



WORLD CLASS MINERALS AND ENERGY SECTORS THROUGH SUSTAINABLE DEVELOPMENT

# *Coalsafe Presentation*

DEPARTMENT OF MINERALS AND ENERGY

THE FUTURE OF MINE OHS



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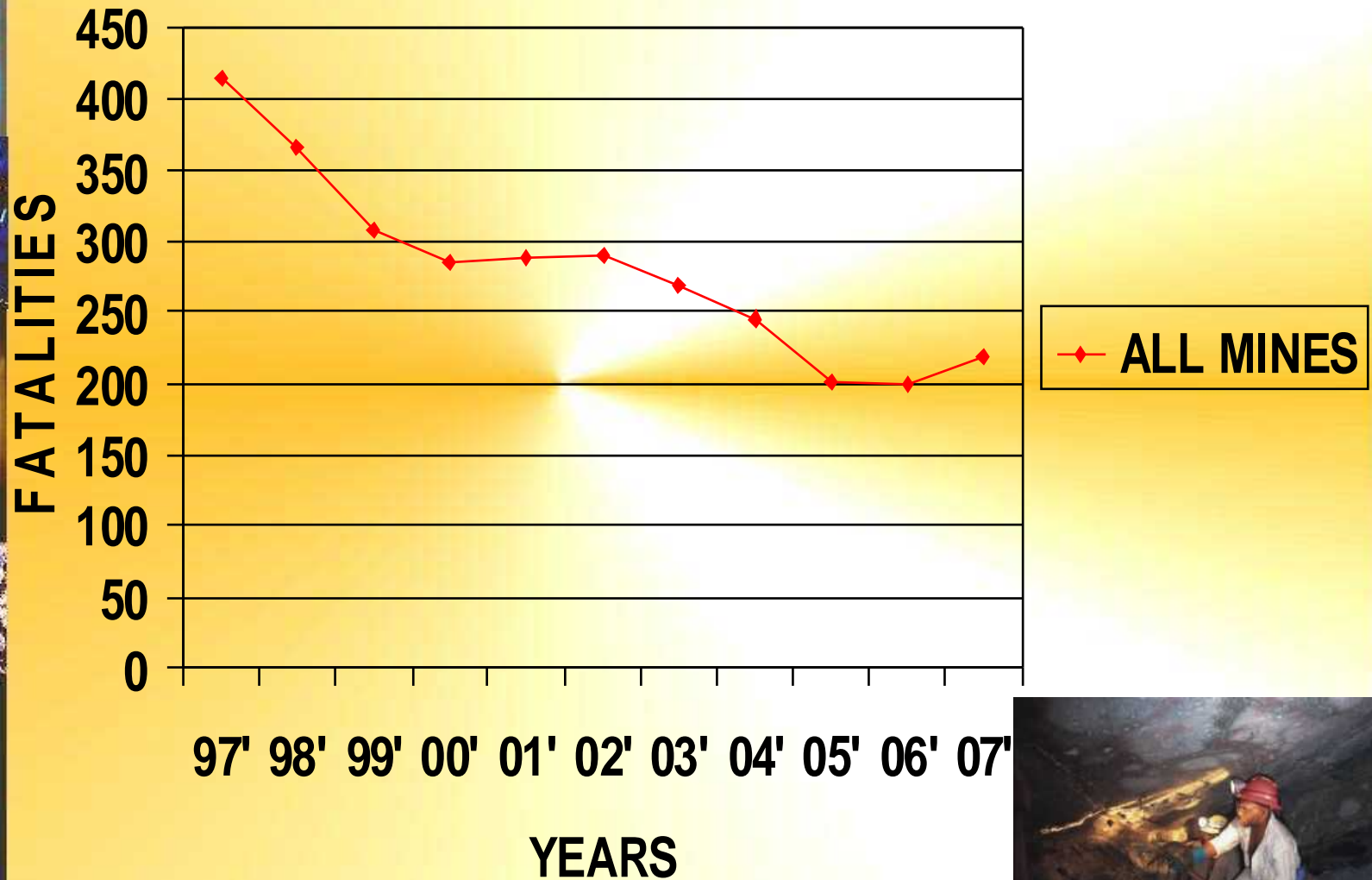
Department:  
Minerals and Energy  
**REPUBLIC OF SOUTH AFRICA**

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Chief Inspector of Mines

## Discussion Points:

1. South African Mine OHS
2. Coal OHS Performance
3. Overview on the future of Coal
4. Update on OHS Audits
5. Skills Shortage & Impact on OHS
6. Topical Issues

# South African Mine OHS Performance



# SA Mine OHS Challenges

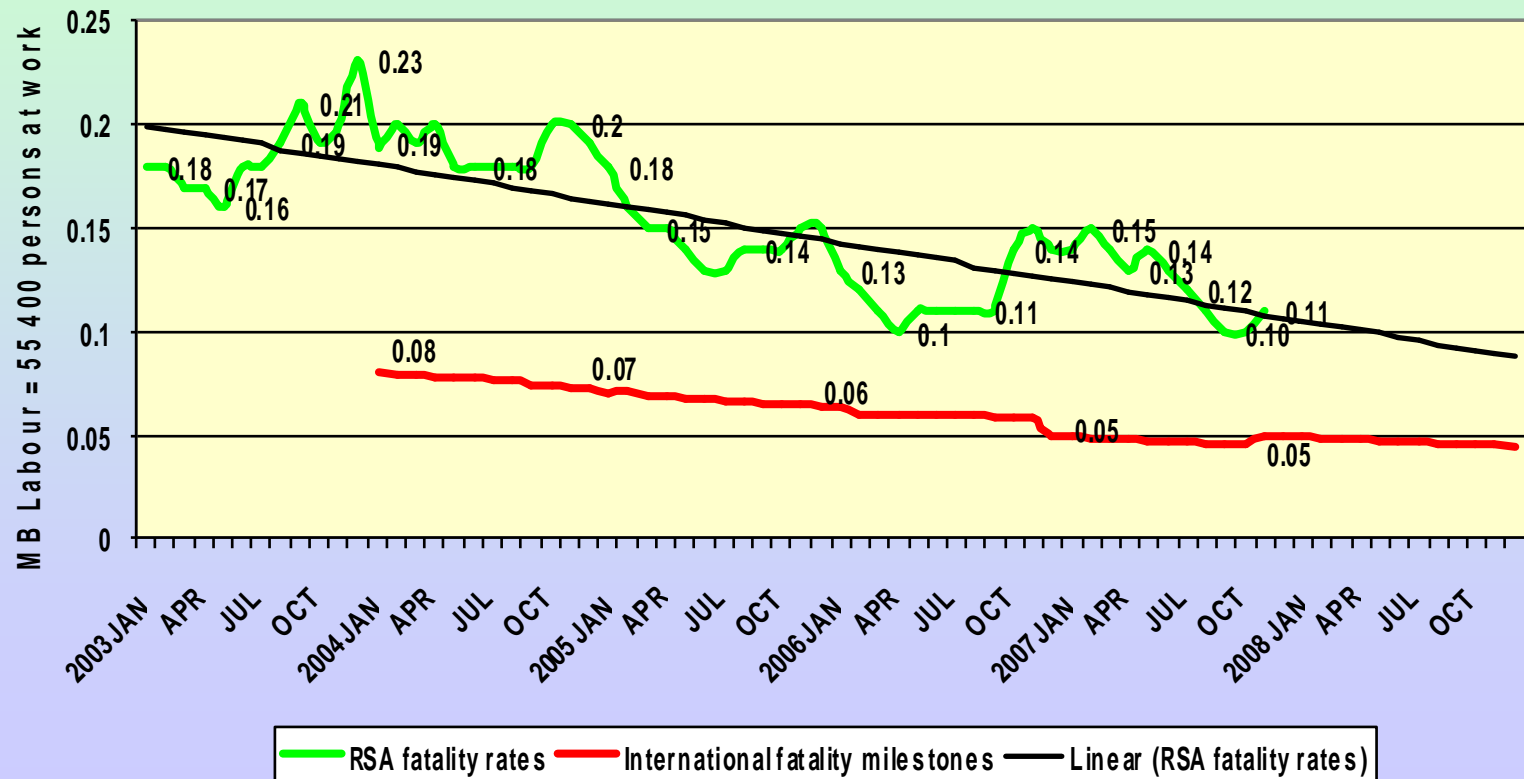
1. High fatality rate – still more than 200 lives lost per year
2. High rate of occupational illness and diseases – high levels of compensation paid out.
2. Shortages of skills in all disciplines required to ensure the health and safety of mineworkers
3. Still a high number of accidents and fatalities related to seismicity and rock bursts.
4. Outcomes of research projects (both local and international) as well as accident investigations and inquiries are not being widely used to re-assess mines OHS risk.
5. Milestones on Health and Safety agreed to at the MHSC Summit of 2003 still not being met by the mining industry.
6. Mineworkers must be able to exercise their rights in terms of section 23 of the MHSA – to leave a dangerous working place, - this means that effective early warning systems must be in place to warn them of all health and safety risks.



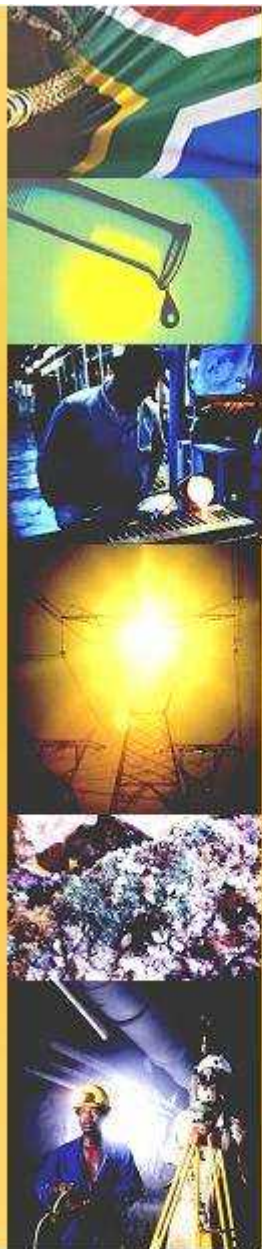
# Coal Mining OHS Performance



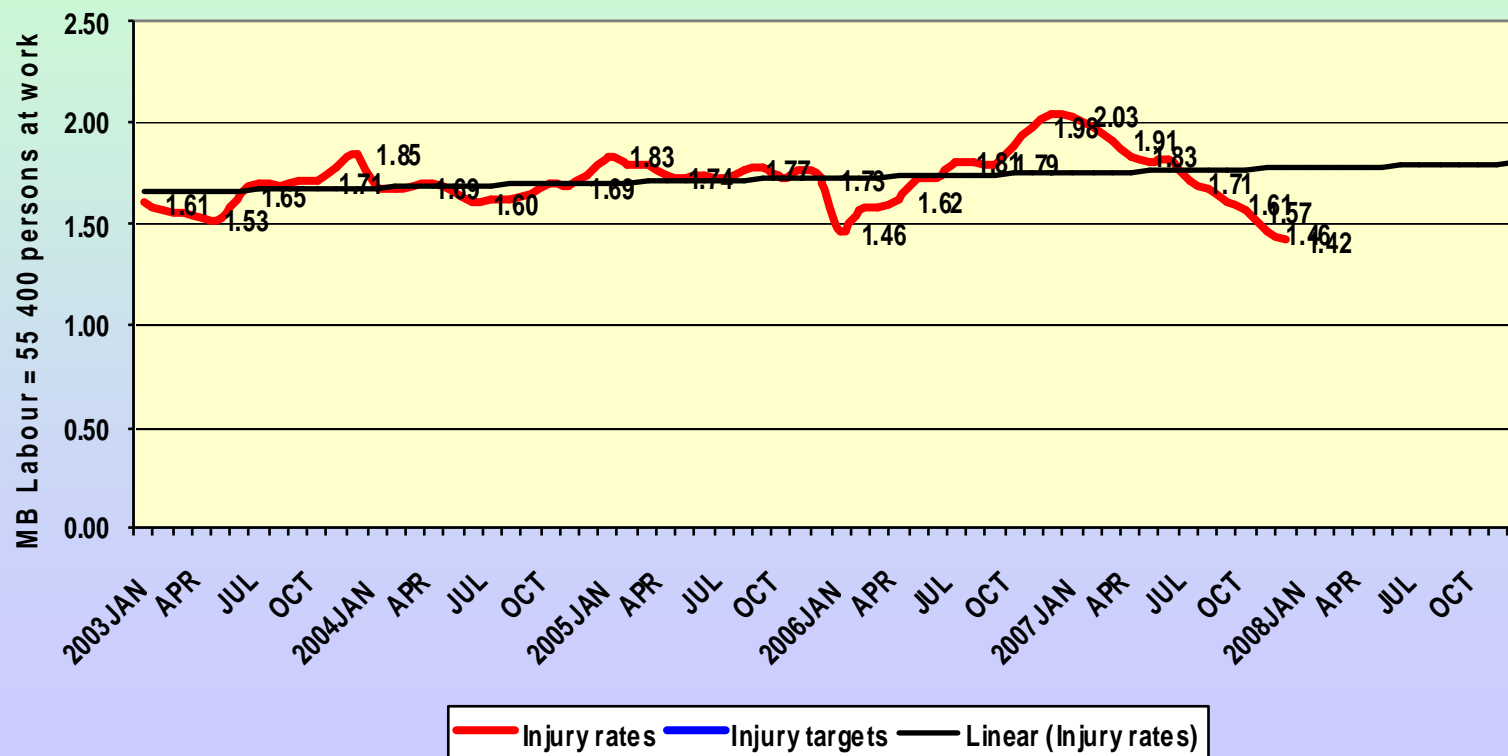
RSA coal mines  
Fatality rates per million hours worked  
2003 - 2008



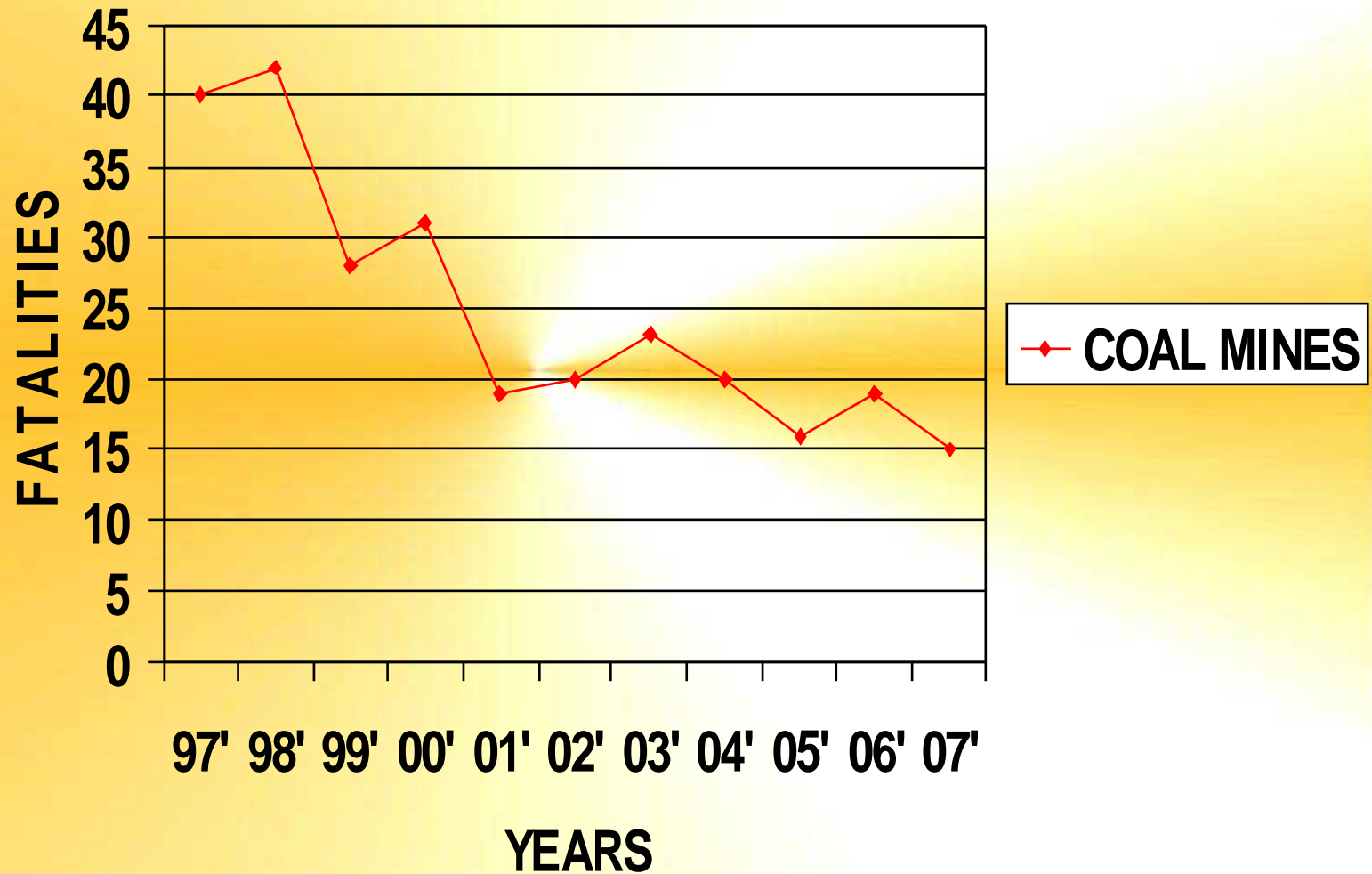
# Coal Mining OHS Performance



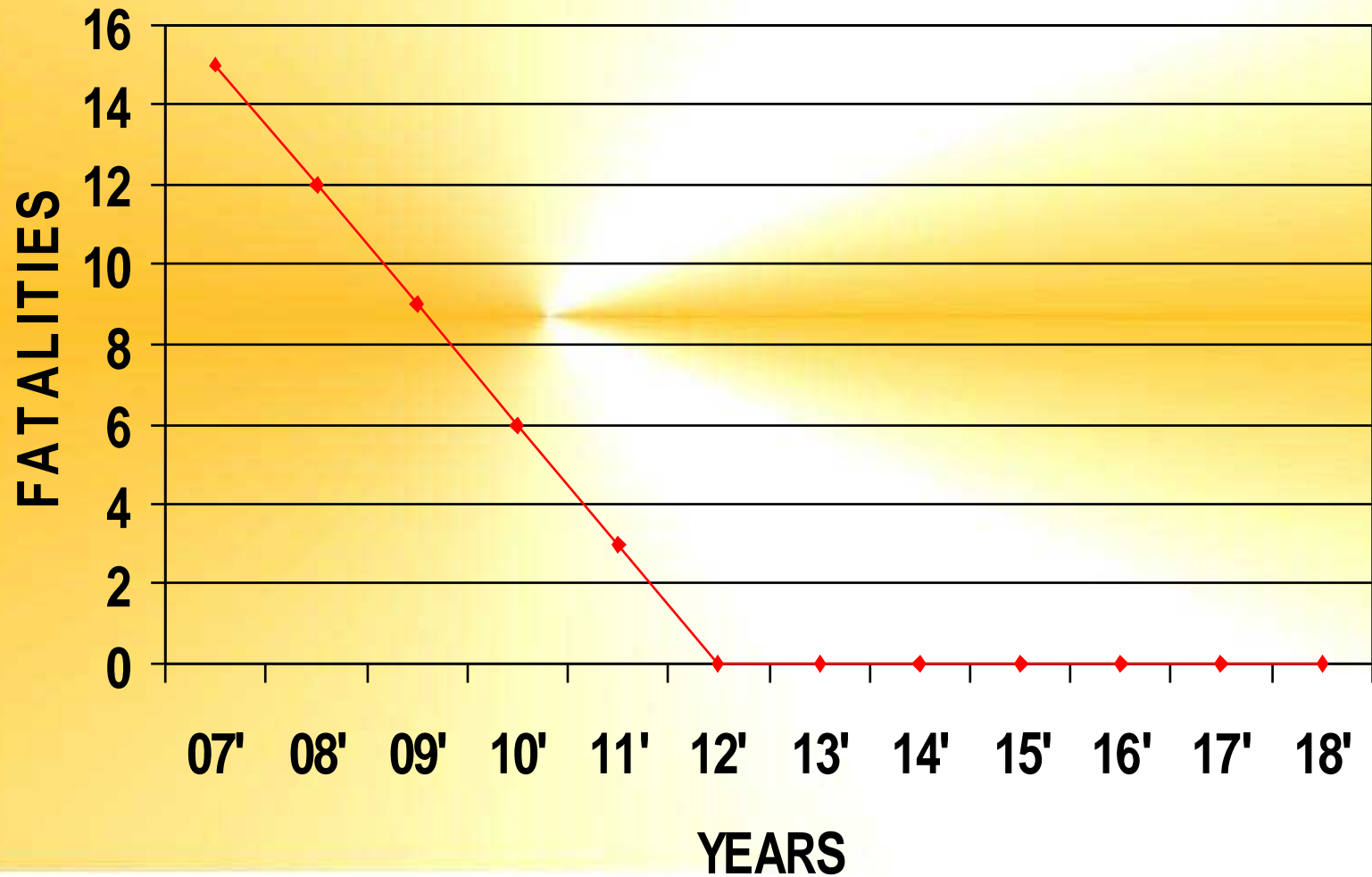
RSA coal mines  
Injury rates per million hours worked  
2003 - 2008



# Coal Mining OHS Performance



# SA Coal Mining Challenge



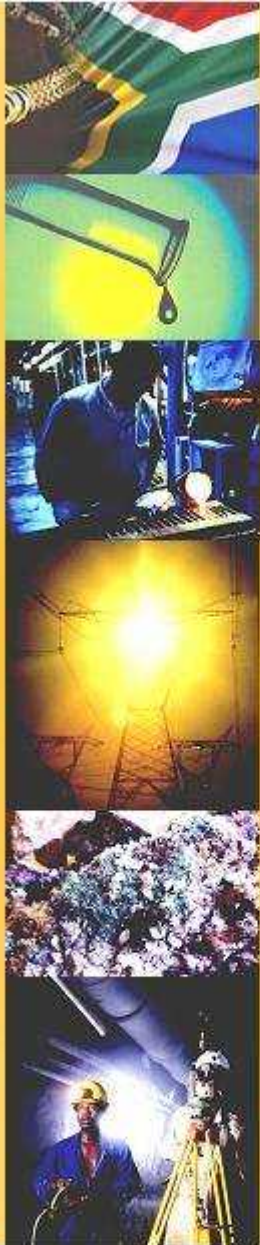
# National OHS Audits

1. Presidential Audits.
2. Compliance Audits
3. Technical Audits
4. Reporting
5. Generic findings
6. OHS Profile
7. Prioritization



# OHS Skills Development

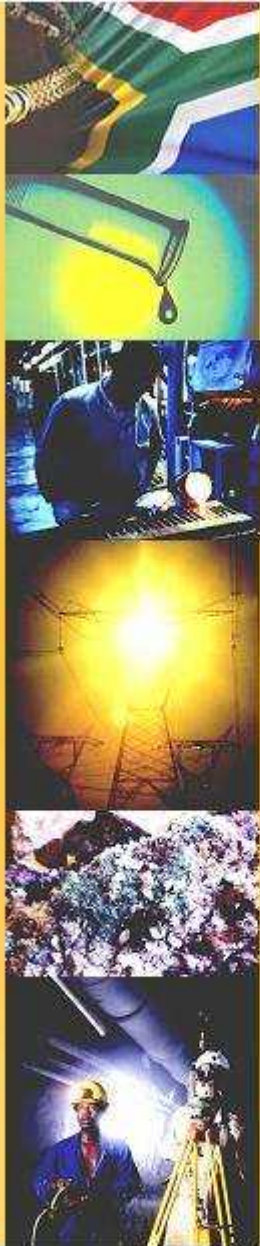
1. Skills shortages – a global challenge
2. The current commodity price boom and especially the demand for energy will also ensure that the demand for coal will remain high.
3. Investment in training/skills development needed (e.g. training centres)
4. MQA Focus
5. Your thoughts on what need to be done



# Topical Issues

1. National OHS Integration
2. Future of MHSI
3. 2008 Summits
4. Review of the MHSA
5. Skills Development SETA landscape
6. MHSC Milestones – 2008 a reporting year on achievement of reduced silica dust exposure levels and cases of noise induced hearing loss.
7. Behaviour based safety systems

Thank You



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