

ACBC WA and ANU present:

# Australia-China Decarbonisation Roundtable

Green steel, green hydrogen, critical minerals and downstream processing

Perth, Western Australia

Thursday 17th August 2023

## 12-5pm | Ritz Carlton, Perth

The Australia China Business Council (ACBC) WA and the Australian National University (ANU) are pleased to present this thought-provoking roundtable that will explore existing and future collaboration between Australia and China on decarbonisation. Industry and academic experts will lead discussions focused on Green Steel, Green Hydrogen and Critical Minerals & Downstream Processing.

Australia and China's low-carbon transitions are deeply linked through their energy systems and value chains. Low-carbon transitions open opportunities to establish new energy, resource and processing industries in Australia, on the basis of natural resource endowments and industrial capabilities. It is therefore critical for many Australian businesses, governments and other stakeholders to develop a deep understanding of China's low-carbon transition.

Our curated panel of experts will discuss existing and potential collaboration between Australia and China in Green Steel, Green Hydrogen and Critical Minerals & Downstream Processing.

This event is made possible with generous funding from the National Foundation for Australia-China Relations.

## EVENT PROGRAM

### Welcome | 12pm

#### Australia China Business Council WA Welcome

James Clarke – President, Australia China Business Council WA

#### National Foundation for Australia-China Relations Welcome

Peter Cai – CEO, National Foundation for Australia-China Relations

#### Australian National University Welcome

Prof. Frank Jotzo – Professor of Environmental Economics and Climate Change Economics, Crawford School of Public Policy, Australian National University

### Keynote Address | 12.15pm



#### Kate Chaney MP – Member for Curtin, Australian Government

Kate has spoken in Parliament on topics including gambling reform, climate action, intergenerational fairness aged care and tax reform, campaign donation transparency and affordable housing.

Kate sits on the Joint Standing Committee on Aboriginal and Torres Strait Islander Affairs, the House Committee on Social Policy and Legal Affairs and is the first lower house crossbencher to sit on the Joint Standing Committee on Electoral Matters.

### Question and Answer Session conducted by:

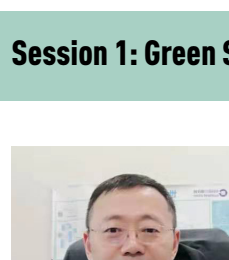


#### Prof. Howard Bamsey - Honorary Professor, School of Regulation and Global Governance, ANU

Prof. Howard Bamsey is a board member of the Climate Policy Initiative and Climate Works Centre, and was previously Chair of the Global Water Partnership, Executive Director of the Green Climate Fund and Director General of the Global Green Growth Institute. He has served as Senior Advisor on Sustainable Development for the Australian Department of Foreign Affairs and Trade and Special Advisor on Green Growth to AusAID. He held several appointments at ambassadorial level in the Australian foreign service.

### LUNCH | 12.35pm

### Keynote Address | 1.20pm



#### Hon. Bill Johnston MLA – Minister for Mines and Petroleum; Energy; Hydrogen Industry; Industrial Relations, Western Australian Government

The Hon. Bill Johnston MLA has been a Minister for the Labor Government since March 2017, and has previously been Minister for Commerce, Corrective Services, Electoral Affairs, and Asian Engagement.

So far, his achievements include cutting red-tape for the mining industry, introducing the Work Health and Safety Bill (industrial manslaughter provisions) and assisting in revolutionising Western Australia's energy system.

### Session 1: Green Steel | 1.30-2.20pm



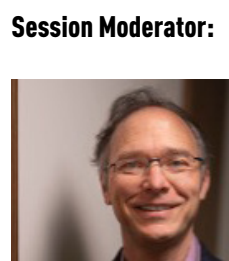
#### Wei Qian – General Manager of Strategic Planning Department, and General Manager of Science and Technology Innovation Department, Baowu Resources Co. Ltd

Mr Qian has previously occupied the following positions in his career: General Manager of Resources Research Department, General Manager of Metal Resources Development Department in Baowu Resources Co., Ltd; Deputy General Manager of Asset Management Department in Baosteel International Co., Ltd, General Manager of New Business Development Department in Baosteel European Company, Chief Representative of Baosteel Middle East Representative Office, and General Representative (Hong Kong) of Baosteel International Deep Processing Business. Mr Qian has long been engaged in metallurgical industry trade, investment, market development, international operation, strategic planning, science and technology management, decarbonisation and green feed development.



#### David Trotter – Research Portfolio Manager, Minerals Research Institute of WA

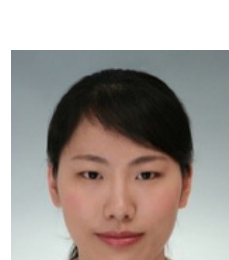
David Trotter is a metallurgist who has over 35 years of experience in the iron ore and steel industry in a variety of technology, logistical, and technical sales and marketing roles, and understands full value chain in Mining, Sales Operations, and Technology.



#### Nicole Wyche – Industry Decarbonisation Manager (Steel), WWF Australia

Nicole is an industry analyst, geologist, and project manager with diverse experience across the mining and exploration industry, and government and scientific research organisations in Australia and Finland. As part of WWF-Australia's climate team working to expedite Australia's transition to renewable energy and low-emissions industries, Nicole works with the iron ore and steel sector in the Asia-Pacific region. WWF-Australia is also developing guidelines to protect nature and equity during decarbonisation, and advocates for a fast, best and just transition.

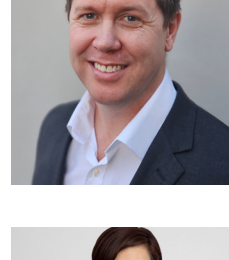
### Session Moderator:



#### Prof. Frank Jotzo - Professor of Environmental Economics and Climate Change Economics, ANU Crawford School of Public Policy

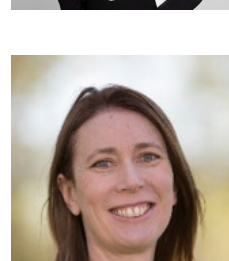
Frank Jotzo is professor of environmental economics at the Australian National University's Crawford School of Public Policy, and Head of Energy at the ANU Institute for Climate Energy and Disaster Solutions. His research and project leadership spans policy instruments for emissions reductions, economics of decarbonisation, opportunities in the transition to net zero emissions systems and international dimensions of climate change and energy policy.

### Session 2: Green Hydrogen | 2.25-3.20pm



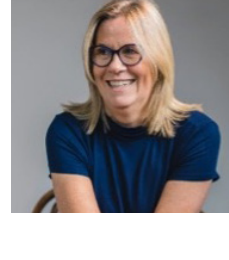
#### Dr Chenmin He - Assistant Researcher, Zhejiang Carbon Neutral Innovation Institute, Zhejiang University of Technology

Dr Chenmin He has been engaged in climate and energy system analysis for more than 10 years. Her research fields include climate change mitigation and low-carbon target path research, synergistic analysis of climate mitigation and sustainable development goals, energy system analysis, comprehensive evaluation mode, energy and environmental policy assessment, and energy technology assessment.



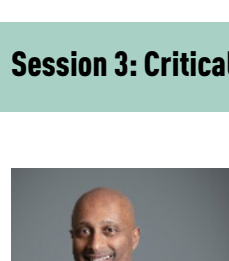
#### Robert Hunn - Regional Manager Midwest WA, Fortescue Future Industries

Robert Hunn is a Regional Manager at Fortescue Future Industries (FFI), where he focuses on driving the development of green hydrogen and renewable energy projects in Western Australia. He has worked at FFI for three years which has seen him lead renewable energy and hydrogen projects within Australia and overseas, covering the geothermal, wind and solar energy sectors.



#### Yolanda Zhao - COO, Infinite Green Energy

Yolanda is a business professional in corporate management, strategy delivery, sales, and business development. Highly experienced in delivering business growth in Asia Pacific markets.



#### Emma Aisbett - Associate Professor at the ANU School of Law and Associate Director (Research) for the Zero-Carbon Energy for the Asia Pacific Initiative at ANU

Emma's transdisciplinary research centres on collaborations with government, industry and key international organisations. Within the emerging field of International Green Economy Regulation, Emma leads several projects on certification and embedded emissions accounting.

### Session Moderator:



#### Prof. Peta Ashworth OAM - Director of the Curtin Institute for Energy Transition (CIET)

Prior to joining Curtin University, Professor Ashworth was the Director of the Andrew N. Liveris Academy for Innovation and Leadership, and Chair in Sustainable Energy Futures at The University of Queensland (UQ). Professor Ashworth brings over 30 years' experience working in a range of senior management, consulting and research roles. She was also Chair of the Queensland Hydrogen Taskforce and is a member of CSIRO Hydrogen Mission Advisory Board. Professor Ashworth is a globally-recognised expert in the fields of energy, communication, stakeholder engagement, and technology assessment. For almost two decades, Peta has been researching public attitudes toward climate and energy technologies, including wind, carbon capture and storage (CCS), solar photovoltaic, storage, geothermal and hydrogen.

### AFTERNOON TEA | 3.20pm

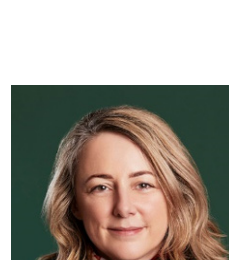
### Session 3: Critical Minerals and Downstream Industries | 3.50-5pm



#### Raj Surendran – CEO, Tianqi Lithium Energy Australia

Tianqi Lithium Energy Australia is a joint venture between global new energy materials company, Tianqi Lithium Corporation, in China, and Australian Miner IGO Ltd. The company owns 100 per cent of the lithium hydroxide refinery, in Kwinana, and 51 per cent of the Talison Lithium Mine, in Greenbushes, Western Australia: the world's largest and highest quality hard rock lithium deposit.

Mr Surendran is a highly experienced senior executive with over 20 years of finance, business development, strategy, project management and commercial leadership experience in Australia. He held senior finance positions with Aurizon, Wesfarmers, BGC Australia and DUET Group (Dampier to Bunbury Natural Gas Pipeline) before joining Tianqi Lithium's Kwinana operation in 2019 as General Manager Finance. In September 2021, Mr Surendran was appointed Chief Operating Officer (COO) of the newly formed TLEA joint venture. As COO, he led the Kwinana team through many milestones accomplished including the achievement of first battery grade lithium, in May 2022. Mr Surendran has a Master of Business Administration from the University of Western Australia.

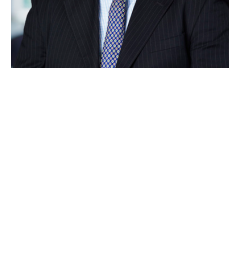


#### Tony Fang Dong – CEO, GCL Technology Research Centre USA and President, GCL Solar Materials USA

Mr Dong has been a long-time energy expert in traditional and new energy fields and is very active in energy transformation practice.

His more than 30 years energy project experience covers IPP, gas/LNG project, wind power project and manufacture, solar materials R&D/manufacture and solar power project, battery materials R&D and manufacture, power storage manufacture/R&D and project, solar plus project, H2 supply chain development, carbon footprints reduction and trade. His working experience includes Sinopac, Enron Corporation, Anglian Water, GCL Technology with various responsibility from R&D, manufacture, project development and execution.

Mr Dong obtained his Bachelor's Degree in Chemistry from Southeast University in China and Master Degree from McNeese State University in the USA.



#### Anthony Sutton – Executive Director, Hydrogen and New Energies, Department of Jobs, Tourism, Science and Innovation - Western Australian Government

Anthony currently leads the Hydrogen and New Energies Division in the Department of Jobs, Tourism, Science and Innovation. In this role, Anthony's team supports the State Government's commitment to transition towards renewable energy sources.

This includes:

- driving a globally competitive renewable hydrogen industry and driving related downstream processing opportunities, with a focus on the activation of hydrogen hubs and the development of local electrolyser and other hydrogen manufacturing opportunities; and,
- implementing the Future Battery and Critical Minerals Industries Strategy to grow participation in the global battery and critical minerals supply chains, and promote investment opportunities.

Prior to this role, Anthony led the environmental impact assessment and policy services to the Environmental Protection Authority (EPA). His experience in the Western Australian public sector and knowledge of the natural environment ensured the EPA was provided with quality advice to enable sustainable development in the state. Anthony has held senior roles in the public service for 25 years, including as the independent Appeals Convenor for three years.

He holds a Master of Science (Environmental Science) and Graduate Certificate in Business.



#### Kylie Turner – System Lead, Climateworks Centre's Sustainable Economies

Kylie Turner leads Climateworks Centre's Sustainable Economies system team, focusing on how we can accelerate systems change in line with the goal of limiting global temperature rise to 1.5 degrees in national and sub-national economies. She was most recently the program impact manager for the Australian Industry Energy Transitions Initiative, working with heavy industry, finance companies and government to develop decarbonisation pathways aligned to limiting warming to 1.5 degrees celsius. Kylie has worked in government, business, and the not-for-profit sector in public affairs roles, focusing on stakeholder engagement. Kylie holds a Graduate Certificate in Business Administration with RMIT and is currently studying for a Masters in Business Administration, also with RMIT.

### Session Moderator:



#### Adam Handley, Chair, Resources Subcommittee, ACBC WA and Partner, MinterEllison

Adam is a partner with over 30 years' experience at leading AsiaPacific law firm MinterEllison and is the Leader of MinterEllison's China Team. He specialises in the energy and resources sector in particular, with a focus on mergers and acquisitions in the mining industry and is widely regarded as one of the leading Australian legal advisers for major foreign government and non-government investors into Australia, particularly those from China. He has advised on many notable Chinese trade and investment transactions between Australia and China and has been ranked by Chambers Asia as a "China Expert". He has a significant track record in advising Federal and State Governments on major regulatory and commercial projects. Adam is the past President of the Australia China Business Council (ACBC) Western Australia branch and was previously Vice-President of the ACBC National Board.