



Matt Kean
Treasurer, Minister for Energy & Environment, NSW



Maria Mendiluce
Chief Executive Officer
We Mean Business Coalition



Andrew Forrest AO
Chair & Founder
Fortescue Metals Group



Mike Cannon-Brookes
Co-founder & Co-Chief Executive Officer, Atlassian



Helen Clarkson
Chief Executive Officer
Climate Group



Sir Richard Branson
Founder
Virgin Group



Andrew Steer
President & Chief Executive Officer, Bezos Earth Fund



Amy Brown
Chief Executive Officer
Investment NSW



Keith Tuffley
Global Co-Head,
Sustainability & Corporate Transitions Group, Citi



Katharine Tapley
Head of Sustainable Finance
ANZ



Jacki Johnson
Co Chair, United Nations Environment Programme Finance Initiative



John McMurdo
Chief Executive Officer & Managing Director
Australian Ethical

Climate Growth and Accelerating Pathways to Zero Emissions

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Polestar





The risks of climate change are clear. Nations are responding with commitments to net zero emissions and with massive investments into clean energy, decarbonisation technologies and carbon services.

Of all nations Australia faces some of the most extreme climate risks but also the greatest opportunity. NSW has recognised this with its Net Zero Plan to build resilience to climate change and generate economic growth, with new jobs and climate prosperity.

Technology will be critical to achieve net zero and the Impact X Summit on Climate Growth will bring Australia's most promising and exciting innovators to the stage. The Summit will directly address the decarbonisation and resilience opportunity and connect technology founders and carbon service providers with the investors, buyers and partners they need to scale.

OVERVIEW

- Exhibition to showcase decarbonisation technologies and solutions across five industry sectors – Energy, Transport & Infrastructure, Industry & Manufacturing, Built environment and Agriculture & Land use
- High-level international and national speakers from business, government, investment and NGOs
- Dedicated plenary and breakout sessions presenting pathways to zero emissions for input from participants and recommendations for action
- More than 1000 participants
- Technology startups with clean tech, decarbonisation and climate resilience solutions
- Large scale renewable energy and clean tech projects with opportunities for climate growth job creation

02–03
NOVEMBER

VIRTUAL
SUMMIT

THE IMPACT X SUMMIT AIMS TO:

POSITION NSW & AUSTRALIA AS A WORLD LEADER IN CLEAN ENERGY, DECARBONISATION & CLIMATE RESILIENCE

BRING AUSTRALIAN TECHNOLOGIES TO THE GLOBAL CLIMATE STAGE DURING COP 26

OPEN NEW MARKETS FOR AUSTRALIAN DECARBONISATION & RESILIENCE TECHNOLOGIES

PRESENT INDUSTRY ROADMAPS TO ZERO EMISSIONS FOR INPUT & RECOMMENDATIONS FOR ACTION FROM PARTICIPANTS



WHY YOU SHOULD ATTEND

Asia Pacific's largest climate event

Join us at Asia Pacific's most important climate event of 2021.

01

Latest climate technology innovations

Observe the latest innovations impacting the multi trillion-dollar energy and carbon industries.

02

Meet investors, leaders, and decision makers

Meet the founders constructing resilient cities and those working to accelerate the transition of energy systems to renewable sources

03

Hear direct from the NSW Government

Hear direct from the NSW Government on the latest plans and climate action.

04

Unparalleled networking opportunities

Join other successful individuals in the industry making an impact on the planet today.

05

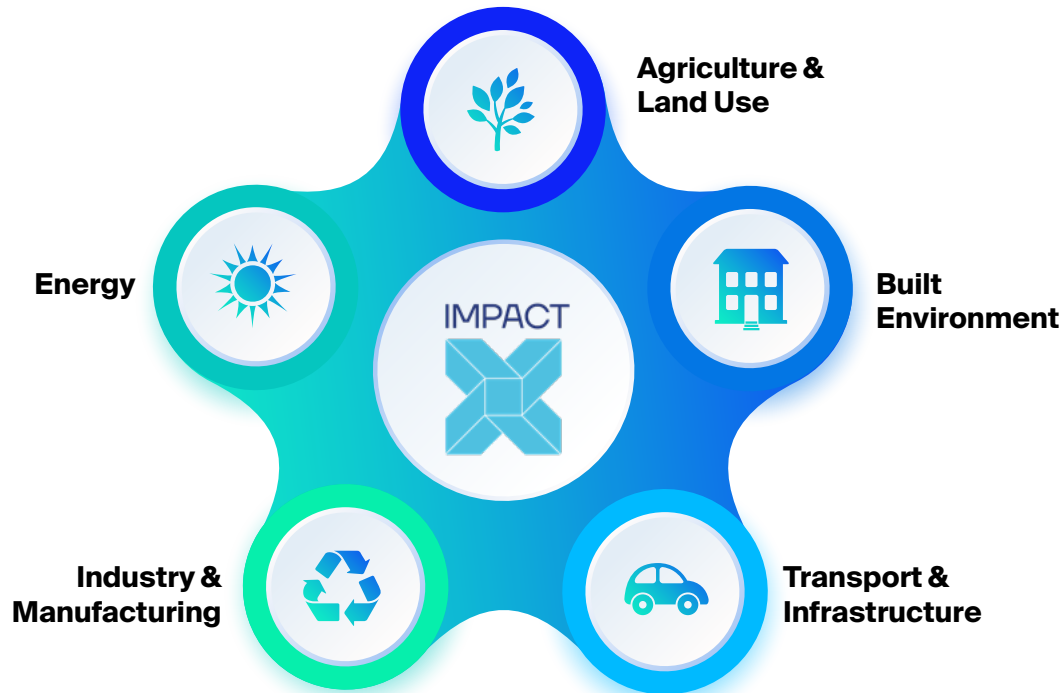
A COVID SAFE EVENT



IX Sydney is supported by the Government of NSW and as such follow the guidelines of The Major Events Taskforce. The event venue, ICC Sydney recognises the safety requirements posed by COVID-19 and is committed to the continued delivery of world class events in a COVID safe venue. ICC Sydney's safety management system has been independently certified by an accredited third party organisation to globally recognised international standards for quality (ISO9001), safety (ISO45001), environmental (ISO14001) and food safety (ISO22000) management. For more information, see ICC EVENT SAFE.



Accelerating pathways to zero



The race of nations to achieve Net Zero by 2050 is on, driving a rapid decarbonisation of industries and the atmosphere, at scale.

Agriculture & Land Use

Urban farming, gene technologies, sustainable land management, synthetic biology, bioenergy, enteric emissions reduction.

Built Environment

Alternative materials, carbon positive building, geopolymers, cement, urban planning, water & waste management, urban planning.

Transport & Infrastructure

Electric vehicles, urban mobility, clean shipping, hydrogen freight, EV infrastructure and demand management, aviation.

Industry & Manufacturing

Advanced manufacturing, circular economy & material efficiency, carbon capture & utilisation, green hydrogen steel.

Energy

Energy efficiency, power generation & distribution, solar & wind, hydrogen, advanced batteries and storage.





AGENDA

Please note that the timings indicated below are Sydney time (AEDT).

Tuesday, 2 November, 2021

Plenary: Session 1

0900-0910 **Welcome and introduction**
Susan Moylan-Coombs, Founder & Director, The Gaimaragal Group
Tony Boatman, Co-founder, Impact X

0910-1010 **Opening speakers**
Dermot O’Gorman, Chief Executive Officer, WWF Australia
Tim Reed, President, Business Council of Australia
June Oscar AO, Aboriginal & Torres Strait Islander Social Justice Commissioner
Amanda McKenzie, Co-Founder & Chief Executive Officer, Climate Council
Matt Kean, Treasurer, Minister for Energy & Environment, NSW

1010-1040 **Opening discussion: The decarbonisation and resilience opportunity**

This opening panel will look at the goals, progress and outlook for the NSW Net Zero Plan. Speakers will discuss the job creation and economic growth to be generated from delivering the plan and highlight the need and opportunity for large corporations and financial institutions to invest in this.

Moderator: **Martijn Wilder AM**, Founding Partner, Pollination
Ian Kay, Chief Financial Officer, ARENA
Jillian Broadbent AC, Non-Executive Director, Macquarie Group

1040-1050 **Keynote**
Ian Learmonth, Chief Executive Officer, Clean Energy Finance Corporation

1050-1100 **Keynote**
Kane Thornton, Chief Executive, Clean Energy Council

1100-1115 **Coffee Break**

Plenary: Session 2

1115-1125 **Keynote**
Reece Proudfoot, Head of Innovation & Impact Investing, WWF Australia

1125-1155 **Discussion: Accelerating investment in climate growth**

Massive investment in net zero infrastructure and technologies will be critical to future growth and to accelerating the transition to net zero emissions by 2050 at the latest. This panel will discuss a roadmap for the finance sector to deliver this investment.

Moderator: **Jacki Johnson**, Co Chair, UN Environment Programme Finance Initiative

Rachel Lord, Senior Managing Director, Chair & Head of Asia Pacific, BlackRock
Katharine Tapley, Head of Sustainable Finance, ANZ

1155-1210 **Keynote**
Gretta Stephens, Chief Executive Climate Change, New Zealand & Pacific Islands, BlueScope

1210-1220 **Presentation: Pathways to Zero – Energy**
Zoe Whitton, Executive Director, Pollination

1220-1230 **Presentation: Pathways to Zero – Transport & Infrastructure**
Ainsley Simpson, Chief Executive Officer, Infrastructure Sustainability Council

1230-1240 **Presentation: Pathways to Zero – Industry & Manufacturing**
Sanaya Khisty, Chief Strategy Officer, Beyond Zero Emissions

1240-1250 **Presentation: Pathways to Zero – Built Environment**
Anna Skarbek, Chief Executive Officer, ClimateWorks Australia

Plenary: Session 3

1250-1300 **Presentation: Pathways to Zero – Agriculture & Land use**
Fiona Davis, Chief Executive Officer, Farmers for Climate Action

1300-1345 Lunch Break

1345-1350 Race to Zero for NSW Launch
Tony Boatman, Co-founder & Director, Impact X

1350-1400 **International keynote**
Jonathan Foley, Executive Director, Project Drawdown

1400-1410 **Keynote**
Amy Brown, Chief Executive Officer, Investment NSW

1410-1440 **Discussion: Accelerated pathways and the technology investment roadmap**

This panel will look at how the Australian Technology Investment Roadmap can prioritise investments and provide a framework for decarbonising major industries. With raised ambition for 2030 and 2050 targets going into COP 26, the panel will discuss the role of critical technology investment in accelerating national pathways to net zero.

Moderator: **Justin Punch**, Chair, ARENA
Jason Crusan, Vice President Technology, Woodside
Laura Hillis, Director of Corporate Engagement, Investor Group on Climate Change
Ian Campbell, Managing Director, Citi

1440-1450 **Keynote**
David Brand, Chief Executive Officer, New Forests

1450-1500 **Keynote**
Rowan Foley, Chief Executive Officer, Aboriginal Carbon Foundation

1500-1510 Coffee Break

Plenary: Session 4

1510-1520 **Keynote**
Veena Sahajwalla, Director, Sustainable Materials Research & Technology, UNSW

1510-1520 **Keynote**
Juliet Bell, Mission Lead, Climate, CSIRO

1530-1600 **Discussion: Indigenous solutions to rebalance the planet**

First Nations people across the world are disproportionately affected by the impacts of climate change. Their knowledge and observations can be central to solving this. This panel will discuss the potential for traditional climate and nature-based practices that have existed for thousands of years to drive future indigenous-led innovation, entrepreneurship, and solutions to rebalance the planet.

Moderator: **Susan Moylan-Coombs**, Founder & Director, The Gaimaragal Group
Carol Anne Hilton, Chief Executive Officer, Indigenomics Institute
Lamorna Ahitapi Rogers, Owner and Creative, Köhine Creations
Dennis Foley, Professor Entrepreneurship, University of Canberra

1600-1610 **Keynote**
Jim Hunwick, Partner, Pinsent Masons

1610-1640 **Discussion: Business transformation and the race to zero**

This panel of Chief Executive Officers from leading corporations in NSW will share insights into their companies' net zero plans and how this is driving business transformation, performance and opportunities for growth.

Moderator: **Paul Dobson**, Partner, Climate & Sustainability, Deloitte
Stuart Irvine, Chief Executive Officer, Lion
Carmen Rechbauer, Chief Executive, HealthShare NSW
Alastair Symington, Chief Executive Officer & Managing Director, Blackmores Group

1640-1650 Coffee Break



1650-1720 Discussion: Disclosure as a catalyst for climate investment and opportunity

Climate-related risk disclosure can be a catalyst for action, competitiveness, and business growth. This panel will discuss the opportunities for large corporations that fully disclose their climate-related financial risks and how this can be a driver for net zero transition plans and investment.

Moderator: **John Hewson**, Chair, BCSD Australia

Travers McLeod, Chief Executive Officer, Centre for Policy Development

Louise Cantillon, British Consul-General & Deputy Trade Commissioner Australia & New Zealand

Guy Debelle, Deputy Governor, Reserve Bank of Australia

1720-1730 International keynote
Fredrika Klarén, Head of Sustainability, Polestar

1730-1745 International keynote
Johan Rockström, Director, Potsdam Institute for Climate Impact Research

1745-1815 In conversation with
Keith Tuffley, Managing Director, Vice Chairman & Global Co-Head, Sustainability & Corporate Transitions Group, Citi
Andrew Forrest AO, Chair & Founder, Fortescue Metals Group, Fortescue Future Industries, Mindaroo Foundation & Tattarang

1815-1825 International keynote
María Mendiluce, Chief Executive Officer, We Mean Business Coalition

1825-1830 Closing
Susan Moylan-Coombs, Founder & Director, The Gaimaragal Group
Tony Boatman, Co-founder, Impact X

Wednesday, 3 November, 2021

Plenary: Session 6

0900 – 0905 **Introduction and outlook for the day**
Susan Moylan-Coombs, Founder & Director, The Gaimaragal Group
Tony Boatman, Co-founder, Impact X

0905 – 0925 **Keynote addresses**
Satya S. Tripathi, Secretary-General, Global Alliance for a Sustainable Planet
Jacqueline Novogratz, Founder & Chief Executive Officer, Acumen

0925 – 0930 **Keynote**
Mike Cannon-Brookes, Co-founder & Co-Chief Executive Officer, Atlassian

0930 – 0945 **In conversation with**
Sir Richard Branson, Founder, Virgin Group & Co-Chair, The B Team
Mike Cannon-Brookes, Co-founder & Co-Chief Executive Officer, Atlassian

0945 – 0955 **Keynote**
John McMurdo, Chief Executive Officer & Managing Director, Australian Ethical

1000 – 1300 **Working groups: Accelerating pathways to zero emissions**

Parallel Sessions:

1. Energy
2. Transport & Infrastructure
3. Industry & Manufacturing
4. Built Environment
5. Agriculture & Land use

1300 – 1350 **Lunch break**

Plenary: Session 7

1350 – 1400 **Keynote**
Rosalie Wilkie, Partner, PwC

1400 – 1415 **In conversation with**
Alison Rowe, Managing Director, The Nature Conservancy
Rene Woods, Conservation Project Officer, The Nature Conservancy

1415 – 1445 **Discussion: Connecting climate resilience cities**

As centres of economic growth and innovation, cities are producing the technologies and tools that will build greater climate resilience and drive future job creation and opportunity. This panel brings together two city leaders from Sydney and Hobart who will share how policy and collaboration can support climate innovation and discuss the opportunity for replicating and scaling these solutions across city networks.

Moderator: **Margot Delafoulhouze**, Cities System Lead, ClimateWorks Australia

Monica Barone, Chief Executive Officer, City of Sydney

Anna Reynolds, Lord Mayor, Hobart

1445 – 1500 **Coffee break**

Plenary: Session 8

1500 – 1550 **Working group outcomes: Recommendations**

Facilitator: **Martijn Wilder AM**, Founding Partner, Pollination

Monica Richter, Senior Manager, Low Carbon Futures, WWF Australia

Helen Rowe, Transport Program Impact Manager, ClimateWorks Australia

Juliet Bell, Mission Lead, Climate, CSIRO

Deo Prasad AO, Professor, Built Environment, UNSW

Joshua Bishop, Conservation Economist, WWF Australia

1550 – 1600 **Keynote**
Andrew Steer, President & Chief Executive Officer, Bezos Earth Fund



1600-1645 **Discussion: Shifting Capital - Bringing new technologies to scale**

Rapid innovation will be critical to accelerating net zero plans while emissions reduction technologies will need to scale faster and further than any other technologies before them. This panel will address the challenges and opportunities in getting these technologies funded and to scale.

Moderator: **Joanne Gray**, Managing Editor, The Australian Financial Review
Ben Krasnostein, Co-Founder & Managing Director, Kilara Capital
Alexandra Clunies-Ross, Portfolio Manager, Artesian
Sally-Ann Williams, Chief Executive Officer, Cicada Innovations

1645-1700 Coffee break

Plenary: Session 9

1700-1745 **International keynotes**
Rhys Davies, Partner, International Sustainability & ESG Lead, DLA Piper
Angela Wilkinson, Secretary General & Chief Executive Officer, World Energy Council
Helen Clarkson, Chief Executive Officer, Climate Group
Tim Ash Vie, Director, Under 2 Coalition

1745-1805 Closing summary and climate growth outlook

Moderator: **Martijn Wilder AM**, Founding Partner, Pollination
Dermot O'Gorman, Chief Executive Officer, WWF Australia
Juliet Bell, Mission Lead, Climate, CSIRO
Anna Skarbek, Chief Executive Officer, ClimateWorks Australia

1805-1810 **Closing**
Susan Moylan-Coombs, Founder & Director, The Gaimaragal Group
Tony Boatman, Co-founder, Impact X



Working Groups - 3 November, 2021

Energy

- 1000-1010 Introduction**
Chair: **Monica Richter**, Senior Manager, Low Carbon Futures, WWF Australia
-
- 1010-1020 Presentation: Net zero perspective**
Tim Stock, Project Director, Hydrogen and Clean Energy, NSW
-
- 1020-1040 Tech presentations**
Attilio Pigneri, Founder & Chief Executive Officer, The Hydrogen Utility
Jemma Green, Executive Chairman & Co-founder, PowerLedger
Alan Yu, Chief Executive Officer, Lavo
-
- 1040-1050 Coffee break**
-
- 1050-1135 Discussion: Accelerating pathways**
Moderator: **Christopher Lee**, Chief Executive Officer, Climate-KIC Australia
Neil McFarlane, Director, Climate Change, Coasts and Marine, South Australia
Mike Nicholls, Partner, Main Sequence Ventures
Nik Comito, Head of Sustainability, Bingo Industries
Fiona Holyoake, Managing Director, Integrated Infrastructure, PwC Australia
-
- 1135-1150 Audience Q&A**
-
- 1150-1250 Audience breakout room discussions: Recommendations**
Chair: **Monica Richter**, Senior Manager, Low Carbon Futures, WWF Australia
- Format: Prior to the summit, participants will be asked to submit ideas on how to accelerate pathways to zero in this sector. Together with the chair, a team of summit organisers will select the most innovative and ambitious ideas to be put up on the screen. The audience will discuss these ideas in breakout rooms of small groups that will shuffle every 20 min.
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- 1250-1300 Audience voting and summary**
Chair: **Monica Richter**, Senior Manager, Low Carbon Futures, WWF Australia

Transport & Infrastructure

- 1000-1010 Introduction**
Chair: **Helen Rowe**, Transport Program Impact Manager, ClimateWorks Australia
-
- 1010-1020 Presentation: Net zero perspective**
Julie Morgan, Executive Director Environment and Sustainability, Transport for NSW
-
- 1020-1040 Tech presentations**
Carola Jonas, Founder & Chief Executive Officer, Every
Slava Kozlovskii, Founder & Chief Executive Officer, Eevee
Trystan Eeles, Co-Founder & COO, Liftango
-
- 1040-1050 Coffee break**
-
- 1050-1135 Discussion: Accelerating pathways**
Moderator: **Jonas Bengtsson**, Chief Executive Officer, Edge Environment
Chris Steel, Minister for Transport & City Services, ACT
Ross Israel, Head of Global Infrastructure, QIC
Sarah Blagrove, Senior Sustainability Advisor, Transurban
Ross De Rango, Head of Energy & Infrastructure, Electric Vehicle Council
-
- 1135-1150 Audience Q&A**
-
- 1150-1250 Audience breakout room discussions: Recommendations**
Chair: **Helen Rowe**, Transport Program Impact Manager, ClimateWorks Australia
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-
- 1250-1300 Audience voting and summary**
Chair: **Helen Rowe**, Transport Program Impact Manager, ClimateWorks Australia

Working Groups - 3 November, 2021

Industry & Manufacturing

- 1000-1010 Introduction**
Chair: **Juliet Bell**, Mission Lead, Climate, CSIRO
-
- 1010-1020 Presentation: Net zero perspective**
Paul Cooper, Chairman, Advanced Manufacturing Growth Centre
-
- 1020-1040 Tech presentations**
Paul Sernia, Chief Executive Officer, Endua
Rohan Gillespie, Managing Director, Southern Green Gas
Nusqe Spanton, Founder & Chief Executive Officer, Provectus Algae
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- 1040-1050 Coffee break**
-
- 1050-1135 Discussion: Accelerating pathways**
Moderator: **Andrew Petersen**, Chief Executive Officer, BCSD of Australia
Lisa McLean, Chief Executive Officer, NSW Circular
Tania Smith, Director of Sustainable Finance, ANZ
Chris Page, Head of Future Technologies, BlueScope
Brooke Donnelly, Chief Executive Officer, APCO
-
- 1135-1150 Audience Q&A**
-
- 1150-1250 Audience breakout room discussions: Recommendations**
Chair: **Juliet Bell**, Mission Lead, Climate, CSIRO
- Format: Prior to the summit, participants will be asked to submit ideas on how to accelerate pathways to zero in this sector. Together with the chair, a team of summit organisers will select the most innovative and ambitious ideas to be put up on the screen. The audience will discuss these ideas in breakout rooms of small groups that will shuffle every 20 min.
-
- 1250-1300 Audience voting and summary**
Chair: **Juliet Bell**, Mission Lead, Climate, CSIRO

Transport & Infrastructure

- 1000-1010 Introduction**
Chair: **Deo Prasad AO**, Professor, Built Environment, UNSW
-
- 1010-1020 Presentation: Net zero perspective**
Ken Morrison, Chief Executive, Property Council of Australia
-
- 1020-1040 Tech presentations**
Caroline Noller, Founder & Chief Executive Officer, The Footprint Company
Paul Dastoor, Co-Founder & Chief Scientific Officer, Kardinia Energy
Sophia Hamblin Wang, Chief Operating Officer, Mineral Carbonation International
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- 1040-1050 Coffee break**
-
- 1050-1135 Discussion: Accelerating pathways**
Moderator: **Ken Maher AO**, President, Australian Sustainable Built Environment Council
Stanford Harrison, Manager Commercial Buildings Policy, Australia
Morgan Ellis, Vice President, ESG Research, MSCI
Cyril Giraud, Head of Sustainability, Holcim
Ninotschka Titchkosky, Co-Chief Executive Officer, BVN
Roger Swinbourne, Associate Principal, Arup
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- 1135-1150 Audience Q&A**
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- 1150-1250 Audience breakout room discussions: Recommendations**
Chair: **Deo Prasad AO**, Professor, Built Environment, UNSW
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- 1250-1300 Audience voting and summary**
Chair: **Deo Prasad AO**, Professor, Built Environment, UNSW

Working Groups - 3 November, 2021

Agriculture & Land use

- 1000-1010 **Introduction**
Chair: **Joshua Bishop**, Conservation Economist, WWF Australia
-
- 1010-1020 **Presentation: Net zero perspective**
Thomas Schroder, Head of Climate Action, South Pole
-
- 1020-1040 **Tech presentations**
Guy Hudson, Co-founder & Chief Executive Officer, Soil Carbon Co
Steve Meller, Founder & Chief Executive Officer, CH4 Global
Ros Harvey, Founder & Managing Director, The Yield
-
- 1040-1050 **Coffee break**
-
- 1050-1135 **Discussion: Accelerating pathways**
Moderator: **Richard Heath**, Executive Director, Australian Farm Institute
Gillian Mayne, Director, Land Restoration Fund, Queensland
Tom Murphy, Head of Agriculture & Regional Investment, QIC
Kylie Freeland, Director of Supply Chain, Sustainability & Equipment, McDonald's
Julian Hill, Program Manager, Carbon Program, AgriFutures
Rowan Foley, Chief Executive Officer, Aboriginal Carbon Foundation
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- 1135-1150 **Audience Q&A**
-
- 1150-1250 **Audience breakout room discussions: Recommendations**
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- 1250-1300 **Audience voting and summary**
Chair: **Joshua Bishop**, Conservation Economist, WWF Australia

AWS Startups Sessions - 3 November, 2021

AWS Startups Stream

- 1000-1030 **Fireside chat: Startups are answering the climate call**

Colette Grgic, Head of Startup Ecosystem, AU & NZ, AWS
Rodrigo Prudencio, Head, Climate Pledge Fund
-
- 1030-1130 **The New Energy Players: how are they winning?**

Moderator: **Stefan Knight**, Startup Advisor, AWS
Ben Hutt, CEO, Evergen
Richard Payne, CEO, Raygen
Fabian Le Gay Breton, Co-founder & CEO, Gridcognition
-
- 1200-1300 **How should impact startup founders prepare for investment?**

Moderator: **Kelsey Doorey**, Startup Business Development Manager, AWS
Phil Morle, Partner, Main Sequence Ventures
James Tynan, Principal, Squarepeg Ventures
Rachel Yang, Partner, Giant Leap
Lisa Fedorenko, Investment Manager, Alberts Impact