

# NEW ZEALAND ENVIRONMENTAL MANAGEMENT



**2018**

DRIVING A SUSTAINABLE FUTURE FOR  
GOVERNMENT, INDUSTRY AND SOCIETY  
IN NEW ZEALAND.

WELLINGTON | **11-12 APRIL**

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# NEW ZEALAND ENVIRONMENTAL MANAGEMENT



The New Zealand Environmental Management Conference brings together leading environmental and sustainability professionals from central and local government, business and not for organisations to assess the impact of the new Ardern government on key environmental and climate change issues including changes to the Emissions Trading Scheme.

This two-day conference will feature over 30 speakers who will share their experience and expertise in areas including sustainable agriculture, sustainable tourism, water quality, waste management, climate change, air quality and post-disaster environmental management.



## 10 REASONS TO ATTEND

1

**Find** out how Fonterra, Synlait and Ravensdown are working with farmers to integrate sustainability practices into their agricultural production.

2

**Learn** how Marlborough District Council is leading the way for local government through its innovative approach to commercial waste disposal.

3

**Find** out how Christchurch City Council is reducing its emissions through its carbon management and reduction programs.

4

**Hear** from New Zealand Trade and Enterprise, Energy Efficiency and Conservation Authority and OMF about the latest investment opportunities in renewable energy and electric vehicles.

5

**Understand** from BusinessNZ and Motu how changes to the Emissions Trading Scheme will impact your organisation's operations.

6

**Hear** from Tourism Industry Aotearoa, on how the tourism industry is meeting its environmental obligations as part of the New Zealand Tourism Sustainability Commitment.

7

**Find** out how Waikato Regional Council is managing coastal erosion risk to protect its property, infrastructure and community assets.

8

**Learn** how to create financially and environmentally sustainable organisations from leading New Zealand companies, including New Zealand Post, Lion, Meridian Energy and The Warehouse Group.

9

**Learn** how research from the National Institute of Water and Atmospheric Research is ensuring that New Zealand urban air quality continues to be amongst the best in the world.

10

**Discover** how the North Canterbury Transport Infrastructure Recovery is minimising environmental impact while reconstructing road and rail networks damaged following the 2016 Kaikoura earthquake.





# SPEAKERS



Alec McNeil  
Solid Waste Manager  
Marlborough District Council



Tony Quickfall  
Policy Manager – Science and Strategy  
Waikato Regional Council



Peter Skelton  
Councillor  
Environment Canterbury  
Regional Council



Daniela Ramirez  
Director Defence Archives  
and Service Centres  
Christchurch City Council



David Chick  
Chief City Planner  
Wellington City Council



Charlotte Rutherford  
General Manager Sustainable Dairying  
Fonterra



Mark Fitzpatrick  
Business Manager – Environmental  
Ravensdown



Emma Brand  
Environmental Advisor  
Synlait Milk



Elizabeth Yeaman  
Transport Development Manager  
Energy Efficiency and  
Conservation Authority



Melany Tedja  
Commercial Manager for Government  
to Government Partnerships Office  
New Zealand Trade and Enterprise



Greg Nelson  
General Manager –  
Environmental Initiatives  
The Warehouse Group



Sian Flynn-Coleman  
Sustainability Manager  
Fuji Xerox New Zealand



Dawn Baggaley  
Head of Sustainability  
New Zealand Post



Alison Howard  
Head of Sustainability  
Meridian Energy



Kat McDonald  
Sustainability Manager  
Lion



Dr Guy Coulson  
Group Manager – Urban Air  
Quality and Health  
National Institute of Water  
and Atmospheric Research



Dr Chris Tanner  
Director  
Te Waiora Joint Institute for  
Freshwater Management



Catherine Leining  
Policy Fellow  
Motu Economic and Public  
Policy Research



Andrew Eagles  
Chief Executive Officer  
New Zealand Green  
Building Council



Chris Roberts  
Chief Executive  
Tourism Industry Aotearoa





**08:30** Registration and Welcome Coffee

**09:00** Chairperson's Opening Address



## POLICY OUTLOOK

**09:10** **Opening Keynote: New Zealand's transition to a sustainable, low-carbon economy and society**

- Countering climate change by planting 1 billion trees over the next decade
- Enacting the Zero Carbon Act to become a carbon-neutral economy by 2050
- Reforming the Resource Management Act to meet New Zealand's future environmental challenges



## AGRICULTURE

**09:40** **Panel: Achieving a sustainable balance between agricultural production and environmental protection**

- Increasing emissions efficiency through carbon sinks, more efficient fertiliser use and pricing mechanisms
- Improving effluent systems, irrigation and fertilisation of properties to improve water quality
- Improving soil quality for a sustainable agriculture sector

**Terry Copeland**, Chief Executive Officer, **New Zealand Young Farmers**

**Mark Gasquoine**, Sustainable Agriculture Advisor – Waipa/Central, **Waikato Regional Council**

**Mark Fitzpatrick**, Business Manager – Environmental, **Ravensdown**

**Emma Brand**, Environmental Advisor, **Syntlait Milk**

**10:30** Morning Tea

**10:50** **Case Study: Fonterra Farm Source Tiaki Sustainable Dairying Programme**

- Using and delivering tailored farm environment plans (FEP's) to help our farmer shareholders meet their environmental commitments
- Investing in systems, digital tools and people to support on-farm change
- Ensuring that we can develop and deliver FEP's at a significant scale to meet a variety of different needs in New Zealand

**Charlotte Rutherford**, General Manager Sustainable Dairying, **Fonterra**

**11:20** **Addressing water availability constraints for irrigation in agriculture**

- Increasing water-use efficiency within irrigation schemes
- Role of water storage and distribution in re-allocating water and reducing water supply risks
- Improving water infrastructure to ensure a consistently reliable water supply

**Andrew Curtis**, Chief Executive, **Irrigation New Zealand**



## WATER MANAGEMENT

**11:50** **Challenges and pathways to maintain and improve freshwater ecosystem services**

- Key pressures and ways to overcome them
- New land management tools
- New freshwater management tools

**Dr Chris Tanner**, Director, **Te Waiora Institute for Freshwater Management**

**12:20** Networking Lunch



## WASTE MANAGEMENT

**13:20** **Panel: Reduce, reuse, recycle and rethink – effectively disposing household and commercial waste**

- Creating low-cost and practicable alternatives to burning and burying rural waste
- Generating greater economic incentives for the recovery of 3 million tonnes of construction and demolition debris that goes to landfill
- Minimising commercial waste through management and production

**Alec McNeil**, Solid Waste Manager, **Marlborough District Council**

**Kitty Waghorn**, Solid Waste Asset Manager, **Waimakariri District Council**

**Tim Senington**, Waste Services Manager, **Rotorua Lakes Council**

**Meagan Miller**, Waste Minimisation Manager, **Wellington City Council**

**14:10** **Case Study: The New Zealand Rural Waste Minimisation Project**

- Agrecovery/EnviroWaste Rural Waste Services: planning, promoting and executing pilot Temporary Pop-up Recovery Events
- Expanding ROSE Oil Recycling Scheme Drop-Off Hubs
- Working with community organisations to support planning for implementation of on-farm collection services

**Peter Skelton**, Councillor, **Environment Canterbury Regional Council**



## PLANNING A SUSTAINABLE ENVIRONMENT AND ECONOMY

**14:40** **Effective planning for sustainable urban environments and economies**

- Reducing air pollution and environmental degradation to drive a dynamic city economy
- Creating liveable cities where people want to live and work
- Managing congestion and pollution to promote economically productive cities

**Andrew Eagles**, Chief Executive Officer, **New Zealand Green Building Council**

**15:10** Afternoon Tea

**15:30** **Christchurch City Council's programs on carbon management and reduction**

- The journey for a carbon footprint inventory (Scope identification of greenhouse gas (GHG) emissions sources; data collection challenges; management commitment)
- Identifying the significant emission sources (Comparison of GHG operational emissions by source and by business unit)
- Emissions Management and Reduction Plan (targets for emission reduction, performance indicators, monitoring)

**Daniela Ramirez**, Energy and Carbon Management Advisor, **Christchurch City Council**

**16:00** **Panel: Embracing the transition to a low-carbon economy**

- The government's role in decarbonising the economy
- Identifying new investment opportunities in the low-carbon economy
- Encouraging adoption of electric vehicles to reduce emissions

**Greg Nelson**, General Manager – Environmental Initiatives, **The Warehouse Group**

**Nigel Brunel**, Director – Institutional Commodities, **OMF**

**Elizabeth Yeaman**, Transport Development Manager, **Energy Efficiency and Conservation Authority**

**Melany Tedja**, Commercial Manager for Government to Government Partnerships Office (G2G), **New Zealand Trade and Enterprise**

**16:50** Chairperson's Closing Address

**17:00** End of Conference Day One





08:30 Welcome Coffee

09:00 Chairperson's Opening Address



## CLIMATE CHANGE & THE NEW ETS

09:10 **Opening Keynote: New Zealand's role in the global fight against climate change**

- Affirming our ratification of the UNFCCC Paris Agreement
- Establishment of an independent Climate Commission and Green Investment Fund
- Investing in research and technology to reduce agricultural emissions

09:40 **Panel: Understanding the implications of the ETS for business**

- Assessing the impact of including the agriculture sector in the ETS
- Improving policy certainty to drive a low-emissions future for New Zealand
- The importance of carbon price signalling for an effective ETS

John Carnegie, Executive Director Energy & Infrastructure, BusinessNZ

Catherine Leining, Policy Fellow, **Motu Economic and Public Policy Research**

10:30 Morning Tea



## SUSTAINABLE TOURISM

10:50 **Working towards the Tourism Sustainability Commitment**

- Tourism sector's role in protecting and enhancing the environment on which it depends for future generations
- Responsibility of tourism businesses to measure, manage and minimise their environmental footprint
- Practical measures to benefit the environment including ecological restoration, carbon reduction, waste management and education

Chris Roberts, Chief Executive, **Tourism Industry Aotearoa**



## LAND MANAGEMENT

11:20 **Effective land-use planning and development for liveable and sustainable communities**

- Future reform of the RMA for environmentally sustainable land-use planning
- Coordinating national, regional and local planning for large-scale urban development
- Aligning land-use, transport and infrastructure decisions

Joel Cayford, Senior Policy Analyst and Advisor, **New Zealand Planning Institute**

11:50 **Case Study: Planning and building Wellington for a sustainable future**

- Building green infrastructure to accommodate future population growth
- Aligning land-use, transport and infrastructure for sustainable planning in Wellington
- Making Wellington more liveable and attractive as a place to live, work, invest and play

David Chick, Chief City Planner, **Wellington City Council**

12:20 Networking lunch

13:20 **Managing coastal erosion risk to property, infrastructure and community assets**

- Mitigating the long-term social and economic costs of coastal erosion in New Zealand
- Phasing out development in high-risk areas and defend vs retreat
- Natural hazard risk reduction

Tony Quickfall, Policy Manager – Science and Strategy, **Waikato Regional Council**



## SUSTAINABLE BUSINESS

13:50 **How business and government can minimise their energy footprint through renewable technologies**

- Facilitating the implementation of commercial bionenergy projects to support the regional economy
- Investing in biofuels to reduce carbon dioxide emissions
- Promoting bioenergy exports

Brian Cox, Executive Officer, **Bioenergy Association of New Zealand**

14:20 **Panel: Driving sustainable business in New Zealand**

- Identifying sustainability benchmarks
- Providing a sustainable business viewpoint in key conversations
- Contributing our knowledge and experience into policy development on sustainability

Greg Nelson, General Manager – Environmental Initiatives, **The Warehouse Group**

Sian Flynn-Coleman, Sustainability Manager, **Fuji Xerox New Zealand**

Dawn Baggaley, Head of Sustainability, **New Zealand Post**

Kat McDonald, Sustainability Manager, **Lion**

Alison Howard, Head of Sustainability, **Meridian Energy**

15:10 Afternoon Tea



## POST-DISASTER ENVIRONMENTAL MANAGEMENT

15:30 **Preparing sustainable and resilient communities for the post-disaster environment**

- Effective environmental management to mitigate the impact of natural disasters
- Managing the environmental impact of natural disasters
- Quantifying the economic costs of damage to environmental landscapes

Dr Crystal Lenky, Environmental Advisor, **North Canterbury Transport Infrastructure Recovery**



## AIR QUALITY

16:00 **Mitigating the impact of energy sector emissions in New Zealand**

- ETS changes, enactment of the Zero Carbon Act and its implications for business
- Curbing the rise in agricultural climate pollution and other sources of air pollution
- Reducing vehicle emissions' impact on air quality

Dr Guy Coulson, Group Manager – Urban Air Quality and Health, **National Institute of Water and Atmospheric Research**

16:30 Chairperson's Closing Address

16:40 End of Conference



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Our unique sponsorship and exhibition packages are specifically tailored to maximise your company's return on investment by raising your organisation's profile and position its solutions to a qualified audience of senior leaders in:

- Central government
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- Increase your business and educate the market about your new products and solutions
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- Demonstrate your thought leadership in environmental management
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## NEW ZEALAND ENVIRONMENTAL MANAGEMENT

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Present your company, showcase your knowledge and demonstrate your solution offering by speaking to senior decision makers in an open and engaging platform.



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Stand out from the crowd and demonstrate your solution in person with a stand or table display at the event. This can also be used to respond to onsite enquiries or setup meetings with delegates.



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Raise your organisation's profile and position yourself as an authority in environmental management by being branded as one of the New Zealand Environmental Management partners. You will receive extensive branding opportunities in the lead up to, during and after the event.

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Delegates are responsible for the arrangement and payment of their own travel and accommodation. We have arranged a special room rate for delegates at a number of hotels. Please contact us for further details.

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- Upon registration all invoiced sums, including applicable taxes, are payable in full by the delegate to Aventedgedge.
- Should a delegate be unable to attend the event a substitute delegate is welcome at no extra charge. However, no pass sharing at the event is allowed.
- Should a delegate be unable to attend the event and wish to cancel their registration then this will be subject to the following:
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  - 15 to 27 days before the event date: no refunds will be allowed, however, a credit voucher valid for 12 months will be issued. A \$250 + GST administration fee will be charged per credit voucher
  - Within 14 days before the event date: no cancellations or refunds permitted
  - Registrations can be transferred to a colleague from the same company before the event without a fee
- The event pass is valid for the designated person only. Pass sharing is not permitted.
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- Governing Law: This Agreement shall be governed and construed in accordance with the laws of the country this event is being held, and the parties submit to the exclusive jurisdiction of the Courts in that country. However, Aventedgedge only is entitled to waive this right and submit to the jurisdiction of the courts in which the Client's office is located.
- If you need to contact us for any reason concerning your registration, please email us at [billing@aventedge.com](mailto:billing@aventedge.com).
- If, for any reason, Aventedgedge decides to cancel or postpone this conference, Aventedgedge is not responsible for covering consequential costs (airfare, hotel, or other travel costs) incurred by clients.
- Completing and returning this Registration Form to us implies acceptance of the above Terms & Conditions.

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