Where to after Pike River?

AusIMM NZ Branch Conference
26 August 2013

MinEx is a national Health & Safety Council for the New Zealand minerals industry.

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MinEx History

- Formed in 2004 to develop guidelines to fill the gap left in 1992 by repealing of regulations

- Services offered:
  - Codes & guidelines
  - Safety statistics
  - Advocacy

- Current membership 47 companies

Current Board

Sector	#	Members
Aggregates	2	Tony Hunter, Brian Roche
Coal	2	Paul Hunt, Andrew Holley
Metals	2	Chris Baker(chairperson), Peter Atkinson
Industrials	2	Colin Morgan, vacant
EPMU	1	Ged O'Connell
Contractors	1	vacant
AusIMM	1	Les McCracken (CEO)
IOQNZ	1	Warwick Leach

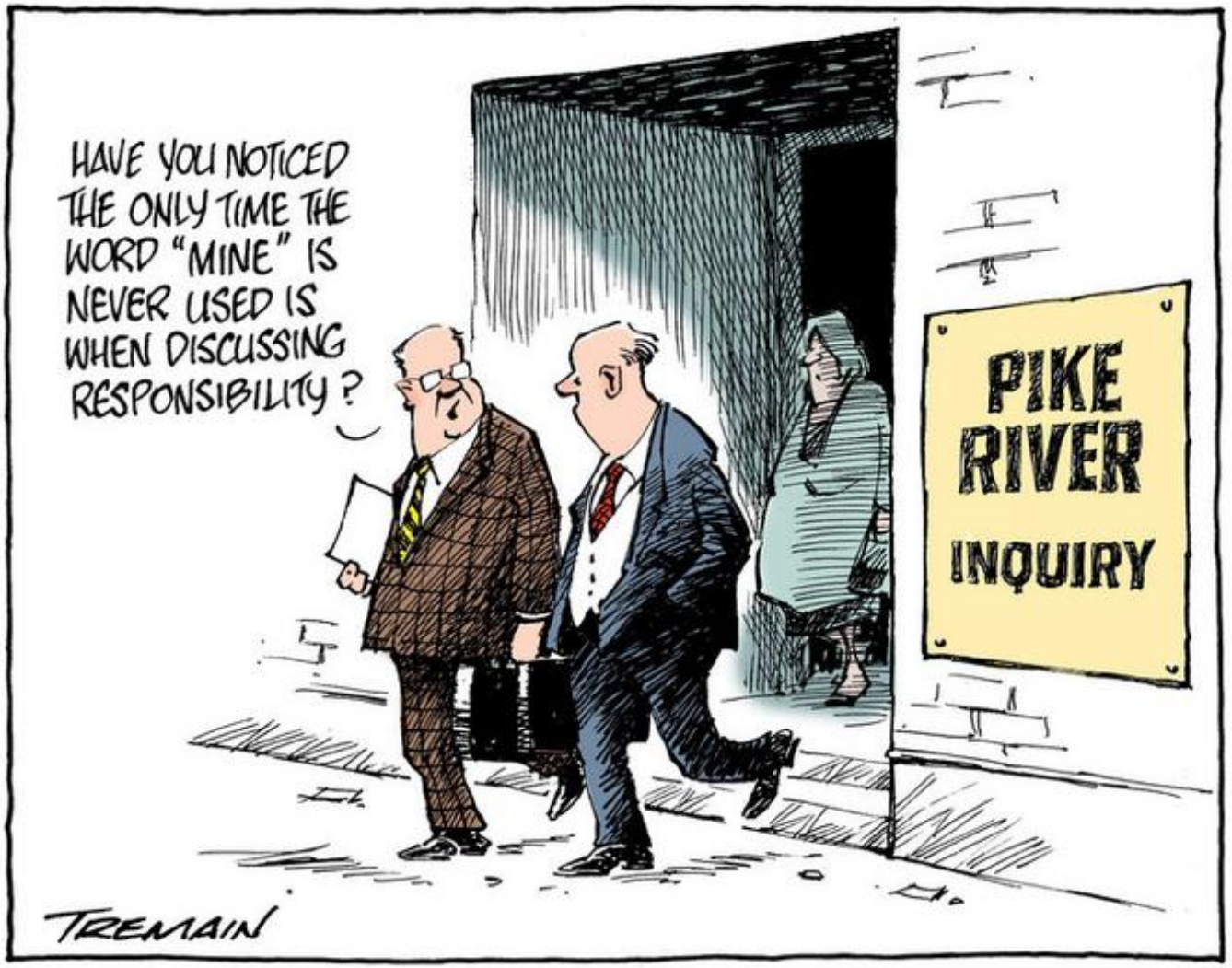
MinEx up to 2012

- No regulations = need for codes of practice & guidelines
- DoL not engaged with Industry = codes not developed
- Guidelines developed but Industry uptake was not measured
- MinEx services limited = no promotion of safety matters across the industry

MinEx Objectives & Scorecard to 2012

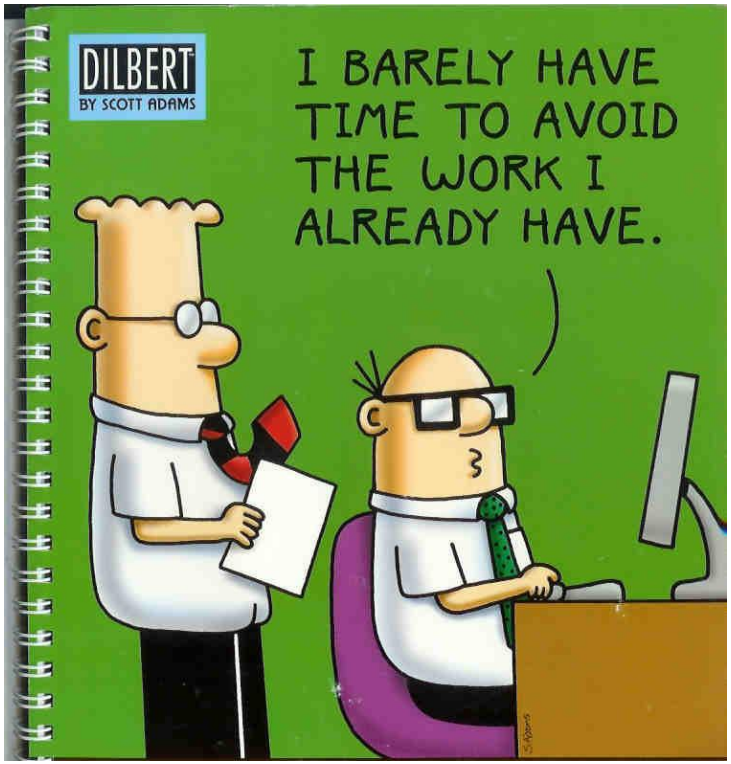
#	Objective	Scorecard (10)
1	Promote improvement in H&S	0
2	Provide meaningful Health & Safety information & resources	5
3	Industry advocacy on matters of H&S	5

2012 Pike River Royal Commission



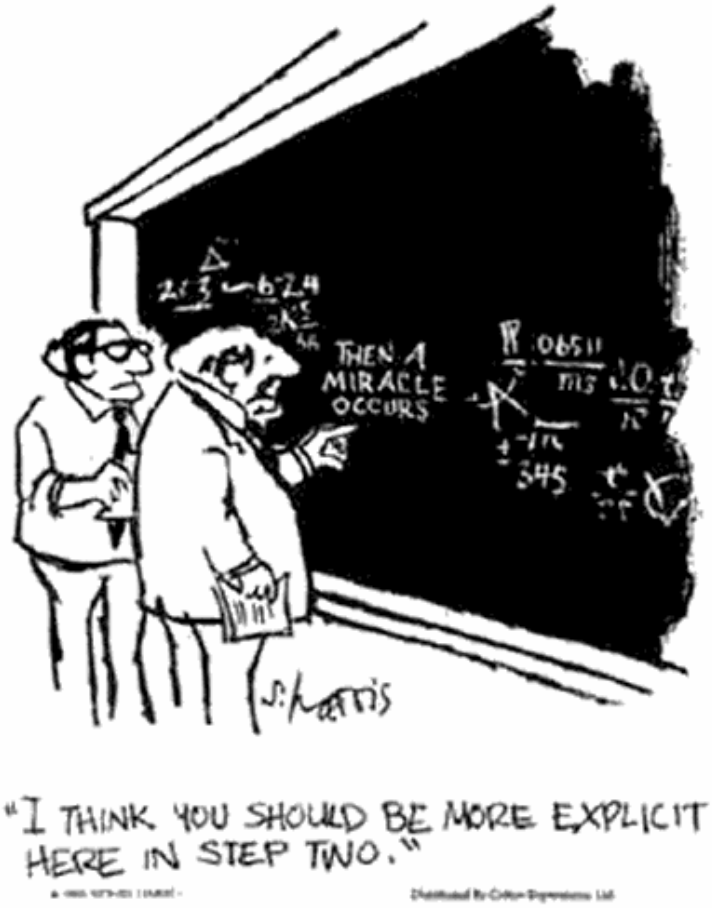
MinEx REVIEW 2012 - Findings

- Lacked a clear vision
- Inappropriate representation at Board level
- No clear goals
- No real Industry commitment



MinEx REVIEW 2012 - Solutions

- Improve COPs/guidelines & their use
- Do more with performance statistics
- Support/motivate/sanction industry laggards
- Advocacy for health & safety
- Consider moving to “Site-safe” model



The Future: Is there a role for MinEx?

- Codes of practice & guidelines are still required to support regulations

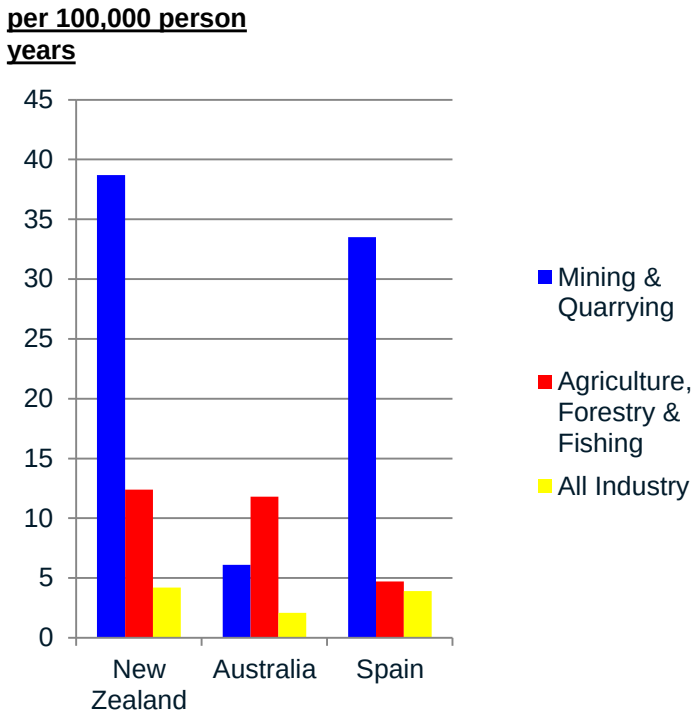
Codes & Guidelines

Priority	Code	Proposed Coverage				Timing
		U/ground coal	U/ground metal	Tunnels	Opencast / quarries	
1.	Guide to preparing a health & safety management system for small operations	✓	✓	✓	✓	2013
2.	Hazard management system	✓	✓	✓	✓	2013
3.	Ventilation	✓	✓	✓	×	2013
4.	Electrical	✓	✓	✓	×	2013
5.	Fire & explosion	✓	×	×	×	2013
6.	Strata management	✓	✓	✓	×	2014
7.	Emergency response	✓	✓	✓	✓	2014
8.	Spontaneous combustion	✓	×	×	×	2014
9.	Inundation	✓	✓	✓	×	2014
10.	Air quality & diesel particulate matter (DPM)	✓	✓	✓	×	2014
11.	Occupational Health	✓	✓	✓	✓	2014
12.	Roadways	✓	✓	✓	✓	2015
13.	Gas outbursts	✓	×	×	×	2015
14.	Mechanical engineering	✓	✓	✓	×	2015
15.	Explosives	✓	✓	✓	✓	2015
16.	Opencast mining & quarries	x	x	x	✓	2015

World & NZ Mining Industry Fatality Rates

- NZ mining & quarrying industry fatality rate = **6X** that of Australia
- NZ general industry fatality rate = **2X** that of Australia
- Both excluding Pike River

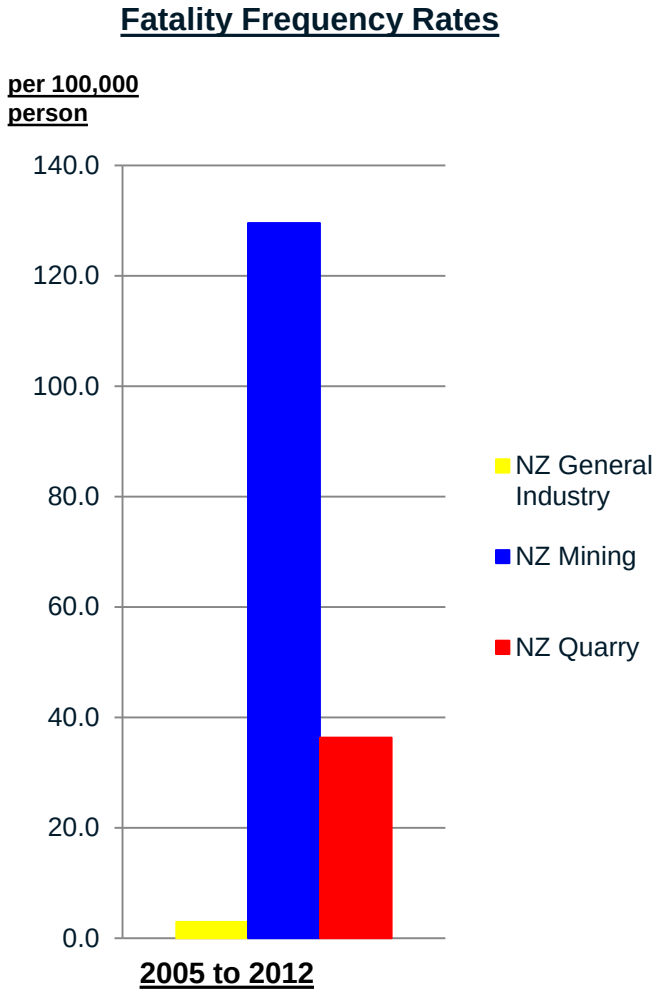
Fatality Frequency Rate 2005 to 2008



Commissioned report for the Independent Taskforce on Workplace Health and Safety

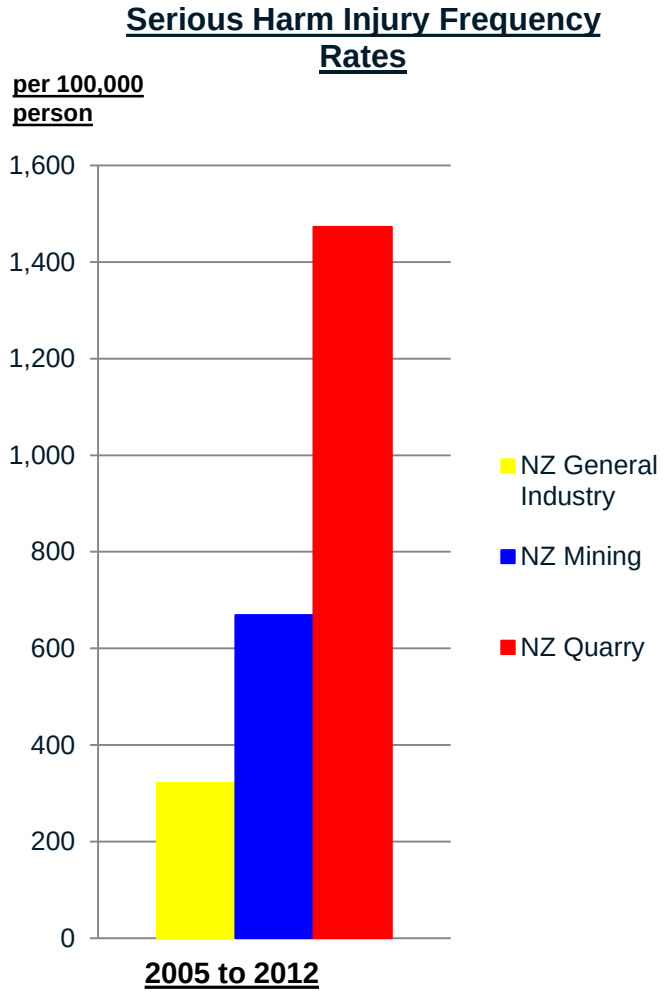
NZ Mining Industry Fatality Rates

- Mining (surface + underground including Pike River)
- fatality rate = **45X** that of general industry
- Treat Pike River as 1 incident then this reduces to **5X** that of general industry
- **Quarrying**
  fatality rate = **12X** that of general industry



NZ Mining Industry Sector Serious Harm Rates

- **Quarry sector**
  Injury rate = **5X** that of general industry
- **Mining sector**
  Injury rate = **2X** that of general industry
- **Quarry sector**
  Injury rate = **2X** that of Mining industry



MinEx Services Post 2013

- Industry agreed goals for safety improvement
- Develop better key performance indicators and makes these available to industry
- Continue partnership with MBIE & the new Govt agency - WorkSafe
- Offer services to lift the performance of poor performers:
  - Audit
  - Safety management systems
  - Safety training

Conclusion

Improvement through:

- Work-place culture change
- Improvements in safety management systems
- Improvement in the performance of our regulator.

How many new regulations is it going to take for you people to believe we're doing everything possible to keep our mines safe?
Just one.
Mine management offices must be located inside the mine

Questions?

MinEx is a national Health & Safety Council for the New Zealand minerals industry.
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