

What works best at improving mine worker safety and why does it work

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Why?

Industry not plagued by new injuries but rather finding effective solutions to existing problems

- Sprains and strains
- Serious traumatic injuries
- Noise induced hearing loss





Drivers and Motivators for programs

- 1. Employer's enlightened self-interest
- 2. Information on hazards and controls
- 3. Injury costs and workers compensation
- 4. Worker or Union pressure
- 5. Legislation and Regulation

also Litigation!!

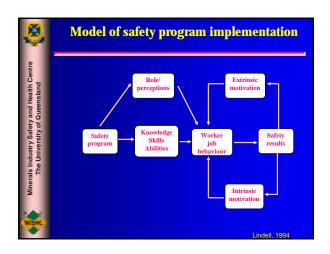


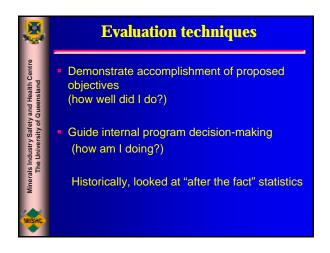


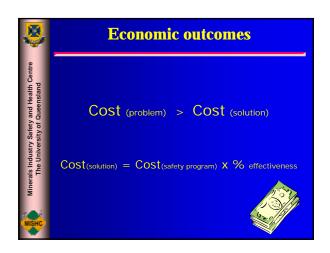
Worker Safety Motivation

- Safety climate of an organisation
- Task feedback
- Workgroup norms
- Organisation control systems

Determinants of actions - Knowledge - Skills - Abilities - Abilities - Abilities - Define what people are capable of doing - Capable of doing - Different sources - Balance safety and production

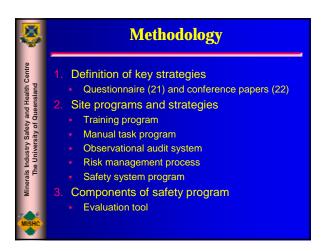


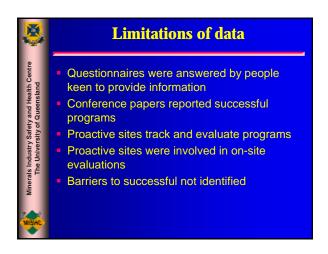




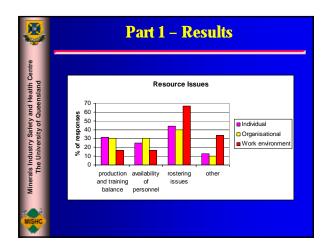


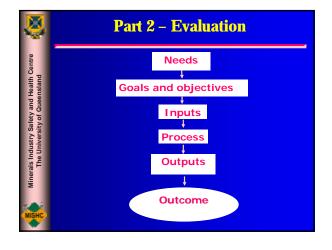


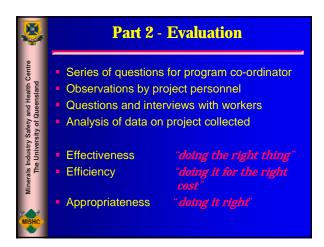












.	Part 2 - Results			
Minerals Industry Safery and Health Centre The University of Queensland	Program	% effectiveness	Cost of program	Cost of solution
	Observational audit	70	\$10 500	\$15 000
	Risk management	80	\$22 500	\$28 125
	Safety system	70	\$ 18 500	\$26 428
inerals I	Training - legislative	95	\$40 000	\$ 42 105
Σ 	- informed workforce	<50	\$40 000	\$>80 000
MISHC				

