



SCC Refresher Training Project Highlights

Tom Welton
Director, Health and
Safety Services,
Education Programs
Workplace Safety North

Allison Roy
Writer
Workplace Safety North

Agenda



- Top 10 Risk in Underground Mining
- SCC Refresher Stakeholder Input
- Results
- Development Process
- Survey Results
- Program content
- Next Steps

Top 10 Health and Safety Risks in Underground Mines

Interaction with mobile equipment is top risk

As identified by workers, supervisors, and employers in the Ontario mining industry through a Ministry of Labour, Immigration, Training and Skills Development-facilitated risk assessment workshop in partnership with Workplace Safety North.



1. Interaction with mobile equipment - collision with other equipment (large vs small) - traffic control



6. Exposure to airborne hazardous substances



2. Interaction with mobile equipment and pedestrian



7. Interaction with mobile equipment - collision with infrastructure (conveyors, towers, etc.)



3. Adoption of new technology: Battery electric vehicle fires or explosions injure workers or mine rescue personnel



8. Inadvertent contact with stored energy



4. Worker suffers manual handling or repetitive strain injury



9. Hearing loss



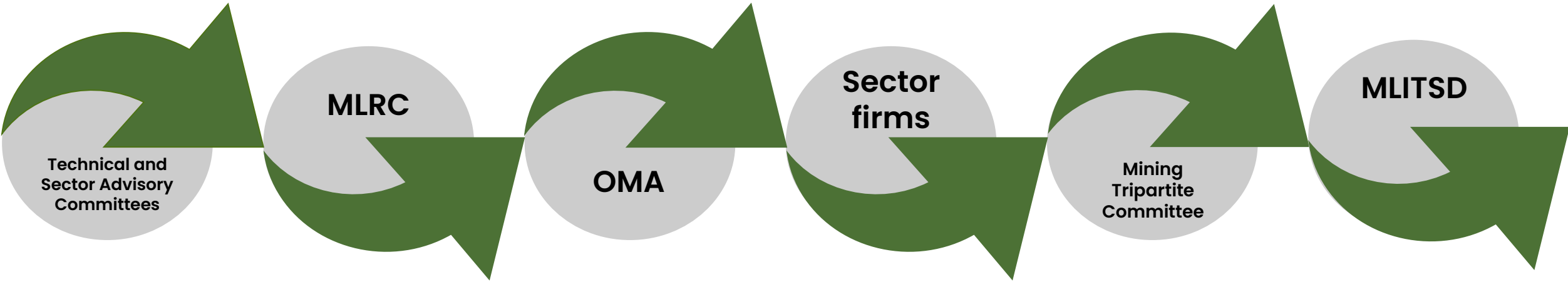
5. Ground control failure causing injury



10. Major fire underground from mobile equipment

For more information, please contact your WSN Health and Safety Specialist or visit workplacesafetynorth.ca

SCC Refresher Stakeholder Input



Input Results

Discussions/input identified the following:

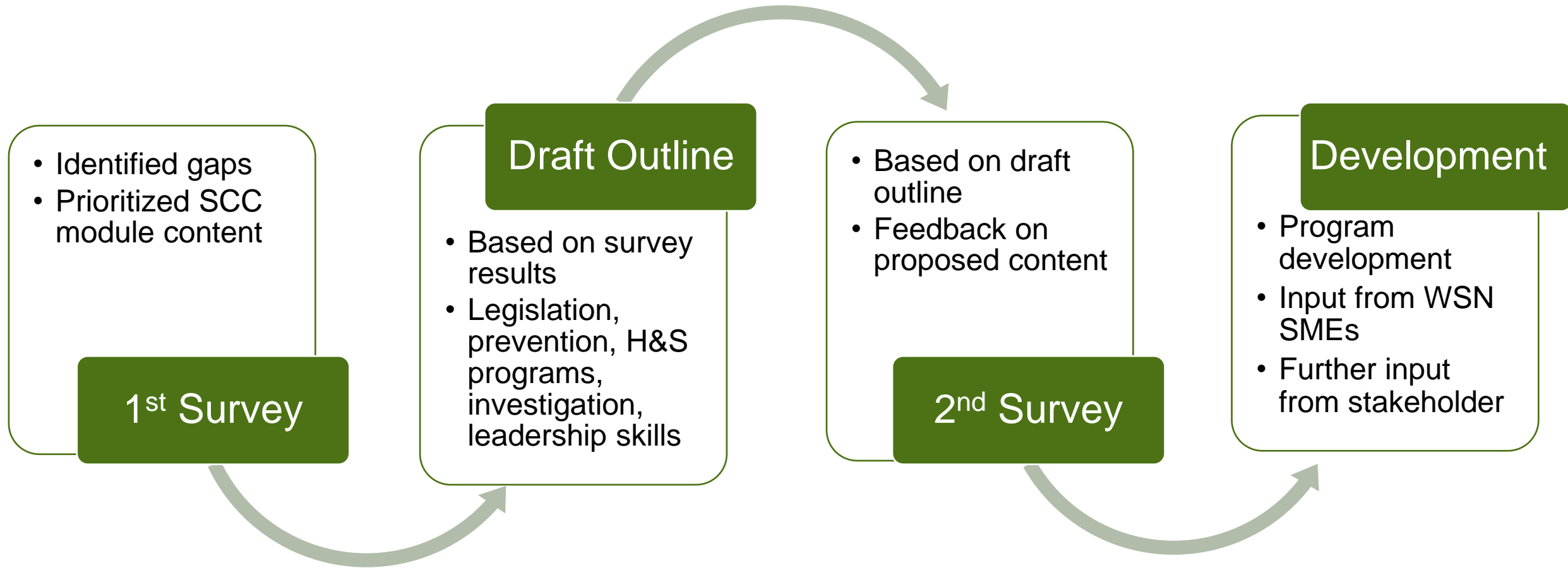
```
graph TD; A[Discussions/input identified the following:] --- B[Beneficial training for supervisors]; A --- C[Legislative changes, industry advancements]; A --- D[New best practices, evaluation showed gaps from previous training];
```

Beneficial training
for supervisors

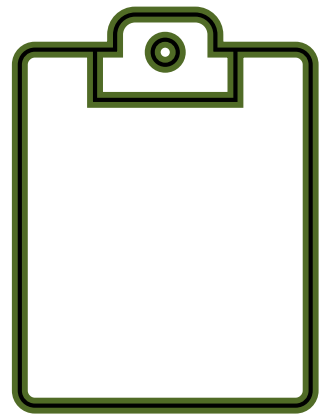
Legislative
changes, industry
advancements

New best practices,
evaluation showed
gaps from previous
training

SCC Refresher – Development Process



1st Survey – Results



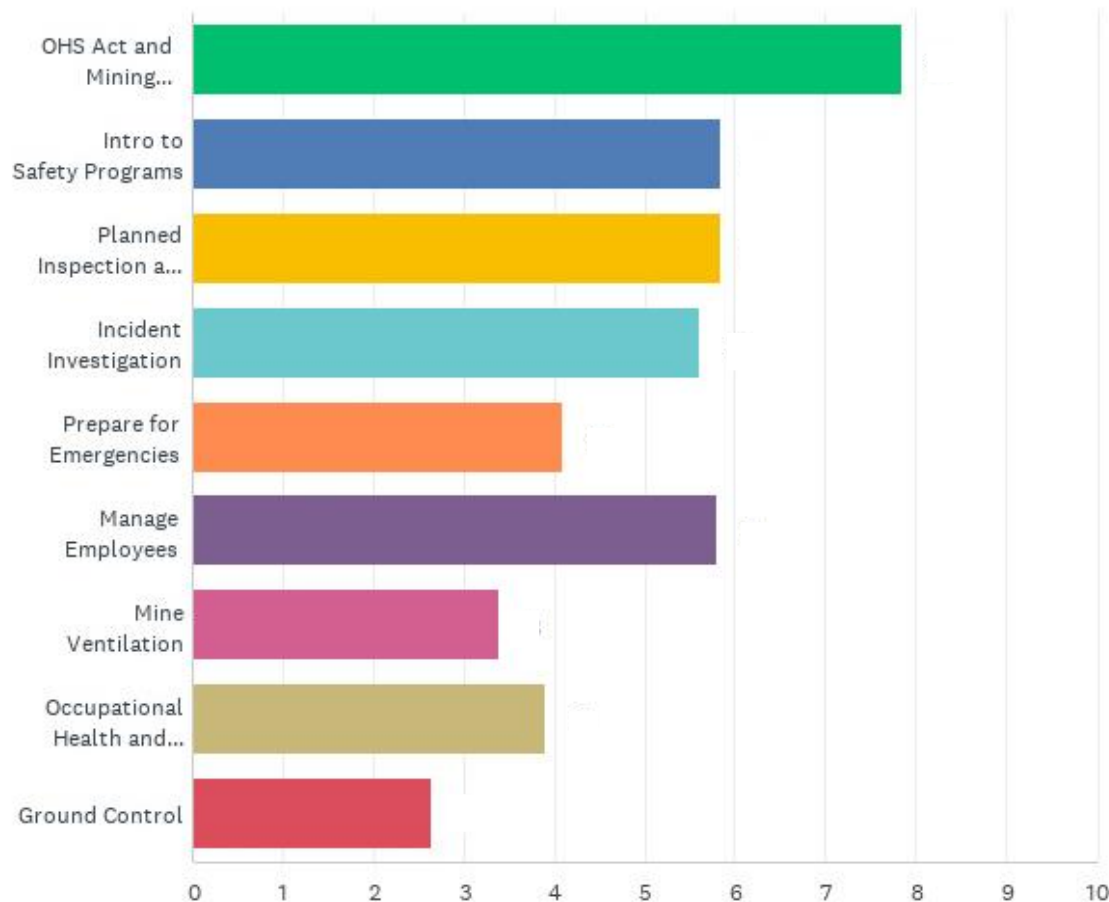
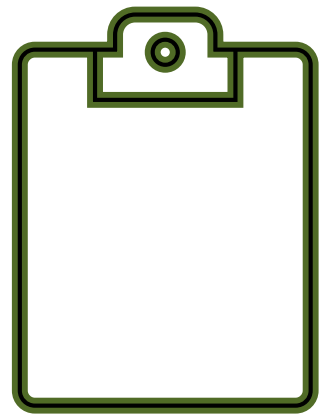
Focused on key areas of interest/need for supervisors based on Top 10 Health and Safety Risks in Underground Mining.

Q1. Based on the 2023 Top Ten Risks, what components from the SCC suite of programs is most important (to include in the Refresher training)?

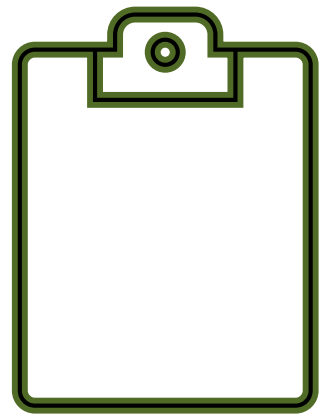
- Practise Effective Communication, Manage Employees, Duly Diligent Supervisor, OHS Act and Regs, mobile equipment contact, Follow Safety Program
- New technology
- Include a component of all modules

1st Survey – Results

Q2. Please rank the following (programs) in order of relevance for the refresher course, with one being the top.



1st Survey – Results



Q3. Please provide us with any additional thought/feedback/comments.

- Better Supervision
- Prevention followed by intervention
- Manage Employees, planned inspections and observations, supervisor due diligence
- Start with OHS Act and Regs, conclude with Manage Employees
- Cover related updates for the sector and supervisor role

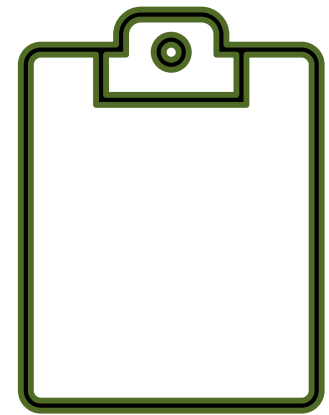
Draft Outline

| |
|--|
| <p>Draft SCC Refresher course outline</p> <p>Preface</p> <ul style="list-style-type: none">• Notes for the Instructor<ul style="list-style-type: none">• General Recommendations• Knowledge Evaluation information• Classroom Consideration<ul style="list-style-type: none">• In-class Consideration• Virtual Learner Considerations (hybrid)• Proposed plans to transition program to an e-learning format• Using the Leader Guide• Using the PowerPoint Presentation• Course Equipment and Materials <p>Section 1: Introduction</p> <ul style="list-style-type: none">• Introduction (Housekeeping, etc.)• About WSN• About This Course – Brief summary of the SCC training, brief description of course content• Activity: Questionnaire/Ice Breaker (Self-reflection, knowledge/experience, changes in the workplace since SCC training)<ul style="list-style-type: none">• Discussion/share• OHS Act and Reg. 854<ul style="list-style-type: none">• What's new• A Supervisor's Role – What is the job of the supervisor, what are their responsibilities• Due Diligence• Video: Safety is personal – An employer's story: https://www.youtube.com/watch?v=x9WthTBEKsw&t=1s&ab_channel=WorkSafeBCDiscussion• Activity: Using the Greenbook (elaws) <p style="text-align: center;">8</p> <p style="text-align: center;">Workplace Safety North</p> |
|--|

Draft Purposed Outline

- Seven sections
- OHS Act and Reg. 854 updates, supervisor responsibilities, due diligence
- Risks/hazards (the top mining risk assessment/root cause analysis of primary risks)
- Prevention, Follow Safety Programs, Incident Investigation
- Leadership skills, culture, management skills

2nd Survey – Results



Feedback on draft outline sections, including the following:

| | |
|------------------------------|---|
| S.1: Introduction | Emphasis on supervisor responsibilities/due diligence; Legislative update (OHS Act/Reg. 854); Ice Breaker/ video |
| S.2: RA/RCA | Content re: work refusals; Difference between hazard/risk |
| S. 3: Risk Prevention | Employer obligations, re-allocate time; Good to see risk prevention/elements of H&S program, leadership and culture |
| S. 4: Incident Investigation | Steps involved when critical incident occurs; More time on RCA |
| S. 5: Workplace Culture | Focus on legislation; Good to see this as a section. Culture is key. |
| S. 6: Summary | Individual quiz; Scenario based activity |
| S. 7: Resources | Keep high level; Navigation of WSN website; Further resources |

Overview of Program Content

OHS Act, Legislative updates, e-Laws

Supervisor skills/ responsibilities, due diligence

Conducting Risk Assessments, RA/RCA results, utilizing hierarchy of controls

Health and Safety programs, workplace inspections, workplace hazard profiles, SOPs

Incident investigations, process (steps 1-6), Loss causation model

Leadership and safety culture, communication, mental health, managing employees

Next Steps

WSN

- Advancement of technology into program materials (QR Codes, DEI, Mental Health, Workplace Culture)
- Development into hybrid Learning
- Advancement into e-learning

Stakeholders

- Presentation of developed content
- Pilot session, course evaluation
- Continuous feedback/input



- Questions?
- Comments?
- Feedback?



Thank you

info@workplacesafetynorth.ca

workplacesafetynorth.ca