



Program					
9:00AM - 10:15AM	10:30AM - 11:45AM	11:00AM - 12:15PM	11:30AM - 12:45PM	12:00PM - 1:15PM	<p>Official Opening Chair: Dr Guy Boggs</p> <p>Welcome to Country Vaughn McGuire</p> <p>Opening Address Dr. Bruce Kelley, CRC TiME Chair</p> <p>Ministerial Address Hon. Keith Pitt, Minister for Resources and Water</p> <p>Innovation in Closure Planning Partnerships and Execution Andy Lloyd, Chair, Jabiru Kabolkmakmen</p> <p>Facilitated Panel Kim Ferguson, BHP Global Practice Lead and ICMM Closure Chair Terry Hill, CEO, Pilbara Development Commission Brenton Barker, CEO, Ely Trust James Purtill, Queensland Mine Rehabilitation Commissioner</p>
10:15AM - 11:00AM	11:45AM - 12:30PM	12:15PM - 1:00PM	12:45PM - 1:30PM	1:15PM - 2:00PM	<p>Regional Economic Development</p> <p>Facilitated by Prrof Fiona Haslam McKenzie, CRC TiME Program Leader, Regional Economic Development & Co Director Centre for Regional Development, University of Western Australia The delivery of sustainable post-mining prosperity has to commence with a shared vision of the future that all stakeholders can work towards. The regional Economic Development program provides stakeholders with the tools, networks and skills to envisage and assess a range of relevant options. By building confidence in a shared vision of a sustainable future, investment can be encouraged to deliver it.</p> <p>Diversification of Mining Economies Linda Dawson, Deputy Director General, Department of Jobs Tourism Science and Innovation Dawn Brock, Manager, Environmental Stewardship, ICMM & Rob Stevens, President, Pakawau Geomanagement Inc</p>
11:00AM - 11:15AM	12:30PM - 12:45AM	1:00PM - 1:15PM	1:30PM - 1:45PM	2:00PM - 2:15PM	Morning Tea/Quick Break

11:15AM - 12:30PM	12:45PM - 2:00PM	1:15PM - 2:30PM	1:45PM - 3:00PM	2:15PM - 3:30PM	<p>Enabling Post Mine Transitions: Regional Closure Planning and Re-Purposing Mining Assets</p> <p>Facilitated by Professor Fiona Haslam McKenzie, CRC TIME Program Leader, Regional Economic Development & Co Director Centre for Regional Development, University of Western Australia This session will include several keynote presentations and panel discussions.</p> <p>Presenters Professor Andrew Beer, CRC TIME Project Leader, University of South Australia Professor Alex Gardner, CRC TIME Project Leader, University of Western Australia Dr Renee Young, CRC TIME Project Leader, WABSI Dr Marcus Barber, CRC TIME Project Leader, CSIRO</p>
12:30PM - 1:30PM	2:00PM - 3:00PM	2:30PM - 3:30PM	3:00PM - 4:00PM	3:30PM - 4:30PM	<p>Regional Hub Story Sharing</p> <p>Facilitated by Dr Emma Yuen, Research Impact & Translation Manager, CRC TIME CRC TIME has established hubs in 5 regional areas located around Australia: Bowen Basin QLD, Gove NT, Latrobe VIC, Pilbara and South West WA. These hubs bring together regional stakeholders experiencing mines closure and are currently exploring ways their regions can transform. Come along and hear what is happening around the country in our regional hubs.</p> <p>Presenters</p> <p>Bowen Basin Peter Dowling, Business & Investment Attraction Manager, Central Highlands Development Commission</p> <p>Pilbara Micheal Heap, Director Regional Development, Pilbara Development Commission</p> <p>Gove Jim Rogers, Executive Director- East Arnhem, Department of the Chief Minister and Cabinet</p> <p>La Trobe Valley Rae Mackay, Chair, Mine Land Rehabilitation Authority Board, Mine Land Rehabilitation Authority (MLRA)</p> <p>South West WA Pip Kirby, Director Regional Development, South West Development Commission</p>
1:30PM- 1:40PM	3:00PM- 3:10PM	3:30PM- 3:40PM	4:00PM- 4:10PM	4:30PM - 4:40PM	<p>Day 1 Rapporteur Professor Tom Measham, CRC TIME Research Director</p>
1:40PM	3:10PM	3:40PM	4:10PM	4:40PM	Day 1 Close

Day 2 - Tuesday 30th November

AWST - WA	ACST - NT (+1.5)	AEST - QLD (+2)	ACDT - SA (2.5)	AEDT - NSW, VIC, ACT,	Program		
8:30AM - 9:30AM	10:00AM - 11:00AM	10:30AM - 11:30AM	11:00AM - 12:00PM	11:30AM - 12:30PM	<p>Risk, Evaluation and Planning</p> <p>Facilitated by Associate Professor Bryan Maybee, CRC TiME Program Leader, Collaborative Infrastructure</p> <p>Sustainable post-mining prosperity is fundamentally dependent on the actions of the mining company during operations. The technology and processes used for extracting and processing ore, managing wastes and spoils and interacting with the workforce and the community combine to determine the levels of residual risk and/or post-mining opportunity. This then determines whether relinquishment can occur and rules in or out different options for post-mining ecosystems and livelihoods. Therefore, the decision processes used in planning a mining operation are a critical determinant, both of relinquishment and of post-mining success. The Risk, Evaluation and Planning program develops improved decision-making processes across the life of a mine, with a specific focus on the optimisation of cost effective and successful closure and relinquishment.</p> <p>Keynote Presentations Aidan Davy, Chief Operating Officer, ICMM</p> <p>ESG trends in financial markets Kaylene Gulich, Chief Executive Officer, Western Australian Treasury Corporation</p> <p>Project Presentations Dr Marcus Barber Dr Isaac Dzakpata Associate Professor Eric Lilford Ed Halloway</p>		
9:30AM - 9:45AM	11:00AM - 11:15AM	11:30AM - 11:45AM	12:00PM - 12:15PM	12:30PM - 12:45PM	Morning Tea		
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11:00AM - 11:30AM	12:30PM - 1:00PM	1:00PM - 1:30PM	1:30PM - 2:00PM	2:00PM - 2:30PM	Lunch Break
11:30AM - 12:30PM	1:00PM - 2:00PM	1:30PM - 2:30PM	2:00PM - 3:00PM	2:30PM - 3:30PM	<p>Data Integration and Platforms</p> <p>Facilitated by Dr Jason Kirby, CRC TiME Program Leader, Collaborative Infrastructure Regional futures are influenced by the cumulative economic, environmental, cultural and social impacts from mine sites and other industries and practices across the region. Mining companies and governments maintain a number of very large and complex data sets that if aggregated and interrogated, could drive innovation, predict and forecast ecosystem outcomes, and mitigate social, environmental, and economic risks. In addition, access to demonstration mine sites is a key barrier to driving research and innovation and moving technologies and solutions from the laboratory to market.</p> <p>Keynote Presenter Dr Carina Kemp, Data and Digital Advisors, Carina Kemp and Partners</p> <p>Foundation Project Presenters Knowledge hub (e-Library) and search engine Dr Renae Desai, CRC TiME Project Leader, Murdoch University</p> <p>Australian mine rehabilitation trials data and information platform Associate Professor Peter Dahlhaus, CRC TiME Project Leader, Federation University Australia</p> <p>Abandoned mine sites in Australia Dr Ebrahim Fathi Salmi, CRC TiME Project Leader, CMTE Development Limited; Mining3</p>
12:30PM - 12:45PM	2:00PM - 2:15PM	2:30PM - 2:45PM	3:00PM - 3:15PM	3:30PM - 3:45PM	Afternoon Tea

					<p>Workshop 3 Cumulative regional impact assessment</p> <p>Facilitated by Dr Renee Young, CRC TiME Project Leader, The Western Australian Biodiversity Science Institute</p> <p>Mine closure is typically regulated at the mine site scale, but communities experience impact at the scale of the landscape. Tools for assessing cumulative impacts at a regional scale do exist but are not yet widely regulated. Therefore, they are not systematically applied and are rarely integrated across different interests.</p> <p><i>This workshop will explore how we progress some key questions including:</i> <i>What does an integrated cumulative assessment look like when applied at a regional scale?</i> <i>What changes are required for integrated cumulative assessment to be implemented and successful?</i></p> <p>Workshop Presenters: The increasing focus on cumulative impacts in planning and development Tom Hatton, Director at Thomas Hatton, Environmental Consulting; former EPA Chairman Western Australia</p> <p>DAWE regional case study for planning and development Declan O'Connor-Cox, Assistant Secretary, Environment Approvals Division, Department of Agriculture, Water and the Environment</p> <p>Geological and bioregional assessment program (GBA) Kate Holland, Principal Research Scientist, Geological and Bioregional Assessments, CSIRO</p> <p>Project 1.1 Towards a framework for cumulative regional impact assessment Jenny Pope, Director, Integral Sustainability</p> <p>Project 4.1 Dynamically transforming environmental assessment through a shared analytics framework Chris Gentle, Program Director Biodiversity Data and Information Management, The Western Australian Biodiversity Science Institute</p>	<p>Workshop 4: Innovation through demonstration and trial sites</p> <p>Facilitated by Dr Greg Davis & Elise Bekele, CRC TiME Project Leader, CSIRO & Peter Waters, BHP</p> <p>The uptake of new technologies and innovations has been slow at mines due to the costs, large-scale and high risks associated with development and testing versus tried and proven approaches. A fraction of the vast amounts of data held by mining companies and governments is easily available for shared learning, decision making and opportunities for research and innovation.</p> <p><i>This workshop will progress:</i> <i>How we demonstrate/trails cultural and social solutions?</i> <i>What process is needed / hurdles over come to identify and fast track innovative technologies and solutions for demonstration at mine sites?</i> <i>How we fund and support demonstrations at mine sites?</i></p> <p>Workshop Presenters: Grant Douglas, CSIRO Vern Newton, Hanson Australia Jonathon Crosbie, MMG Ltd Oskar Kadletz, Department of Resources -Technical Services / Georesources Division (Queensland) Simon McVeigh, Okane Consulting Suzanne Strapp, President of FAWNA Inc. (Fostering and Assistance for Wildlife Needing Aid) – establishing a biodiversity park on land formerly used by the mineral sand industry, Capel Shire, WA</p>
					<p>Day 2 Rapporteur Professor Tom Measham, CRC TiME Research Director</p>	
2:00PM	3:30PM	4:00PM	4:30PM	5:00PM	Day 2 Close	
3:00PM		5:00PM			<p>Social Networking WA 3:00-5:00PM Anzac House, 28 St Georges Terrace, Perth</p>	<p>Social Networking QLD 5:00-7:00PM The Ship Inn, Sidon Street, Southbank, South Brisbane</p>

Day 3 - Wednesday 1st December

AWST - WA	ACST - NT (+1.5)	AEST - QLD (+2)	ACDT - SA (2.5)	AEDT - NSW, VIC, ACT,	Program		
8:30AM - 10:00AM	10:00AM - 11:30AM	10:30AM - 12:00PM	11:00AM - 12:30PM	11:30AM - 1:00PM	<p>Operational Solutions</p> <p>Facilitated by Associate Professor Glen Corder, CRC TiME Program Leader, Operational Solutions</p> <p>Action during mining operations and mine closure will determine the level of risk and opportunity for post-mining activity. The Operational Solutions session will develop improved decision-making processes across the life of a mine to deliver operational interventions to reduce the long-term post-closure risks to infrastructure, landforms, water, ecosystems and people, and deliver fit for purpose post-mining land use.</p> <p>Keynote Presentation</p> <p>Patrick Walta, Managing Director, New Century Resources</p> <p>Foundation Project Presentations and Discussion</p> <p>Dr Claire Cote, University of QLD Dr Renee Bartolo, Dept of Agriculture, Water and Environment Professor Peter Cook, Flinders University Dr Jason Stevens, Department of Biodiversity Conservation and Attractions Professor David Williams, University of Queensland Professor Carolyn Oldham, University of Western Australia Raphael Costa Picorelli, Mining3</p>		
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1:30PM	3:00PM	3:30pm	4:00pm	4:30PM	Conference Close		