



## Health and Safety Trust invites applications for innovation in mining

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3 May 2016 – Sydney

Workplace health and safety is an on-going concern for the coal mining industry. With ever-changing technology, work practices, health trends and environmental concerns, research and development continues to play an integral role in keeping our workers safe and healthy.

The Health & Safety Trust supports the Australian coal mining industry by funding projects and research that will have a positive effect on the health and safety of coal mine workers, operators and the wider mining community.

The Trust is now inviting applications for grants to fund initiatives designed to improve the health and wellbeing of coal mine workers. Researchers, mine owners/operators, industry workers and suppliers are encouraged to apply.

### Priority areas for the Trust are:

- Mental health
- Diesel particulates
- Musculoskeletal disorders
- Vibration
- Noise
- Fatigue
- High pressure oil injection injuries
- RSI prevention, treatment and management
- Dust

### Recently completed projects funded by the Trust include:

- Mines Rescue, Gas Detection and Emergency Preparedness manual
- Data Analysis reporting framework for dust sampling data base
- Calibration of portable raw exhaust diesel particulate analysers
- Whole body vibration tool
- Diesel particulate correlation analysis between specific analytical techniques
- Development of a high-resilience underground heterogeneous wireless mesh network
- A UAV communications platform for Mines Rescue operations

### Current projects in progress:

- Improving footwear for underground miners
- Partners in Mining – supporting depression in mining
- Evaluating virtual reality training on rescue brigades competency
- Development of an unmanned aerial vehicle (UAV) – Mines Rescue
- Periodic musculoskeletal screen to identify risk trends
- Respiratory protection (are our standards protecting worker health or providing a false sense of security?)
- Establishing a bone fide physical assessment and performance standard for Mines Rescue personnel in NSW
- Zero harm positive safety culture by applying mindfulness based high-performance,

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- thinking strategies
- Diesel-free environment for underground coal mines
- Assessing whole-body vibration
- Mine emergency response system demonstrator

Please visit [www.hstrust.com.au](http://www.hstrust.com.au) for further information or to download an application form.

Expressions of interest close on **20 May 2016**.  
Please visit [www.hstrust.com.au](http://www.hstrust.com.au) for details.

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**For more information please contact:**

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## **About the Health & Safety Trust:**

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The Health & Safety Trust (the Trust) was formed in 1991 to fund research into health and safety in Australian coal mines. It operates by a deed, and decisions are made by the Trustees. The Trust is managed by Coal Services but the two are separate legal entities.

Since the Trust's inception, research has been targeted around specific priority areas. These priority areas have been based on relevant statistical information on accident and injury trends within the coal industry and also on areas where minimal research currently exists.