



Mining Industry Occupational Safety and Health (MOSH) Best Practice Adoption System

Eugene Schoeman





Historic Overview

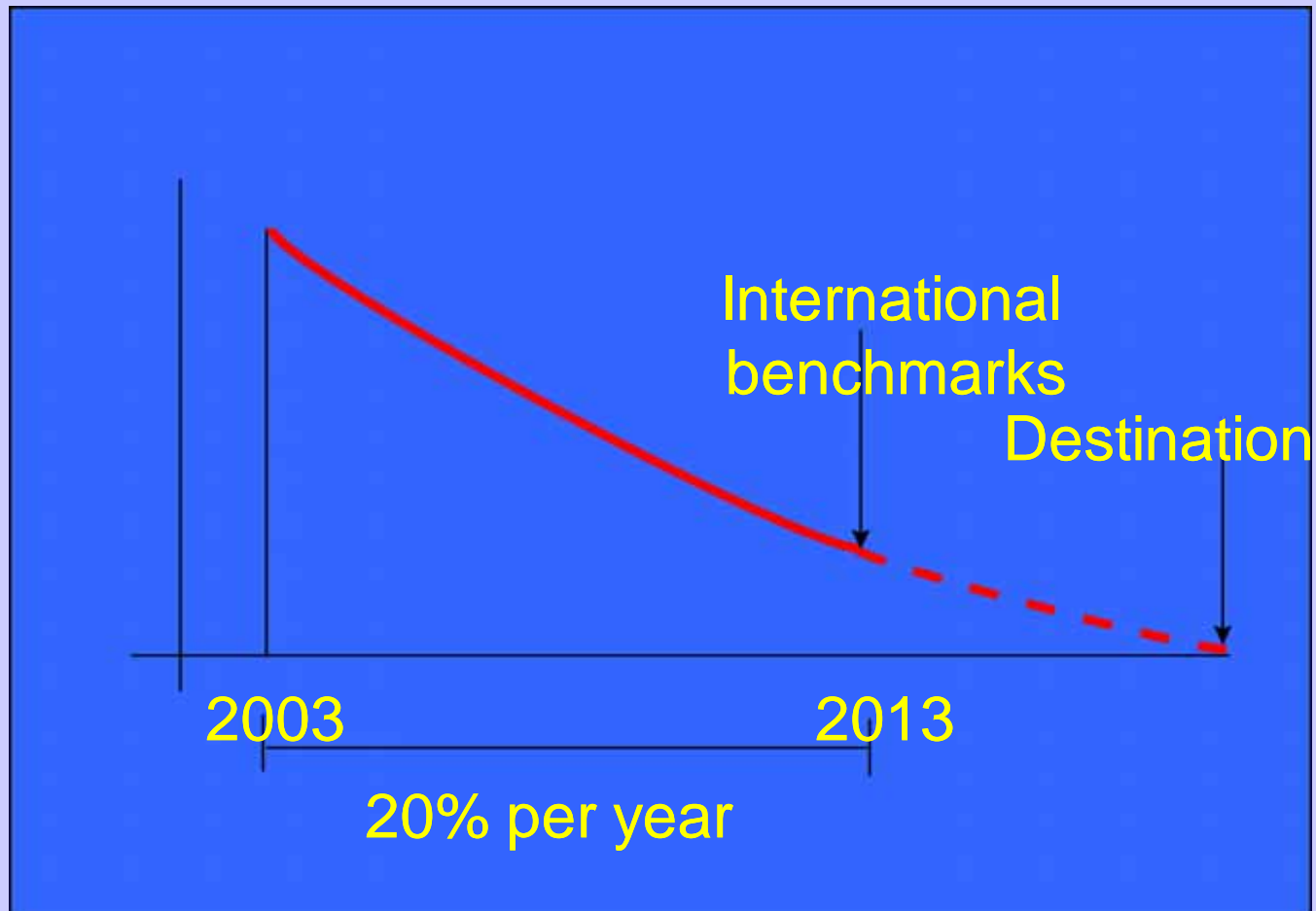
- 2003: Industry, labour and government agreed
- 2005: CEOs signed commitment
- 2006: CEOs established Health and Safety Task Force
- 2007: Task Force presented their work at Employer Summit and recommended Establishment of Adoption System
- 2008: Adoption Teams Selected and Workshop held





Mining Industry Occupational Safety & Health

Safety - Fatalities





Health - Dust and Noise

Dust

After 2013, no new cases of silicosis amongst previously unexposed individuals

Noise

After 2008, no deterioration $> 10\%$

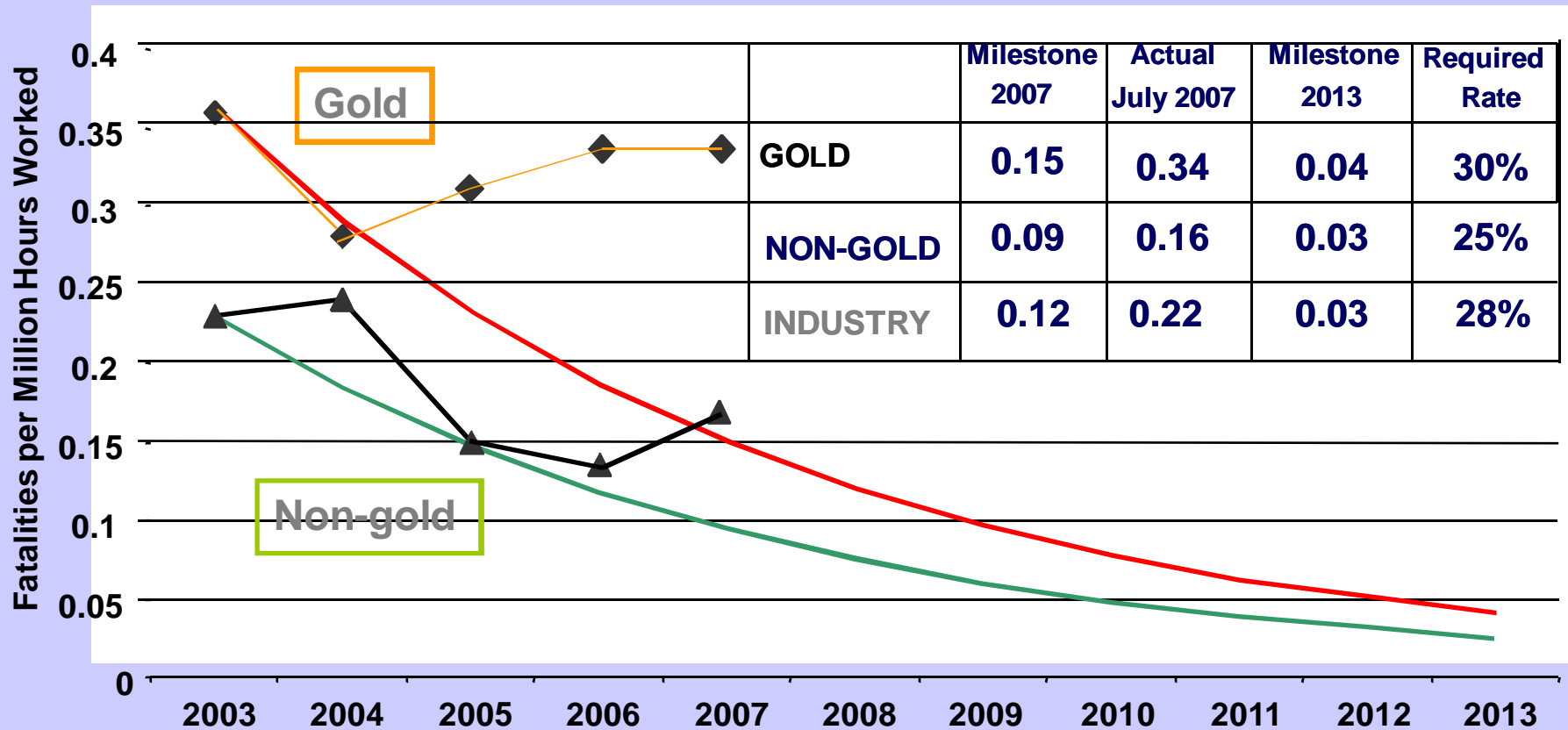
By 2013, all equipment < 110 dB





Mining Industry Occupational Safety & Health

INDUSTRY PERFORMANCE



Coal is the only sector that reduced fatalities by 20%





Best Practice Adoption

Rationale for initiative:

- If each company performed as well as the best in their commodity sector, the mining sector would achieve the milestones

Challenge:

- A lot of sharing, little adoption





Mission

Facilitate widespread adoption of practices that will significantly improve OHS in SA mines

Interact widely with industry to:

- identify practices in key areas :
noise, dust, leadership, FOG
- foster eager adoption





Adoption Process

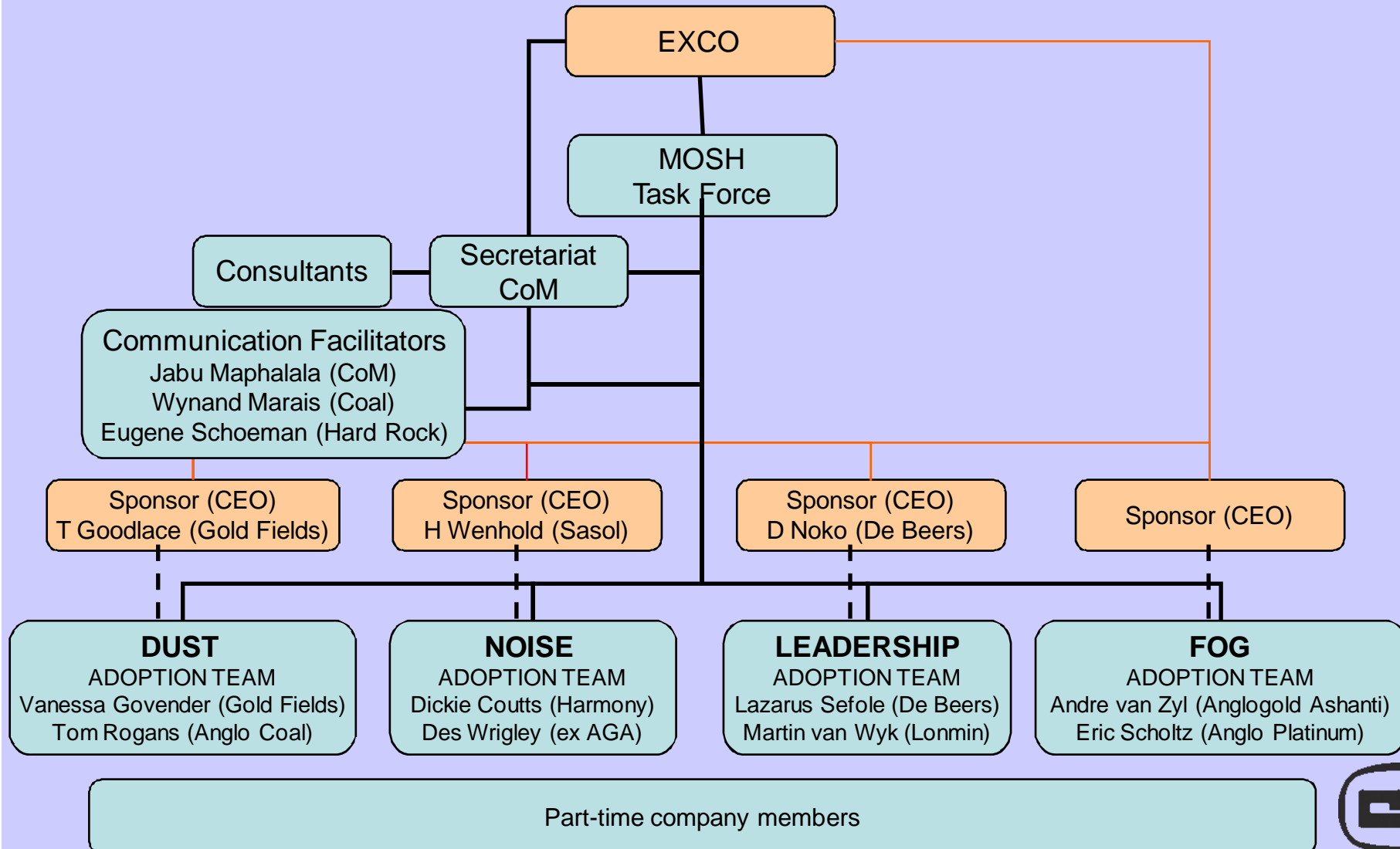
- Identify Mine where where best practice has been implemented (Test Mine/Source Mine)
- Find another Mine willing to implement and verify results (Demo Mine)
- When test is successfully concluded find potential Mine's for further roll-out of the best practice (Adoption Mines)





Mining Industry Occupational Safety & Health

ESTABLISHMENT OF THE ADOPTION SYSTEM





Progress to Date

- CEO's agreed to the piloting of the adoption system/budgets signed off
- Full-timers identified
- Part-timers identified
- Preparation for Workshop
- Workshop on 3-7 March





Workshop Process

- Identify a number of best practices
- Narrow the long list to a few best practices through a systematic process considering stakeholder needs, resources, best fit, possible impact, value add, etc.
- Recommend best practice for piloting





Workshop Outcomes

Leadership Team – Zero Harm through Effective and Caring Leadership

- FOG Team - Examination and Making Safe
- Noise Team - LR90 and Electric Drills
- Dust Team – Fogging Systems combined with surfactants





Road Ahead

- Refine concepts and protocols
- Finalize adoption sites
- Climate surveys and needs analysis
- Establish baseline
- Implement by end of May
- Monitor and measure
- Project report after end of August
- Secondary adoption





Questions Arising from the Adoption Initiative

- Zero Harm or agreed benchmarks?
- What is in it for us?
- Will we be required to implement BP's?
- Why is the initiative being run by COM?
- Why is this initiative important?





Comments/Questions?

