

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



LESLEY BADDON

Ministry for the Environment

Resource Management Reform – the big picture

TUESDAY 10 | 9.00-10.00

Before joining MfE, Lesley spent much of her career in local government, environmental research, economic development and regional policy and planning. She leads the Ministry’s urban policy work for Auckland, including the Urban Growth Agenda and residential up zoning in urban areas. She is also co-leading the nationwide, multi-agency resource management reform project.



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 waste data in enabling a circular economy - lessons from Australia

WEDNESDAY II | 13.00-14.00



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	Where do we go next?
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 and how do we manage them?
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	Te Ao Māori concepts
	Te Tiriti o Waitangi
10.00-10.15	BREAK
10.15-11.15	Māori connections to the land
11.15-11.30	BREAK
11.30-12.30	Engagement I01 - useful approaches and perspectives
12.30-13.00	LUNCH
13.00-14.00	Engagement I02 - a local application
14.00-14.15	BREAK
14.15-15.15	MINI WORKSHOPS Case study I & 2 - co-designing contaminated land projects
15.15-15.30	BREAK
15.30-16.30	MINI WORKSHOPS continuation : Case study I & 2 - co- designing contaminated land projects Closing remarks

WORKSHOP: TERRITORIAL AUTHORITIES' OFFICERS FORUM

*Exclusively for WasteMINZ Territorial
Authorities' Officers Forum members*

10.00-11.30	Karakia and welcome
	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 Lesley Baddon Director, Ministry for the Environment
Resource management reform - the big picture

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 + more panellists to be announced

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: 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, **Kevin Tearney** GHD, **Dave Bull** HAIL Environmental + more panellists to be announced

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: **Paul Smith** Consumer NZ, **Alan Liefing** Ecotech Services, other panellists TBC

Facilitator: TBC

PANEL DISCUSSION

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

Panellists: **Alex Kirkham** Auckland Council, **Marty Hoffart** Zero Waste Network, **Lisa Eve** Eunomia Research & Consulting NZ, other panellists TBC

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

Where do we go next?

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

Facilitator: **Kevin Tearney** SLR

12.30-13.00 LUNCH

DAY 2 TUESDAY 10 MAY

\\ SESSION FOUR

13.00-14.00

CLIMATE CHANGE

KEYNOTE Jo Hendy *Chief Executive, Climate Change Commission*
How climate change policy will drive waste infrastructure in 2025 and beyond

Sue Coutts *Zero Waste Network*
Rethinking consumption to reduce emissions

CLM: CONTAMINATED LAND PRACTICE - CURRENT CHALLENGES FOR SQEPS

Martin Robertson *Z Energy*
Current issues in contaminated land practice affecting CEnvP:SCSs

Anna Lukey *4Sight Consulting*
Peer review - how being a SQEP and understanding CSM is essential to the process

PANEL DISCUSSION

Issues affecting CEnvP:SCSs
Panellists: Anna Lukey *4Sight Consulting*, Dave Bull *HAIL Environmental*, Graeme Proffitt *Pattle Delamore Partners*
Facilitator: Martin Robertson *Z Energy*

14.00-14.15

BREAK

\\ SESSION FIVE

14.15-15.15

H+S & WELLBEING

Guy Smith *Waste Management NZ*
Waste Industry Road Safety Programme: Updates on Road Safety Campaign, CoPTTM & WorkSafe Guide to Road & Roadside Workers

PANEL DISCUSSION

Risks associated within industry and what the sector group can do to support you
Panellists: Mark Devantier *InterGroup*, Ajith Fernando *Reclaim*, Greg Dearsly *First 4 Safety* & Jason Harvey *Smart Environmental*
Facilitator: TBC

Cherie Logan & Corinne Taylor *EnviroNZ*
I've got your back

HAIL - UPDATES & ISSUES

Ministry for the Environment
New HAIL guidance

James Conway *Pattle Delamore Partners*
Geogenic arsenic and the importance of understanding your site

PANEL DISCUSSION

15.15-15.30

BREAK

\\ SESSION SIX

15.30-16.30

ORGANIC MATERIALS

KEYNOTE Alison McKinnie *Technical Consultant (Organics), Zero Waste Scotland*
Helping to develop market confidence - Scotland's journey

PANEL DISCUSSION

Creating new markets for organic materials
Panellists: Gareth Hughes *AFRA*, Alison McKinnie *Zero Waste Scotland*, other panellists TBC
Facilitator: Chris Purchas

INNOVATIONS IN CLM

James Corbett *Auckland Council* & Stephen Thompson *WSP Opus*
Dead but not buried - will cemeteries have an enduring HAIL legacy?

Caitlin Holm *Waikato Regional Council*
Patterns of contamination around sheep dips

Tim Dee *Fulton Hogan*
CLM sector group update

\\ SESSION FOUR

13.00-14.00 **PLENARY**

KEYNOTE Minister Parker *Minister for the Environment*

KEYNOTE Joe Pickin *Blue Environment Pty*

The role of waste data in enabling a circular economy - lessons from Australia

14.00-14.15 BREAK

\\ SESSION FIVE

14.15-15.15

ADAPTING TO A CONSTANTLY CHANGING ENVIRONMENT

KEYNOTE TBC

PANEL DISCUSSION

What's the impact of Covid on the ground?

Panellists: TBC

Facilitator: TBC

SUSTAINABLE REMEDIATION

Rod Lidgard & Tristan Bellingham

Pattle Delamore Partners

Contaminated land management in a net zero economy

Torianne Brown & Hiram Garcia *Tonkin + Taylor*

Achieving sustainable development and value engineering in large land remediation projects

PANEL DISCUSSION

Will the expanded waste disposal levy influence remediation options?

Panellists: TBC

Facilitator: **Helen Davies** *CLS*

15.15-15.30 BREAK

\\ SESSION SIX

15.30-16.30

PREPARING FOR TOMORROW, TODAY

KEYNOTE Peter Wilson *Principal Economist, NZ Institute of Economic Research*

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

WasteMINZ board

WasteMINZ's strategic direction 2022-23 and key learnings from the summit

closing remarks

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/