

On November 19, 2010

# This was not just about underground coal mines

- Little H&S leadership in company
- No verification the HSMS in place and risk management effective
- Training was deferred due to production requirements. Production was more important than worker safety
- Contractor Management was ineffective
- Workers “by-passed” safety devices
- There was inadequate regulator oversight



# H&S TIMESTAMP MAY 2018

- **Status of H&S legislations in the extractives sector**
- **Understanding the current approach of WorkSafe**
- **Where the industry sits at present**
- **Roadmap on upcoming developments to be prepared for**

# Regulatory framework

## 9 Dec 2013 – *Health & Safety in Employment Mining Operations and Quarrying Operations Regulations 2013*

- Quarries and alluvials excluded (except for CoCs)
- Model based on competency (Established CoCs and CPD)
  - CoCs - Gazette Notice 18 Dec 2014, effective 1 Jan 2015
  - CPD – Gazette Notice 15 Dec 2015, effective 1 Jan 2016
- Short time frame and acknowledgement that review would be necessary



# Regulatory framework

4 September 2015 – *Health & Safety at Work Act 2015*

- Modern risk based legislation
- Established primary duty of care on PCBU
- Defined engagement and worker participation
- Established increased penalties for breaches of Act



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# Regulatory framework

## 15 February 2016 – *Health & Safety at Work (Mining Operations and Quarrying Operations) Regulations 2016*

- Changes only to reflect HSAW Act
- Did not address serious issues Industry had been discussing with MBIE and WorkSafe



# Regulatory framework

## *Health & Safety at Work (Mining Operations and Quarrying Operations) Regulations review 2018*

- **New Regulations will be in place by Dec 2018**
- **Quarries/Alluvials may be included in Regulations**
- **Proposed changes to definitions**
- **Proposed changes to CoCs**
- **Proposed changes to Escapeways**
- **Proposed changes to Control Plans**
- **Workability issues addressed**





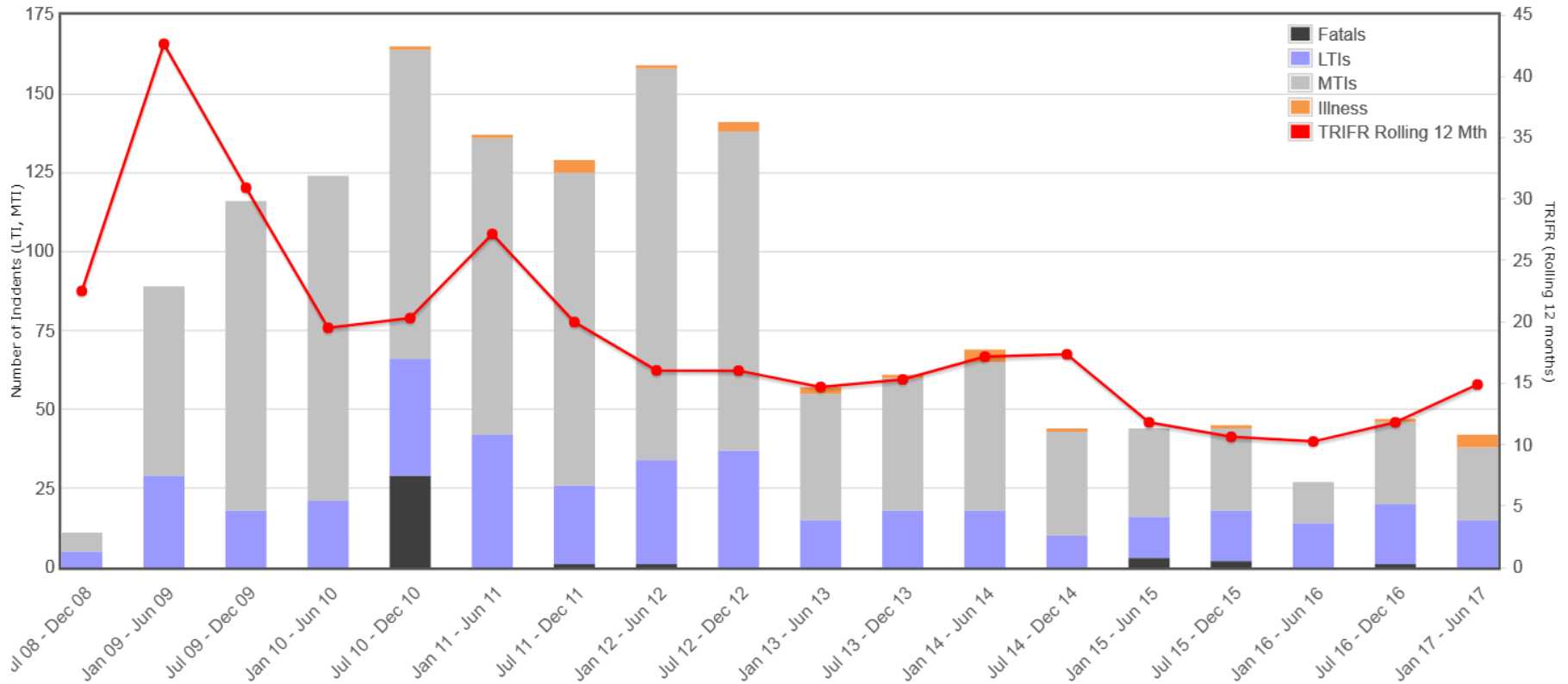
# What should you have in place today?

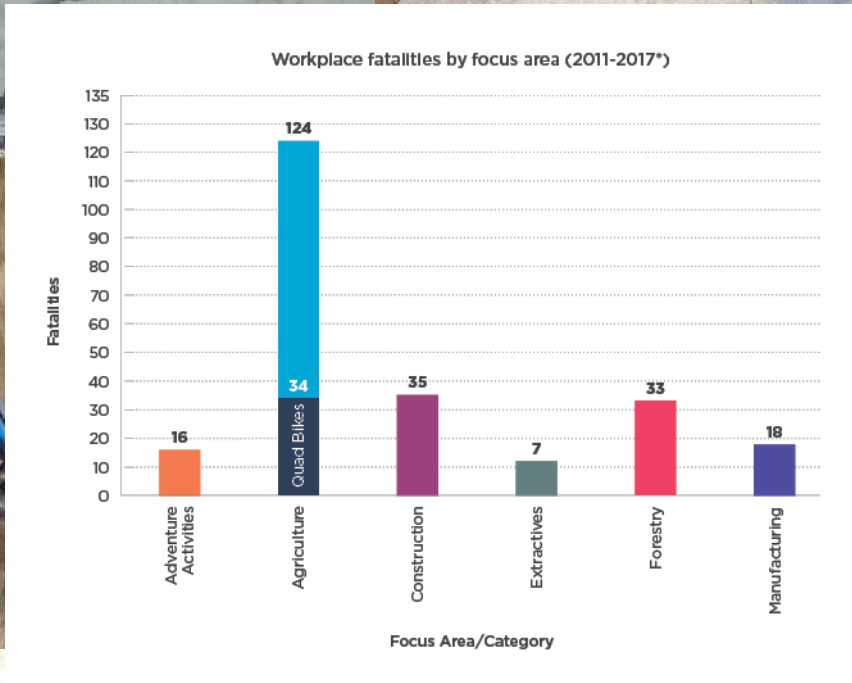
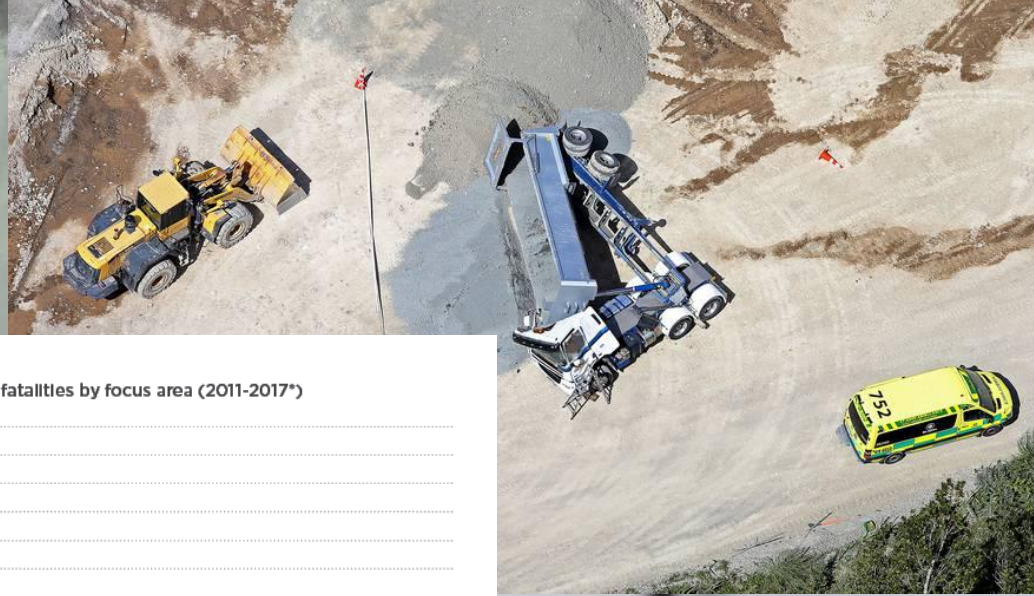
- Relevant CoC holder/s for mine
- Ongoing provision of CPD
- Site Senior Executive ( except for quarries and alluvials)
- Compliant HSMS
- Risk management practices and procedures
- PHMPs ( except for quarries and alluvials ???)
- Emergency Response Plan





# How are we performing?







# *How are we performing?*

- 763 CoCs for 1076 sites (71%)
- 284 part way toward CoC
- CPD being sought by majority
- Heightened awareness of HSAWA
- Tools developed to assist small operators
- Risk management practices and procedures in place
- Greater worker involvement



Fraser's Underground 2015/07/14



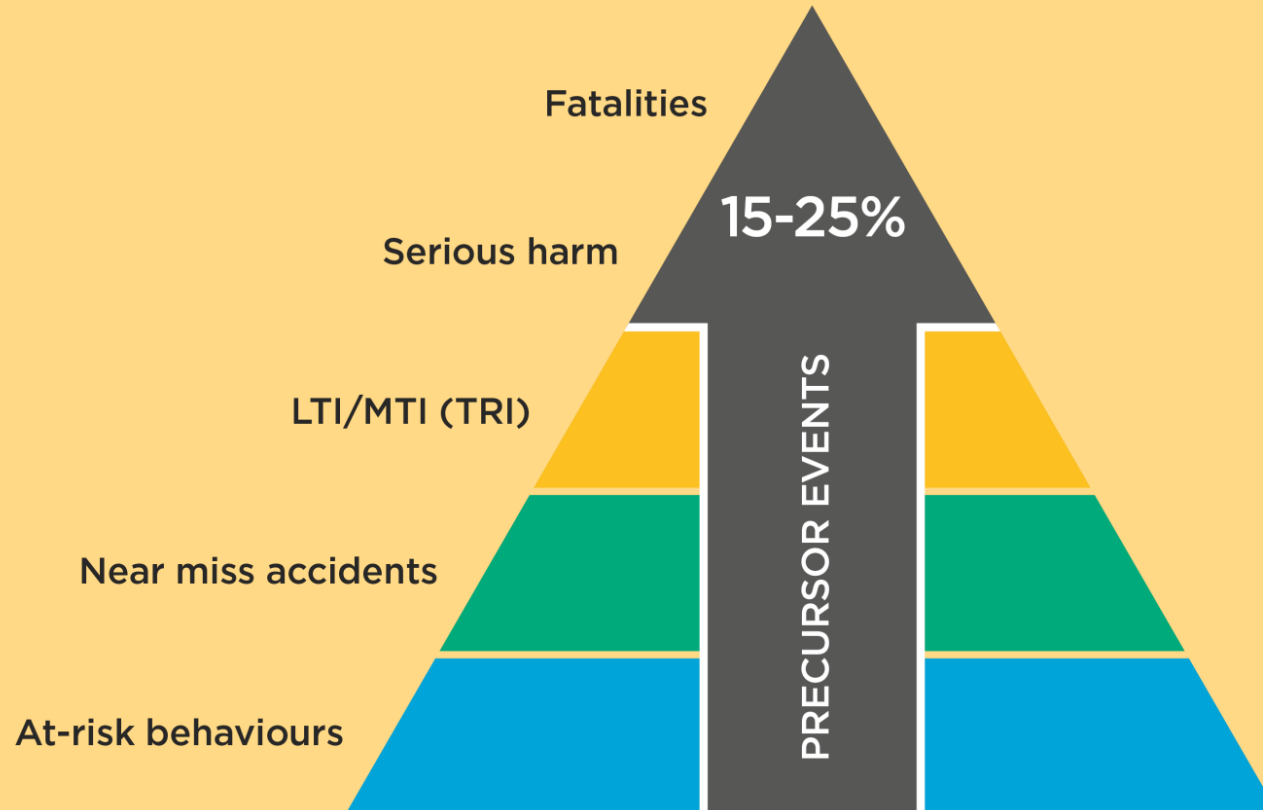
# WORKSAFE

## 2018 Focus – the 3 tenets of effective health and safety



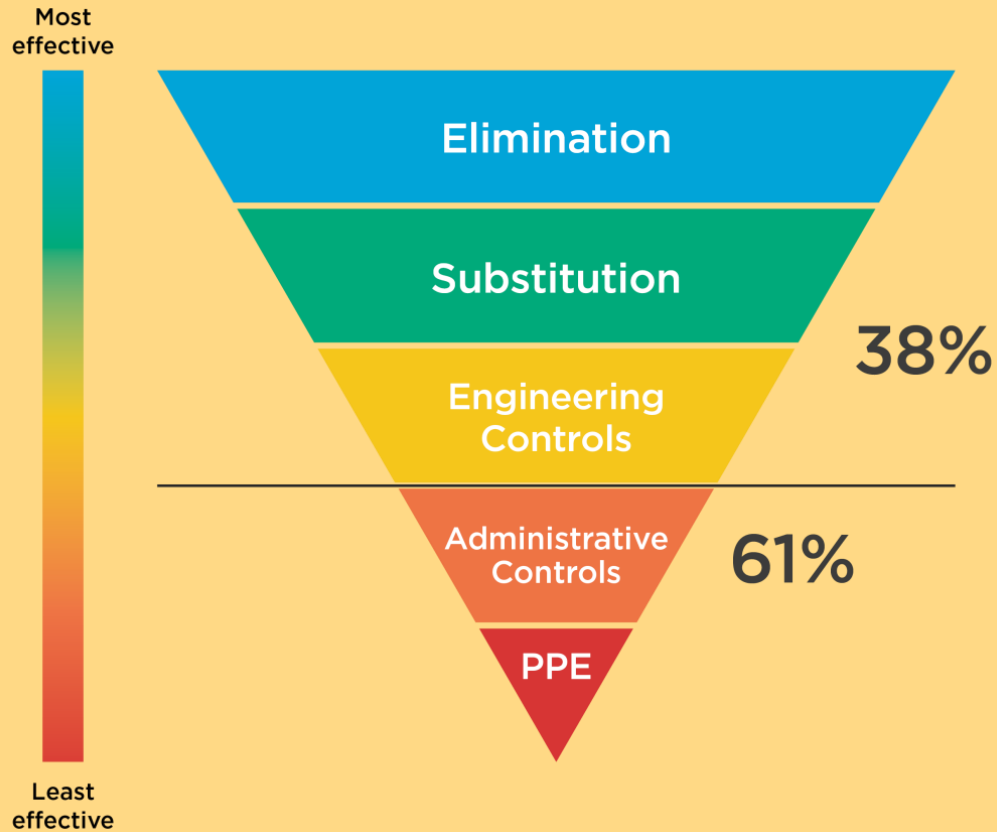
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## The enhanced Safety Triangle



# WORKSAFE

## Target interventions at effectiveness





## *What do WorkSafe Inspectors expect to see ?*

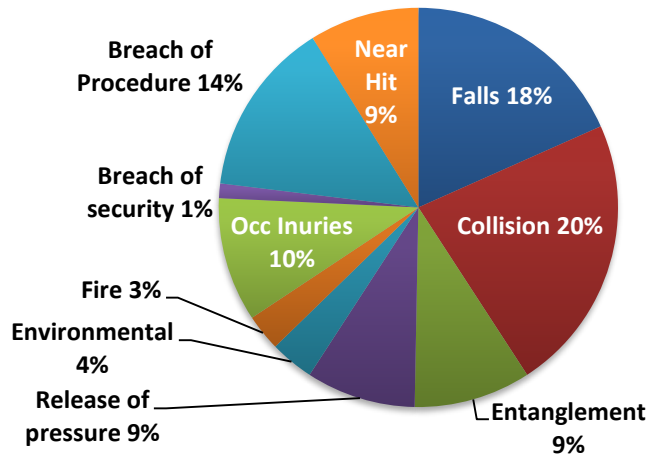
- Coc holders in statutory positions
- Processes for identifying hazards & managing risks
- Appropriate checks to ensure controls are working ( Workplace Inspections)
- Physical controls e.g. guarding, isolation, bu
- What you are doing with Worker Health


# Where are we headed?

- Increased focus on fatal hazards (“critical risks”) and precursors to events involving these
- Increased focus on Worker Health
- Additional resources in the Inspectorate, hopefully with industry knowledge and experience
- Stronger compliance approach where there has been a failure to act, or unsafe practices are witnessed by Inspectors
- Increased industry consultation, including worker involvement
- Deliberate breaches of the Act and Regulations to result in charges and heavy fines (This has already commenced)

# What are MinEx up to?


All operations - Incidents  
October 2017 to December 2017



**NZ Safety Alert** 

**Rock from tyre blow out hits excavator**

A dump truck was backed under an excavator while being loaded by the excavator. Once loaded the dump truck proceeded to pull away from the excavator at which time Pos 4 tyre (the tyre in position 4 on the dump truck) blew out ejecting a rock which smashed through the side window of the excavator. At the time, work was being done on haul roads at the site and it is believed that impact damage to the tyre may have caused the blow out.

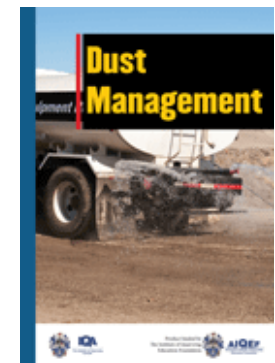


This incident highlights the need to be vigilant with tyre maintenance and the condition of site roads. We recommend that all sites review procedures, and practices, to ensure that:

- Procedures are in place to ensure regular checks and maintenance of tyres, including during pre-start checks
- Site roads are regularly maintained and are kept free of rocks and sharp objects that may impact on tyre wear
- Workers are trained in, and regularly reminded of, the potential results of tyre damage
- Regular workplace inspections are conducted to ensure compliance with the procedures listed above
- Review glass options in excavators, including consideration of laminated glass for all windows.

Let's work together to keep ourselves and our workers safe.

- *HSMS training for small operations*
- *Fit-for-purpose regulations*
- *Codes of Practice*







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