

ACARP – Accepting the Safety Challenge

- ACARP
- Safety Component
- The Challenge
- New Direction
- Conclusion

ACARP – Accepting the Safety Challenge

ACARP

- Australian Coal Association Research Program
- 1992 – 2003
- Collaborative Research Program Unique
- Levy on Production
- Industry led strategy/direction/management
- Annual contributions about \$12 million
- Committed about \$110 million on > 670 projects

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➤ General Principles established by MOU

- providing strategic leadership to industry R&D and to act as a catalyst to stimulate R&D interest within the coal and associated industries;
- improving the management and application of coal research in Australia;
- ensuring the more effective use of Australia's black coal resources;
- increasing the economic, environmental, safety and social benefits to the industry and wider community;

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➤ Key successes in all areas including

- world ranking geomechanics status
- world ranking in dragline innovation
- world ranking in coal beneficiation
- world ranking in geological/geophysical technologies
- world ranking in attention to environmental issues
- strong support to Australian coal marketing
- development of mine site based greenhouse gas mitigation options

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Safety Component

- OH&S important element of ACARP funding
- Specific content not simple to extract
- Safety and Production interrelated
- 25% funding towards OH&S
- Emphasis towards Safety
 - Strata Control
 - Gas Management

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➤ 20% NSWMC Safety Technical Papers - ACARP

- Potential Stereotypical Control Errors Jim Joy
- Optimisation of Stone Dusting David Humphrey
- Fatigue Risk Management Carmel Bofinger
- Manual Task Controls Robin Burgess-Limerick
- ARRB Fatigue Risk Nick Mabbott
- Site Level Sustainability and Treat Analysis Tool Jim Joy

The Challenge

- Early experience
 - low level of induction training
 - attention to protective clothing
 - pre-employment and periodic medical examination
 - reliance on understanding and compliance with mining legislation
- Have come a long way

New Direction

- Emphasis needs attention to occupational health issues
- Technology advances can
 - improve machines
 - increase electronics controls
 - refine processes, etc.
- Operator demands are more sophisticated

Conclusion

- We have to expand our horizons
- ACARP is a powerful facility



**QUEENSLAND MINING INDUSTRY
Health & Safety
CONFERENCE 2003**

Accepting the Challenge

6.30pm **Poolside Buffet Dinner**

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