

Monday, May 27, 2019

| | Rooms P6&7, Portside Conference Centre |
|---------------------|---|
| 7:30 AM - 8:30 AM | Registration, Welcome Refreshments and Badge Collection - Day 1 |
| 8:30 AM - 9:45 AM | <p><u>Session 1: Conference Opening and Keynote Presentations</u></p> <p><i>Official Conference Opening</i> Michael Hitch, SDIMI 2019 Conference Chair</p> <p><i>AusIMM Welcome</i> Janine Herzig, President, AusIMM</p> <p><i>The Social License to Operate: adoption and application in the mining sector, 1997-2017</i> Ian Thomson, Shinglespit Consultants Inc</p> <p><i>The devolution of the social licence to operate in the Australian mining industry</i> David Laurence, ACSMP</p> |
| 9:45 AM - 10:05 AM | Morning Tea Break - Day 1 |
| 10:05 AM - 11:50 AM | <p><u>Session 2: Post-Mining Land Uses</u></p> <p><i>Approaches for social licence to remine in post-mining-societies</i> Angela Binder, Clausthal University of Technology</p> <p><i>A social licence to close: engaging stakeholders in agreeing post-mining land uses</i> Jo-Anne Everingham, Sustainable Minerals Institute, University of Queensland</p> <p><i>Can the circular economy help embed social licence in the minerals industry?</i> Glen Corder, Sustainable Minerals Institute, University of Queensland</p> <p><i>Thinking beyond closure: toward a mine closure database</i> Kamila Svobodova, Sustainable Minerals Institute</p> <p><i>Observations from the recent AusIMM Social Licence to Operate Forum</i> Bruce Harvey, resolution88 Pty Ltd</p> |
| 11:50 AM - 12:50 PM | Lunch Break - Day 1 |
| 12:50 PM - 2:10 PM | <p><u>Session 3: Corporate Social Responsibility</u></p> <p><u>Sponsored By</u> GLENCORE</p> <p><i>Social Responsibility in Geoscience and Mining Education</i> Mike Katz, Mineral Development</p> <p><i>Dynamics of corporate social responsibility: a theoretical perspective</i> Zhongxue Li, University of Science and Technology Beijing</p> <p><i>Assessing and improving the sustainability performance of mining industries</i> George Gaidajis, Democritus University of Thrace</p> <p><i>Demonstrating local excellence by positioning business performance in a global sustainable development context</i> Hennie du Plooy, Port Waratah Coal Services Ltd</p> |
| 2:10 PM - 2:30 PM | Afternoon Tea Break - Day 1 |
| 2:30 PM - 4:00 PM | <p><u>Session 4: Understanding Social Licence Complexities</u></p> <p><i>An interrogation of the approach to social licence to operate (SLO) on the African continent</i> Harmony Musiyarira, Namibia University of Science and Technology</p> <p><i>Interrogating the legitimacy to enter into a social licence: a community perspective</i></p> |

Nomakhuze Nyembo, GIBS Business School

Dimensions of the coltan and cobalt resource curse in the Democratic Republic of Congo

Byelongo Elisee Isheloke, University of Cape Town

Day 1 Conference Close

Michael Hitch, SDIMI 2019 Conference Chair

4:00 PM - 5:00 PM

Welcome Reception: Monday 27 May 2019

Tuesday, May 28, 2019

| | Rooms P6&7, Portside Conference Centre |
|---------------------|--|
| 8:00 AM - 8:30 AM | Registration, Welcome Refreshments and Badge Collection - Day 2 |
| 8:30 AM - 10:10 AM | <p><u>Session 5: Social Licence to Operate Laws and Policies</u></p> <p><u>Day 2 Conference Opening</u> Michael Hitch, SDIMI 2019 Conference Chair</p> <p><u>Trends in Social License to Operate: the North American experience</u> Deborah Shields, Colorado State University</p> <p><u>Large-scale mining in Luzon: assessment of the impact and sustainability of the mandated corporate social responsibility practices for their host communities</u> Jackie Lou Raborar, University of Santo Tomas</p> <p><u>Off-Earth mining in the context of sustainable development</u> Jessica Dallas, University of New South Wales</p> <p><u>Sustainable mining practices in some mining regions of India</u> Gurdeep Singh, Indian Institute of Technology (Indian School of Mines)</p> <p><u>The Social Licence Pathway: Towards a collaborative planning and approval process for the digital age</u> Peter Dupen, H2onestly</p> |
| 10:30 AM - 10:50 AM | Morning Tea Break - Day 2 |
| 10:40 AM - 12:00 PM | <p><u>Session 6: Connecting critical raw materials with future societal demands</u></p> <p><u>Tantalum mining in Africa's Great Lakes region: a case study for sustainable economic development?</u> Philip Schuette, Federal Institute for Geosciences/Natural Resources</p> <p><u>Changing local and global impacts of critical minerals supply for the clean energy transition</u> Damien Giurco, University of Technology Sydney</p> <p><u>Critical Minerals: a review assessing risks related to mineral resource availability</u> Kegomoditswe Koitsiwe, University of Botswana</p> <p><u>Reconnecting raw materials with society: A case study for the Lignite mines in north-western Greece</u> Chrysanthi Rodolaki, TU Bergakademie Freiberg</p> |
| 12:10 PM - 1:00 PM | Lunch Break - Day 2 |
| 1:00 PM - 3:00 PM | <p><u>Session 7: The role of technology in enhancing sustainability outcomes</u></p> <p><u>Digital Work Preparation Tool for Sub-Surface Construction Work in Mines - An Approach to Optimisation</u> Julia Herhold, TU Bergakademie Freiberg</p> <p><u>China's spatial and temporal disparities in energy efficiency and influencing factors</u> Liangshan Shao, Liaoning Technical University</p> <p><u>Energy portfolio versus sustainability of mining industry</u> Durjoy Baidya, The University of British Columbia</p> |

Complex orebodies: the role of social and environmental complexities in current mine projects development

Eleonore Lebre, Sustainable Minerals Institute

Establishment of an early warning model for mine waste dump failure induced by rainfall

Zhengxing Yu, China Academy of Safety Science & Technology

Optimise payload and increase trucking factors with volume scanning

Carey West, Loadscan

3:00 PM - 3:30 PM

Afternoon Tea Break - Day 2

3:30 PM - 4:45 PM

Session 8: Social Licence to Operate in Overall Value Chain

Social license from a European perspective

Michael Tost, Montanuniversitaet Leoben

Policy drivers and barriers for sustainable mining innovations in the EU: a case study analysis

Andreas Endl, Vienna University of Economics and Business

The social license to operate in the extractive industries: an international law perspective

Mihaela Barnes, Independent Consultant

Day 2 Conference Close

Michael Hitch, SDIMI 2019 Conference Chair

4:45 PM - 6:00 PM

Networking Event: Tuesday 28 May 2019

Wednesday, May 29, 2019

| Rooms P6&7, Portside Conference Centre | |
|--|---|
| 8:00 AM - 8:30 AM | Registration, Welcome Refreshments and Badge Collection - Day 3 |
| 8:30 AM - 10:45 AM | <p><u>Session 9: Corporate Social Responsibility</u></p> <p><u>Day 3 Conference Opening</u> Michael Hitch, SDIMI 2019 Conference Chair</p> <p><u>Social License to Operate Within Southeast Asia</u> Nga Nguyen, Hanoi University of Mining and Geology</p> <p><u>Why a responsible coal mining supply chain matters in a decarbonizing world</u> Anne-Claire Howard, Bettercoal</p> <p><u>Role of mining companies in contributing to sustainable development goals</u> Harmony Musiyarira, Namibia University of Science and Technology</p> <p><u>Can mineral exploration companies create and share value with local communities? The case of Erdene Resource Development Corporation in Mongolia</u> Nadja Kunz, The University of British Columbia</p> <p><u>Impact of mining activities on the achievement of sustainable development goals</u> Adeyinka Omotehinse, Universidade de São Paulo, Brazil</p> <p><u>How should we make decisions and prioritize environmental sustainability in the Canadian north?</u> Mustafa Kumral, McGill University</p> |
| 10:45 AM - 11:00 AM | Morning Tea Break - Day 3 |
| 11:00 AM - 12:00 PM | <p><u>Session 10: Social Licence to Operate in the overall Mining Value Chain</u></p> <p><u>Implementation of social license to operate into early evaluation stages of potential mining projects</u> George Barakos, TU Bergakademie Freiberg</p> <p><u>A theoretical holistic risk management model for mining operations</u> Zach Agioutantis, University of Kentucky</p> |

Promoting the social license to operate through integrating social and environmental aspects in criticality assessments
Konstantin Kühnel, Federal Institute for Geosciences/Natural Resources

12:00 PM - 12:55 PM

Lunch Break - Day 3

12:55 PM - 2:40 PM

Session 11: Alternative views in Social Licence to Operate

Overview of the AusIMM Community and Environment Society

Juleen Brown, Wood

Estimating the value of benefits in benefit-sharing agreements

Eric Werker, Beedie School of Business at Simon Fraser University

Bad apples and careless workers - notions of risk in corruption reform

Andrea Shaw, Shaw Idea & SMI, University of Queensland

Methods of obtaining social acceptance for mining activities

Zuzanna Łacny, AGH University of Science and Technology

Social licence or social science? Perspectives on social impact assessment

Hanabeth Luke, Southern Cross University

Benefit-sharing mechanisms in developed mining countries: a literature review

George Gaidajis, Democritus University of Thrace

2:40 PM - 3:00 PM

Afternoon Tea Break - Day 3

3:00 PM - 4:30 PM

Session 12: Keynote Presentations and Conference Close

Mining and the social licence obsession: thinking broader, working better

Deanna Kemp, University of Queensland

How inter-sectoral power relations change the meaning of the social licence

Robert Boutilier, Stakeholder 360

Too much of a good thing? Can a strong social licence leave communities in tears?

Leeora Black, Deloitte

Conference Close

Michael Hitch, SDIMI 2019 Conference Chair

Thursday, May 30, 2019

Hunter Valley Tour

8:00 AM - 5:00 PM

T1: Hunter Valley - Mangoola Mine