



8:45 OFFICIAL OPENING | NT Resources Week

8:50 Welcome to Country

Nicole Brown, **Proud Larrakia Woman**

8:55 OPENING | Opening remarks from the Chair

Izzi Messina, *Vice President, Consulting- Growth & Development- APAC*, **Wood**

9:00 NORTHERN TERRITORY MINISTERIAL ADDRESS

Following the election an invitation will be extended to the Chief Minister, **Northern Territory Government of Australia**

9:20 FEDERAL MINISTERIAL ADDRESS

Hon Madeleine King MP, **Minister for Resources; Minister for Northern Australia**

9:30 PANEL DISCUSSION | The outlook for the energy transition in Australia

- New investment in renewables, critical minerals, clean energy supply chain
- A Future Made in Australia, for all Australians
- Traditional Owner Engagement – Achieving successful, respectful partnerships with shared benefits

Alister Trier, *Chairman – Gas Taskforce*, **Department of the Chief Minister and Cabinet, Northern Territory Government**

Erica Lampropoulos, *Executive Director*, **Pollination Group**

Cameron Garnsworthy, CEO, **SunCable**

Darryl Cuzzubbo, *Managing Director and CEO*, **Arafura Rare Earths Limited**

10:10 PANEL DISCUSSION | The green premium conundrum

- Current pressures are creating tension between near-term financial performance and commitments toward a net-zero world
- Where to from here?

Celia Hayes, *Partner – Sustainability and Climate Change*, **Deloitte**

David Heard, *Executive Counsellor, Energy*, **Dragoman**

10:35 FEDERAL SHADOW MINISTERIAL ADDRESS | Securing the Future

Senator Susan McDonald, **Shadow Minister for Resources and Shadow Minister for Northern Australia**

This concludes our joint Plenary session. Concurrent sessions starting after the refreshment break:

- **SEAAOC**
- **Mining the Territory**
- **NT Clean Energy & Decarbonisation Forum**

10:55 Networking and refreshment break

NT CLEAN ENERGY & DECARBONISATION MAIN SESSION COMMENCES



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11:35 Welcome remarks from the Chair

Tess Dance, *Decarbonisation Geoscience, CSIRO*

11:45 MINISTERIAL ADDRESS |

Following the election, an invitation will be extended to the Minister for Renewables and Energy, Northern Territory Government of Australia

12:10 Developing the First Nations Clean Energy Strategy: What We've Learnt

- What have First Nations communities told us matters about how the net zero transition happens in Australia
- What role can the Commonwealth Government play to support First Nations
- Some recent examples of genuine partnerships and new ways of doing business that need to underpin decarbonisation for all to be successful.

Luana Cormac, General Manager First Nations Clean Energy and Facilitation, Electricity Division, **Department of Climate Change, the Environment, Energy and Water**

12:35 Renewable Hydrogen Industry Development

Zoe McManus, *Director Renewable Hydrogen, Office of Sustainable Energy, Department of Industry, Tourism and Trade, Northern Territory Government of Australia*

1:00 Lunch and networking break

2:00 Decarbonisation, Net Zero and the Circular Economy

- The carbon impact of existing waste management practices,
- The opportunity to reduce GHG emissions with circular practices, and
- The looming waste problem coming with the large scale adoption of renewable energy technologies and how we can reduce the impact with some joined up thinking and clever planning

Hayley Rolfe, *Technical Director - Circular Economy, GHD*

2:20 Supporting decarbonisation of remote power systems. Mid West Towns – lessons learnt from WA

Sana Farshidi, *General Manager, Pacific Energy Northern Territory, Pacific Energy*

2:40 Plans to develop Renewable infrastructure projects across Northern Australia

Bevan Mailman, *Co-Chair, Desert Springs Octopus*

3:00 Total Eren's plans for a green hydrogen facility on Middle Arm

Rontheo van Zyl, *Head of Development, TE H2 Australia*

3:20 Networking and refreshment break in the exhibition

4:00 AAPowerLink Project Update

Cameron Garnsworthy, *Managing Director, SunCable*

4:25 PANEL DISCUSSION | Hydrogen and Unleashing the Territory's Potential: Transition to Net Zero

Gaurav Sareen, Lead Partner, Government Incentives & NT Government and Public Sector, **Deloitte Touche Tohmatsu**

Dr Damian Barrett, *Research Director, CSIRO*
Senior representative, Pacific Energy

4:55 Closing remarks from the Chair

5:00 Networking Drinks in the exhibition halls

6:30 NT RESOURCES WEEK GALA DINNER

Mindil Beach Casino & Resort



9:00 Welcome remarks from the Chair

Gaurav Sareen, Partner, Climate and Sustainability and *Global Investment and Innovation Incentives (Gi³)*,
Deloitte Touche Tohmatsu

9:10 The outcomes of the NT LEH business case

Andrew Ross, *Group Leader, Geochemistry, Geosystems & Geodata*, **CSIRO**

9:35 Carbon Capture and Storage | Delivering Net Zero in Australia and the Region

- The role of CCS in net zero, globally and in Australia
- The status of CCS in Australia and the Northern Territory
- Scaling up CCS in Australia and the region

Brendan Beck, *Director Net Zero Technologies*, **Australian Energy Producers**

10:00 Progress on the Northern Territory's CCUS Projects

This presentation will provide an update on development of the Northern Territory's CCUS agenda and Project at Middle Arm

Dr Howard David Smith, *Director Middle Arm and Gas Manufacturing, Gas Taskforce Unit, Department of the Chief Minister and Cabinet*, **Northern Territory Government**

10:25 Advancing the Bonaparte Carbon Capture and Storage (BCCS) Project

- How BCCS is progressing through early storage appraisal and engineering
- How BCCS is set to become one of the region's largest and most important CCS projects
- How the project provides the opportunity to provide significant CO₂ sequestration opportunities for both local and overseas emitters.

Mathieu Muller, *CCS Subsurface Lead*, **INPEX**

10:50 Networking and refreshment break

11:25 Unlocking collaboration - The power of multi-user infrastructure

- Efficiency and optimisation
- Platform to facilitate energy transition

Paul Kanters, *Managing Director*, **Vopak Terminals Australia**

11:50 Key updates on accelerating the energy transition and Tamboran's initiatives to achieve net zero targets

- Tamboran has a target of achieving Net Zero Scope 1 emissions by first commercial production
- Review of key decarbonization activities taken to date
- Discussion of future decarbonization activities
- Role of natural gas to reduce Australian and Global GHG emissions

Scott Crabtree, *Vice President Sustainability*, **Tamboran Resources Limited**

Simon Flowers, *LNG Project Lead*, **Tamboran Resources**



12:15 CarbonAssist™: Novel Hybrid CO2 Capture System From The Atmosphere (DAC)

- Current status of DAC technologies
- A unique approach and solution - chemistry and engineering
- Performance and development status

Amir Aryana, *Group Leader, Energy Resources, Energy CSIRO*

12:40 The gigawatt-scale challenge – early learnings from the environmental approvals process for SunCable's Australia-Asia PowerLink Project

This presentation will share SunCable's learnings from the AAPowerLink process so far, and canvass some of the challenges and opportunities for environmental assessment and approval of large-scale renewables projects in the NT.

Kylie Welch, *Development Manager for Environment, SunCable*

1:00 Lunch and networking break

2:10 The Race to Upcycle Carbon Dioxide - A CCU Technologies Demonstration Facility for Darwin

- Project update
- Outline of at least two attractive candidate technologies -
 - A particular (advanced TRL) technology that uses CO2 and renewable energy to produce bio-degradable plastics precursors at potentially commodity scale
 - A particular (advanced TRL) technology that uses CO2 and solar radiation to produce a high protein stockfeed and a 'drop-in' diesel-spec bio-oil co-products
- Explanation of the opportunity/potential for industrial-scale application at Middle Arm and elsewhere in the NT
- Explanation of a good fit with MASDP objectives for a sustainable 'eco-system' of related processing industry

Robert Malabar, *Director, Middle Arm Petrochemicals Pty Ltd*

2:30 PANEL DISCUSSION | Territory's plans towards a Net Zero Future

- The importance of achieving net zero emissions and its impact on our environment and economy.
- Strategies and best practices for reducing carbon emissions and transitioning to renewable energy sources.
- Role of technology and innovation in accelerating the transition to a sustainable future.
- Need for collaboration and collective action
- Role of policy and regulation in supporting the transition to a net zero economy.
- Importance of educating and engaging the communities in the transition to a sustainable future

Robert Malabar, *Director, Middle Arm Petrochemicals Pty Ltd*

Paul Purdon, *Executive Director Environmental Assessment and Policy, Department of Environment, Parks and Water Security, Northern Territory Environment Protection Authority*

15:10 Closing remarks from the Chair & End of Conference

16:30 NT RESOURCES WEEK SUNSET HARBOUR CRUISE

Departing from Stokes Hill Wharf