



**CITY OF
PERTH**
City of Light

Perth, Western Australia

**The energy & resources
capital of the Indo-Pacific**



BHP

Rio Tinto

LAVAN LAVAN

AMP

BOC





Basil Zempilas

Lord Mayor

A City of Light, which shines for all in so many ways...

Celebrated as the City of Light, Perth is the energetic capital city of Western Australia, a vast state that is blessed with an abundance of mineral and energy resources that are in global demand.

From hydrogen, rare earths, lithium, nickel, cobalt, graphite, ammonia, vanadium and more, our state has all of the elements found at the epicentre of the world's energy transition journey.

Operating in a timezone connected to over 60 per cent of the world's population, Perth has established itself as the energy and resources capital of the Indo-Pacific.

Our city has formed a renowned hub of the world's foremost companies in the energy sector including Chevron, Shell, Rio Tinto, BHP, Woodside, INPEX, South 32, BP, Fortescue Metals Group, Alcoa, Newmont, ENGIE, Total, Yara International, Tianqi and Albemarle.

Home to world-leading technology, knowledge, research and innovation, Perth's economy is thriving and a focal point for investment and business development, with Western Australia recently recording a Gross State Product at 63 per cent above the Australian national rate.

The City of Perth is also the only Australian member city of the World Energy Cities Partnership, a global network of 18 key energy cities committed to fostering the transition to a sustainable energy future. These partnerships boost industry knowledge, create new opportunities and establish business-to-business connections.

Australia is...

A world-leading economy



12th largest economy in the world by Gross Domestic Product



10th in A.T. Kearney's 2023 Foreign Direct Investment Confidence Index



13th out of 176 countries in the 2023 index of Economic Freedom

Western Australia is...

A force in mining



World's largest supplier of lithium and iron ore



3rd largest for nickel and cobalt



5th largest for nickel



Produces 12% of global LNG exports

Perth is...

The nexus of energy expertise and investment



1st in Investment Attractiveness Index out of 84 jurisdictions according to the 2021 Fraser Institute Survey of global mining companies

32.2%

32.2% of ASX-listed companies call Perth home, accounting for the largest proportion of Australian mining companies working in Africa, Latin America, Central Asia and many other markets.



Proximity to key markets allows WA's exports, services and intellectual talent to efficiently reach Africa, the Middle East, the UK, Europe and Asia



PERTH

The only Australian capital city on the Indian Ocean Rim, Perth shares daylight with over 60 per cent of the world's population

Leading minds and experts from Perth's renowned resources and energy transition sector have joined CERAWeek 2024. Meet our Perth 2024 delegation.





Basil Zempilas

Lord Mayor






Basil Zempilas was first elected Lord Mayor of the City of Perth in October 2020 and re-elected in October 2023. He became the 18th Lord Mayor, entering Local Government after a successful and ongoing broadcasting career in television and radio. Basil is also a regular columnist in *The West Australian* which is Australia's second oldest newspaper.

As the Lord Mayor, Basil works with Council to provide strategic leadership to the City of Perth. He is committed to a City with more residents, more visitors and more workers, a greener City and a City for everyone, achieved through the framework of a liveable, sustainable and prosperous strategic vision.

Basil is the chair of the Lord Mayor's Distress Relief fund which under his stewardship, has raised over \$40 million in four separate appeals for communities impacted by natural disasters.

Since 2010 Basil has been host of Channel Seven Perth's Telethon, the world's most-successful television charity fundraiser. Since its inception, Telethon has raised more than \$600 million (AUD) for sick children and medical research and in 2023 raised a record \$77.5 million dollars (AUD).

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Bruce Reynolds

Councillor



Bruce Reynolds is an accomplished business owner and community advocate from the City of Perth Western Australia where he serves the community as a City Councillor.

Bruce is deeply committed to the city's development and the welfare of its residents. His entrepreneurial activities span 27 years of business ownership that currently include founder of Crush Creative, where his team has delivered exceptional design and marketing solutions to major brands and small businesses alike. He is also the owner of Braddock's Dispensary, a specialty coffee house that serves as a community hub.

Bruce also leads Crush Realty, with an expertise in property marketing, administration and sales. His passion for community service extends to non-profit work he has served as a volunteer, board and chair roles.

As the current president of Rotary City he helps facilitate significant community engagement and fundraising efforts with a dedicated team of likeminded members.

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 Bruce.Reynolds@cityofperth.wa.gov.au

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Michelle Reynolds

Chief Executive Officer



Michelle Reynolds has been at the helm of the City of Perth since August 2020. With an emphasis on establishing strong foundations, Michelle is focused on creating a City that is more liveable, sustainable and prosperous.

Michelle oversees a capital city agenda with a local lens to drive strong economic development and investment that benefits the City and the State. With the City sharing daylight with over 60 per cent of the world's population, Michelle has a focus on planning a sustainable global city of the future that supports a vibrant and connected community. The City of Perth is also the gateway to Western Australia and beyond.

Over the last 15 years, Michelle has held several Chief Executive roles and served as both a Chair, and member to multiple Boards and committees. Her career has been defined by her strong leadership of organisations undergoing significant change and reform.

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Stephen Gauld

Chief Executive Officer

Stephen Gauld is the co-founder, CEO and Managing Director of Infinite Green Energy. He has over 20 years' experience within the oil & gas sector, working for some of the largest global service companies and operators including Baker Hughes, GE, Weatherford, ENI, ExxonMobil, Chevron & Woodside.

Sector focus:

Hydrogen

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Company Background:

IGE will enable a sustainable green Hydrogen future using water, solar, and wind energy with no carbon debt.

Through alliances with selected and proven technology partners, IGE will deliver commercial-scale projects that bring renewable energy safely and economically to evolving domestic and international markets.

IGE will be a true Zero Carbon commercial green Hydrogen producer, the first of its kind in Australia, as opposed to existing projects that use traditional fossil fuels to produce liquid hydrogen.

Stage One of the IGE Liquid Hydrogen Project will be the Arrowsmith Project, located in Western Australia. This installation will commence production in late 2025 resulting in 23 tonnes (23,000 kg) of green Hydrogen per day from the zero-carbon energy sources of water, solar, and wind.

The majority of IGE projects will be located in regional Australia resulting in sustainable regional jobs and energy independence.



Max van Someren

Founder

Max is the founder of the Net Zero Network, a not-for-profit which helps members identify how they can have the greatest impact in reducing global greenhouse gas emissions.

Max specializes in working with industry and government to accelerate the pace of industrial de-carbonisation. His background is as an energy systems analyst, R&D team leader and (in a former life) ship designer. He has held leadership roles at KBR, AEMO, Austal Ships and Frazer-Nash Consultancy.

His current professional roles include leading the techno-economic modelling of a Renewable Energy Industrial Precinct (REIP) at Oakajee in the Mid-west for WA+, and the development and implementation of the decarbonisation strategy for Arafura Rare Earths. Max is also Chair of the Engineer's Australia WA Working Group for Energy Transition.

Max spoke on behalf of WA+ about the SuperchargeWA REIP project at the Perth WECF AGM in November 2023. He will be representing WA+, SuperchargeWA and the REIP project, as well as the Net Zero Network.

Sector focus:

Decarbonisation

Contact:

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NZN

Net Zero Network

Company Background:

- Net Zero Network: we help members find their role in meeting the challenges of climate change and harnessing the opportunities of the energy transition. We are over 600+ professionals and sharing their insights online and in-person at our events.
- SuperchargeWA: an initiative of WA+ to identify opportunities to accelerate industrial decarbonisation and economic growth across the electricity, critical minerals and low emissions iron and steel processing chains
- REIP project: demonstrating the economic and emissions advantages of concentrating renewable energy generation and industrial development in specific places. The project will be modelling an example REIP centered on the Oakajee Strategic Industrial Area.



Owen Lock

Principal Applications Engineer

Owen has been actively involved in the global large-scale Battery Energy Storage (BESS) industry since the first MW-scale systems were installed in the USA over 15 years ago. Over this time, he has worked in a wide range of technical and commercial roles for Energy Storage suppliers and manufacturers.


Owen's involvement with many world-first BESS projects has fostered a passion for the role BESS plays in the decarbonisation of large power systems and transitioning the world to a clean energy future.

In his current role at Pacific Energy, Owen specialises in the implementation of advanced technologies to decarbonise power systems, from BESS, to Renewables, Hydrogen, digital control systems and power system modelling.

Sector focus:

Remote Energy Projects

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 110 Daddow Rd, Kewdale WA 6105



Company Background:

- Specialists in the implementation of advanced technologies to decarbonize power systems of all scales.
- Extensive experience with BESS, Renewables, Green Hydrogen production, advanced digital control systems, power system modelling
- World leaders in the implementation of Virtual Synchronous Machine BESS (advanced grid-forming BESS)
- Australia's largest BESS manufacturer
- Australia's largest Independent Power Producer (IPP)
- Supplier of large-scale on and off-grid power systems to mining, O&G and Utility sectors
- Constructed 93 large-scale power station, over 1GW



Peta Ashworth

Director

Professor Ashworth OAM is a renowned expert in energy, communication, stakeholder engagement, and technology assessment. She has researched public attitudes towards climate and energy technologies, including wind, carbon capture and storage (CCS), solar photovoltaic, storage, geothermal and hydrogen, for almost two decades. An accomplished speaker and educator, she actively promotes energy literacy globally and contributes to policy briefings and educational events.


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). She was also Chair of the Queensland Hydrogen Taskforce and is a member of CSIRO Hydrogen Mission Advisory Board. Professor Ashworth brings over thirty years' experience working in a range of senior management, consulting and research roles.

Sector focus:

Energy Research

Contact:

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 Curtin University, 216, Kent St, Bentley WA 6102



Company Background:

- Provides global thought leadership on the topic of climate and energy technologies as they relate to the energy transition
- Uses research to inform stakeholders (government, industry, and the public) about necessary trade-offs, promoting a more informed societal debate on a just transition
- Research areas: Technology and resources; markets, law and governance; people, culture and humanities
- Incubator of a range of green tech resources across the value chain, including critical minerals and improving mining processes



Adrienne LaBombard

Director, Policy & Advocacy

As a member of the CME leadership team, Adrienne (Adi) LaBombard is responsible for the development of industry policy positions and supporting the delivery of CME's policy and advocacy strategy. She works closely with CME member companies and engages collaborating and constructively with government and other stakeholders across a diverse range of diverse range of issues relevant to the Western Australian resources sector. Adi is passionate about genuine consultation and evidenced based and solutions focused approaches. Prior to her current role, Adi managed CME's Industry Competitiveness portfolio with a focus across the areas of economics and productivity, strategic industry development and infrastructure.

Adi joined CME over ten years ago, commencing in the Environment portfolio in September 2012. Previously, Adi worked with the strategic policy team at the Western Australian Department of the Premier and Cabinet. Prior to relocating to Perth in 2008, Adi worked in Human Resources at Dartmouth College in New Hampshire, USA. She holds a Bachelor of Arts from McGill University.

Sector focus:

Minerals

Contact:

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Company Background:

- Leading advocate for the mining and energy sectors in Western Australia
- Member-funded, not-for-profit organisation – formed in 1901
- Leads policy development on issues impacting the sector, promotes the value of the sector to the community, and provides an avenue for members and stakeholders to collaborate
- Policy experts span industry and research activities, occupational health and safety, education and training, the environment, exploration, Indigenous affairs, the economy, infrastructure and tax, and workforce development
- CME's member companies generate 95 per cent of all mineral and energy production and employ 80 per cent of the sector's workforce in the State, with their mining activities spanning from the Kimberley to the Pilbara, Goldfields and to the Southwest of WA



Glenn Corrie

CEO & Managing Director



Company Background:

Hazer Group is an Australian technology company, driving global decarbonisation efforts with the commercialisation of the company's disruptive world-leading climate-tech. Hazer's advanced technology enables the production of clean and economically competitive hydrogen and high-quality graphite, using a natural gas (or biogas) feedstock and iron-ore as the process catalyst.

Hazer successfully commenced production of hydrogen and graphite at its Commercial Demonstration Plant, the technology's 5th scale-up, which will produce 100 tonnes of Hydrogen per annum – a world-first demonstration of thermo-catalytic methane cracking.

Driving its licensing / 'capex-lite' business model, Hazer has developed a strategic partnership with FortisBC to develop a 2,500 tpa commercial production facility in Canada plus additional collaborations with ENGIE, Chiyoda Corporation and Chubu Electric to develop facilities in France and Japan. Hazer is in discussions with other potential customers seeking near-term decarbonisation solutions for industry and hard-to-abate sectors.

Glenn Corrie is CEO & MD of Hazer Group Limited, a leading-edge ASX tech development company commercialising the Hazer Process, a low cost, low carbon emission hydrogen and graphite production process.

Glenn Corrie holds over 25 years of international energy industry, private equity and investment experience, with a proven track record of successfully leading large listed and PE-backed companies.

Previously CEO of ASX-listed Sino Gas & Energy and UK focussed PE-backed NEO Energy, Glenn has held senior executive positions with Ophir Energy PLC and Temasek International, Singapore's state-owned investment company responsible for global energy and renewables investments. Between 1998 to 2010, he held a variety of senior positions within Shell International.

Sector focus:

Hydrogen

Contact:

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Brodie McCulloch

Managing Director

Brodie McCulloch is the Founder and Managing Director of Spacecubed and a Director at CORE Innovation Hub. He is dedicated to building ecosystems that support entrepreneurs, innovators and changemakers, with a focus on driving transformation across various sectors, including mining, energy, resources. Brodie is a Churchill Fellow and has developed skills through courses and MIT and Oxford focused on innovation ecosystems and infrastructure.

Sector focus:

Tech and Innovation

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 191 St George's Terrace, Perth WA 6000



Company Background:

- Manages the Mining, Resources and Energy Innovation Hub
- Since its inception in 2016, has built a national network of hubs - in Perth, Newman, Adelaide, Operators of the Australian Automation and Robotics Precinct (Neerabup) for state agency DevWA, and most recently been appointed Operator of the new Rail Collaboration Centre: Rail Collaboration Centre
- Mission - to build ecosystems and innovation infrastructure for the mining, resources and energy sectors
- Australia's first innovation hub for the resources sector - with a key goal of connecting innovators with industry
- Work with startups, SMEs and industry partners in six key industries – Mining, Energy, Resources, Oil and Gas, Space and Defence
- 5,500 members in ecosystem, 300 events and networking opportunities and 250+ program graduates)



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