ADDRESSING THE ENVIRONMENTAL IMPACTS OF MINING’S PAST AND FUTURE

Australia’s mining sector is an essential contributor to our economy and way of life. To ensure its economic and social sustainability, Australia’s mineral resources sector must effectively address the sector’s environmental impacts. Recognising this, the Australian Academy of Technology and Engineering (ATSE) has developed an Action Statement calling for the sector to proactively address Australia’s abandoned mine legacy; improve environmental assessments and management; and enhance community engagement.

To launch this statement, ATSE and the Institute of Sustainable Futures (ISF) are bringing together leaders from the mining industry, government and research communities for an engaging panel discussion on the future of environmental management in the mineral resources sector.

The panel discussion will be followed by an informal networking session.

Event Details

DATE
Wednesday 22 November 2017

TIME
5:45 - 6:45pm Panel Discussion
6:45 - 7:15pm Networking Drinks

VENUE
Room 040, Level 4, Peter Johnson Building (Building 6)
UTS City Campus
Harris Street, Sydney
View Map

COST
Free

REGISTRATION
Registration for the event is essential. To register please sign in or create an account on the ATSE Website or contact the ATSE Office on 03 9864 0919.

Registrations close 5pm Friday 17 November 2017.

EVENT PARTNER

UTS
Panellists

Ms Denise Goldsworthy FTSE (Chair)
Owner and Managing Principal, Alternate Futures; Chair, ATSE Mineral Resources Forum

Following 17 years at BHP Steel and 14 years in Mining (iron ore and minerals), including roles as Managing Director Dampier Salt, Managing Director Hismelt and Chief Commercial Officer Autonomous Haul Trucks (Rio Tinto), Denise has successfully transitioned to the third phase of her career as a Non-Executive Director and advisor on research, technology and innovation to both industry and research organisations, through the company Alternate Futures, of which she is the owner and Managing Principal.

Denise is the 2010 Telstra Australian Business Woman of the Year. She is also a Judge for the Prime Minister’s Science Awards, a member of Chief Executive Women (CEW), and a 2011 inductee in the WA Women’s Hall of Fame.

Denise currently holds board positions at ChemCentre WA; Arrium; Export Finance and Insurance Commission (EFIC); Minerals Research Institute WA (MRIWA); Edith Cowan University; Curtin University; and the Navy Clearance Diver’s Trust.

Professor Damien Giurco
Director (Innovation) Institute of Sustainable Futures and Professor of Resource Futures, University of Technology Sydney

Damien’s research with government and industry is focused on modelling resource flows and environmental impacts and on developing strategies for resource stewardship in the minerals, water, energy and waste sectors. He led the development of Vision 2040: Innovation in Mining and Minerals, which advocated for a National Minerals Strategy and is currently leader of the Wealth from Waste Cluster a multi-university collaboration with CSIRO researching Australian pathways for metals in a circular economy.

Previously Damien was Chair of the AusIMM Sustainability Committee and oversaw its progression to become the AusIMM Community and Environment Society. Damien is Editor-in-Chief Resources; Chair, Energy Storage Working Group, Australian Battery Recycling Initiative; and a Member of the NSW Container Deposit System Ministerial Advisory Committee.

Ms Corinne Unger
PhD Candidate, University of Queensland; Member, Department of Economic Development Jobs Transport and Resources Technical Review Board; Independent Consultant

Corinne is a PhD student in the Management Discipline at the UQ Business School. Originally trained as an earth scientist, Corinne has been awarded the QRC/EHP scholarship to develop a greater understanding of corporate and government risks associated with mine closure. Previously, Corinne was a Senior Researcher at the Centre for Mined Land Rehabilitation at UQ exploring maturity of abandoned mine jurisdictional programs and mine rehabilitation and closure knowledge management. Corinne’s knowledge of abandoned mined land rehabilitation and closure risks builds on her work as a prestigious Churchill Fellow in 2009 looking at case studies from Austria, Germany, England and Canada. Before her fellowship, Corinne managed abandoned mines in Central Queensland for the QLD government and she led rehabilitation and research at a Northern Territory uranium mine.
Dr David Blackmore
Director Environmental Sustainability, NSW Department of Planning and Environment (Resources and Geoscience) and Adjunct Professor, University of Newcastle

Dr David Blackmore is the Director Environmental Sustainability at the Department of Planning and Environment-Division of Resources and Geoscience. David’s unit is tasked with delivering mining rehabilitation outcomes, ensuring strong oversight of mining and minimising its impacts on NSW, enhancing rehabilitation successes, and driving industry to meet government and community sustainability expectations. His team leads rehabilitation practices in NSW to ensure whole of mine life cycle sustainability that creates both a strong commitment from industry and confidence in the rehabilitation security system from the broader community.

David has qualifications in Environment Chemistry (PhD), Environmental Science (B.Env Sci [Hons I]), Metallurgy (Diploma) and a Diploma (AICD Company Directors Course). David is an adjunct Professor at the University of Newcastle.

Frank Klostermann
General Manager – Innovation, Toxfree

In his “first life” in Germany, where he grew up, Frank worked in a professional capacity as a lawyer and chartered accountant in a large accounting firm. During his “second life” in Australia, Frank has been working in many capacities in the environmental services sector as a consultant and the member of senior executive teams at Remondis, Thiess Services and Toxfree. He also held board positions in Australia and Taiwan during this time for various companies of the Remondis Group.

He was also a member of the Brisbane Waste Innovations Alliance Board and the Advisory Board of the Research Centre for Solid Waste Bioprocessing at the UQ.

At the moment Frank leads the Innovation and Engineering Team at Toxfree mainly introducing new waste treatment technologies, and improving existing treatment facilities of the Toxfree Group.

Mr Bruce Wilson
Head of Resource Division, Department of Industry, Innovation and Science

Mr Wilson heads the Resources Division in the Department of Industry, Innovation and Science and is responsible for policy advice and regulation relating to the Australian Government interests in off and onshore resource development. Prior to this Mr Wilson was the Executive Director, Bureau of Resource and Energy Economics (BREE). In 2012 Bruce led the Secretariat responsible for developing the Australian Government’s Energy White Paper as well as the Secretariat for the Policy Transition Group working on the new Minerals Resources Rent and Petroleum Resource Rent Taxation arrangements.

Prior to these roles Mr Wilson worked on climate change, renewable energy and sustainable development issues including Australia’s participation in the Asia Pacific Partnership on Clean Development and Climate (APP), Mr Wilson was a member of the UNFCCC Expert Group on Technology Transfer (EGTT) and in 2010 was the final Chair of this Group. Mr Wilson has also worked on science and industry policy in the Department of Prime Minister and Cabinet and has experience in several major industry associations.
About the Australian Academy of Technology and Engineering

The Australian Academy of Technology and Engineering (ATSE) is an independent think tank that comprises the leaders in the fields of technology and engineering, who gain Fellowship to the Academy in a highly competitive process. ATSE is one of Australia’s four national Learned Academies but its 800-strong Fellowship, unlike the other three Learned Academies, come from industry, government, research organisations as well as academia.

Our Fellowship develops trusted, informed and visionary views to persuade decision-makers to implement the most progressive policies on the development of technology for the betterment of Australia and its people. For further information visit www.atse.org.au.

About the Institute for Sustainable Futures

The Institute for Sustainable Futures (ISF) is an interdisciplinary research and consulting organisation at the University of Technology Sydney setting global benchmarks since 1997 in helping governments, organisations, businesses and communities achieve change towards sustainable futures. We utilise a unique combination of skills and perspectives to offer long-term sustainable solutions that protect and enhance the environment, human wellbeing and social equity. For further information visit www.isf.uts.edu.au.