

RESEARCH & METS – A PARTNERSHIP FOR INNOVATION

GMUSG Conference

Port Augusta – 30 August 2018

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South Australia's history and prosperity is inextricably linked to the success of its minerals and energy sector and its services supply chain.

The State's Mining Equipment, Technology and Services (METS) sector includes a diverse range of companies, organisations and individuals. They explore, build, manage and provide technology, equipment and labour. Some are multinational companies while others are small, regional suppliers.

GSP	Economic Contribution	Employment Contribution
METS Sector	\$2.2B	14,300 Jobs
Resources and Energy	\$3.5B	11,040 Jobs

(source Econsearch METS Economic Indicators Report for South Australia 2016/17 Update)



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Industry 4.0 – The speed of technological breakthroughs has no historical precedent



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Innovation plays a major role in the development of solutions to some of the mining and resources sectors biggest challenges.

Partnerships or collaboration between the METS sector and research institutions is essential and particularly important for the development of successful innovation.

However, less than half of Australian METS companies report collaboration with mining companies, Universities and other organizations on research and development initiatives. (source Unlocking Australia's resource potential, CSIRO July 2015)



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Innovation can;

- Overcome challenges
- Make previously uneconomic opportunities economically viable
- Optimize operations and unlock value from assets
- Create long term economic growth and sustainability
- Lead to the creation of new market opportunities

As the mining and METS sectors focus on controlling costs and increasing productivity, the development of innovative solutions to problems is seen as an important pathway to help achieve this goal



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- Have you;
 - Visited the University Exhibition booths?
 - Met the Researchers?
 - Viewed the exhibits?
 - Discussed partnership opportunities?
 - Exchanged contact details?
- Just connect!



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Uni Hub Spencer Gulf

Reg Dennis – Project Coordinator



University of Adelaide

Professor Stephen Grano – Director, Institute for Mineral & Energy Resources



University of
South Australia

University of South Australia

Professor David Giles – Strand Leader and John Ralston Chair, Minerals and Resources Engineering, Future Industries Institute



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Professor John Arkwright – Strategic Research Professor in Biomedical Engineering, College of Science and Engineering



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