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**ASIA-PACIFIC
HYDROGEN
2024**
SUMMIT & EXHIBITION

12-13 SEPTEMBER 2024
BRISBANE, AUSTRALIA

**Uniting Government & Industry to Accelerate
Hydrogen Development**

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Confirmed Summit Speakers Include:

1. **The Hon Chris Bowen MP**, Minister for Climate Change and Energy, **Australian Government**
2. **Honourable Mick de Brenni**, Minister for Energy and Clean Economy Jobs, **Queensland Government**
3. **Anja Hajduk**, State Secretary, **Federal Ministry for Economic Affairs and Climate Action, Federal Republic of Germany**
4. **H.E. Ms. Daiva Garbaliuskaitė**, Vice-Minister of Energy, **Republic of Lithuania**
5. **Rebecca Thomson**, Director, Guarantee of Origin and Trade, **Department of Climate Change, Energy, the Environment and Water, Australian Government**
6. **Paul Martyn**, Director-General, Department of Energy and Climate, **Queensland Government**
7. **Alana Barlow**, Deputy Director-General Hydrogen and Future Fuels, Department of Energy and Climate, **Queensland Government**
8. **Gerard Coggan**, Coordinator General, Office of the Coordinator-General, **Department of State Development and Infrastructure, Queensland Government**
9. **Damien Walker**, Chief Executive of the Department of the Premier & Cabinet, **Government of South Australia**
10. **Sam Crafter**, Chief Executive Officer, **Office of Hydrogen Power SA, Government of South Australia**
11. **Tim Stock**, Director Hydrogen and Clean Energy, **Department of Climate Change, Energy, the Environment and Water, NSW Government**
12. **Katie Cook**, Acting Director, Energy Transition Strategies, **Department of Jobs, Tourism, Science and Innovation, Government of Western Australia**
13. **David Bolsman**, Senior Advisor on Hydrogen Policy Support, **Netherlands Enterprise Agency**
14. **Jennifer Mackinlay**, General Manager – United Kingdom, Europe & Israel, **Austrade**
15. **Dr Yuichiro Fujiyama**, Senior Vice President, CTO, **ENEOS Holdings, Inc.**
16. **Lucy Nation**, Country President Australia & Vice President Hydrogen, Australia and Asia Pacific, **bp**
17. **Dr Fiona Simon**, CEO, **Australian Hydrogen Council**
18. **Leigh Kennedy**, General Manager - Industry & Supply Chain Development, **Australian Hydrogen Council**
19. **Menno Weustink**, Vice President New Energy APAC, **Woodside Energy**
20. **Jeremy Hasnip**, Head of Energy Transition, Australia, **Sumitomo Mitsui Banking Corporation**
21. **Dr Jeffrey Goldmeer**, Director of Energy Transition Technologies, **GE Vernova**
22. **Steve Quilter**, Executive General Manager, Growth and Future Energy, **Stanwell Corporation**
23. **Michael Choi**, Chief Executive Officer, **Ark Energy**
24. **Angela Walker**, Group Manager - APAC, **Fortescue**
25. **Cameron Smith**, CEO, **Fortescue Hydrogen Systems**

26. **Matthew Hingerty**, Deputy Chairman, Deputy CEO, Head of Business Development, **Star Scientific Limited**
27. **Greg Pratt**, Tax & Legal Climate & Sustainability Leader, **Deloitte Australia**
28. **Taisuke Horimi**, Executive Counsellor, Green Transformation Development, **Nippon Steel Corporation**
29. **James Hunt**, Vice President, Power Systems and Services, **Schneider Electric**
30. **Dr Vicky Au**, Decarbonisation Director – APAC, **Wood**
31. **John Gunn**, Global Operations Executive – Hydrogen, **Bechtel**
32. **David Kagi**, Hydrogen Commercial Manager for Asia Pacific, **Chevron New Energies**
33. **Ren Jiang**, Sales President, APAC, **LONGi Hydrogen**
34. **Tim Murray**, Head of Commercial – Australia and New Zealand, **Technip Energies**
35. **Jason Mortimer**, SVP of Global Sales, **Electric Hydrogen**
36. **Dr. Hans Dieter Hermes**, Executive Vice President Hydrogen & Clean Energies, **SEFE Securing Energy for Europe GmbH**
37. **Samuel Morillon**, Managing Director of Australasia, **Siemens Energy**
38. **Damian Dwyer**, Director of External Affairs, **Low Emission Technology Australia (LETA)**
39. **Yuji Kobayashi**, Senior General Manager, e-methane Business Development Department, Green Transformation Company, **TOKYO GAS CO., LTD.**
40. **Kohei Toyoda**, Director General for Energy Transformation Strategy, Energy and Natural Resources Finance Group, **Japan Bank for International Cooperation (JBIC)**
41. **Ashley Manners**, Global Leader - Growth & Energy Transition, **Veolia - Water Technologies & Solutions**
42. **Andrew Willis**, Manager, Carbon Policy, **Toyota Australia**
43. **Silvio Konrad**, Chief Operating Officer Business Unit Energy & Resources, **TÜV NORD**
44. **Scott Nargar**, Senior Manager Future Mobility & Government Relations, **Hyundai**
45. **Vesna Olles**, Director Strategy & Clean Energy, **BOC**
46. **Fanny Mattens**, Head of Strategic Development & Sustainability, **Airbus, New-Zealand and the Pacific**
47. **Rebecca Halliday**, Founder – Principal, **GIRA**
48. **Jo Clarke**, Australia Country Manager and Bureau Chief, **Argus Media**
49. **Alexandra McIntosh**, Director - Business Development & Transactions, **Australian Renewable Energy Agency (ARENA)**
50. **Rupert Maloney**, Executive Director, Alternative Fuels, **Clean Energy Finance Corporation**
51. **Susana Moreira**, Executive Director, Co-chair, **H2Global Foundation**
52. **Leigh Collins**, Editor, **Hydrogen Insight**
53. **Connie Lo**, Vice President, **NexantECA**
54. **Florence Lindhaus**, Head of Hydrogen, Cluster Manager - Energy & Head of Melbourne Office, **German-Australian Chamber of Industry and Commerce**
55. **Alex Zapantis**, General Manager of External Affairs, **Global CCS Institute**
56. **David Lloyd**, Founder, **Safoir**

SUMMIT DAY ONE

THURSDAY 12 SEPTEMBER

08:00 Registration & Welcome Networking Breakfast

Hosted by



08:45 Welcome Remarks

Welcome to Country

Elliott McGinn, Director, Sustainable Energy Council (SEC)

Dr Fiona Simon, CEO, Australian Hydrogen Council

09:15 Official Opening Keynote Addresses

Paul Martyn, Director-General, Department of Energy and Climate, Queensland Government

Anja Hajduk, State Secretary, Federal Ministry for Economic Affairs and Climate Action, Federal Republic of Germany

09:45 Session 1: Mega Projects in APAC Driving Supply & Demand of Hydrogen

- Current projects in the region leading the development of the hydrogen industry
- Lessons learnt to date from effective policy-project integration
- Hubs and clusters driving hydrogen trade in APAC
- Latest technologies enabling competitive hydrogen projects
- Next steps in creating a complementary hydrogen ecosystem

Keynote Address: ENEOS's Hydrogen Business Strategy

Dr Yuichiro Fujiyama, Senior Vice President, CTO, ENEOS Holdings, Inc.

Moderator:

Dr Fiona Simon, CEO, Australian Hydrogen Council

Panellists:

Lucy Nation, Country President Australia & Vice President Hydrogen, Australia and Asia Pacific, bp

Michael Choi, Chief Executive Officer, Ark Energy

Dr Jeffrey Goldmeier, Director of Energy Transition Technologies, GE Vernova

Dr Yuichiro Fujiyama, Senior Vice President, CTO, ENEOS Holdings, Inc.

10:45 **Networking Coffee Break**

Hosted by



11:30 **Spotlight Session: Fortescue - Navigating the Green Frontier**

Angela Walker, Group Manager - APAC, Fortescue

11:40 **Session 2: Hydrogen Trade Across APAC & the World**

Hosted by **Deloitte.**

- The role of hydrogen for energy security in the APAC region
- Advantages and challenges of promoting domestic hydrogen use vs expanding regional trade
- Partnerships creating a hydrogen trade ecosystem in APAC
- Emerging trade corridors and hydrogen transportation networks across APAC and worldwide
- Analysing global demand trends and identifying strategic partnerships within APAC
- Strategies for expanding hydrogen infrastructure across APAC

Moderator: Greg Pratt, Tax & Legal Climate & Sustainability Leader, **Deloitte Australia**

Panellists:

Menno Weustink, Vice President New Energy APAC, **Woodside Energy**

Dr. Hans Dieter Hermes, Executive Vice President Hydrogen & Clean Energies, **SEFE Securing Energy for Europe GmbH**

Yuji Kobayashi, Senior General Manager, e-methane Business Development Department, Green Transformation Company, **TOKYO GAS CO., LTD.**

12:30 **Session 3: Breaking Barriers: Decarbonising APAC's Industrial Sectors**

- Case studies of hydrogen applications for steel, cement, plastics, chemicals, fertilisers
- Latest trends in the hydrogen industry and their impact on green iron and steel production
- Leveraging hydrogen applications to decarbonise data centres across the region
- Public-private initiatives driving decarbonisation in challenging sectors across the Asia-Pacific region
- Hydrogen integration into hard-to-abate sector supply chains across production, distribution and use
- Cross-sector partnerships securing long-term demand to drive decarbonisation goals

Moderator: Jo Clarke, Australia Country Manager and Bureau Chief, **Argus Media**

Panellists:

Sam Crafter, Chief Executive Officer, **Office of Hydrogen Power SA, Government of South Australia**

Matthew Hingerty, Deputy Chairman, Deputy CEO, Head of Business Development, **Star Scientific Limited**

Taisuke Horimi, Executive Counsellor, Green Transformation Development, **Nippon Steel Corporation**

James Hunt, Vice President, Power Systems and Services, **Schneider Electric**

13:15 **Networking Lunch**

14:30 Session 4: Financing the Future of Clean Energy

- Government incentives aimed at promoting clean energy investment: Australia's Hydrogen Headstart program, Japan's CfD scheme, U.S. IRA and others
- How does the new Australian hydrogen production tax incentive compare to other regulatory frameworks in the region?
- Risk management and insurance strategies to enable financing of hydrogen projects
- The roles of debt and equity in funding clean energy initiatives
- Strategies for mitigating risks associated with clean energy investments, including technology risks, regulatory uncertainties, and market volatility
- Forecasts for clean energy financing, key drivers of growth, challenges, and innovation

Keynote Address: **Jeremy Hasnip**, Head of Energy Transition, Australia, **Sumitomo Mitsui Banking Corporation**

Moderator: **Susana Moreira**, Executive Director, Co-chair, **H2Global Foundation**

Panellists:

Alexandra McIntosh, Director - Business Development & Transactions, **Australian Renewable Energy Agency (ARENA)**

Kohei Toyoda, Director General for Energy Transformation Strategy, Energy and Natural Resources Finance Group, **Japan Bank for International Cooperation (JBIC)**

Rupert Maloney, Executive Director, Alternative Fuels, **Clean Energy Finance Corporation**

Tim Stock, Director Hydrogen and Clean Energy, **Department of Climate Change, Energy, the Environment and Water, NSW Government**

15:30 Fireside Chat: First Nations Clean Energy Networks

Chair: **Fiona Simon**, CEO, **Australian Hydrogen Council**

Speaker: **Rebecca Halliday**, Founder – Principal, **GIRA**

15:45 Session 5: Optimising Hydrogen Infrastructure to Enable the Emerging Industry

- Strategies to streamline hydrogen transportation and distribution to enable off-take
- Case studies on innovative hydrogen storage in the region
- Enabling large-scale hydrogen storage to improve energy system resilience
- Hydrogen hubs and supply chain integration across APAC: The role of industrial clusters and Ports in developing sustainable hydrogen ecosystems
- Government incentives and regulations across APAC enabling the buildup and repurpose of hydrogen infrastructure
- Import/export terminal developments across APAC

Moderator: **Fiona Simon**, CEO, **Australian Hydrogen Council**

Panellists:

Damien Walker, Chief Executive of the Department of the Premier & Cabinet, **Government of South Australia**

Gerard Coggan, Coordinator General, Office of the Coordinator-General, Department of State Development and Infrastructure, **Queensland Government**

Ren Jiang, Sales President, APAC, **LONGi Hydrogen**

16:30 Networking Coffee Break

Hosted by



17:00 Session 6: Advancing Low-Carbon Hydrogen Production & Carbon Capture Solutions

- Updates on the latest advancements in low-carbon hydrogen production technologies and carbon capture solutions
- Policies, regulations, and incentives driving deployment of low-carbon hydrogen and CCS technologies
- CCUS as a key enabler of hydrogen demand and infrastructure development to meet current targets
- Challenges and barriers hindering the widespread adoption and deployment of low-carbon hydrogen and carbon capture solutions
- Country perspectives highlighting best practices, lessons learned, and opportunities for international collaboration

Moderator: Alex Zapantis, General Manager of External Affairs, **Global CCS Institute**

Panellists:

David Kagi, Hydrogen Commercial Manager for Asia Pacific, **Chevron New Energies**

Tim Murray, Head of Commercial – Australia and New Zealand, **Technip Energies**

Ashley Manners, Global Leader - Growth & Energy Transition, **Veolia - Water Technologies & Solutions**

Damian Dwyer, Director of External Affairs, **Low Emission Technology Australia (LETA)**

17:45 End of Summit Day 1

18:15 Evening Reception

Hosted by



SUMMIT DAY TWO

FRIDAY 13 SEPTEMBER

08:00 Registration & Welcome Networking Breakfast

Hosted by  Queensland
Government

09:00 Opening Welcome Addresses

The Hon Chris Bowen MP, Minister for Climate Change and Energy, **Australian Government**

Honourable Mick de Brenni, Minister for Energy and Clean Economy Jobs, **Queensland Government**

09:30 Session 7: Renewable Hydrogen Production

- Current projects spearheading hydrogen production in APAC from wind, solar and hydroelectric
- International collaboration and public-private partnerships expediting the advancement of the clean hydrogen revolution
- Analysing the diverse range of applications for clean hydrogen across industries, including transportation, manufacturing, energy storage and grid stabilisation
- Will Australia's hydrogen production tax incentive of AU\$2/kg produced using renewable energy be a gamechanger?
- Challenges and opportunities to scale up production

Moderator: Jennifer Mackinlay, General Manager – United Kingdom, Europe & Israel, **Austrade**

Panellists:

Katie Cook, Acting Director, Energy Transition Strategies, **Department of Jobs, Tourism, Science and Innovation, Government of Western Australia**

Dr Jeffrey Goldmeier, Director of Energy Transition Technologies, **GE Vernova**

Samuel Morillon, Managing Director of Australasia, **Siemens Energy**

John Gunn, Global Operations Executive – Hydrogen, **Bechtel**

10:30 Spotlight: Electrolyser Developments Transforming the Hydrogen Landscape

- Electrolyser giga factories making net zero targets a reality
- Electrolyser integration into existing demand centres
- Cost competitiveness of electrolysers in APAC and World-wide

Moderator: Leigh Kennedy, General Manager - Industry & Supply Chain Development, **Australian Hydrogen Council**

Panellists:

Cameron Smith, CEO, **Fortescue Hydrogen Systems**

Jason Mortimer, SVP of Global Sales, **Electric Hydrogen**

11:00 Networking Coffee Break

Hosted by 
Central Queensland Hydrogen Project

11:45 Spotlight: Delivering the Central Queensland Hydrogen Project

Steve Quilter, Executive General Manager, Growth and Future Energy, **Stanwell Corporation**

12:00 Session 8: Beyond Hydrogen: Advanced Energy Carriers to Facilitate Storage & Transport of Molecules

- Hydrogen carriers for world-wide trade: ammonia, methanol, LOHCs and liquid hydrogen and their potential applications in sustainable transport and storage
- Efficiency, scalability and practicality of different energy carriers for various transportation modes
- Market opportunities and challenges for adopting advanced energy carriers, including cost, competitiveness, regulatory frameworks and public acceptance
- Addressing safety concerns and environmental impacts associated with the transportation and use of alternative energy carriers, and identifying strategies to mitigate risks and ensure sustainability

Moderator: Dr Vicky Au, Decarbonisation Director – APAC, **Wood**

Panellists:

Connie Lo, Vice President, **NexantECA**

Florence Lindhaus, Head of Hydrogen, Cluster Manager - Energy & Head of Melbourne Office, **German-Australian Chamber of Industry and Commerce**

Silvio Konrad, Chief Operating Officer Business Unit Energy & Resources, **TÜV NORD GROUP**

12:45 Session 9: Advancing Hydrogen Mobility on Sea, Land & Air: Market Growth in the Asia-Pacific Region

- Latest projects utilising hydrogen and derivatives as a fuel in shipping, long-haul trucking and aviation
- Analysing the current state and future outlook of the hydrogen mobility market in the region
- Harnessing opportunities for Hydrogen Fuel Cells and Hydrogen ICE
- Strategies for scaling up hydrogen refuelling stations and infrastructure to support the growth of hydrogen mobility for trucks, buses and trains
- Sea ports and airports as enablers of hydrogen mobility
- Identifying challenges to enable wider adoption of hydrogen mobility solutions in the region

Moderator: Alana Barlow, Deputy Director-General Hydrogen and Future Fuels, Department of Energy and Climate, **Queensland Government**

Panellists:

Vesna Olles, Director Strategy & Clean Energy, **BOC**

Andrew Willis, Manager, Carbon Policy, **Toyota Australia**

Scott Nargar, Senior Manager Future Mobility & Government Relations, **Hyundai**

Fanny Mattens, Head of Strategic Development & Sustainability, **Airbus, New-Zealand and the Pacific**

13:30 Networking Lunch

14:30 Spotlight: Lithuania's Hydrogen Plans towards Energy Security

H.E. Ms. Daiva Garbaliuskaitė, Vice-Minister of Energy, Republic of Lithuania

14:45 Spotlight: Navigating Global Markets: Standardisation, Regulations and Certification

- Latest standards on hydrogen production, storage, transport, measurement and use
- Are regulations keeping up with the standards and certification schemes worldwide?
- Public, private, independent certification schemes and methodologies – what are the issues with harmonisation?
- Certification procedures and requirements for hydrogen and best practices for achieving compliance
- International leadership driving mutual recognition and consistent regulatory frameworks

Trilateral Feasibility Study Update:

David Bolsman, Senior Advisor on Hydrogen Policy Support, Netherlands Enterprise Agency

Moderator: Dr Fiona Simon, CEO, Australian Hydrogen Council

Panellists:

Rebecca Thomson, Director, Guarantee of Origin and Trade, Department of Climate Change, Energy, the Environment and Water, Australian Government

David Bolsman, Senior Advisor on Hydrogen Policy Support, Netherlands Enterprise Agency

Susana Moreira, Executive Director, Co-chair, H2Global Foundation

15:30 Networking Coffee Break

Hosted by 
Central Queensland Hydrogen Project

16:00 Session 10: Charting the Future: Collaborative Pathways for APAC's Hydrogen Leadership

- Hydrogen industry's expected trajectory over the next 5-10 years: Growth areas, technological advancements and market opportunities
- Identifying the critical steps and initiatives required to realise the mid to long-term goals of the hydrogen industry
- Leveraging insights gained to bring hydrogen projects to FID
- Skills development and capacity building initiatives to support the growth of the hydrogen industry

Moderator: Leigh Collins, Editor, Hydrogen Insight

Panellists:

Dr Fiona Simon, CEO, Australian Hydrogen Council

Rupert Maloney, Executive Director, Alternative Fuels, Clean Energy Finance Corporation

David Lloyd, Founder, Safoir

17:00 Closing Remarks & End of Asia-Pacific Hydrogen Summit 2024