



Minerals Industry Safety Council

# MinEx – Safe Mines and Quarries

Les McCracken - CEO MinEx

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[les@straterra.co.nz](mailto:les@straterra.co.nz)

# Legislation change

2013:

- Amendments to the H&SiE Act 1992
- 2013 regulations in place
- Two approved codes completed

2014:

- Surface mine guidelines started
- Plans for 6 more codes
- Compliance required by 1 Jan 2015

# What are the prerequisites for best practice health & safety performance?

- Good, workable law
- An effective regulator
- Strong, visible leadership
- A robust level of capacity & capability
- Tripartism throughout the system
- Genuine & effective worker participation
- Incentives that promote good practice

# What are the prerequisites for best practice health & safety performance?

- High-quality data
- Occupational health is taken seriously
- Small businesses have easy access to useful information
- High-risk population groups are targeted effectively
- Major hazards are regulated effectively
- A workplace culture that is more risk aware

# The new MinEx – why?

- Consolidate on 2013
  - Assist with 2013 regulations compliance
  - Assist the Quarry/Alluvial sectors with change during 2014/15
  - Code & guidance development to support regulations
  - Performance improvements beyond 2015
  - 6 year business plan prepared for MinEx
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- Deliver value to members to build support
  - Support means continued funding beyond year 1

# The new MinEx – current status

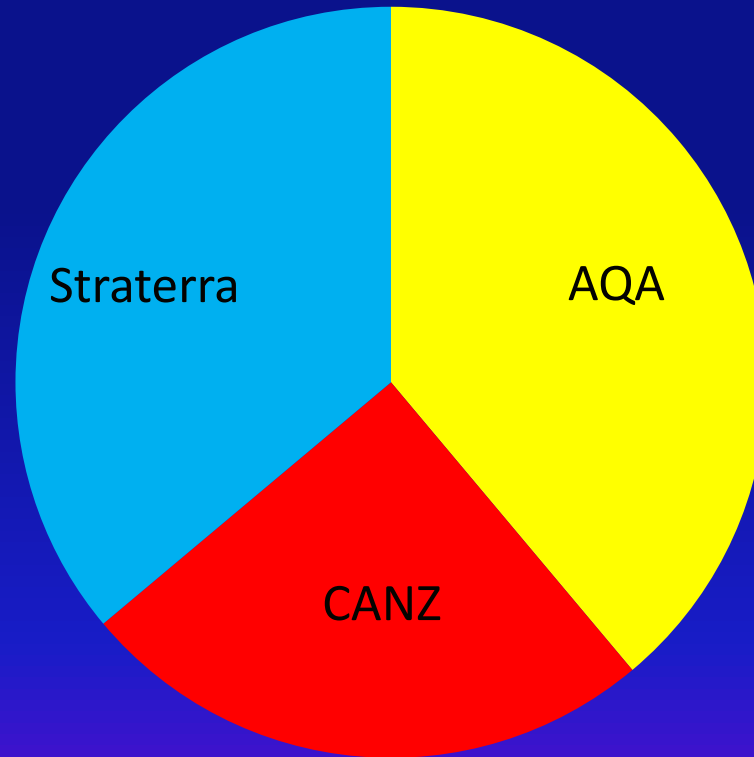
- New board
- Draft business plan agreed to allow work to start while the new structure was implemented
- New draft constitution developed
- Contract CEO retained
- AGM to ratify changes in September but operating now as if these were in place and assisted by legal advice to ensure compliance

# MinEx 2014 & beyond – goals

- ❑ Goal 1 - Reduction in fatality & injury rates by 2020:
  - Target fatality rate zero,
  - Target injury rate reduced by 25%
  
- ❑ Goal 2 - Legislation reform fit for purpose
  
- ❑ Goal 3 - Improve public perception of H&S in our industry

# MinEx 2014 & beyond - funding

## MinEx Funding 2014





# MinEx 2014 & beyond – Services

- ❑ Extractives industry qualifications review
- ❑ Code & guidance development
  - Ground control, Air quality, Worker health,
  - Survey, Inundation & Inrush, Spontaneous Combustion,
  - Hydro-mining, surface mine guidance
- ❑ Compliance assistance
- ❑ H & S performance improvement
- ❑ WorkSafe & the Inspectorate
- ❑ Extractive Industry Advisory Group
- ❑ H&S Reform Bill 2014 & it's associated regulations

# New safety critical roles

- Senior Site Executive
- Ventilation officer
- Electrical Superintendent
- Mechanical Superintendent
- Supervisor

All mining operations will require a Senior Site Executive and a Manger but not all will require the other roles.

# Senior Site Executive appointment

- Required for all mining operations & appointed by the Mine Operator
- May manage more than 1 mining operation
- Requires a CoC but not until 1 Jan 2016
- Must have been appointed by 1 July 2014

# Senior Site Executive role

The SSE role is very important & has a number of responsibilities:

- ❑ Appoints other safety critical roles (reg 26 -32)
  - Electrical & Mechanical Superintendent, Mine Surveyor, Ventilation Officer, Underviewer, Deputy, Supervisor & other workers required to hold CoCs
- ❑ Develop, implement, & maintain the H&SMS (reg 53)
- ❑ Ensure a risk appraisal is completed -hazard ID(reg 54)
- ❑ Ensure risk assessments are completed (reg 55)
- ❑ Ensure risk appraisal & assessment used to develop, implement & maintain the H&SMS
- ❑ Audit & monitor the H&SMS - how effective is it?(reg 57)
- ❑ Carry out review of the H&SMS– 12 months then 3 years (reg 58)

# Senior Site Executive role

- ❑ Carry out reviews of the H&SMS– before a significant change is made, after a notifiable accident, if audit shows a problem, if site H&S representative requests it and others -(reg 59)
- ❑ Consult workers on the H&SMS in preparing & reviewing (reg 60)
- ❑ Identifying principal hazards & have PHMPs(reg 66)
- ❑ Review & revise PHMPs - once every 2 years & following various other matters (reg 69)
- ❑ If ground instability is a principal hazard must ensure a geotechnical assessment is completed to design support (reg 71)
- ❑ During inundation & inrush risk appraisal ensure review by a suitable expert (reg 73)
- ❑ Ensure a reassessment of stability of a pond, tip or void is carried out every 2 years, if a new tip, void or pond is created, if construction deviates from design (reg 82)

# Senior Site Executive role

- ❑ Ensure a review of any determination that there is no sponcom potential every 3 years (reg 88)
- ❑ Ensure that Principal Control Plans are in place if required (reg 92)
- ❑ Ensure that Principal Control Plans are reviewed & revised every 2 years & if triggered by certain conditions (reg 94)
- ❑ Ensure that the Emergency Management Control Plan is tested, workers trained, training is recorded & Mines Rescue & emergency services have the Plan (reg 106)



Which is the quarry?

