

	<b>Stream 1 – Grand Ballroom</b> <b>Session 1: Plenary 1 – Official Opening Session</b> <b>Session Chair: David Brereton, Conference Chair</b>	
8.45 am – 8.50 am	<b>Welcome and OHS:</b> <i>Professor David Brereton, Conference Chair, Sustainable Minerals Institute</i>	
8.50 am – 8.55 am	<b>Welcome to Country</b>	
8.55 am – 9.00 am	<b>Official Opening:</b> <i>Greg Chalmers, President, The AusIMM</i>	
9.00 am – 9.30 am	<b>Keynote Speaker:</b> <i>Tracking Change, Making it Real — Dr R. Anthony Hodge, President, International Council on Mining and Metals (ICMM)</i>	
9.30 am – 9.50 am	<i>Xstrata Copper North Queensland – Remaining Sustainable During Challenging Times — Steven de Kruijff, Chief Operating Officer, Xstrata Copper Mt Isa</i>	
9.50 am – 10.10 am	<i>Integrating Sustainability into Mines of the Future — Professor Chris Moran, Director, Sustainable Minerals Institute</i>	
10.10 am – 10.25 am	<i>Putting SDIMI in the Driver's Seat — Philip Bangerter, Global Director – Sustainability, Hatch</i>	
<b>10.25 am – 10.55 am</b>	<b>Morning Tea Break</b>	
	<b>Stream 1 – Grand Ballroom</b> <b>Session 2A: System Perspectives</b> <b>Session Chair: Sharif Jahanshahi, CSIRO</b> 	<b>Stream 2 – Paradise 1 &amp; 2</b> <b>Session 2B: Designing for Sustainable Development</b> <b>Session Chair: Andrew Murphy, Hatch</b>
10.55 am – 11.20 am	<i>Preparing for Uncertain Mineral Futures – A Survey of AusIMM Members on the Future Issues and Drivers for the Australian Minerals Industry — K Moffat, C Mason and A Littleboy</i>	<i>An Approach to Optimising Coal Mine Design for Sustainable Development — J R Craynon and M E Karmis</i>
11.20 am – 11.45 am	<i>Sustainability Reporting and Mining – An Assessment of the State of Play for Environmental Indicators — G M Mudd</i>	<i>The Mineral Resources Landscape – An Expanded Conceptualisation of Minerals Sustainability — C Cooper and D Giurco</i>
11.45 am – 12.10 pm	<i>A Water Accounting Framework for the Australian Minerals Industry — C M Cote and C J Moran</i>	<i>Defining Sustainability Criteria in Project Design – A Case Study of the Olympic Dam Expansion — E Salazar, I Cawrse, H Bateman, G Carnes and S Cawrse</i>
12.10 pm – 12.35 pm	<i>Surrounded by Change – Collective Strategies for Managing the Cumulative Impacts of Multiple Mines — D Franks, D Brereton and C J Moran</i>	<i>Goldset – Application of a Sustainability Decision Support Tool to the Mining Industry — B Bourque and R Noel-De-Tilly</i>
12.35 pm – 1.00 pm	<i>A Systems Perspective of Sustainability in the Mining Industry and Suggestions for Indicator Development — T Lydiatt, P Mesquita and A Nolan</i>	
<b>1.00 pm – 2.00 pm</b>	<b>Lunch Break</b>	
	<b>Session 3A: Mining and Sustainable Development in Emerging Economies</b> <b>Session Chair: David Laurence, University of New South Wales</b>	<b>Session 3B: Sustainability Indicators</b> <b>Session Chair: Dirk van Zyl, University of British Columbia</b>
2.00 pm – 2.25 pm	<i>Platinum Mining and Sustainability – Understanding the Environmental Costs of Future Technologies — B J Glaister and G M Mudd</i>	<i>A Systems Approach for the Application of Eco-Efficiency Indicators for Process Design in the Minerals Industry — M Guma, H von Blottnitz and J L Broadhurst</i>
2.25 pm – 2.50 pm	<i>Platinum Wealth, Community Participation and Social Inequality in South Africa's Royal Bafokeng Community – A Paradox of Plenty? — S C Mswana and W Akpan</i>	<i>Applying the Metrics Navigator™ to Establish Strategic Indicators for Mining — M Latham, H Jones and D Tanzil</i>
2.50 pm – 3.15 pm	<i>Human Development in Mining Zones of Chile 1990 - 2007 – An Analysis of the Impact of Poverty Reduction in Antofagasta — C Parra</i>	<i>Exergy – A Useful Indicator for the Sustainability of Mineral Resources and Mining — A Valero, A Valero and G M Mudd</i>
3.15 pm – 3.40 pm	<i>Profitability, Sustainability and Community Development – Is There a Contradiction? A Case of Gold Fields' Driefontein Gold Mine in South Africa — H Makuluma</i>	<i>Multidimensional Sustainable Development Indicators for the Minerals Industry — J B Pateiro-Fernández and P N Martens</i>
<b>3.40 pm – 4.10 pm</b>	<b>Afternoon Tea Break</b>	
	<b>Session 4: Plenary 2 – Can Mining Projects Deliver Long-Term Benefits for Communities?</b> <b>Session Chair: Malcolm Scoble, University of British Columbia</b>	
4.10 pm – 4.35 pm	<b>Keynote Speaker:</b> <i>Mines as Community Development Agents – The Case of Antamina Mine — Pablo de la Flor, VP, Corporate Affairs, Antamina Mining, Peru</i>	
4.35 pm – 5.00 pm	<i>Working Towards Delivering Long-Term Community Benefits – Lihir Gold Mine Case Study — Nick Currey, Sustainable Development Manager, Lihir Gold Limited</i>	
5.00 pm – 5.25 pm	<i>Christine Charles, Chair of Mining Technology Innovation Centre</i>	
5.25 pm – 5.35 pm	<b>WIMNet Presentation:</b> <i>Women in Mining Equals Sustainable Development for the Industry — D Frater</i>	
5.35 pm – 5.45 pm	<i>Sustainable Mining 2010 – The Compelling Business Case (Beyond 2010) — M Goodz</i>	
5.45 pm – 7.45 pm	<b>Welcome Function</b> <b>Sorrento Room, Sofitel Gold Coast</b> 	

	<b>Stream 1 – Grand Ballroom</b> <b>Session 5A: Innovative Methods in Sustainable Development Assessment</b> <b>Session Chair: Daniel Franks, Sustainable Minerals Institute</b>	<b>Stream 2 – Paradise 1 &amp; 2</b> <b>Session 5B: Education and Professional Development for Sustainability</b> <b>Session Chair: Dan Churach, CSRP</b>
8.30 am – 8.55 am	Approaching Sustainable Development Through Industry Associations – A Case Study with the International Manganese Institute (IMn) — <i>L A Westfall, D Ersenkal, M Ali and A Tremblay</i>	Integration of Sustainability Into Mining Schools – Counter-Cyclical Strategies — <i>D Laurence and M Scoble</i>
8.55 am – 9.20 am	Modelling Mine Sustainability – Indicators Based on a Comprehensible Framework — <i>C J Moran and A Lyon</i>	Sustainability in Mining Engineering – Strategies Through Education and Research — <i>R Chouinard and A J Gunson</i>
9.20 am – 9.45 am	Development of a Sustainability Roadmap for the Kwinana Industrial Area, Western Australia — <i>K Schianetz and M John</i>	<b>Panel Discussion:</b> How Can the University Sector Contribute to Building Sustainable Development Capacity in the Minerals Industry?
9.45 am – 10.10 am	Extractive Industry – Sustainability Information Systems — <i>P M J S Godinho</i>	
10.10 am – 10.35 am	Social Conflict and the Mining Industry – A Review of Challenges and Tool to Integrating Sustainable Development into Extractive Industries — <i>D Vazquez Brust, N Yakovleva, E Nava-Fischer, D Mutti and M Dimarco</i>	
<b>10.35 am – 11.05 am</b>	<b>Morning Tea Break</b>	
	<b>Session 6: Plenary 3 – Mining and Minerals Processing in a Carbon Constrained World</b> <b>Session Chair: Michael Karmis, Virginia Tech</b>	
11.05 am – 11.30 am	<b>Keynote Speaker:</b> Mining and the Challenges of Climate Change — <i>Peter Cunningham Managing Director, Energy and Climate Strategy Rio Tinto</i>	
11.30 am – 11.55 am	<i>Corinne Boone, Managing Director, Environment and Community Interface, Hatch</i>	
11.55 am – 12.20 pm	The Market and New Environmentalism – The Future is Now — <i>Rick Humphries, Greening Australia</i>	
12.20 pm – 12.30 pm	What's Wrong with Sustainable Development? — <i>Stevan Green, Centre for Sustainable Resource Processing</i>	
<b>12.30 pm – 1.30 pm</b>	<b>Lunch Break</b>	
	<b>Session 7A: Communities, Regions and Partnerships</b> <b>Session Chair: Cath Pattenden, Sustainable Minerals Institute</b>	<b>Session 7B: Carbon Constrained World</b> <b>Session Chair: Kirsten Gollogly, Rio Tinto</b>
1.30 pm – 1.55 pm	Building Partnerships with Indigenous People to Improve their Economic Circumstances to Achieve Social Cohesion and Social Licence to Operate – A Case Study of the West Pilbara, Australia — <i>J Gawler</i>	Improving Energy Efficiency Across Mineral Processing and Smelting Operations – A New Approach — <i>C L Evans, B L Coulter, E Wightman and A S Burrows</i>
1.55 pm – 2.20 pm	The Relationship Between Mining and Socio-Economic Well-Being in Australia's Regions — <i>S A Hajkowicz, S Heyenga R R J McAllister and K Moffat</i>	Designing Energy Efficiency Assessments that Work. Thiess Australian Mining – Case Study — <i>G Sartori and P Crittenden</i>
2.20 pm – 2.45 pm	Challenges and Opportunities in the Development of a Cultural Heritage Management Strategy at the Lihir Gold Mine, Papua New Guinea — <i>N Bainton and J Cook</i>	Sustainability Aspects of Carbon Capture and Storage (CCS) – An Approach to a Holistic CCS Assessment — <i>P N Martens, T Katz, L Rattmann and J B Pateiro-Fernández</i>
2.45 pm – 3.10 pm	Signals of Mine Closure – A Strategic Approach for Retrenchment – A Case Study of Porgera Gold Mine, Papua New Guinea — <i>P B Kanaparo</i>	Cost Efficient Implementation of a Greenhouse Gas Reduction Roadmap in the Mining and Metallurgy Industry — <i>J Pflieger, J Gediga and M Russ</i>
3.10 pm – 3.35 pm	Housing Stress and Location Choices in Bowen Basin Mining Communities – A Case Study of Moranbah — <i>D Akbar, J Rolfe, S Lockie and G Ivanova</i>	
<b>3.35 pm – 3.55 pm</b>	<b>Afternoon Tea Break</b>	
	<b>Session 8: Sustainability Assessment Forum</b> <b>Session Chair: Glen Corder, Sustainable Minerals Institute</b>	
3.55 pm – 4.05 pm	<b>AusIMM Sustainability Committee:</b> <i>A Keogh</i>	
4.05 pm – 4.10 pm	<b>SME Sustainability Committee:</b> <i>D van Zyl and D Shields</i>	
4.10 pm – 4.35 pm	Sustainable Development Indicators and Policy Development – What are the Primary Issues for Government — <i>Dan Hunt, Associate Director-General, Mines and Energy, Department of Employment, Economic Development and Innovation</i>	
4.35 pm – 6.00 pm	<b>Sustainability Assessment Forum</b> (Stevan Green to Lead) – This forum will present several brief case studies on implementing sustainability initiatives as the basis for engaging the audience in an insightful discussion about the critical barriers and drivers for realising successful sustainability outcomes. The aim is to elicit new, innovative and potentially feasible ideas for putting sustainability initiatives into practice, which would lead to an action agenda for the next SDIMI Conference in 2011.	
7.00 pm for 7.30 pm	<b>Conference Dinner</b> <b>Grand Ballroom, Sofitel Gold Coast</b>	

	<b>Stream 1 – Grand Ballroom</b> <b>Session 9A: Waste and By-Products</b> <b>Session Chair: Stevan Green, CSRP</b>	<b>Stream 2 – Paradise 1 &amp; 2</b> <b>Session 9B: Emerging Mining Countries</b> <b>Session Chair: Lucy Roberts, Xstrata Coal</b>  Sponsored by 
9.00 am – 9.25 am	Evaluation of Remote Sensing Technology as a Tool for Mining Applications — <i>S Raval, L Ge and D Laurence</i>	'Quality' and Impact of Mining Foreign Direct Investment in Argentina – Perceptions and Challenges to Sustainable Development — <i>D Vazquez Brust, N Yakovleva and D Mutti</i>
9.25 am – 9.50 am	Opportunities for a Sustainable Development at Chinh Bac Mine Waste Dump in Vietnam — <i>P N Martens, J B Pateiro-Fernández, S Ahmad, M Fuchsschwanz and G Deissmann</i>	The Minerals Sector and Sustainable Development in Saudi Arabia — <i>M Aldagheiri</i>
9.50 am – 10.15 am	Sustainability in Mine Dump Design — <i>P Flood</i>	Exploring Community Involvement in a Major Infrastructure Project – Case of an Oil Pipeline in Eastern Siberia — <i>N Yakovleva</i>
10.15 am – 10.40 am	A Hybrid Life Cycle Assessment and Geographical Information System Model for Sustainable Recycled Aggregate Chain Management in Turin (Italy) — <i>G A Blengini, E Garbarino, P Molina and V Badino</i>	
<b>10.40 am – 11.10 am</b>	<b>Morning Tea Break</b>	
	<b>Session 10A: Life Cycle Analysis</b> <b>Session Chair: Gavin Mudd, Monash University</b>	<b>Session 10B: Community and Stakeholder Engagement</b> <b>Session Chair: Kieren Moffat, CSIRO</b>
11.10 am – 11.35 am	Measurement? Assessment? The Real Challenge is Communication — <i>A Murphy</i>	Use of the Logical Framework Approach to Establish a Simple Sustainable Development Framework for Application to a Proposed Mine at Aurukun on Western Cape York — <i>P Vidler</i>
11.35 am – 12.00 pm	Life Cycle Assessment and Tailings Management Trade-Off Studies – An Approach to Implementation — <i>D van Zyl</i>	Achieving Sustainable Community Development – Helping Build Appropriate and Resilient Community Governance Structures — <i>M Barcham</i>
12.00 pm – 12.25 pm	Using Life Cycle Assessments and Multi-Criteria Decision Analysis Models for Ex Ante Sustainability Assessment — <i>D J Shields, G A Blengini and S V Šolar</i>	Stakeholder Engagement and Social Sustainability in the Mining Sector — <i>A Blood and H Tran</i>
12.25 pm – 12.50 pm	Using Life Cycle Analysis to Assess the Toxicity Impacts of Waste Streams from Metal Production Processes — <i>T E Norgate and N Haque</i>	Impartiality and Fairness in Stakeholder Engagement Through Triangular Value Analysis — <i>A G Stacey and J L Stacey – presented by H Makuluma</i>
<b>12.50 pm – 1.30 pm</b>	<b>Lunch Break</b>	
	<b>Session 11: Putting SDIMI in the Driver's Seat</b> <b>Session Chair: Philip Bangerter, Hatch</b>	
1.30 pm – 2.40 pm	<b>Putting SDIMI in the Driver's Seat</b> – A panel of leading industry thinkers will be presented with an analysis of the sustainability problem using a custom problem solving process, historical precedent and systems dynamics modelling. This leads to a game-changing question: Is change-resistance or proper-coupling the crux of the problem? The panel will be asked to define a way to achieve the objectives of the SDIMI declaration with the help of a facilitated Q&A session.	
2.40 pm – 2.50 pm	<b>Conference Close:</b> <i>Professor David Brereton, Conference Chair</i>	