

Transport Knowledge Conference 2021



Future Transport Direction in Aotearoa

📍 Wednesday 1 December | James Cook Wellington

DRAFT PROGRAMME

8.30am	Registration desk opens – tea and coffee upon arrival on level 17	Level 17, James Cook
9.00am	Housekeeping Matt Gifford , Ministry of Transport, Master of Ceremonies	Restaurant (130)
9.10am	Welcome address (video address) Hon Michael Wood , Minister of Transport	
9.25am	<i>Decarbonising Transport, the challenge from a UK perspective</i> Professor Phil Blythe , Professor of Intelligent Transport Systems (ITS) at Newcastle University	
9.40am	<i>Hikina te Kohupara – Kia mauri ora ai te iwi: Transport Emissions – Pathways to Net Zero by 2050</i> Joanna Pohatu , Principal Adviser – Environment, Emissions & Adaptation, Ministry of Transport	
10.05am	<i>The future of Maritime Transport in a Covid-19 world</i> Kirstie Hewlett , Chief Executive, Maritime NZ	
10.30am	Morning tea – Buffett area	

	Parallel session one			
	Restaurant (130) Climate change response 1 Chair: Henry Pretorius, Waka Kotahi	Chancellor 5 (30) Supply Chain 1 Chair: Dan Jenkins, MoT	Bar room (30) Healthy and safe people 1 Chair: Roselle Thoreau, MoT	Chancellor 6 (50) Transport system equity 1 Chair: Sandy Fong, Waka Kotahi
11.00am	1.1 R1-1100 59 Developing a sustainable transport backbone for communities in Auckland Darryl Wong, KiwiRail	2.1 C5-1100 27 The international maritime supply chain Elizabeth Vose, Maritime NZ	3.1 B1-1100 2 Innovating Streets for People Anna Nord & Kathryn King, Waka Kotahi	4.1 C6-1100 58 Te Ara Matatika: the fair path to an equitable, low-traffic future for Aotearoa New Zealand Holly Walker, The Helen Clark Foundation
11.20am	1.2 R1-1120 52 Kāinga Ora's Sustainable Transport Outcomes Strategy Pippa Mitchell, MRCagney	2.2 C5-1120 31 Delayed delivery: using event-based analytics to understand shifts in the supply chain Dr. Shrividya Ravi, MoT	3.2 B1-1120 60 Latent demand for walking and cycling Vivienne Ivory and Malcolm Menzies, WSP	4.2 C6-1120 43 Getting There: Building a Flexible Toolkit for Transport Accessibility Tom Beard, Waka Kotahi
11.40am	1.3 R1-1140 64 Toward an Improved Understanding of New Zealand's Vehicle Fleet Air Pollutant Emissions Jeff Bluett, Pattle Delamore Partners	2.3 C5-1140 36 Managing vehicle-related risks from supply chain pressures Hamish Mackie, Mackie Research	3.3 B1-1140 18 Wellington's Bike Network Plan: Contributing to a Safe, Healthy, Net Zero Carbon Transport System Joe Hewitt, WCC	4.3 C6-1140 29 Does shared mobility enhance transport equity? Helen Fitt, Lincoln University
12.00pm	1.4 R1-1200 13 Updated study on real-world fuel economy and GHG emissions of heavy trucks Haobo Wang, MoT	2.4 C5-1200 40 Project Monty: TMW/MoT's Advanced Policy Decision Assistance Initiative Jade Mackay, MoT	3.4 B1-1200 53 Safety For All At Bus Stop Bypasses? Investigating User Perceptions In Wellington City. Keren Love, WSP	4.4 C6-1200 55 Mobility parking demand projections: What we know, what we don't, and implications for equity Bridget Burdett, MRCagney
12.20pm	Lunch – Buffett Area			
1.10pm	Measure, reduce, offset. The role of carbon offsetting in getting the transport sector to net zero by 2050. Michelle Noordermeer, Chief Operating Officer, CarbonClick			Restaurant (130)

	Parallel session two			
	Restaurant (130) Healthy and safe people 2 Chair: Simon Kingham, MoT	Chancellor 5 (30) Transport system equity 2 Chair: Michelle McCormick, Waka Kotahi	Bar room (30) Covid19 lessons Chair: Celia Wade-Brown	Chancellor 6 (50) Climate change response 2 Chair: Joanne Leung, MoT
1.40pm	5.1 R1-1340 20 The impact of transport on health and health equity: A prospective burden of disease study Ed Randal, University of Otago	6.1 C5-1340 30/32 New Zealand Household Travel Survey: Current Affairs / Sheep or snowflake - travel activity patterns of New Zealanders Jennifer McSaveney / Dr. Shrividya Ravi, MoT	7.1 B1-1340 57 Covid-19 “Natural Experiments” and the Future of Transport. Geoff Parr, MoT	8.1 C6-1340 49 Te Puna Taiao: Mode choice modelling Chamika de Costa, Waka Kotahi
2.00pm	5.2 R1-1400 34 Transport related barriers to healthcare facilities in Māngere— Ōtāhuhu & Ōtara— Papatoetoe Ana Clark, MoT	6.2 C5-1400 65 Equity effects of the Model Communities Programme in New Zealand Mike Keall, University of Otago	7.2 B1-1400 15 Leveraging rail investment for social impact and city transformation David Jones & Rochelle Hardy, Jacobs	8.2 C6-1400 39 Development of a high-level land transport project emission estimation tool for estimating embodied, operational and enabled GHG emissions Sharon Atkins & Sara Clarke, Waka Kotahi
2.20pm	5.3 R1-1420 63 Factors influencing route choices of Dunedin cyclists: Use of separated and non-separated bicycle lanes Vanessa Beanland, University of Otago	6.3 C5-1420 1 Pedalling towards equity: Exploring women's cycling in a New Zealand city Caroline Shaw, University of Otago	7.3 B1-1420 62 Covid-19 – Our transport usage and attitudes during a pandemic Jo Chang and Carol Christie, Waka Kotahi	8.3 C6-1420 TBC
2.40pm	5.4 R1-1440 42 Framework for evacuation routes Rebecca Tuke, Abley and Malcolm Menzies, Waka Kotahi	6.4 C5-1440 23 Te Ara Mua Future Streets: insights so far from a long-term equity-focused intervention Alex Macmillan, University of Otago	7.4 B1-1440 10 Re-thinking air travel for knowledge-based workforces Sherry H.Y. Tseng, University of Otago	8.4 C6-1440 17/19 Sustainably rebooting transport in Aotearoa post-pandemic Darren Davis & Gavin O'Connor, Stantec
3.00pm	Afternoon Tea – Buffett area			

	Parallel session three			
	Restaurant (130) Climate change response 3 Chair: Joe Dewar, CAA	Chancellor 5 (30) Healthy and safe people 3 Chair: Simon Douglas, NZAA	Bar room (30) Supply chain 2 Chair: Bonita Gestro, MNZ	Chancellor 6 (50) Transport system equity 3 Chair: Steve Riley, MoT
3.30pm	9.1 R1-1530 11 Future Strategies for Supporting Active Transport to School in Aotearoa New Zealand Sandra Mandic, Auckland University of Technology	10.1 C5-1530 68 Micromobility Safety - who does it affect? Josephine Draper, Abley	11.1 B1-1530 4 Approach to coastal low-emission cargo transport in the New Zealand region Thade Brunssen, Maritime NZ	12.1 C6-1530 66 Mapping GPS outcomes in New Zealand's fastest growing urban areas Ian Binnie and Karen McDonnell, Waka Kotahi
3.50pm	9.2 R1-1550 7 Seeking the transport sweet spot: health, equity and zero carbon Dr Anja Mizdrak, University of Otago	10.2 C5-1550 22 Competency and decision making in recreational boating Tom Eats, Maritime NZ	11.2 B1-1550 24 National Freight and Supply Chain Strategy Harriet Shelton, MoT	12.2 C6-1550 75 Cost-benefit appraisal methods for interrelated and interdependent projects/schemes Anthony Byett, ECPC and Ernie Albuquerque, Waka Kotahi
4.10pm	9.3 R1-1610 51 Reducing the carbon footprint of Waka Kotahi, one EV at a time Karen McDonnell, Waka Kotahi	10.3 C5-1610 12 Examining New Zealand unmanned aircraft users and measures for mitigating operational risks Isaac Henderson, Massey University	11.3 B1-1610 28 Shifting freight onto rail Rebecca Hollett, Aurecon	12.3 C6-1610 21 The Generational Investment Approach - making the right choices for future generations Donna Provoost, MoT
4.30pm	Please join us in Chancellor 3 for drinks and nibbles sponsored by EROAD Best poster and best presentation will be awarded at 5:00pm			



 Indicates presenting virtually



This programme is subject to change, especially with the inclusion of the concurrent topics.

For any queries please email knowledgehub@transport.govt.nz