



2018 Asia Pacific Energy Leaders' Summit

3D Vision - New Energy Perspectives

31 October - 1 November 2018, Wellington, New Zealand

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COUNCIL

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Key Investment Partners – Supporting the 2018 Asia-Pacific Energy Leaders' Summit



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Some of the Summit's world-leading experts offering their insights and shared solutions



Hon James Shaw

Minister of Climate Change, Minister of Statistics — New Zealand



Hon Dr Megan Woods

Minister for Energy and Resources, Minister of Research, Science and Innovation, Minister of Government Digital Services — New Zealand



Zheng Fan

Managing Director, XCharge – China and Germany



John Scott

Director, Chiltern Power Limited – Oxford, United Kingdom



Christoph Frei

Secretary-General & CEO World Energy Council – London, United Kingdom



Tsai Chao Chung, Charles

Chief Executive Officer and Executive Director, Power Assets Holdings Limited - Hong Kong, China



Kaila Colbin

NZ Ambassador for Singularity University, Co-founder of Boma Global, CEO of Boma New Zealand – Globally and New Zealand



Doug Cook

Head of Delivery, GreenSync – Melbourne, Australia



Annabel Wilton

Bloomberg NEF's specialist in decentralised energy — Sydney, Australia



Lawrence Jones

Vice-President, Edison Electric Institute – Washington DC, USA



Kim d'Alquen

Energy and Utilities Business Development Lead, Amazon – Australia and NZ



Anna Kominik

New Zealand's Country Director, Zephyr Airworks Ltd – California, USA

Alan Thomson

Global Leader Energy Systems, ARUP, London, UK

New forces in energy - decarbonisation, decentralisation and digitalisation

Dramatic and rapid change is enabling new and bold environmental and market outcomes. Global and local energy markets are in a state of transition. But what will the future energy system look like and how can you be a part of it?

3D Vision - New Energy Perspectives is the must-attend event for those business and policy leaders plus technology professionals who want to:

- Be better equipped to understand and deal with change
- Learn about the key linkage between climate change and the opportunities directly in front of us that will support the transition to decarbonise economies in a cost-efficient way

To register: <https://www.bec.org.nz/bec-apel-summit-2018>

Early-bird discount	\$1199.00 ex GST
Group Bookings '5 for 4' prices	\$4,796.00 ex GST
BEC & WEC members	\$1,099.00 ex GST
YEPN & FEL members	\$899.00 ex GST

*Registration prices include access to all Summit hospitality events

31 Oct 2018 - SUMMIT DAY ONE

8:00am	Registration, Coffee & Networking
8:40am	Welcome & Introductions Hon David Caygill, Summit Chair, Christchurch, NZ
8:50am	Opening note Rt Hon Jacinda Ardern, Prime Minister (invited)
BLOCK 1: Morning Sessions – Awareness and understanding Facilitator: John Hancock, Director, Signature Consulting, Wellington, NZ	
9:00am	The grand energy transition The 3Ds – decarbonisation, decentralisation and digitalisation are the number one insomnia issues for energy leaders all over the globe! It is critical for business leaders to stay on top of the innovation horizon. <i>Christoph Frei, CEO and Secretary-General, World Energy Council, London, UK</i>
9:20am	The new energy systems A view from 2035 drawing together the threads of multiple energy vectors with particular focus on their interaction and interdependence as they supply energy to a range of end uses (incl. various examples of projects in Asia Pacific and the broader global setting). <i>Alan Thomson, Global Leader Energy Systems, ARUP, London, UK</i>
9:40am	The exponentials What do nanotechnology, bioinformatics, artificial intelligence, and robotics have in common, more importantly, what do they have to do with you and the energy sector? <i>Kaila Colbin, Ambassador SingularityU, Co-founder of Boma Global and CEO of Boma NZ</i>
10:00am	Q&A panel – subsequent to the session
10:30am	Morning Tea & Networking
BLOCK 2: Midday Sessions – Motivation and confidence to change Facilitator: Brett Holland, Head of Acceleration, Creative HQ, Wellington, NZ	
10:50am	The invisibles - Report Launch Why invisible innovations across energy value networks are key to sustainable development worldwide. <i>Dr. Lawrence Jones, Vice President International Programs, Edison Electric Institute, Washington, USA</i>
11:10am	The acceleration The need to be innovative is now more critical than ever but how to translate innovation into action? <i>Dr. Steve Meller, Innovation Strategist, Silicon Valley, USA</i>
11:30am	The voice of the Customer – Innovations at scale How can technology break down barriers to transparency, choice and freedom for customers? <i>Kim d'Alquen, Energy and Utilities Business Development, Amazon, Melbourne, Australia</i>
11:50am	Q&A panel – subsequent to the session
12:20pm	Option 1 – Lunch & Networking Option 2 – CEO-Roundtable (including lunch)
BLOCK 3 Part 1: Afternoon Sessions – Business leaders sharing insights Facilitator: Mike Underhill, Director at Electra and Network Waitaki	
1:20pm	The power of perspective Global trends in decentralisation and how utilities and power markets are responding. <i>Annabel Wilton, Specialist in decentralised energy, Bloomberg New Energy Finance, Sydney, Australia</i>
1:40pm	Effective decentralised energy solutions How clean, modern, decentralised energy solutions enable energy security, reduce our carbon footprint, and are a sound financial investment. <i>Rodd Eddy, CEO, Sustainable Solutions RE, Auckland, NZ</i>
2:00pm	Power-to-X – a key in balancing the energy trilemma? Tomorrow's energy supply is expected to be renewable, affordable and reliable. <i>Vikram Singh, Lead of Low Carbon Transformation, Australian Gas Infrastructure Group, Adelaide, Australia</i>
2:20pm	Q&A panel – subsequent to the session
2:50pm	Afternoon Tea & Networking
BLOCK 4 Part 2: Late Afternoon Sessions – Business leaders sharing insights Facilitator: Greg Skelton, CEO, Wellington Electricity, Wellington, NZ	
3:10pm	A change of DNA – the demise of the traditional utility? How can digital technologies help to transform the traditional electricity provider to a consumer-centric business model? <i>Charles Tsai Chao Chung, CEO and Executive Director, Power Assets Holdings, Hong Kong, China</i>
3:30pm	Looking over the horizon – the breakdown of modern energy systems How to effectively connect millions of decentralised energy resources? <i>Doug Cook, Head of Delivery, Greensync, Melbourne, Australia</i>
3:50pm	Re-imagining the electricity market Empowering individuals and communities to co-create their energy future. Will blockchain allow this? <i>Vinod Tiwari, General Manager – Business Development, Power Leger, Perth, Australia</i>
4:10pm	Q&A panel – subsequent to the session
4:40pm	Wrap up Summit day one Hon David Caygill, Summit Chair, Christchurch, NZ
5:00pm	Cocktail Function

1 NOV 2018 - SUMMIT DAY TWO

8:15am	Registration, Coffee & Networking
8:30am	Opening Note Hon David Caygill, Summit Chair, Christchurch, NZ
BLOCK 4 Part 1: Morning Sessions – Business Leaders sharing insights Facilitator: Andrew Caseley, CEO, EECA, Wellington, NZ	
8:40am	Decarbonising aviation How does Finnish airport operator Finavia plan to decarbonise its entire network of 21 airports by 2020. <i>Mikko Viinikainen, Vice President – Sustainability & Environment, Finavia Corporation, Helsinki-Vantaa, Finland</i>
9:00am	Hello future of transportation Can Cora, the world's first semi-electric air taxi, create a future where the freedom of flight belongs to everyone? <i>Anna Kominik, NZ Country Director, Zephyr Airworks Ltd, California, USA</i>
9:20am	The transformation of transport What are the biggest challenges and opportunities for tomorrow's transport? <i>Simon Hania, Data Protection Officer, Uber, Amsterdam, Netherlands (invited)</i>
9:40am	Sharing is caring Intelligent transport solutions <i>Michael Casson, International Business Development, Vulog, Paris, France (invited)</i>
10:00am	Q&A panel – subsequent to the session
10:30am	Morning Tea & Networking
BLOCK 4 Part 2: Midday Sessions – Business Leader's sharing insights Facilitator: Dr. Steve Meller, Innovation Strategist, Silicon Valley, USA	
10:50am	The future of energy intensive industry What energy efficient technologies have the potential to completely transform the way we produce and farm today? <i>Jeff Connolly, CEO Siemens Pacific (invited)</i>
11:10am	Change is with us – manufacturers as part of the solution What are the opportunities for large industrial users of electricity in the future? <i>Geoff Matthews, Vice President, Energia Potior, NZ and France</i>
11:30am	Decarbonising in an industrial setting – the Synlait journey What could a transformation towards an emissions-free future look like? <i>Hamish Reid, Director of Sustainability and Brand, Synlait, Christchurch, NZ</i>
11:50pm	Panel - subsequent to the session
12:20pm	Gala Lunch & Networking At the Gala Lunch we will discuss barriers which are faced by countries that are moving to decarbonise their economy. Hear from both domestic and foreign Ministers on how to turn these challenges into opportunities. Facilitator: <i>Toby Stevenson, Director Sapere Research Group</i> <i>Hon Dr Megan Woods, Minister of Research, Science and Innovation, Minister of Energy and Resources</i> <i>Hon James Shaw, Minister of Climate Change</i> <i>Rt Hon Henry Puna, Prime Minister Cook Islands</i> <i>H.E. Suhail al-Mazrouei, UAE Minister of Energy and Industry (invited)</i>
BLOCK 5: Afternoon Sessions – Plenary sessions	
1:50pm	How to close the gaps – the future of policy and business How regulatory and commercial frameworks will evolve to remain fit-for-purpose at a time of rapid economic, social and environmental transition. Can technology help join the dots? Facilitator: <i>Dr. Lawrence Jones, Vice President International Programs, Edison Electric Institute, Washington, D.C., USA</i> <i>John Scott, Director, Chiltern Power Limited, Oxford, United Kingdom</i> <i>Neil Gibbs, Chairman and Principal Consultant, Marchmont Hill Consulting, Melbourne, Australia</i> <i>Walter Langelaar, Creator & Co-founder, SAM (AI Politician), Wellington, NZ</i>
2:50pm	Tomorrow's energy sector innovator – SET 100 Combining innovative business with political will can create a sustainable energy solution to prevent climate change. Hear from the most innovative, savvy and promising start-ups of the SET top 100. Facilitator: <i>Christoph Frei, CEO and Secretary-General, World Energy Council, London, UK</i> <i>Stu Innes, Co-Founder and CEO, emhTrade, Wellington, New Zealand</i> <i>Belinda Kinkead, Director – Australia, LO3 Energy, Portland, USA</i> <i>Zheng Fan, Managing Director, XCharge, China and Germany</i> <i>Johanna Schelle, Head of Business Development, MotionTag, Potsdam, Germany</i>
3:50pm	Afternoon Tea & Networking
BLOCK 6: Late Afternoon Sessions – Smart communities Facilitator: Rodd Eddy, CEO, Sustainable Solutions RE, Auckland, NZ	
4:10pm	The 3D fusion How can the 3Ds play together in creating more resilient and energy efficient cities? <i>Liz Halsted, Associate Principal, ARUP, Auckland, NZ</i>
4:30pm	Net Zero Emission Building Greenhouse gas emissions from buildings are significant. Many buildings today waste a huge amount of energy. Can IoT help to reduce the energy of buildings? <i>Koji Kanaoka, Senior Manager Global Operations Division, Dakin, Osaka, Japan</i>
4:50pm	Panel – subsequent to the session
5:10pm	The “clean slate” scenario – blue sky session <i>Kiti Suomalainen, Research Fellow, University of Auckland, NZ</i>
5:20pm	Wrap-up/Summit ends - Hon David Caygill, Summit Chair, Christchurch, NZ