

Mining's Productivity Imperative: Issues, Priorities and Solutions

Day 1 - Wednesday, 24 September 2014

SESSION 1 (11:20-1:00 PM): OPENING – MINING'S PRODUCTIVITY IMPERATIVE

Opening Remarks by Chair Session, Mark Read, Director, Austmine and Global Market Leader– Energy & Resources, GHD

- **How technology and innovation drive step change in productivity**
Rob Hattingh, General Manager Innovation, Iluka Resources – **Lead Sponsor**
- **Performance trends and international comparisons in mining productivity**
Dr Graham Lumley, Director – Mining Intelligence and Benchmarking, PWC - **Platinum Sponsor**
- **A Solutions approach to blasting – enabling a step change in overall mining productivity**
Nick Bowen, Executive Head of Mining Services, Orica – **Foundation Sponsor**
- **Improving productivity in shaft sinking through safety**
Murray Macnab, Global Director Mining and Mine Development, Worley Parsons – **Silver Sponsor**

PANEL DISCUSSION

What factors have the greatest opportunity to improve productivity in mining globally?

Rob Hattingh, General Manager Innovation, Iluka Resources

Dr Graham Lumley, Director – Mining Intelligence and Benchmarking, PWC

Nick Bowen, Executive Head of Mining Services, Orica

Murray Mcnab, Global Director Mining and Mine Development, Worley Parsons

Jim Phillips, Business Development Manager, iVolve

Glen Corder, Development Manager, SUSOP, JKTech

Gerald Whittle, CEO, Whittle Consulting

1:00-2:00 PM LUNCH

SESSION 2 (2:00-3:40 PM): KEY PRODUCTIVITY ISSUES ON THE MINE SITE

Opening Remarks by Session Chair, Steve Hall, Director Austmine & COO Duratray

- **Enhancing productivity through planning, integration and remote operations**
Garry Korte, CFO, Roy Hill Holdings
- **Improving equipment & people productivity in the mining sector**
Sandy Dunn, Director, Assetivity – **Silver Sponsor**
- **Mining for our Grandchildren : How fleet management systems deliver long term cost per tonne reductions for sustainable and efficient business outcomes**
Dush Wimal, Vice President, Corporate Development and Strategy, Wenco International Mining Systems – **Silver Sponsor**
- **Modelling mining operations for improved efficiency and productivity**
Paul Hyland, Professor Business School, QUT
Don Sands, CEO, Synengco

PANEL DISCUSSION

How much time do we have to solve our productivity issues?

Tim Jackson, Strategy & Partner, PwC

Garry Korte, CFO, Roy Hill Holdings

Sandy Dunn, Director, Assetivity

Dush Wimal, Vice President, Corporate Development and Strategy, Wenco International Mining Systems

Paul Hyland, Professor Business School, QUT

Don Sands, CEO, Synengco

Tim Ekert, National Marketing Manager, Austin Engineering

Jim Hueimmer, Director, Shiftwork Solutions

3:40-4:00 PM BREAK

SESSION 3 (4:00-5:30 PM): NEW TOOLS TO ENHANCE PRODUCTIVITY

Opening Remarks by Session Chair, Mark Warren, Director, Austmine & Managing Director, Optiro

- **The changing landscape of mining technology**
Paul Lucey, Head of Engineering and Procurement Australasia Gold Fields
- **Can mining become as innovative as the tech industry?**
Zane Prickett, Director, RIIT
- **Beyond standards: Perspectives on improved collaboration**
Steve Mundell, Director of Research, acQuire Technology Solutions – **Silver Sponsor**
- **Increase corporate returns through effective CPM**
Joe Collins, Managing Director, CAMMS - **Silver Sponsor**

5:30-6:30PM: MEET THE MINERS SHOWCASE OVER DRINKS

Day 2 - Thursday, 25 September 2014

SESSION 1 (11:20-1:00 PM): ENHANCING PRODUCTIVITY THROUGH STRATEGIC PROCUREMENT

Opening Remarks by Session Chair, Steve Loadsman, Consulting Partner PwC

- **Working with the supply chain to drive value**
Kevin McCafferty, Group Manager, Strategic Procurement & Supply Chain, Fortescue Metals Group
- **OEM collaboration: Achieving sustainable productivity improvements**
Henk van Muijen, Managing Director IHC Mining Advisory Services, IHC Mining – **Silver Sponsor**
- **Unlocking productivity through procurement led supplier innovation**
Andrew Cordner, Managing Director, The Faculty
- **Pioneering rig technology to increase production**
Russell Wood, Senior Advisor, Macmahon - **Silver Sponsor**

PANEL DISCUSSION

How do you bring new innovations to the mining supply chain more quickly?

Steve Loadsman, Consulting Partner, PwC

Kevin McCafferty, Group Manager, Strategic Procurement & Supply Chain, Fortescue Metals Group

Henk van Muijen, Managing Director IHC Mining Advisory Services, IHC Mining

Andrew Cordner, Managing Director, The Faculty
 Russell Wood, Senior Advisor, Macmahon
 Jan Fuchter, Director, Alliances & Advisors, SMW, EFIC
 Andrew Peele, Director, Australian Synchrotron

1:00-2:00PM LUNCH

SESSION 2 (2:00-3:30 PM): ENERGY & INFRASTRUCTURE ISSUES

Opening Remarks by Session Chair, Bob Calvert, Director, Austmine & Group Manager Development, Stornoway

- **Strategies for Energy Efficient Mineral Processing**
Fred Bradner, Director of Strategy, Weir Minerals
- **Comminution strategies for energy efficient returns**
Sandy Gray, Technical Director, Gekko Systems Pty Ltd

PANEL DISCUSSION

Latest Technology Breakthroughs

Joe Pease, Chair, CEEC
 Fred Bradner, Director of Strategy, Weir Minerals
 Sandy Gray, Technical Director, Gekko Systems Pty Ltd

3:40-4:00 PM BREAK

SESSION 3 (4:30-5:30 PM): CREATING A NEW COMPETATIVE PLATFORM

Opening Remarks by Session Chair, Christine Gibbs Stewart, CEO, Austmine

- **Australian productivity relies on innovation**
Jonathan Law, Minerals Down Under National Research Flagship Director, CSIRO
- **Partnering between Miners and METS companies to achieve increased operational performance**
Alan Broome AM, Chairman Emeritus, Austmine
- **Collaboration to enable step change in mining**
Andrew Scott, Chairman Global Mining Standards & Guidelines Group & Senior Director, Mining Information Technology, Barrick Gold Corporation

PANEL DISCUSSION

How can the supply and mining sector work more closely together to improve productivity? Is structural change needed?

Jonathan Law, Minerals Down Under National Research Flagship Director, CSIRO
 Alan Broome AM, Chairman Emeritus, Austmine
 Crispin Conroy, Senior Trade Commissioner for Latin America, Austrade
 Andrew Scott, Chairman Global Mining Standards & Guidelines Group & Senior Director, Mining Information Technology, Barrick Gold Corporation

GALA DINNER