



**CLEAN ENERGY CONFERENCE
AUSTRALIA AFRICA**

Powering the future



CLEAN ENERGY

The transition to a sustainable future

CONFERENCE PROGRAMME

THE NOVOTEL PERTH LANGLEY

2nd – 3rd September 2024



THE CLEAN ENERGY CONFERENCE
Perth, Western Australia.





TIME	EVENT – PRESENTATION	SPEAKERS
7:45 - 8:45 a.m	Registration and Welcome Refreshments.	
8:45 - 9:00 a.m	National Anthem Conference opening by MC	
9:00 - 10:00 a.m	<p>Keynote Session: Moderated By Peter Grant</p> <p>Government Geopolitics of Energy Transition- How to transform to clean energy, Shaping the future of green hydrogen, Sustainability and the reduction of carbon dioxide production and Environmental impact of using hydrogen gas as a source of clean energy.</p>	<p>HE Amb Dr Wilson Kogo - Kenya High Commissioner to Australia</p> <p>HE Amb Dr Elias Munshya - High Commissioner of Republic of Zambia in Australia</p> <p>HE Ms Jenny Da Rin - Australia High Commissioner in East Africa Community- Rwanda, Somali, Tanzania, Burundi and Uganda – UNEP, UN habit and ICGLR</p> <p>Hon Ayor Makur Chuot MLC – Member for North Metropolitan MLC, Western Australia</p> <p>Hon. Minister Reece Whitby MLA –Western Australia Minister for Energy; Environment; Climate Action</p>
10:00 - 10:30 a.m	Health Break.	
11:00 - 12:00 p.m	<p>Keynote Session: Moderated By Prof Samuel Makinda</p> <p>Government Geopolitics of Energy Transition- How to transform to clean energy, Shaping the future of green hydrogen, Sustainability and the reduction of carbon dioxide production and Environmental impact of using hydrogen gas as a source of clean energy.</p>	<p>Hon. Marwa Abdibashir Hagi - MP, Federal Republic of Somalia & Deputy Chairperson of Natural Resources, Environment and Climate Change Committee</p> <p>HE Prof. Mercy Clement - Acting High Commissioner of Nigeria in Australia, Minister Counsellor/ Economic, Trade & Investment Matters</p> <p>Hon Musalia Mudavadi - Prime Cabinet Secretary and Foreign & Diaspora Affairs CS of Republic of Kenya</p>




<p>12:00 - 1:00 p.m</p>	<p>Industry -Presentations & Panel: Moderated By: Stephen Kuria</p> <ul style="list-style-type: none"> • How gas and solar can provide an energy solution for Southern Africa • Can Invictus gas discoveries provide energy transition for Zimbabwe <p>Kinetico: leading the Energy Transition in South Africa</p>	<p>Kris Martinick - Chief Executive Officer, Botala Energy Limited</p> <p>Scott MacMillan - Managing Director, Invictus Energy Limited</p> <p>Ivan Gustavino - Non-Executive Chair, Kinatico</p>
<p>1:00 - 2:00 p.m</p>	<p>Lunch Break.</p>	
<p>2:00 - 3:00 p.m</p>	<p>Presentations & Panel: Moderated By: Tim Smyth</p> <ul style="list-style-type: none"> • Is it achievable to triple renewables or double the rate of energy efficiency improvements by 2030 (hydrogen, nuclear power, carbon capture and storage ? • Clean metals – Who needs them? The case for a sustainable metals market • What is the total value of decarbonisation of the existing energy system and building the energy system to net zero oil and gas operations by 2050? • What is the role of “transitional fuels” in facilitating the transition to lower-carbon technologies while ensuring energy security? • Connecting Continents: What Africa and Australia can teach each other about New Energy. 	<p>Dr. Eric Lilford – Associate Professor and the Head of the Minerals and Energy, Curtin Institute for Energy Transition</p> <p>Braden Dunsmore - Vice President Safety & Sustainability, Wyloo</p> <p>Dr. Christopher Lagat - Senior Lecturer Western Australia School of Mines: Mining, Energy & Chemical Engineering</p> <p>Adriaan van der Merwe-Special Counsel - New Energy, Hamilton Locke</p>
<p>3:00 - 4:15 p.m</p>	<p>Presentations & Panel: Moderated By: Peter Grant</p> <p>Can hydrogen certification standards help to unlock and accelerate trade in hydrogen Project Finance? (Lessons and Perspectives)</p>	<p>Timo Bollerhey - Chief Executive Officer, H2Global Holding and Hintco GmbH</p> <p>Dr Ross Gawler - Senior Research Fellow - Faculty of Information Technology at Monash University</p> <p>Pierre De Villiers - Head of QHSE, International Operations E&C, at Sapura Energy Australia</p>
<p>4:15 p.m</p>	<p>Evening Tea and Networking.</p>	



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7:45 - 8:45 a.m	Registration and Welcome Refreshments.	
8:45 - 9:00 a.m	National Anthem Conference opening by MC	
9:00 - 9:40 a.m	<p>Presentations & Panel: Moderated By: Prof Samuel Makinda</p> <p>Can there be intercountry co-operation in transitioning to renewables, what are the stumbling blocks</p>	<p>Prof. David Mickler – Dean Global, Africa & Associate Professor of International Relations at Curtin University.</p> <p>Nick Llewellyn-Jones – Principal, Norman Waterhouse</p> <p>Gordon Chakaodza - Director & Researcher, Victorian Hydrogen Hub, Swinburne University of Technology</p> <p>Richard Beazley - Founder and Director Altair Mining Consultancy and Hydrogen Energy Pty Ltd</p> <p>Modisana Botsile - Country Manager Botala Energy Ltd</p>
9:40 - 11:00 a.m	<p>Presentations & Panel: Moderated By: Peter Grant</p> <p>Can a surging demand for zero-carbon technologies, materials and services create opportunities for companies to build new green businesses?</p>	<p>Tim Smyth - The Founder and Chief Executive Officer, One Degree South</p> <p>David Cavanagh - Chief Hydrogen Officer Hydrogen West</p> <p>Mireille Toulekima - Non-Executive Director MT Energy Resources</p> <p>Prof Samuel Makinda - Murdoch University</p>
11:00 - 12:20 p.m	Lunch & Site Visit	

*thank
you*

Join us

    cleanenergyconference

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www.cleanenergyconference.com.au



H.E. Amb Dr Elias Munshya
High Commissioner Republic
of Zambia in Australia

Currently serving as the High Commissioner for the Republic of Zambia to Australia and New Zealand, my journey has taken me from my native Zambia to countries worldwide, shaping my perspective and strengthening my commitment to our homeland. My diverse academic and professional background - with qualifications in law, theology, business, and counselling psychology - has given me a broad view of the world and the challenges we face. Today, I serve these experiences in my role as an Ambassador in Canberra, where I strive to build stronger bridges between Zambia and the international community. Whether attending diplomatic meetings or connecting with the Zambian diaspora, my focus remains: serving our country and our people. I believe in the power of open dialogue and collaboration, and I welcome the opportunity to connect with anyone interested in building stronger ties between Zambia, Australia, and New Zealand. I am continually learning and growing, and I invite you to join me on this journey. Let's work together to create a brighter, more interconnected future.



H.E. Prof. Mercy Clement,
Acting High Commissioner of
Nigeria in Australia, Minister
Counsellor/ Economic, Trade &
Investment Matters

Prof. Mercy Clement is a dynamic and accomplished diplomat known for her ability to navigate complex situations with ease. Her exceptional organizational skills and diplomatic acumen have earned her the nickname "Olivia Pope" within her organization. A seasoned diplomat, protocol expert, wife, and mother of three, she brings a wealth of experience to her roles.

Her career includes serving as the Deputy High Commissioner of Nigeria and Head of Economy, Trade & Investment Matters, Chief of Protocol in the Office of the First Lady of the Federal Republic of Nigeria, and as an Expert in European and Middle-East Affairs at the United Nations Security Council in New York. She has also contributed her expertise to the World Bank Country Office in Nigeria, various Not-for-Profit NGOs, and the Economic Community of West African States (ECOWAS). Prof. Clement's diverse experiences have shaped her into a versatile and solution-oriented leader.



H.E. Amb Dr Wilson Kogo
Kenya High Commissioner to
Australia

H.E. Amb Dr. Wilson Kipnetich Kogo is the current High Commissioner of Kenya to Australia. He holds a PhD in Education from Kisii University and a Master's Degree in Education from Moi University. In his role, he is dedicated to promoting and safeguarding Kenya's interests in Australia, New Zealand, and the Pacific Island countries. Under his leadership, the High Commission focuses on strengthening diplomatic relations, enhancing economic cooperation, and advancing public diplomacy between Kenya and these regions.



Hon. Ayor Makur Chuot is a Legislative Council of the 41st Parliament of Western Australia for the North Metropolitan Region.

Hon. Ayor Makur Chuot MLC
Member for North
Metropolitan MLC, Western



Hon. Marwa Has over 10 years of experience with the Somali Government, specializing in Somali business laws and international practices. Fluent in Somali and English, she excels in planning and coordinating parliamentary initiatives, fostering collaboration with stakeholders, and preparing reports for the World Bank. Her expertise extends to supporting consultants, monitoring projects, and delivering training. With nine years at Abu Dhabi National Oil Company (ADNOC) in finance, procurement, and communications, she brings valuable experience in the oil and gas sector. Her priorities include upholding the rule of law, enhancing climate resilience, empowering women, and creating sustainable job opportunities for Somali youth.

Hon. Marwa Abdibashir Hagi
MP, Federal Republic of Somalia &
Deputy Chairperson of Natural Resources,
Environment and Climate Change Committee



Hon. Minister Reece Whitby MLA
Western Australia Minister for
Energy; Environment; Climate
Action

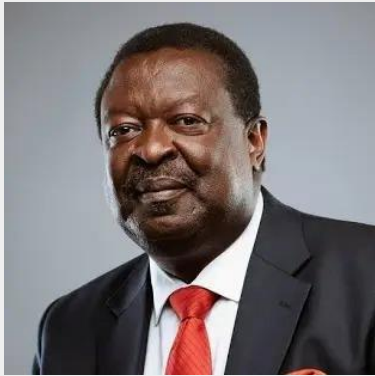
Hon Reece is coordinating the State's response to climate change while establishing a whole-of-government approach to reduce emissions.

He is Western Australia's first Minister to attend a United Nations Climate Change Conference, addressing audiences at COP27 and meeting Ministerial counterparts from across the globe.

Reece is tasked with implementing WA's nation-leading Plan for Plastics and the McGowan Government's historic decision to end native logging from 2024.

As the Minister for Environment, he is responsible for delivering Plan for Our Parks. Five million hectares of national and marine parks and reserves are being created, increasing the State's conservation estate by 20 per cent.

He will also oversee reforms in response to the Perth Casino Royal Commission and the review of WA's liquor laws.



Hon Musalia Mudavadi is the current Prime Cabinet Secretary of Kenya, a position he has held since October 2022. He also serves as the Cabinet Secretary for Foreign and Diaspora Affairs since October 2023.

Hon. Musalia Mudavadi
Prime Cabinet Secretary and Foreign & Diaspora Affairs CS of Republic of Kenya



Mr Kris Martinick has over 15 years' experience in the oil and gas industry in Australia; including oil and gas field development and processing plants, LNG plants, gas fired power stations and project management. Kris has held senior management roles working on projects and operations in remote areas of Australia and Papua New Guinea. He is a non-executive director of several private Perth-based companies.

Kris Martinick
Chief Executive Officer,
Botala Energy



Mr Macmillan is a Reservoir Engineer and founder of Invictus Energy Resources. He is a member of the Society of Petroleum Engineers (SPE) with +15 years experience in exploration, field development planning, reserves and resources assessment, reservoir simulation, commercial valuations and business development.

Mr Macmillan was previously a Senior Reservoir Engineer at Woodside Energy on large offshore Oil & Gas field developments and Business Advisor in the Global New Ventures team focused on Africa exploration as well as a Senior Reservoir Engineer for AWE working on the Waitsia Gas Field; the largest onshore gas discovery in Australia in the last 40 years.

Scott MacMillan -
Managing Director,
Invictus Energy Limited



**Ivan Gustavino –
Non-Executive Chair, Kinatico**

Ivan has over 25 years of history in technology companies, including vast experience in leading, advising and investing in high growth technology businesses.

Ivan brings extensive experience in deal making and advising technology investors and businesses at board level on a range of matters including business strategy, growth and M&A transactions. He is a recognised leader in software technology entrepreneurship in Australia and a highly regarded authority in business strategy, corporate transactions and in the marketing of emerging technologies.



**Dr. Eric Lilford
Associate Professor
and the Head of the
Minerals and Energy,
Curtin Institute for
Energy Transition**

Experienced in mining production, investment banking, consulting, post-grad lecturing (minerals and energy economics) and academic research (minerals, energy (notable clean energy) and engineering economics). Notable focus concentrated on the economics of clean / green energy (renewables, nuclear and electrolysing H₂O for hydrogen generation).

Multi commodity and multi jurisdictional (global) expertise and experience obtained over 30 years in the natural resources industry in technical, economic, financial, management and academic functions. These various facets, combined, have created the platform necessary to ensure that strategic management is consistently applied in my various undertakings.

Currently Associate Professor and Head of the Minerals and Energy Economics discipline, WASM: Minerals, Energy and Chemical Engineering Faculty, Curtin University.



**Braden Dunsmore -
Vice President Safety &
Sustainability, Wyloo**

Braden is the Vice President of Safety & Sustainability for Wyloo, driving safety performance and leading sustainability across the company. He is passionate about protecting people from harm and protecting the natural environment, holding a BSc in environmental science from Nottingham University and a PhD in environmental science from Exeter University, as well as an MBA from the University of Western Australia. Braden has ~20 years experience working around the world in the Energy, Mining and Chemicals industries and has held various roles for Smiths PLC, Baker Hughes and GE, including driving the carbon reduction strategy for Global Chemicals.

Most recently, Braden was an Executive at Mincor, leading business improvement, and Executive Director at Baker Hughes, delivering growth in the energy transition sector.

He has authored numerous scientific and leadership papers, and actively participates in industry bodies such as AusIMM and the Energy Institute.



Mr. Stephen Kuria – Chief Executive Officer, Australia Africa Energy & Minerals Institute Ltd (AAEMI)

Mr. Stephen is a visionary and entrepreneurial leader with over 20 years of experience in mining, oil and gas, supply chain, and consulting across multiple continents. He is the Chairman of the Kenya Australia Chamber of Commerce, the Board of Director ICPAK Australia Chapter, and the Chairman of the Board at Australia Africa Energy and Minerals Institute (AAEMI), a group of companies that he founded and manages. He is passionate about fostering trade, investment, and collaboration between Africa and Australia, as well as promoting excellence and innovation in the energy and minerals sector. He has worked with and provided services to global Fortune 500 companies, governments, and international organizations, delivering value-added solutions and impactful outcomes. He is a Master Black Belt in Lean Six Sigma, a World Champion in Entrepreneurship and Innovation, and a recipient of multiple awards and honors for his leadership and contributions.



Tim Smyth - The Founder and Chief Executive Officer, One Degree South

30 years of founding, leading and growing local, regional and global companies in the fluid and dynamic emerging markets in Asia, Africa and Latin America. My personal mantra of NEW, DIFFERENT and BETTER has allowed me to challenge conventions and create sustainable change that is fit for purpose in the constantly evolving global marketplace. My core skills encompass...

LEADING Boards, Strategic Planning, Innovation, Growth and Performance

MANAGING Teams, Key Stakeholder Relationships, P&Ls and Business Execution

DOING the Building of strong Organizational Cultures to align People and Teams



**Timo Bollerhey
Chief Executive Officer,
H2Global Holding and
Hintco GmbH**

Turning the hydrogen opportunity into a hydrogen reality is my passion and what drives me forward in my daily work. Thriving to achieve a global energy transition, we need to act and take responsibility today. Clean Hydrogen will most likely play a vital role in this transformation. To contribute to the emergence of a functioning hydrogen market, I designed H2Global and consequently co-founded the H2Global foundation back in 2021. Managing Hintco, I work at the interface of the private and public endeavors towards climate neutrality. My experience from many years in senior managerial positions in the private financial industry in combination with a deep insight into and understanding of the public sector, helps me to bring both sides together. I truly believe that the global energy transition can only be mastered and achieved jointly!



Mr Gordon Chakaodza is an Executive Leader with an established track record in the delivery of multiple projects. Adept at advising organisations that require a robust approach to multi-stakeholder relationship management, his professional background has been shaped by over a decade in leadership roles across several global markets

**Gordon Chakaodza - Director & Researcher,
Victorian Hydrogen Hub, Swinburne University of Technology**



**Dr Ross Gawler - Senior
Research Consultant, Monash
University Integrated**

Dr. Ross Gawler's career has been dedicated to the intersection of technical expertise and economic analysis in the electricity generation and transmission sectors. With experience in both centrally planned and competitive industry frameworks, Dr. Gawler has consistently focused on delivering realistic economic and risk assessments that drive effective investments in generation and transmission infrastructure. Renowned for his ability to forecast development needs within the Australian electricity markets, Dr. Gawler possesses a creative and innovative approach to problem-solving. His keen eye for detail allows him to identify discrepancies in data, ensuring that analysis remains on a path toward successful outcomes.

Specialties: Transmission planning, electricity wholesale price forecasting, economic and regulatory analysis.



**Pierre De Villiers - Head of
QHSE, International
Operations E&C, at Sapura
Energy Australia**

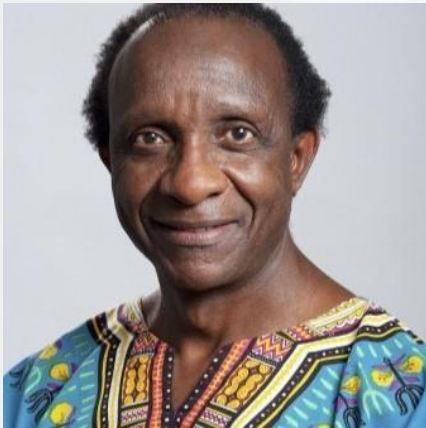
Pierre is a QHSE Leader with over 16 years of executive-level experience in risk management and quality, health, safety, and environment across various industries and regions. He holds an MBA from the Australian Institute of Business and several certifications in auditing, project management, and ESG.

As the Head of QHSE International Offices at Sapura Energy, a leading global integrated oil and gas services and solutions provider, he supports the growth and success of the QHSE team and the greater businesses. He is responsible for shaping and delivering the QHSE strategies and initiatives that result in a robust and resilient culture of care, mature risk management, and compliance with international standards and regulations. He has a proven track record of driving excellence and innovation in QHSE, as evidenced by his multiple awards and recognitions. He is passionate about creating positive impacts for the stakeholders, the environment, and the society.



Dr. Christopher Lagat
Senior Lecturer Western Australia
School of Mines: Mining, Energy &
Chemical Engineering

Christopher Lagat is a Chartered Professional Engineer and a member of the Institution of Engineers Australia, CPEng, MIEAust. He holds a B.Sc. degree in Civil Engineering, Master of Petroleum engineering degree and a PhD in Petroleum Engineering. He is a lecturer in Petroleum and Subsea engineering in the Western Australian School of Mines: Minerals, Energy and Chemical Engineering at Curtin University. He is also a Course Coordinator for Master of Subsea engineering program at Curtin University



Prof Samuel Makinda
Murdoch University

Professor Makinda is the Professor of International Relations and Security Studies at Murdoch University where he has been working since 1989. He worked with the Parliamentary Research Service at the Australian Federal Parliament 1985-86 and was a member of the Australian Foreign Minister's Consultative Committee for International Security Issues 2001-2008. In 2007, he helped establish the Foreign Service Institute at Kenya's Ministry of Foreign Affairs. He has been a researcher at the International Institute for Strategic Studies in London, the Brookings Institution in Washington, DC, the University of Cambridge and the University of Oxford. He has also taught at the Australian National University, the University of Western Australia, Flinders University and the University of Nairobi.



Prof. David Mickler
Dean Global, Africa & Associate
Professor of International
Relations at Curtin University.

Dean Global, Africa, Office of the DVC Global; Founding Director, Centre for Australia-Africa Relations; Associate Professor of International Relations in the School of Media, Creative Arts & Social Inquiry, Faculty of Humanities, Curtin University.
Australian Representative, Indian Ocean Rim Association Academic Group (IORAG).
Deputy Co-Chair, Australia Africa Universities Network (AAUN).
Future Africa Visiting Fellow, University of Pretoria, South Africa.
Senior Fellow, Higher Education Academy (SFHEA).
Member of the Advisory Board, Organisation of African Communities in Western Australia (OACWA).



Nick is one of the leading native title lawyers in Australia and has the unique distinction of having significant experience representing all three groups with major interests in this field: Government; the resources and energy industry; and Aboriginal native titleholder, claimant and traditional owner groups. This has equipped Nick with an unparalleled insight into the differing interests and imperatives of all parties involved, allowing him to achieve swift and lasting outcomes when undertaking negotiations.

Nick Llewellyn-Jones
Principal, Norman Waterhouse



Founder and Director of both Altair Mining Consultancy and Hydrogen Energy Pty Ltd and the Interim CEO and Managing Director for Troy Resources (ASX-TRY). Mr Beazley is an experienced mining engineer with 35 years of experience with a strong corporate, operational and technical background in the resources industry. Throughout his career, he has worked on projects throughout Australia, Africa and South America.

With Altair, he has driven and delivered valued outcomes for mining clients, which in turn has led to strong market growth outside the mining industry to include oil and gas, renewables, infrastructure, manufacturing and security due to his corporate and operational expertise and his extensive network across the globe.

Richard Beazley
Founder and Director Altair



Modisana is a mineral consultant who has worked for various multinational mining companies and at a senior level in Botswana's Ministry of Minerals.

Modisana Botsile
Country Manager Botala Energy Ltd



David Cavanagh is a qualified engineer and managing director at energy consultancy Integrated Energy. David Cavanagh's work in analysing the data to understand the state and national scope of green hydrogen, has paved the way for this exciting venture to gain momentum. With three decades of energy and resources experience across the globe working with major clients in energy, and five years in hydrogen, as well as governments and universities in three countries, David brings the talent to the table to provide the expertise necessary for this work.

David Cavanagh
Chief Hydrogen Officer Hydrogen West



Mireille is an internationally renowned Global STEM Consultant and Women Empowerment advocate who gained her experience working across 4 continents (Oceania, Africa, Asia and Europe) on projects of different scale in a range of technical and leadership roles for more than 20 years. She is the Founder and Managing Director of Perth based consultant company MT Energy Resources and the Regional Manager at GIMSGIY multimedia and technology company.

Mireille founded STEM Queens Uganda in 2018 and STEM Queen Australia in 2020 with the objective to reach out and sponsor African and Indigenous Australian girls and women to embrace STEM and increase women participation in STEM sectors. STEM Queen has for objective to empower at least one million women and girls in STEM by 2025.

Mireille Toulekima
Non-Executive Director
MT Energy Resources