

2020 | NEW ZEALAND

DOWN STREAM

Leading the transition to the new energy future

Live: 3 & 4 August 2020, Shed 6, Wellington

Online: via Downstream mobisite
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ENGAGE

Chat to other delegates in-person or online, have one-on-one appointments with the experts and network with your peers.

08.00 Coffee and networking within Downstream Engage Zone



09.00 Opening remarks from the Chair
Sheridan Broadbent - Director, Transpower

09.10 International keynote: Energy system decarbonisation – lessons from UK and Europe
Simon Skillings - Director, Trilemma (UK)

09.40 Customer focused and data driven business transformation
Jessica Venning-Bryan - Chief Client Officer, Flux Federation



10.10 Morning break and networking within Downstream Engage Zone



10.40 Leaders' panel: Weathering the storm and leading the transition
Paul Goodeve - Chief Executive, First Gas
Alison Andrew - Chief Executive, Transpower
Elena Trout - Director, Contact Energy
Luke Blincoe - Chief Executive, Electric Kiwi
Marc England - Chief Executive, Genesis Energy
Facilitator
Toby Stevenson - Director, Sapere Research Group

11.40 Whakamana I Te Mauri Hiko – Analysing energy futures
Richard Hobbs - General Manager Strategy, Transpower

12.10 The New Electricity Authority Strategy
James Stevenson-Wallace - Chief Executive, Electricity Authority

12.40 Lunch and networking within Downstream Engage Zone



2.00 Industry energy transitions panel: Meeting the future energy needs of New Zealand businesses

Linda Thompson - Sustainable Energy and Utility Manager, Fonterra
Mike Sammons - Head of Sustainability, Food Stuffs North Island
Darren Gilchrist - Energy Manager, Oji Fibre Solutions

3.00 The role of the Infrastructure Commission in the planning and co-ordination of energy infrastructure
Dr Alan Bollard, Chair, Infrastructure Commission

3.30 Afternoon break and networking within Downstream Engage Zone



4.00 Distributed energy, micro grids and innovation at the grid edge
James T. Gallagher - Executive Director, New York State Smart Grid Consortium (USA)



4.30 Political leader's debate
Hon Dr Megan Woods - Spokesperson for Energy, Labour Party
Jonathan Young - Spokesperson for Energy and Resources, National Party
Hon James Shaw - Co-Leader, Green Party
David Seymour - Party Leader, ACT Party
Facilitator
Spiro Anastasiou - Partner, SenateSHJ

5.30 Closing remarks from the Chair

5.35 Networking drinks within Downstream Engage Zone



08.00 Coffee and networking within Downstream Engage Zone



09.00 Welcome back from the Chair
Tina Schirr - Executive Director, BusinessNZ Energy Council

09.05 Network Leaders' Panel: Leading the transition to the new energy future
Graeme Peters - Chief Executive, Electricity Networks Association
Brigitte Colombo - Chief Information Officer, Powerco

Greg Skelton - Chief Executive, Wellington Electricity
Facilitator: *Sara Carter - Principal, Adroit SEI*

10.05 Downstream Digital Keynote: What is the opportunity that 5G technology presents to the energy sector?
Jason Paris - Chief Executive Officer, Vodafone New Zealand

10.35 Morning break within Downstream Engage Zone









11.05	Tackling energy hardship with programmes not just products Miranda Struthers - <i>Accessible Energy Advocate, ERANZ</i> Bryn Little - <i>Investment and Strategy Manager, WEL Networks</i> Phillippa Fox - <i>General Manager Energy and Resource Markets, Ministry of Business, Innovation and Employment</i> Helen Tua - <i>Community Relations and Investment Manager, Mercury</i> Tim Barnett - <i>Chief Executive, FinCap</i> Facilitator John Hancock - <i>Director, Signature Consulting</i>	Ryno Verster - <i>General Manager, Asset Strategy and Investment, Powerco</i>
12.05	What a mesh! Real-world distributed system operators (Ben's presentation will be delivered remotely by video link) Ben Vanderwaal - <i>Partner, Ernst & Young</i> Sponsored by:  Building a better working world	Afternoon break and networking within Downstream Engage Zone
12.35	Lunch and networking within Downstream Engage Zone	Panel discussion: Meeting the demands of New Zealand's energy peak Andrew Knight - <i>Chief Executive, Gas Industry Company</i> Ralph Matthes - <i>Executive Director, Major Electricity Users Group</i> Grenville Gaskell - <i>Chief Executive, NZ Wind Energy Association</i> Andrew Caseley - <i>Chief Executive, EECA</i> Facilitator David Reeve - <i>Director, Sapere Research Group</i>
2.15	Understanding how to improve our system resilience John Clarke - <i>General Manager Operations, Transpower</i>	Closing international keynote: Delivering the innovation required to achieve deep decarbonisation Dr Colin Cunliff - <i>Senior Policy Analyst, Information Technology and Innovation Foundation (USA)</i>
		Closing remarks from the Chair
		Close of conference



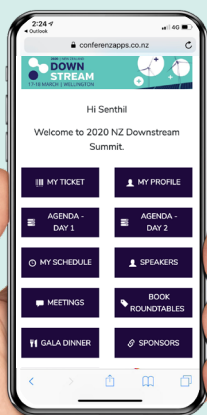
DOWNSTREAM SEMINARS

3 & 4 August 2020

DAY ONE 3 August 2020		DAY TWO 4 August 2020	
12.40	GIS Saves Lives Matt Piper - <i>Global Director for Utilities, Water and AEC, ESRI Inc</i> Glen Cook - <i>Powerline Safety Specialist, Electrical Safety Consulting</i>  	12.35	Not all batteries are made equal. Lithium battery technology and suitability for Hi-rate/UPS applications Nigel Chang - <i>Century Yuasa Batteries</i> <u>CenturyYuasa</u>
1.00	Disruption of regulatory development processes Nick Williamson - <i>Principal Consultant, Align</i> 	12.55	
1.20	Asset management maturity curve - where is your organisation? Gladstone Brohier - <i>Asset Management Specialist, TechnologyOne</i> 	1.15	Blockchain applications in energy Dr Dermott McMeel - <i>Lecturer, University of Auckland</i>
1.40	Battery energy storage, grid stability and network deferral Warwick O'Dell - <i>Manager - Microgrid & Storage Solutions, Aggreko</i> 	1.35	Case study: Achieving an acceleration of electrification Hamish Reid - <i>Director, Sustainability and Brand, Synlait</i>
		1.55	The next generation of IOT-based measurement and control technologies and their crucial role in the changing energy landscape Richard Newell - <i>General Manager, EDM</i>  EDM

MOBI-SITE

Your personalised mobi-site link will have been emailed to you. All the information you need to help plan your attendance at the event can be found here. Please note: this is not an App, so you don't need to download anything; simply click on the link in your email and you'll be redirected to the event Home page.



SOME FUNCTIONS YOU MAY FIND USEFUL:

ASK A QUESTION: Throughout the event you can ask our speakers your questions and we will endeavour to answer as many as possible during Q&A. You can also upvote on questions asked by other people.

POLLS: Have your say! Throughout the event our MC and our speakers will be utilising this function to hear what you have to say. Make sure you have your vote!

CONNECT: Connect in with fellow attendees using our in-site messaging service – note this doesn't connect to your email address or provide any personal contact information.

BOOK: Use the site to book meetings with key agencies (EEECA, Electricity Authority and the Commerce Commission) within our **DOWNSTREAM ENGAGE ZONE**

ON DEMAND: As an in-person delegate you also have access to the online event – access all content for 90 days post-event.

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