The TKC2021 Organising Committee would like to thank the Ministry of Transport for hosting this important event. We also thank the Waka Kotahi NZ Transport Agency, Civil Aviation Authority, and Maritime NZ for their valuable input.

Thank you to all the Chairs and Presenters for the time and effort they have dedicated to make today a success. A special thanks to EROAD for kindly providing the drinks and nibbles for the afternoon networking event.

EROAD believes every community deserves safer roads and the people who use the roads should influence the design, management and funding of transport networks. This is why EROAD develops technology solutions (products and services) that improve driver safety, reduce the costs associated with driving and provide reliable compliance reporting. EROAD also supplies valuable insights and data analytics to universities, government agencies and others to research, trial and evaluate sustainably safer transport networks.

Welcome to the 2021 Transport Knowledge Conference, we are delighted to have you here and hope you enjoy the presentations. The theme for TKC2021 is Future Transport Direction in Aotearoa. Transport Knowledge Conference 2021 will focus on looking ahead to Aotearoa’s transport sector for the next 30 years. Presentations will be available on the Ministry of Transport website after the conference.

We are pleased to invite you to a networking event from 4.30pm, nibbles and light refreshments will be provided by our sponsor EROAD.

Please vote for the best parallel session presentation and best poster. You can vote from the start of the day (up until 4.30pm) with the winners announced during the networking event. You can scan the QR on posters on the floor or go to https://www.sli.do/ and put in the code: #873615

Please return your lanyard to the registration desk at the end of the day.

We must comply with Delta alert level 2 rules. Please ensure you always wearing your face mask when you are at the venue. The only exceptions are when you are eating or drinking and presenting or chairing a session.

A handbook providing further information on the conference and a summary for each presentation can be found on the conference webpage: https://www.transportknowledgeconference.nz/programme.html

On your device, select 'James Cook Hotel Conference'. No password is required.
1.10pm Welcome address (video address) 

9.10am Housekeeping 
Matt Gifford, Master of Ceremonies

9.25am Decarbonising Transport, the challenge from a UK perspective Professor Phil Blythe, Professor of Intelligent Transport Systems (ITS) at Newcastle University


10.05am Maritime transport: recovery into the future Kirstie Hewlett, Chief Executive, Maritime NZ

10.30am Morning tea – Buffet area

Parallel session one

| 11.00am | Developing a sustainable transport backbone for communities in Auckland Darryl Wong, KhiRail
| 11.20am | Kāinga Ora’s Sustainable Transport Outcomes Strategy Pippa Mitchell, MYCaney
| 11.40am | Toward an Improved Understanding of New Zealand’s Vehicle Fleet Air Pollutant Emissions Jeff Blutte, Patel Delmore Partners
| 12.00pm | Updated study on real-world fuel economy and GHG emissions of heavy trucks Haobo Wang, MoT

12.20pm Lunch – Buffet 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

Parallel session two

| 1.40pm | The impact of transport on health and health equity: A prospective burden of disease study Ed Randall, University of Otago
| 2.00pm | Transport related barriers to healthcare facilities in South Auckland Ana Clark, MoT
| 2.20pm | Factors influencing route choices of Dunedin cyclists: Use of separated and non-separated bicycle lanes Vanessa Beanland, University of Otago
| 2.40pm | Framework for evacuation routes Te Ara Mua: Insights so far from a long term equity-focused intervention Alex Macmillan, University of Otago

1.30pm Afternoon Tea – Buffet area

Parallel session three

| 3.30pm | Future Strategies for Supporting Active Transport to School in Aotearoa New Zealand Sandra Mandic, Auckland University of Technology
| 3.50pm | Seeking the transport sweet spot: health, equity and zero carbon Dr Anja Miodrak, University of Otago
| 4.10pm | Reducing the carbon footprint of Waka Kotahi, one EV at a time Karen McDonnell, Waka Kotahi

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