

TOMORROW, TODAY

9–11
MAY 2022

WASTEMINZ VIRTUAL
SUMMIT 2022

Tē tōia, tē haumatia.
*Nothing can be achieved
without a plan and way
of doing things.*

**PRELIMINARY
PROGRAMME**

KEYNOTE SPEAKERS



ALEX HOTERE-BARNES

TupuOra and Auckland University of Technology

TBC

MONDAY 9 | 9.00-10.00

Alex has a well-established track record of advancing the educational, social, cultural and environmental elements of wellbeing in education and health. As a fifth generation Pākehā, he is interested in growing understanding and application of Te Tiriti o Waitangi across the non-government, government and business sectors.



LIZ MONCRIEFF

Ministry for the Environment

Our future resource management system - an update on our journey

TUESDAY 10 | 9.00-10.00

Liz has worked in the resource management field for over 20 years, including working for Wellington City Council in their District Plan Policy Team (10 years+) and at a private consultancy firm for three years. Liz started her career as an analyst at MfE back in the late 1990s and returned to MfE in 2016 when she led the development of the National Planning Standards and the National Policy Statement - Urban Development 2020. She recently moved into the role of Director, Resource Management Reform.



JO HENDY

Climate Change Commission

How climate change policy will drive waste infrastructure in 2025 and beyond

TUESDAY 10 | 13.00-14.00

Jo Hendy led the Secretariat of the Interim Climate Change Committee and oversaw the Committee's inquiry into renewable electricity. In her former role as Director of Research and Analysis for the Parliamentary Commissioner for the Environment, she led independent environmental investigations into issues including sea-level rise and agricultural greenhouse gas emissions. Jo also spent seven years working for Motu Economic and Public Policy Research. She holds a BSc (Hons) in Mathematics, and a Graduate Diploma in Applied Science (Meteorology).



ALISON MCKINNIE

Zero Waste Scotland

Helping to develop market confidence - Scotland's journey

TUESDAY 10 | 15.30-16.30

Alison joined WRAP/Zero Waste Scotland back in 2006. Within Zero Waste Scotland her role is to help build a strong, long term and sustainable market to support the organics sector in Scotland, particularly the end use markets for compost, digestate and biogas. Initially Alison worked with compost but over the last few years with Anaerobic Digestion, as this has become increasingly prevalent. As well as driving material to AD and composting, the focus is on the quality of both input and output material. Increasing interest in the value of food waste/digestate in Scotland through higher value products is rising and Alison is supporting Zero Waste Scotland's Circular Economy programme in this work.



SEAN SIMPSON

LanzaTech

There is no such thing as waste

WEDNESDAY II | 9.00-10.00

While renewable energy sources like wind, hydro and solar play an important part in reducing global carbon emissions, the world still – at this point – needs high-density transport fuels and materials, which require carbon. LanzaTech, which Dr Sean Simpson began in 2005, developed and commercialised a novel microbial technology to convert waste streams from industry, society and agriculture into fuel, that achieves a 75-90% greenhouse gas reduction compared to gasoline. The company has raised over US\$400 million in investment to develop this innovative technology, and has already opened a commercial plant in China. Alongside LanzaTech, Sean has supported numerous other New Zealand tech start-ups, including introducing Rocket Lab to their major investment funders, and personally investing in start-ups Avertana, and Dotteral, and technology incubator Level Two. Sean has over 20 publications and 200 patents to his name, and a host of awards, including the 2014 New Zealand Innovator of the Year Award, the 2015 US Environmental Protection Agency (EPA) Presidential Green Chemistry Award, the 2013 Kea NZ World Class New Zealander in Science Award, the 2013 Bio Spectrum Asia-Pacific Entrepreneur of the Year Award, and the 2011 NZBIO Young Biotechnologist of the Year.



ROBERT GREGORY

Gregory Environmental Consulting

Stop the stink. The reality of how to manage hydrogen sulphide generation and emission in landfills

WEDNESDAY II | 10.15-11.15

Bob Gregory has been working on landfills for 35 years and has been at the cutting edge of waste management and renewable energy projects for his entire career. As an early practitioner, he has always been a leader rather than a follower. He formed his own company six years ago and continues to have a global client base. Some of his most notable achievements include the development of the GasSim model, the regulatory landfill gas management tool developed for the Environment Agency, and the many technical projects he managed which were the evidence base for the Environment Agency's technical guidance. Bob has also helped numerous landfill clients, in the UK, Ireland, Norway and South Africa, to understand why hydrogen sulphide is being generated in their landfills, and how to manage it once it is present. Bob was honoured to serve as a Review Editor for the Waste Management Chapter of the Third Volume (Mitigation) of the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report 2006. This report led to the IPCC being jointly awarded (alongside Al Gore) the Nobel Peace Prize in 2007. Bob achieved his BSc in Geochemistry at the University of Reading in 1982, and his PhD in Geology at the University of Exeter in 1987. He is a Chartered Chemist, a Chartered Waste Manager, and a Fellow of the Chartered Institution of Wastes Management.



HON DAVID PARKER

Minister for the Environment

WEDNESDAY II | 13.00-14.00

Hon David Parker is a Labour List MP, Attorney-General, Minister for the Environment, Minister for Oceans and Fisheries, Minister of Revenue, Associate Minister of Finance.

Prior to politics, David was a litigation and managing partner in law firm Anderson Lloyd and was a cofounder of the Dunedin Community Law Centre. David is an experienced CEO and company director and involved in a number of start-up businesses in the agri-biotechnology field including A2 Milk, and BLIS Technologies which he managed from start-up to the main board of the NZX.

He held various Ministerial portfolios in the Helen Clark Labour-led Government including Attorney-General, Energy, Climate Change, Transport, Land Information and State Services. In 2008 he was named by the Listener magazine as Environmentalist of the Year for his work as Minister of Energy and Climate Change. He pioneered New Zealand's emissions trading scheme, then described by many as the most significant environmental reform in NZ for decades.

After the 2020 election, David was reappointed Attorney-General, Minister for the Environment and Associate Minister of Finance, as well as being appointed as Minister for Oceans and Fisheries, and Minister of Revenue.

David pursues policies which both enhance economic growth and address the growing extremes between rich and poor in New Zealand, while protecting the environment.



JOE PICKIN

Blue Environment Pty

The role of data in waste and circular economy policy - an Australia perspective

WEDNESDAY II | 13.00-14.00

Joe Pickin is a director of Blue Environment, strategic environmental consultants based in Victoria, Australia. He has played a key role in developing Australia's national waste data system and has worked extensively for Australian local, state and national governments on data collection, management, interpretation and modelling. Joe was primary author of the Australian National Waste Reports in 2016, 2018 and 2020 and is currently working to develop the 2022 version. He helped develop national standards for waste data and reporting that are intended to guide state data systems. Joe has a PhD on the environmental economics of waste and 25 years' experience in the sector. He was data advisor to the ABC's War on Waste series and chaired the national carbon division of the Waste Management and Resource Recovery Association of Australia from 2012-2020.



PETER WILSON

NZ Institute of Economic Research

Seven simple rules for helping save the planet, or at least our little part of it

WEDNESDAY II | 15.30-16.30

Peter Wilson is a principal economist with the New Zealand Institute of Economic Research in Auckland. He has spent nearly 40 years working as an economist in government, the private sector and now as a consultant. He sees his job as trying to make peoples' lives better.

PANEL DISCUSSIONS AT THE 2022 SUMMIT

| | |
|------------------------------------|--|
| TUESDAY 10 9.00-10.00 | RM Reform: Implications for the waste, resource recovery and CLM sectors and how we should respond |
| TUESDAY 10 10.15-11.15 | Who should the levy money go to and how should it be spent? |
| TUESDAY 10 10.15-11.15 | The future of contaminated land regulation in New Zealand |
| TUESDAY 10 11.30-12.30 | How did it come to this? Why we need a Right to Repair |
| TUESDAY 10 11.30-12.30 | C&D: Ensuring today's solutions don't become tomorrow's problems |
| TUESDAY 10 11.30-12.30 | Raising the bar: Improving adherence to CLMG #1 & #5 |
| TUESDAY 10 13.00-14.00 | Issues affecting CEnvP:SCSs |
| TUESDAY 10 14.15-15.15 | Risks associated with the industry and what the sector group can do to support you |
| TUESDAY 10 15.30-16.30 | Creating new markets for organic materials |
| WEDNESDAY 11 10.15-11.15 | What are the impacts of climate change on CLM? |
| WEDNESDAY 11 11.30-12.30 | Getting the most out of the co-design process |
| WEDNESDAY 11 11.30-12.30 | The intersection of CLM and disposal to land |
| WEDNESDAY 11 14.15-15.15 | What's the impact of Covid on the ground? |
| WEDNESDAY 24 14.15-15.15 | Will the expanded waste disposal levy influence remediation options? |

DAY I MONDAY 9 MAY

TE ARA WHAKAHOUNGA: EMBRACING MAORI VIEWS FROM A CONTAMINATED LAND PERSPECTIVE

*Ko ahau te whenua, ko te whenua ko
ahau - I am the land, the land is me*

- 9.00-10.00 **Karakia and welcome**
-
- KEYNOTE** Alex Hotere-Barnes
- 10.00-10.15 BREAK
- 10.15-11.15 Presenter TBC
Te Tiriti o Waitangi & Māori connections to the land
- 11.15-11.30 BREAK
- 11.30-12.30 **Sari Eru EINZ, Soltice Morrison** Land Infrastructure
Tē tōia, tē haumatia - Nothing can be achieved without a plan and a way of doing things - A look at science through a Māori cultural lens
- Q+A Session**
- 12.30-13.00 LUNCH
- 13.00-14.00 Presenter TBC
Engagement 101
- 14.00-14.15 BREAK
- 14.15-15.15 **Brendan Love** HAIL Environmental
Presentation title TBC
- PANEL DISCUSSION**
How do we engage authentically? Examples and lessons learnt
Panellists: **Dave Bull** HAIL Environmental, **Troy Brockbank** Pattle Delamore Partners, other panellists TBC
- 15.15-15.30 BREAK
- 15.30-16.30 **FISHBOWL PANEL DISCUSSIONS**
Where do we go from here? Reflections on incorporating today's learnings into our lives, our organisations and our practice
Panellists: **Dave Bull** HAIL Environmental, **Nic Quilty** WasteMINZ, **Sari Eru EINZ**, other panellists TBC
Closing remarks and mihi whakamutunga

WORKSHOP: TERRITORIAL AUTHORITIES' OFFICERS FORUM

*Exclusively for WasteMINZ Territorial
Authorities' Officers Forum members*

- 10.00-11.30 **Karakia and welcome**
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- MfE update and collaborative fund discussion**
- 11.30-12.30 BREAK
- 12.30-14.00 **Social change workshop with Gradon Diprose**
Landcare Research & **Louise Lee** independent contractor
Wrap up

DAY 2 TUESDAY 10 MAY

8.45-9.00 **MIHI WHAKATAU**

WELCOME Wayne Plummer WasteMINZ Chair

\\ SESSION ONE

9.00-10.00 **OPENING PLENARY**

KEYNOTE Liz Moncrieff Director -RM Reform, Ministry for the Environment
Our future resource management system – an update on our journey

PANEL DISCUSSION

RM Reform: Implications for the waste, resource recovery and CLM sectors and how we should respond.

Panellists: Dave Bull HAIL Environmental, Laurence Dolan EnviroNZ + Sarah Scott Simpson Grierson

10.00-10.15 BREAK

\\ SESSION TWO

10.15-11.15 **WASTE DISPOSAL LEVY**

Marie Doole & Stephanie Hill Ministry for the Environment
Operationalising the waste disposal levy expansion

PANEL DISCUSSION

Who should the levy money go to and how should it be spent?

Panellists: Neil Pollett Green Bottle, Jacqui Forbes Pare Kore, Kimberley Hope New Plymouth District Council, other panellists TBC

Facilitator: TBC

CLM: RM REFORM

Dave Bull HAIL Environmental

Regulatory reform? Signposts in the NBEA

Isobel Stout Christchurch City Council

Not waiting for tomorrow

PANEL DISCUSSION

The future of contaminated land regulations in New Zealand

Panellists: James Court BP Oil NZ, Isobel Stout Christchurch City Council, Isla Hepburn Ministry for the Environment, Dave Bull HAIL Environmental

Facilitator: Stanley Howell Jacobs

11.15-11.30 BREAK

\\ SESSION THREE

11.30-12.30 **DESIGNING OUT WASTE**

PANEL DISCUSSION

How did it come to this? Why we need a Right to Repair

Panellists: Dr Paul Smith Consumer NZ, Alan Liefing Ecotech Services, Ngakau Harris-Peke Pare Kore, Alex Sims Auckland University

Facilitator: Brigitte Sistig RCANZ

PANEL DISCUSSION

C&D: Ensuring today's solutions don't become tomorrow's problems

Panellists: Mark Roberts Auckland Council, Marty Hoffart Zero Waste Network, Lisa Eve Eunomia Research & Consulting NZ, Elaine Morgan Green Gorilla

Facilitator: George Fietje Insight Resources

NES:CS AND CLMG #1 & #5 - NOW AND IN THE FUTURE

Terre Nicholson HD Geo and Michelle Begbie Waikato Regional Council

CLMG - Why does it matter?

Jane Brown Insurance Council of New Zealand

Liability and contaminated land management: Who's responsible?

PANEL DISCUSSION

Raising the bar: Improving adherence to CLMG #1 & #5

Panellists: Terre Nicholson HD Geo, Michelle Begbie Waikato Regional Council & Jane Brown Insurance Council of New Zealand

Facilitator: TBC

12.30-13.00 LUNCH

DAY 2 TUESDAY 10 MAY

\\ SESSION FOUR

| | | |
|--|-----------------------|---|
| 13.00-14.00 | CLIMATE CHANGE | CLM: CONTAMINATED LAND PRACTICE - CURRENT CHALLENGES FOR SQEPS |
| <p>KEYNOTE Jo Hendy <i>Chief Executive, Climate Change Commission</i> How climate change policy will drive waste infrastructure in 2025 and beyond</p> <hr/> <p>Sue Coutts <i>Zero Waste Network</i> Rethinking consumption to reduce emissions</p> | | <p>Martin Robertson <i>Z Energy</i> Current issues in contaminated land practice affecting CEnvP:SCSs</p> <hr/> <p>Anna Lukey <i>4Sight Consulting</i> Peer review - how being a SQEP and understanding CSM is essential to the process</p> |
| <p>PANEL DISCUSSION Issues affecting CEnvP:SCSs Panellists: Anna Lukey <i>4Sight Consulting</i>, Dave Bull <i>HAIL Environmental</i>, Graeme Proffitt <i>Pattle Delamore Partners</i> Facilitator: Martin Robertson <i>Z Energy</i></p> | | |
| 14.00-14.15 BREAK | | |

\\ SESSION FIVE

| | | |
|---|----------------------------|--|
| 14.15-15.15 | H+S & WELLBEING | HAIL - UPDATES & ISSUES |
| <p>Guy Smith <i>Waste Management NZ</i> Waste Industry Road Safety Programme: Updates on Road Safety Campaign, CoPTTM & WorkSafe Guide to Road & Roadside Workers</p> | | <p>Presentation TBC</p> |
| <p>PANEL DISCUSSION Risks associated within industry and what the sector group can do to support you Panellists: Mark Devantier <i>InterGroup</i>, Ajith Fernando <i>Reclaim</i>, Greg Dearsly <i>First 4 Safety</i> & Jason Harvey <i>Smart Environmental</i> Facilitator: Danny McClure <i>Hastings District Council</i></p> | | <p>James Conway <i>Pattle Delamore Partners</i> Geogenic arsenic and the importance of understanding your site</p> |
| <p>Cherie Logan & Corinne Taylor <i>EnviroNZ</i> I've got your back</p> | | <p>PANEL DISCUSSION</p> |
| 15.15-15.30 BREAK | | |

\\ SESSION SIX

| | | |
|---|--------------------------|---|
| 15.30-16.30 | ORGANIC MATERIALS | INNOVATIONS IN CLM |
| <p>KEYNOTE Alison McKinnie <i>Technical Consultant (Organics), Zero Waste Scotland</i> Helping to develop market confidence - Scotland's journey</p> | | <p>James Corbett <i>Auckland Council</i> & Stephen Thompson <i>WSP Opus</i> Dead but not buried - will cemeteries have an enduring HAIL legacy?</p> |
| <p>PANEL DISCUSSION Creating new markets for organic materials Panellists: Gareth Hughes <i>AFRA</i>, Alison McKinnie <i>Zero Waste Scotland</i>, Jono Frew <i>Natural Performance</i> Facilitator: Chris Purchas <i>Tonkin + Taylor</i></p> | | <p>Caitlin Holm <i>Waikato Regional Council</i> Patterns of contamination around sheep dips</p> |
| | | <p>Tim Dee <i>Fulton Hogan</i> CLM sector group update</p> |

DAY 3 WEDNESDAY 11 MAY

\\ SESSION ONE

9.00-10.00 **INNOVATION & INVESTMENT**

KEYNOTE Sean Simpson *Founder & Chief Scientific Officer, Lanzatech*

There is no such thing as waste

Shaun Lewis *Ministry for the Environment*

MfE's investment framework

10.00-10.15 BREAK

\\ SESSION TWO

10.15-11.15 **DISPOSAL TO LAND**

KEYNOTE Robert Gregory *Gregory Environmental Consulting*

Stop the stink. The reality of how to manage hydrogen sulphide generation and emission in landfills

Jonathan Shamrock *Tonkin + Taylor*

The use of geocomposite drain as a more sustainable alternative to compacted clay for landfill capping

Sze-Fei Ping *Tonkin + Taylor Australia*

Off-grid landfills

CLIMATE CHANGE

Samantha Iles *4Sight Consulting* & Michael Massey *Environment Canterbury*

Managing contaminated land in a changing climate

Michelle Begbie *Waikato Regional Council*

Relative risk assessment of historic coastal and riverine landfills for local government planning

PANEL DISCUSSION

What are the impacts of climate change on CLM?

Panellists: **Samantah Iles** *4Sight Consulting*,

Michael Massey *Environment Canterbury*,

Michelle Begbie *Waikato Regional Council*

Facilitator: *TBC*

11.15-11.30 BREAK

\\ SESSION THREE

11.30-12.30 **EFFECTIVE ENGAGEMENT**

PANEL DISCUSSION

Getting the most out of the co-design process

Panellists: **Hannah Blumhardt** *Takeaway Throwaways*,
Alec McNeil *Marlborough District Council*,
Kahurangi Carter *Pare Kore*, **Trevor Tutt** *3R*

Facilitator: **Juhi Shareef** *Tourism Holdings*

Andrea Leadbetter *TGM Creative*

Strategies, tools and best practice to encourage behaviour change, and communicate effectively in a bilingual community

Kate Meads *Waste Free with Kate & Co*

Reading the virtual room

Vivien Verheijen & Monisha Wylie-Kapoor *Auckland Council*

Engaging ethnic communities on zero waste

Toni Kereama *Para Kore*

He aha te hononga? Finding ways to relate and engage

DISPOSAL TO LAND & CLM: CLM IMPACTS ON LANDFILLS

Chris Hillman *Tonkin + Taylor*

Technical guidelines: disposal of low level asbestos-contaminated soil at a landfill

Rod Lidgard *Pattle Delamore Partners*
& **Tim Dee** *Fulton Hogan*

Creating a circular economy for contaminated soil

PANEL DISCUSSION

The intersection of CLM and disposal to land

Panellists: **Chris Hillman** *Tonkin + Taylor*, **James**

Corbett *Auckland Council*, **Rod Lidgard** *Pattle*

Delamore Partners & **Tim Dee** *Fulton Hogan*

Facilitator: *TBC*

12.30-13.00 LUNCH

\\ SESSION FOUR

13.00-14.00 **PLENARY**

KEYNOTE Minister Parker *Minister for the Environment*

KEYNOTE Joe Pickin *Director, Blue Environment Pty*

The role of data in waste and circular economy policy - an Australian perspective

14.00-14.15 BREAK

\\ SESSION FIVE

| | | |
|-------------|---|---|
| 14.15-15.15 | ADAPTING TO A CONSTANTLY CHANGING ENVIRONMENT | SUSTAINABLE REMEDIATION |
| | <p>Therese Mangos <i>Pacific Vision Aotearoa</i> Presentation title TBC</p> <hr/> <p>Todd McLeay <i>Smart Environmental</i> Trying to make lemonade out of lemons... what we did in the face of endless Covid and what we learnt in the process</p> <hr/> <p>PANEL DISCUSSION What's the impact of Covid on the ground? Panellists: Therese Mangos <i>Pacific Vision Aotearoa</i>, Todd McLeay <i>Smart Environmental</i>, Angela Atkins <i>Hastings District Council</i>, other panellists TBC Facilitator: TBC</p> | <p>Rod Lidgard & Tristan Bellingham <i>Pattle Delamore Partners</i> Contaminated land management in a net zero economy</p> <hr/> <p>Torianne Brown & Hiram Garcia <i>Tonkin + Taylor</i> Achieving sustainable development and value engineering in large land remediation projects</p> <hr/> <p>PANEL DISCUSSION Will the expanded waste disposal levy influence remediation options? Panellists: Torianne Brown <i>Tonkin + Taylor</i>, Rod Lidgard <i>Pattle Delamore Partners</i>, Carole Smith <i>WSP New Zealand</i> Facilitator: Helen Davies <i>CLS</i></p> |

15.15-15.30 BREAK

\\ SESSION SIX

| | |
|-------------|--|
| 15.30-16.30 | PREPARING FOR TOMORROW, TODAY |
| | <p>KEYNOTE Peter Wilson <i>Principal Economist, NZ Institute of Economic Research</i> Seven simple rules for helping save the planet, or at least our little part of it</p> <hr/> <p>WasteMINZ board WasteMINZ's strategic direction 2022-23 and key learnings from the summit</p> <hr/> <p>closing remarks</p> |

REGISTRATION OPTIONS & FEES

VIRTUAL SUMMIT 2022

Two day registration **TUESDAY 10 + WEDNESDAY 11 MAY**

Group registration (3 people from same or different organisations but must have one billing address) **TUESDAY 10 + WEDNESDAY 11 MAY**

Territorial Authorities' Officers Forum - **MONDAY 9 MAY**

CLM Workshop - **MONDAY 9 MAY**

CLM Workshop - **MONDAY 9 MAY** [with main summit registration]

| SUPER SAVER register & pay before 21.03.22 | EARLYBIRD register & pay before 24.04.22 | LAST MINUTE registration from 25.04.22 |
|--|--|--|
| 695 | 795 | 895 |
| 1867.50 | 2146.50 | 2416.50 |
| 110 | 135 | 145 |
| 280 | 340 | 370 |
| 110 | 135 | 145 |

PRICES EXCLUDE GST

The prices stated are available exclusively to WasteMINZ members.

Non-members may register by emailing sharmaine@wasteminz.org.nz to discuss costs.

SPONSORSHIP ENQUIRIES

Elaine Patton, elaine@wasteminz.org.nz

Speaker and session updates to this preliminary programme will be added to WasteMINZ's dedicated summit website.

wasteminz.org.nz/conference-2022/