



# FIVE SAFETY CULTURE IMPROVEMENT STRATEGIES

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### **Outline**

- Background
- Safety culture
  - Models and dimensions
- Improvement strategies
- > Conclusions





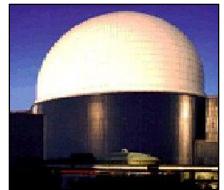
## **Cross industry collaboration**











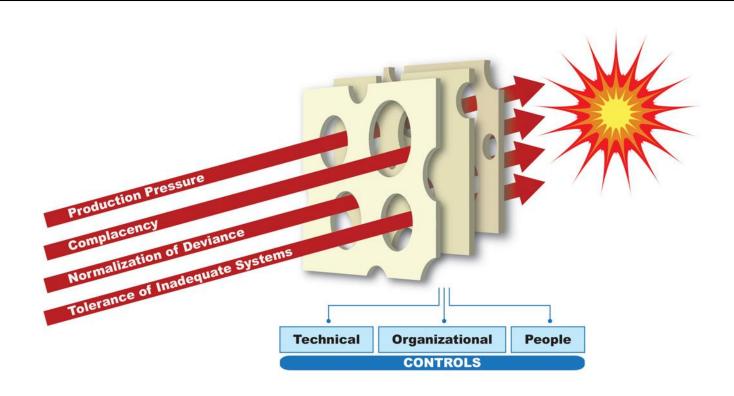








## Safety culture threats







## **Safety Culture Definition**

"Safety culture is the product of individual and group values, attitudes, competencies and patterns of behaviour that determine the commitment to, and the style and proficiency of an organization's health and safety programmes." (Advisory Committee for Safety in Nuclear Installations, 1993; p. 23)





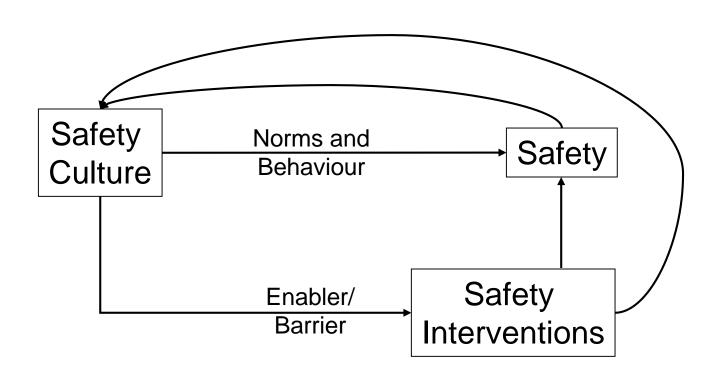
# Failure resistant organisation

- Preoccupation with failure
- Employee report errors and problems
- Develop deep understanding of problems and issues
- Decentralised decision making
- Seek employee concerns





# **Culture and Safety**







## **Model of Safety Culture**

Communication

Usually industry-specific

Can include a wide range of factors

**Priority for** safety **Employee** Leadership Involvement Learning





## Five improvement strategies

- 1. Leadership
  Safety leadership skill development
- 2. Priority for safety Worksite visit program
- 3. Employee Involvement
  Employee led safety initiatives to promote intrinsic motivation
- 4. Learning
- 5. Communication





## 1. Safety leadership skills

- Understand their role in creating and maintaining a positive safety culture
- How to talk to employees about safety
- Able to recognise safe and unsafe work practices
- Understand the complex nature of accident causation
- Appreciate their leadership strengths and weaknesses



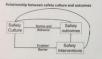


## 1. Safety culture education

#### Safety culture sheets

Safety culture overview

improvement (sheet 3). There is good evidence that safety culture is related to important safety outcomes



the underlying cause of the Chernobyl nuclear disaster. one for every alleged expert. In Canada the following definition of safety culture has been used by the NEB, beliefs, which a particular group of people shares with respect to risk and safety\*\*\*. This definition highlights the shared nature of safety culture and that it includes safety attitudes. While this is not the only definition or the most comprehensive, it is consistent with the examples of organizations with a low injury rate, but a interchangeable with safety culture. Safety climate is a

poor safety culture, which resulted in a major disaster ubset of safety culture and refers to employee and not rely solely on safety outcomes. There are many perceptions of the relative importance managers' place ways of assessing safety culture and current best n safety. Over time, safety culture has come to practice recommends the adoption of a multi-m

models look very different, there is significant overlap

with more dimensions. There is no ideal or best model,

has led to confusion. There is a risk that safety culture will turn into a catchall for all aspects of safety.

practice these terms have added little value and are

weaknesses. It is dangerous to assume that a low injury rate means the culture is positive. Sadly there are many

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Safety cultur
There is no easy or simple way to create a positive safety culture, as it evolves over time and is a reflection of the true values of the organization. It is generally agreed that safety culture improvement is driven by senior leaders (see sheet 2 on leadershol). The popularity of safety culture has resulted in the
proliferation of interventions purporting to create a positive culture (see table below). While some of these interventions may improve specific safety issues there is no published evidence that any single intervention can create a positive safety culture.

Leadership training	Supervisors managers	Provides leaders with the skills to demonstrate commitment to safety
Behavior modification		Involves employees in safety and rewards working safely
Hazard spotting	Frontline employees	Involves employees in safety and provides opportunity to show commitment to safety
Manager vorksite isits	Managers	Provides a structured process for mangers to show concern for safety and learn about safety challenges faced by employees.

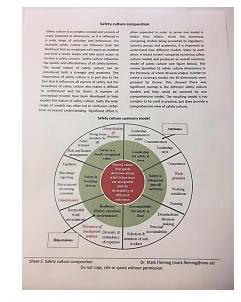
Creating and maintaining a positive safety culture is a tinuous and ongoing process that takes effort. Organizations should adopt a systematic approach to modifying the standard safety management systems Specifically this involves creating a shared vision for the to promote the desired culture, assessing the culture on in ongoing basis, auditing safety culture processes and an organization is not actively promoting a positive afety culture, then it is very unlikely to maintain a



organization is working towards. This vision statement is ontinuously strive to improve. It should be a statement that all employees can read and agree that this would be a good culture to have. The creation of this statement should be an inclusive process that enables as many people to contribute as possible. This

culture requires everyone to fulfill their specific responsibilities and accountabilities of key groups (e.g. maintaining a positive safety culture. It is useful to on composition) that lists the key elements of safet esired culture, specifying responsibilities of key groups culture to identify key responsibilities. The following is a to create this culture, putting plans and actions in place list of common responsibilities for key groups. This list is generic and not exhaustive but provides a starting poi to create an organization specific list.

- Monitor safety performance.
- Allocate resources for safety programs.





## 1. Developing leadership skills

#### Multi-method safety leadership development

- Education
  - Attributes of an effective safety leader
- Skills practice
  - Role play exercises
- Mentoring
  - One on one coaching from more effective safety leader
- Goal setting and feedback
  - Safety leadership targets





# 2. Priority for safety (worksite visit program)

- Communicate concern
  - Manager needs to demonstrate to employees that they are concerned about their personal safety
- Understand worksite conditions
  - Need to observe worksite safety conditions, including levels of employee engagement
- Capture and share results
  - Need a systematic process to capture findings





## 3. Employee involvement

- Peer to peer observation
  - Employee's decide the name and key behaviours
- Supported by management
  - Provide training and time to perform observations
- Broad involvement
  - Needs to be attractive to all employees





## 3. Employee involvement

- Non-work safety behaviour predicts at work intrinsic safety motivation
- Enhance intrinsic safety motivation by:
  - Educating workers about non-work hazards and mitigation strategies
  - Providing resources to promote the adoption of non-work safety practices
  - Not adopting a punitive approach





## 4. Learning from incidents

- Focus on understanding and learning not on causation
- Adopt a system based investigation process (e.g. learning tree)
- Engage frontline employees in the process as equal partners
- Understand why the failures occurred, other areas of vulnerability and how future failures can be prevented





# 4. Close call reporting system

- Design (or revise) a close call reporting system that is:
  - Easy to use
    - Requires minimal effort to make a report
  - Safe
    - Employees are confident that the report will not be used to punish themselves or others
  - Effective
    - The report will result in meaningful change





## 5. Communication

- Design safety communication to meet employee needs and expectations.
- Seek critical feedback from employees
- Adopt a marketing strategies to safety communication
- Involve employees and communication specialists in the process
- > Allocate adequate resources





### Conclusions

- Safety culture is an important determinant of safety performance
- A positive safety culture takes continuous effort, it is a journey not a destination
- There are a wide range of strategies to promote a positive safety culture
- I have shared some strategies that are designed to promote a positive safety culture



