

CLIMATE CHANGE AND BUSINESS CONFERENCE

An eye to the future – defining business in a climate change resilient world and exploring how to get there

08-09 October 2019 | Auckland | www.climateandbusiness.com

PROGRAMME OUTLINE

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DAY 1 – TUESDAY 8 OCTOBER 2019

0845-0900 **Conference Welcome**
Rod Oram, Conference Moderator

Venue: Grand Ballroom

0900-1030 **Session 1**
Opening plenary: The difference between transition & arrival: where are we going and how do we get there?
Where the world is going to arrive is not clear: 1.5°, 2°, 3°, or more of warming are all still potential futures. Which one eventuates depends on how fast we act and how hard we work to change. What is clear, is that a transition from the status quo to a way of acting that aligns with climate change resilience must happen. To set the scene for the two days ahead, this session explores both: the potential end points and their physical, economic, and operational implications for business, and progress on New Zealand's transition to climate change resilience.
Keynote: The 10 things every company needs to know: physical, economic, and operational implications of climate change
Rod Oram, Conference Moderator
Timothy Naish, Professor in Earth Sciences, Antarctic Research Centre
Keynote: The Government's climate change policy: parts, progress, and wider policy implications next year, in 5 years, in 10 years
Hon James Shaw Minister for Climate Change
Panel: The many moving pieces: what's driving business to understand and act on climate change issues now, and what will going forward?
Chair: **Rod Oram**, Conference Moderator
Catherine Leining, Policy Fellow, Motu
Brett O'Riley, Chief Executive, EMA
Simon Watt, Partner, Bell Gully
Andy Sibley, General Manager Innovation and Ventures, Contact Energy

Venue: Grand Ballroom
Sponsored by
BELL GULLY

1030-1100 **Refreshments & networking**

1100-1225 **Session 2**

Venue: Grand Ballroom

Plenary: A climate change resilient future for all, not just the lucky few

The shift towards a net-zero world will bring transformation on a gigantic scale. It will impact all sectors, jobs, and communities. If the world we are moving towards is to be a good one, we need to make sure that no one is left behind; that the transition is fair, respects the rights of people, and builds a green and inclusive workforce. Business has a critical role in making that vision of the future a reality. The question is what is that role and where to start? This session examines practical considerations, steps, and processes for businesses to follow to ensure a just transition for its workforce and the local community, and the opportunities this presents.

Chair: **Rod Oram**, Conference Moderator

Keynote: The B Team & Just Transition Centre's guide to making your business's transition to net zero a fair and inclusive one: the why, the how, and a snap shot of the who

Emily Hickson, Senior Manager, B Team Net-Zero by 2050 programme (pre-record)

Panel: The role of business in achieving a climate resilient future for all New Zealanders

Florence Van Dyke, Co-founder, Chia Sisters

Richard Wagstaff, President, New Zealand Council of Trade Unions

Dr Shaun Awatere, Senior Kairangahau Māori, Manaaki Whenua Landcare Research

Dr Anna Berka, Academic Consultant & Adjunct Senior Lecturer, Massey University Business School

William Schleizer, Chief Executive Officer, Delta Institute

1230-1300 **Session 3**

Venue: Grand Ballroom





Plenary: The position of the opposition

Chair: **Rod Oram**, Conference Moderator

Keynote: The National Party's climate change policy and why it will deliver the change that's needed in the time we have

Hon Scott Simpson, Climate Change Spokesperson, National Party

1300-1400 **Lunch and networking**

1400-1530 Breakout workshops	
Session 4A - Risk & Resilience Venue: Millennium Room	Session 4B - Tools & Tech Venue: Tasman Room
<p>Preparing for the physical impacts of climate change: putting together a physical-risk adaptation plan</p> <p><i>Sponsored by</i></p>   <p>The physical impacts of climate change are already being felt and regardless of the end point – 1.5°, 2°, or 3° of warming – the impacts will be significant and will need to be managed. This workshop will take attendees through designing and implementing a risk-assessment process, and how to develop an adaptation plan. The workshop will cover: which warming end points to focus on, how to identify risk types/areas, how to assess the specific risks you face, and how to develop and implement an adaptation plan.</p>	<p>Thinking about & planning for an uncertain future: the 3 Horizons approach to climate change sustainability</p> <p>Creating a guiding vision for your organisation is becoming increasingly vital but challenging, in the face of future uncertainty and ambiguity. Building an effective regenerative strategy requires us not only to address our sustainability practice today, but through foresight, consider the drivers of change that will influence our future operating environment too. This session will look at how we can improve our sustainability strategies through foresight in a way that creates space for people with varying backgrounds and perspectives to build a shared vision of a regenerative future. The Three Horizons framework has emerged over recent years as a practical approach to help people with these challenges, and the session will round off with a hands-on introduction to its use.</p>
1530-1600 Refreshments & networking	
1600-1730 Breakout panels	
Session 5A - Risk & Resilience Venue: Millennium Room	Session 5B - Tools & Tech Venue: Tasman Room
<p>The flow on effect: what does local government liability for the impacts and causes of climate change mean for business</p> <p><i>Sponsored by</i></p>   <p>Local government is taking steps to understand the nature and extent of its responsibility for managing the impacts and causes of climate change, and the legal implications if it fails to do so. The decisions local government makes will impact business. They will also create opportunities. This workshop will provide attendees with an insight into local government liability, their likely next steps, and the implications and opportunities these steps present for different businesses.</p>	<p>Overcoming contradictions & uncertainty: The art of climate change communication & changing behaviour</p> <p>Talking about climate change isn't easy. It entails converting complex science into simple language. It requires triggering excitement over opportunities while managing fear of the unknown. It means promoting actions that reduce emissions while still emitting in other ways. This workshop will introduce attendees to behaviour change science and how it can be used to significantly improve your business's approach to communicating climate change-related action internally and externally.</p>
1730-1900 Cocktail reception	

DAY 2 – WEDNESDAY 9 OCTOBER 2019

0900 **Conference Day 2 Begins**


0900-1030 **Workshops/panels**

Session 6A - Finance & Markets Venue: Millennium Room	Session 6B - Tools & Tech Venue: Tasman Room
<p>Rerouting New Zealand's financial system to support our Paris commitments</p> <p>The finance sector has a critical role in unlocking the potential of clean growth. Following in the footsteps of the European Union, Canada, China and the United Kingdom, the Aotearoa Circle's Sustainable Finance Forum is currently designing a roadmap to help New Zealand's financial system move to one that supports economic, social, and environmental outcomes. A system that aligns with our Paris commitments, reducing emissions, and the UN Sustainable Development Goals, is critical in achieving all three. In this session attendees will learn about the Canadian and British experiences and delve into the Forum's draft roadmap for New Zealand, examining what success looks like, key transition steps, and opportunities for business.</p>	<p>Accelerating your low carbon transition with energy efficiency</p> <p><i>Sponsored by</i></p>  <p>Improving energy management is one of the most affordable ways a business can reduce carbon emissions – and has wider benefits for business in terms of system efficiency, reduced costs, health and safety, and staff engagement. EECA has been working with businesses to improve their energy use for nearly 20 years, and today works in partnership with 100 of the country's biggest energy users. In this workshop, EECA will share some of the insights it has gained over the years into what's needed for a successful and ambitious energy management programme within a business. It will also introduce its latest programme offering for businesses wanting to accelerate the transition to a lower carbon model of operating.</p> <p>This interactive workshop will allow time for discussion and questions.</p>
1030-1100 Refreshments and networking	

Supporters



1100-1230 Breakout workshops/panels


Session 7A - Risk & Resilience Venue: Tasman Room	Session 7B - Tools & Tech Venue: Coromandel Room (one level down from Registration Desk)	Session 7C - Finance & Markets Venue: Millennium Room
<p>Strategic climate change adaptation: resilience and success are about more than responding to physical impacts</p> <p><i>Sponsored by</i>  PORTS OF AUCKLAND <small>TOHUA HIRANGA MĀKA</small></p> <p>Often when people think about adapting to climate change, they think sea level rise. But for business it's about much more. It's about anticipation of both supply and demand-side opportunities and risks, of changes in policy, energy, finance, and infrastructure, and then being agile enough to react to those changes as required. In this session attendees will explore what climate change-related disruptors are likely to demand changes to BAU, how to start strategically planning for them, and hear from businesses doing this now.</p>	<p>What to do about carbon: an introduction to footprinting, reducing, and offsetting</p> <p>The first step in addressing your emissions is knowing how much you emit. This makes for a straightforward sentence but isn't all that easy. In this session attendees will work through the key steps of the process: What is carbon footprinting? How do you calculate your footprint? What do you do once you know? What's the difference between reducing and offsetting, and what should be your focus?</p>	<p>Domestic & International carbon markets: what the market needs to know</p> <p>The ETS is currently getting a makeover to make it fit for purpose. Other than a price increase, the market impacts of the changes made aren't clear. There are questions next to supply, demand, import, export, and international linking. There are also questions about whether reliance on a single tool is enough. At the same time, countries around the world are thinking about how best to implement Article 6 of the Paris Agreement and how international carbon markets will develop as NDC's are ratcheted up. This workshop will examine current domestic and international market arrangements and the changes needed to both over the next 5, 10, and 15 years to reach Paris Targets, the opportunities and implications of those changes for emitters and offset suppliers, and other market-based tools that could be adopted alongside the ETS.</p>

1230-1300 Networking & refreshments (lunch collection for lunch sessions)



The 2019 Climate Change & Business Conference is ensuring we are minimising our impact on the environment. We have partnered with Enviro-Mark Solutions to achieve carboNZeroCert™ event operations. This means that we will estimate the event's operational life cycle greenhouse gas (carbon) emissions and neutralise the remaining unavoidable emissions.

1300-1430 Lunch Sessions: An eye to the future – industry deep-dives

Session 8A – Tourism Venue: Tasman Room	Session 8B - Diet & Food Venue: Millennium Room
<p><i>Sponsored by</i>  AIR NEW ZEALAND</p> <p>Tourism is a critical industry for New Zealand. In the year ending March 2018 international tourism expenditure was \$39.1 billion, an increase of 7.7%. However, it is also an industry heavily exposed to the impacts of climate change. The transportation involved generates significant emissions, many sites and associated infrastructure are coastal, and biosecurity issues are already impeding access to the natural environment. This deep dive session will explore what a 1.5° tourism industry looks like, key transitional steps for getting there, and what leading providers are already doing.</p>	<p>New Zealand is well known for its traditional agriculture industry: beef, lamb, milk. But the human diet in a 1.5° world is going to be markedly different to what it is now. Partly because of the need to stay within environmental limits and reduce the impact of human production, and partly due to demand. This deep dive session will investigate what the human diet in a 1.5° world is likely to be, the role that the different parts of New Zealand's agriculture industry should be looking to play in meeting those dietary requirements, and the changes each will need to make to transition successfully.</p>

1430-1500 Networking & refreshments

1500-1630 Session 9

Venue: Grand Ballroom

Closing plenary: Lessons from abroad: shifting to a climate change resilient future might be new, but transitions aren't

The changes required across society in order to keep warming to 1.5° and be resilient to associated environmental changes are significant. But significant and rapid change in order to achieve a specific future is not new. There are lessons to be learned from the experiences of others of a major shift from the status quo. These can help business and society to anticipate and overcome issues and plan transition steps in order to turn problems into opportunities. This session will look at international transition examples to identify key take homes for the shift New Zealand faces. It will then explore the parts of transitioning New Zealand will find hardest and tools for overcoming them.

Chair: **Rod Oram**, Conference Moderator

Keynote: Experience & lessons - The first country to have to move: transitioning from the coast

John Clemo, Climate Change and Resilience Advisor, Honiara City Council, Solomon Islands

Keynote: Experience & lessons - From coal to something else: transitioning US communities' economy, spaces, and mindset through inclusive engagement

William Schleizer, Chief Executive Officer, Delta Institute

Keynote: New Zealand's transition to low emissions and climate change resilient future – the small hurdles, the big ones, and how we will overcome them

Rt Hon Jacinda Ardern, Prime Minister of New Zealand

Reflections and Close

Rod Oram, Conference Moderator

1630 Conference end

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