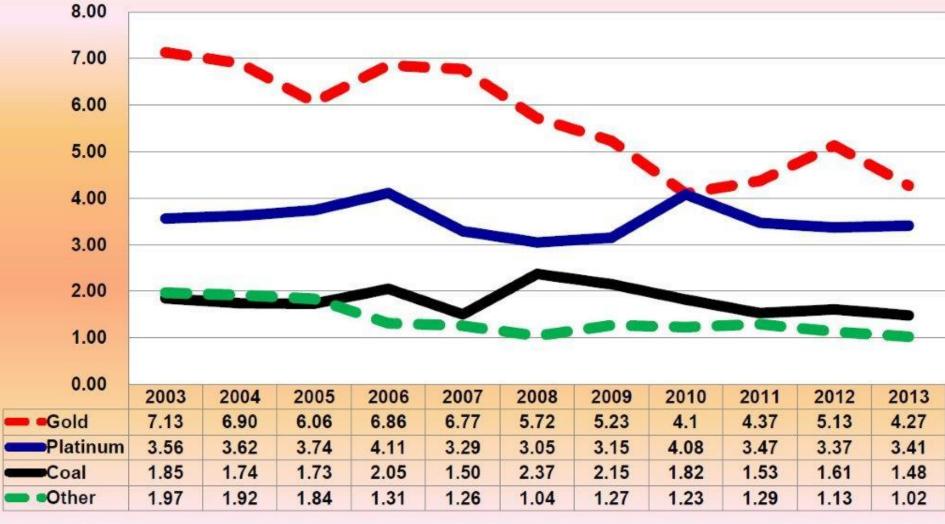


Mine Injuries by Commodity

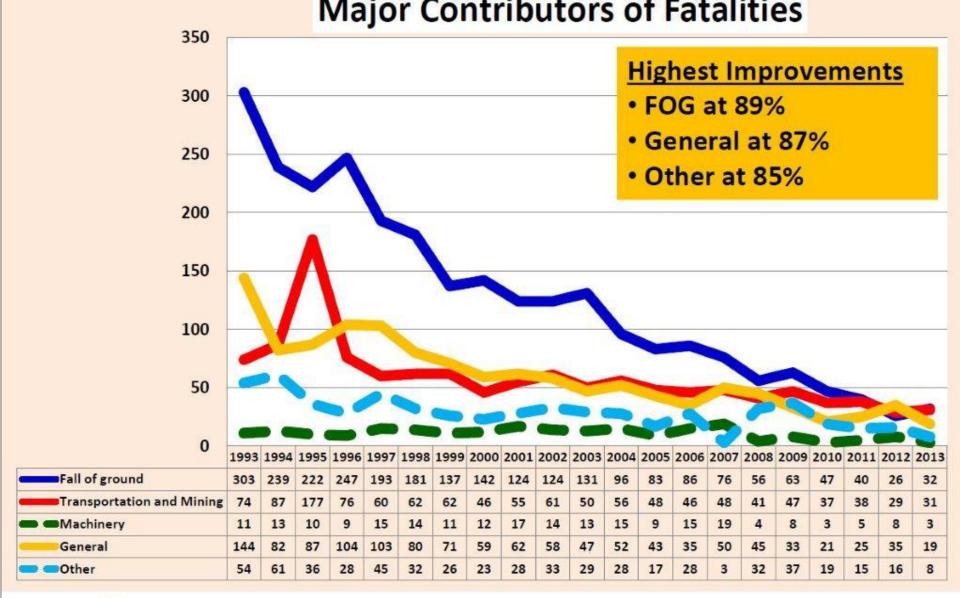




Injury Frequency Rate per million hours worked



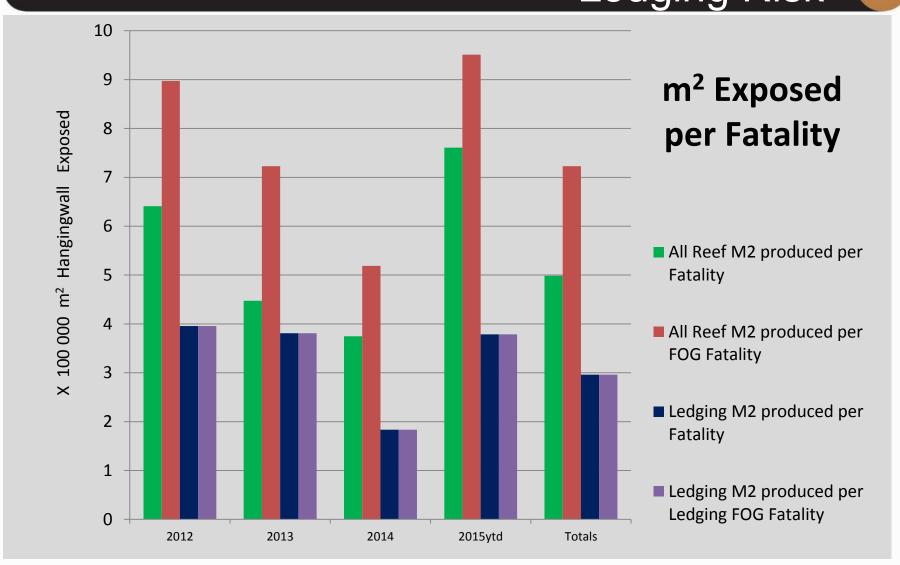








Ledging Risk





Expectations from today

- Acknowledge ledging as a high risk step in the mining process
- Appreciate the potential leading practice in what is presented today
- Allow the COM 's MOSH team to assist in identifying the actual leading practice
- Commit to supporting the lead/host mine and the adoption of the leading practice
- We all support our journey to ZERO HARM:
 - "Every mineworker returning from work unharmed every day"