



World Renewable  
Energy Congress XXV

**MU** Murdoch  
University

WREC2026

Western Australia  
8 – 13 February 2026

# 2030 Horizon: The Path to Net Zero Emissions with Renewable Energy

Congress Chair:  
Prof Ali Sayigh, Director General WREN

Congress Co-Chairs:  
Prof Tania Urmee, Murdoch University &  
Associate Prof Martin Anda, Murdoch University, Australia

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# Welcome



**Prof Tania Urmee**  
Conference Co-chair

Welcome to the World Renewable Energy Congress 2026 to be held in Perth, Western Australia on 8 – 13 February at Murdoch

University. This conference is dedicated to showcasing the latest advancements and strategies in renewable energy that are driving us towards a zero-carbon future by 2030. This dynamic event brings together world-renowned experts, innovators, policymakers, and industry leaders who are at the heart of the renewable energy revolution. Through a series of keynote speeches, panel discussions, and interactive workshops, attendees will gain invaluable insights into the latest technologies, policies, and initiatives that are shaping our path to a sustainable, carbon-neutral world.

In today's world, the role of energy in national development and overall well-being is more crucial than ever. As we stand at the crossroads of a zero-carbon future, the issues surrounding energy sources, their security, equitable distribution, and environmental impact are at the forefront of discussions for a diverse array of stakeholders. This includes suppliers, consumers, governments, academia, and financial institutions, all pivotal in shaping our renewable energy landscape.

The World Renewable Energy Congress (WREC) stands as a beacon in this transformative era, offering a unique platform that fosters essential networking across these sectors. Our commitment is to address these pressing concerns, facilitating dialogue and exchange through our regular events, exhibitions, and landmark conferences like WREC XXV. I extend my gratitude to the dedicated members of the Executive, National, and International Committees, who are passionately curating an engaging program featuring keynote speakers, site visits, technical tours, and a comprehensive technical schedule.

Visiting Perth in February 2026 will offer you a glimpse into a city transitioning towards renewable energy, showcasing initiatives in solar, wave, wind energy, and cutting-edge biomass and bioenergy technologies. Engage with policy leaders, innovative thinkers, successful scientists, and project developers. I eagerly anticipate meeting you and welcome any inquiries you or your colleagues may have. Perth, a dynamic city nestled along the stunning Swan River, is known for its sunny climate, cultural diversity, and friendly atmosphere. Its growth as a cosmopolitan hub offers a unique blend of



sophistication and relaxed charm. Beyond the city, Western Australia's regional areas offer breathtaking natural beauty, waiting to be explored.

The conference will be hosted at Murdoch University's remarkable sustainable timber design building. This architectural marvel not only aligns with our commitment to sustainability but also sets the perfect stage for discussions and explorations in renewable energy. The University boasts top-notch conference, exhibition, and catering facilities, ensuring an efficient and enjoyable experience for all attendees.

This conference is not just about discussing ideas; it's about taking action. Whether you're a professional in the energy sector, a policy maker, an academic, or simply someone passionate about a sustainable future, "2030 Horizon" offers you the platform to be part of the change.

Join us in shaping a zero-carbon future. Together, we can make the 2030 horizon a reality.

## Congress Topics

- Biomass & Waste to Energy
- Capacity Building and Training
- Carbon capture, Utilization and Storage (CCUS)
- Climate Analysis
- Energy storage and batteries
- Hydrogen Economy
- Hydropower & Ocean Energy
- Photovoltaic Technology
- Policy, Finance, Education & Conservation
- Renewable large Schemes & System Integration
- Solar Thermal & Geothermal
- Sustainable Cities & Low Energy Architecture
- Sustainable Development Goals
- Sustainable Transport
- The use of Artificial Intelligence to optimize the use of renewables
- Wind & Hybrid Energy

## Overview

At no time has energy played a more crucial role in the development and well-being of nations than at present. The source and nature of energy, the security of supply and the equity of distribution, the environmental impact of its supply and utilization, are all crucial matters to be addressed by suppliers, consumers, governments, industry, academia, and financial institutions.

The World Renewable Energy Congress (WREC) is a major recognised forum for networking between these sectors and addresses these issues through regular meetings, exhibitions, and conferences such as WRECXXV.

## Host venue

The conference will be hosted by Murdoch University situated in the southern suburbs of Perth, Western Australia, only 12 minutes by train from the centre of the city and a short bus ride from the popular tourist destination of Fremantle. The University has excellent conference, exhibition facilities and catering facilities which enable delegates to maximize their time during the conference.

Perth itself is a vibrant and energetic city set on the banks of the spectacular Swan River and offers a truly unique experience. It is Australia's sunniest capital city and the fastest growing urban centre, offering cultural diversity and sophistication combined with a relaxed and friendly vibe. Beyond Perth, delegates can choose to experience the breathtaking and unparalleled beauty of the natural attractions in the regional areas of Western Australia.

## Publication

All papers submitted by the appointed deadline, and in the correct format, will be reviewed by the academic review board. The selected papers will be sent for review to a high ranking journal for publication.

## Conference features

- Pre-conference short courses presented by specialists in topical fields.



- Common sessions for keynote and invited speakers.
- Parallel sessions.
- Workshops focussed on technology and policy.
- Field trips – a choice of free visits guided by experts in the area of biomass and bioenergy, geothermal and wave energy, energy storage, and green buildings.
- Technical tour – a choice of technical tours at a nominal cost to facilities in specific fields.
- Social tour – one day social tour will depart after the conference to Western Australia’s rural areas to take in not only the region’s extraordinary natural beauty and biodiversity but will include a visit(s) associated with the theme from the past few days.
- Networking and social functions – a welcome reception and early registration on the first evening, a conference cruise dinner at nominal cost on the Swan River, catered events each evening.

## Accommodation

Murdoch University have reserved several accommodations. The University has several low-cost student apartments available. They also have accommodations at Fremantle and Perth to provide a wide variety of places. The delegates are encouraged to contact

Dr. Kuruville Mathew at email [k.mathew@murdoch.edu.au](mailto:k.mathew@murdoch.edu.au) for accommodation arrangements.”

## Registration Fees

To register for WREC 2026 go to [www.wrec2026.com](http://www.wrec2026.com).

The registration fee includes: conference attendance, conference papers, welcome and closing function, lunches, morning and afternoon refreshments, and conference gala dinner.

A selection of free field trips will be offered during the conference and will be included in the registration fee. There will be a post conference technical tour to Rottnest Island which will incur a nominal additional charge of AUD\$100.

Fees may be paid by credit card, bank cheque/draft, and payable to ATL Events.

Images: Tourism Western Australia



## Important Dates

Abstracts due:

1 September, 2025

Acceptance of abstract:

15 September, 2025

Web hot registration: until

1 October, 2025

Early bird registration: until

1 January, 2026

Standard registration: until

1 Feb, 2026

Final registration: after

2 Feb, 2026

Submission of full papers: by

15 March, 2026

Registration (Including Refreshments and Lunches)	Web hot registration: until 1 October, 2025	Early bird registration: until 1 January, 2026	Standard registration: until 1 Feb, 2026	Final registration: after 2 Feb, 2026
Student/ Retired/Invited speaker	\$650	\$750	\$900	\$1100
Student/ Retired/Invited speaker (Developing Countries)	\$450	\$550	\$800	\$1000
Regular	\$800	\$900	\$1100	\$1500
Regular (Developing countries)	\$500	\$650	\$800	\$1400
Day Registration	\$300	\$350	\$400	\$500
Online Registration (Developed countries)	\$300	\$350	\$400	\$500
Online Registration (Developing countries)	\$200	\$250	\$300	\$400

## Local Executive Committee

Mr. Benny Abraham, Murdoch  
Dr. Himanshu Agrawal, Curtin University  
Assoc. Prof Martin Anda, Murdoch  
Dr A/Prof Ali Arefi, Murdoch  
Dr Martin Bruekner, Murdoch  
Prof. Hui Tong Chua, UWA  
Mr. Simon Dawkins, Oil Mallee  
Dr Furat Dawood, Murdoch  
Ms Lorie Jones, Hydrogen Society  
Dr Kuruvilla Mathews, Murdoch  
Prof Navid Moheimani, Murdoch  
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Mr Ian Porter, Consultant  
Mr. Ro Richardson, DWER  
Assoc. Prof John Ruprecht, Murdoch  
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Dr Jonathan Whale, Murdoch  
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Assoc. Prof Hussein Znad, Curtin University

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Dr. Carol Bond, RMIT University  
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Prof. Xiaolin Wang University of Tasmania  
Dr. Simon Wright, Charles Sturt University, Orange

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Assoc. Prof Md. Didarul Islam, Khalifa University of Science & Technology—Abu Dhabi

Prof. Susan Jacob, Carmel Engineering college, Allepey—India  
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Prof Norbert Wohlgemuth, University of Klagenfurt—Austria  
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Prof. Anastasia Zabaniotou, Aristotle University of Thessaloniki

## Technical Committee

Prof. Ghanim Kadhem Abdulsada, University of Warith Alanbyaa Karbla  
Prof Ananda Amarasekara, A&M University—USA  
Assoc. Prof Mohamad Hussein Farhat, Australian University  
Prof Manuel Correia Guedes, Instituto Superior Técnico—Portugal  
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izr. prof. dr. Uroš Stritih Univerza v Ljubljani, Fakulteta za strojništvo—Slovenia  
Dr Márta Szabó Hungarian University of Agriculture and Life Sciences—Hungary  
Prof L.W. Wang, Shanghai Jiao Tong University—China  
Prof Anastasia Zabaniotou, Aristotle University of Thessaloniki—Greece

## Aboriginal Committee

Ms. Joyce Drummond, Wakuthini Community  
Ms. Catherine Holland, Infrastructure WA  
Dr. Biji Kurup, Murdoch University (Resource Person)  
Ms. Patricia Riley, Pandanus Park, Aboriginal Community  
Mr. Rind Mahnoor, CSIRO  
Mr. Kieran Ryan, British Petroleum  
Mr. Fred Spring, Relspree  
Mr Preston Thomas, Ngaanyatjarra Council

Prof. Roz Walker, Ngangk Yira (Resource person)  
Dr. Mara West, Telethon Kids

## Invited Speakers

Prof. Darwish Abdul Salam University of Bolton—UK  
Prof. Isaac Guedi Capeluto Israel Institute of Technology—Israel  
Dr. Ali H A ALWAEELI American University of Iraq—Iraq  
Prof. Josh Byrne Curtin University—Australia  
Mr. Pradeep Chaturvedi—India  
Mr. Rainer Hinrichs German Renewable Energy Federation (BEE)—Germany  
Mr Frank Jotzo ANU—Australia  
Prof Ming Jun huang University of Ulster, Northern Ireland—Ireland  
Prof Peter Newman Curtin University—Australia  
Prof Hassan NFAOUI—Morocco  
Prof. Neil Hewitt Ulster University—UK  
Dr. Derya Oktay Maltepe University, Istanbul—Turkey  
Prof Ali Saiygh WREN—UK  
Ms. Jessica Shaw MLA Govt. of Western Australia—Australia  
Mr. Max Van Someren, Levelised  
Prof. Liwei Wang Shanghai Jiao Tong University—China  
Assoc. Prof Ahmad Zahedi James Cook University, Queensland—Australia

## Advisory Panel

Prof Parisa Arabzadeh Bahri, Murdoch University  
Prof Garry Baverstock, Wise Earth  
Prof Treena Burgess, Murdoch University  
Dr Craig Carter, Murdoch University  
Prof Rhonda Marriot, Murdoch University  
Prof Shyam Nandwani, Costa Rican Solar Energy Society  
Prof Chanelle Van Den Berg, Murdoch University

## Industry committee

Dr Ghazal Avijegon, ATCO  
Mr. Nikhil Jayaraj, Regon Power  
Dr Shaji Mathews, Aica Engineering  
Mr. Shipin Mathew Varghese, EcoWatt Energy DAC  
Mr. Jeremy Newman, Thorion Energy  
Mr. Dean Sharafi, AEMO  
Mr. Colin Stonehouse, Power Research & Development

### For further information

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[www.wrec2026.com](http://www.wrec2026.com)