

CONFERENCE PROGRAMME



**The Changing
Face of Transport
in New Zealand**

3-6 March, Wellington, Te Papa

SUNDAY 3 MARCH 2019


4:30PM Registration desk opens

ROOM Oceania, level 3

6:00PM Optional networking function

LOCATION Mac's Brewbar, Taranaki Street Wharf

MONDAY 4 MARCH 2019

denotes that presenter
has produced a paper 

7:30 AM Registration desk opens; arrival tea & coffee

ROOM Oceania, level 3

PLENARY Conference opening, official welcome, keynote speakers

ROOM Amokura Gallery, level 4

8:30AM **Greg Ellis, Conference MC**
Housekeeping

8:38AM **Tom Small, Conference Convenor**
Welcome to conference

8:40AM **Mayor Justin Lester, Wellington City Council**
Welcome to Wellington

8:45AM **Mark Ames, Strategic Cities**
Talking change: manage the conversation about change

9:15AM **Isabel Dedring, Arup Group**
Delivering Sustainable Urban Growth

9:45AM **Karyn Sinclair, NZ Planning Institute**
Getting the Planners in sync with transportation planning (and vis versa)



ARUP

MONDAY 4 MARCH 2019

10:05AM Hon. Phil Twyford, Minister of Transport
Working with communities to build a better New Zealand

10:15AM Q&A for Conference opening, keynotes

10:30AM Morning break

PLENARY The big picture

ROOM Amokura Gallery, level 4

11:00AM Duncan Campbell, Traffessionals
Vision HERO - transport design for today

11:18AM Myles Lind, NZ Transport Agency
Delivering digital engineering for land transport

11:36AM Patricio Gallardo, University of Canterbury
New Zealand transition engineering scenario analysis



11:54PM Jerry Khoo, Beca
Bio-inspired Auckland transport network

12:12PM Amir Kayal, Auckland Transport
Transforming roads and streets in Auckland

12:30PM Chris Gasson, on behalf of Kevin Reid, NZ Transport Agency
Translating the GPS into a delivery programme

12:48PM Q&A for The big picture

1:00PM Lunch


ARUP

MONDAY 4 MARCH 2019


SESSION 1 Mobility & growth


ROOM Amokura Gallery, level 4


CHAIR Jeanette Ward

2:00PM **Courtney Groundwater, Abley**
Accommodating growth on urban networks 

2:15PM **Risto Jounila, WSP|Opus**
Auckland's future mobility - doing well internationally? 

2:30PM **Dr. Nadine Dodge, Wellington City Council**
Did the Inner City Bypass deliver? 

2:45PM **Richard Young, Beca**
Hard-data in a world of truthiness 

3:00PM **Darren Davis, Stantec**
Getting transit oriented development right 

3:15PM **Q&A for Mobility & growth**

3:30PM **Afternoon break**

SESSION 1 Urban improvement

ROOM Amokura Gallery, level 4

CHAIR Karyn Sinclair

4:00PM **Daniel Newcombe, Auckland Transport**
Reshaping Auckland city centre 

4:15PM **Sarah Dove, Harrison Grierson & Sid Scull, Mott MacDonald**
How Tauranga's streetscapes are changing face

SESSION 2 Resilience


ROOM Oceania 1 & 2, level 3

CHAIR Louis Bargh

2:00PM **Stuart Woods, NZ Transport Agency**
Resilience at the Transport Agency 

2:20PM **Mohammad Aghababaei, University of Auckland**
South Island model: development and calibration 

2:40PM **Pathmanathan Brabhaharan, WSP|Opus**
Changing focus on transport resilience – Wellington

3:00PM **Mujaddad Afzal, University of Auckland**
Auckland evacuation model: development and calibration 

3:20PM **Q&A for Resilience**

SESSION 2 Road safety

ROOM Oceania 1 & 2, level 3

CHAIR Shane Turner

4:00PM **Bruno Royce, Traffic Engineering Solutions Ltd**
Crash monitoring: proven effective measures 

4:20PM **Carl O'Neil, Abley**
Speed management implementation - a case study

MONDAY 4 MARCH 2019

4:30PM Claire Davis, Auckland Council
Successes and challenges of tactical urbanism



4:40PM Dr Bridget Burdett, Stantec
Why drivers crash close to home



4:45PM Kent Lundberg, MRCagney &
Tim Fitzpatrick, Auckland Council
Access for everyone – Auckland city centre

5:00PM Amir Kayal, Auckland Transport
Rethinking road safety through urban design

5:00PM Fabian Marsh, NZTransport Agency
Median barriers: dividing fact from fiction



5:15PM Q&A for Urban improvement

5:20PM Q&A for Road safety

5:30PM Close of conference sessions

5:30PM 3M Welcome networking event

Take a 15 minute walk to the cable car and then ride up, taking in the magnificent views of Wellington. Alight at the Cable Car Museum (where you can enjoy a private 'back of house' tour or head straight on up to Carter Observatory) to enjoy canapés and light 'bowl' food. The planetarium show is a 'must do'.

8:00PM Shuttle service commences back to official hotels (QT Museum, Distinction, West Plaza and Copthorne Oriental Bay hotels); or take the cable car back down and make your own way home.

9:00PM Last shuttle departs

TUESDAY 5 MARCH 2019

8:00AM Registration desk opens; arrival tea & coffee
ROOM Oceania, level 3

PLENARY Increased focus on safety

ROOM Amokura Gallery, level 4

8:30AM Dr Glen Koorey, ViaStrada Ltd
The mechanics/politics of changing speed limits



8:50AM Dr Shane Turner, Transport Consultant, Mike Smith, Stantec NZ & Irene Tse, Auckland Transport
Understanding vulnerable road user crash risk



9:10AM Bridget Carden, Abley & Dwayne Claassen, Northland Transportation Alliance
Speedy safety solutions



9:30AM Andrew Bell, Auckland Transport & Phil Harrison, WSP|Opus
Auckland: the case for Vision Zero

9:50AM James Campbell, Ministry of Transport
A new road safety for New Zealand

10:10AM Q&A for Plenary - Increased focus on safety

10:30AM Morning break

PLENARY Keynote and 3M Finalist presentations

ROOM Amokura Gallery, level 4

11:00AM Andrew Martindale, Jacobs
Sponsor welcome

11:05AM Dr Rodney Tolley, Active Transport Consultant
Not so fast! Slowing down for a healthier, wealthier and more sustainable city

TUESDAY 5 MARCH 2019



11:35AM Michael Holderness, 3M
Welcome from 3M

11:40AM Mike Smith, Project of Stantec NZ and Auckland Transport
Understanding vulnerable road user crash risk on Auckland's high-risk arterials (CRAF and MUAF)

11:45AM Jack Donaghy, Project of Safe Roads
Virtual reality for safe systems design

11:50AM Bridget Carden, Project of Abley and Northland Transport Alliance
Northland programming tool

11:55AM David Boyce, NZ Trucking Association Inc
Safety MAN road safety truck

12:00PM Hjarne Poulsen, Project of Dunedin City Council and ViaStrada
Dunedin Central City Schools Cluster

PLENARY Poster rapid fires followed by poster viewing

ROOM Amokura Gallery, level 4 followed by Oceania, level 3 for poster viewing

MATRIX
Traffic and Transport Data

12:05PM Anika Bushra, GHD
Rethinking construction disruption in Auckland city

12:07PM Rebecca Tuke, Abley
4x stop; whose move?

12:09PM Madie Aghili & Jana Tillner, Auckland Transport
Delivering reliable and efficient bus network

12:11PM Simon Douglas, NZ Automobile Association
Innovative ways to communicate speed limits

12:13PM Pete Moth, Auckland Transport
Auckland's new bus network

12:15PM Poster viewing



TUESDAY 5 MARCH 2019



12:30PM Lunch & ongoing poster viewing

1:00PM TG AGM & President handover

SESSION 1 Engagement/people & travel planning

ROOM Amokura Gallery, level 4

CHAIR Axel Wilke

1:30PM **Susi Marinkovich, Waikato Regional Council**
Putting people first



1:45PM **David Willmott, Centre for Urban&Transport Study**
Are we talking reality here?



2:00PM **Kathy Matete, Beca**
How Hackathons and Smart Cities relate



2:15PM **Jeremy Elley-Brown, Auckland Transport**
Let's talk about flex

2:30PM **Isabella Cawthorn, Confluence Consulting**
Sizzle vs sausage: talking about transport

2:45PM Q&A for Engagement/people & travel planning

3:00PM Afternoon break

SESSION 1 Public transport & road space allocation

ROOM Amokura Gallery, level 4

CHAIR David Huang

SESSION 2 Changing processes & technology

ROOM Oceania 1 & 2, level 3

CHAIR Bruce Walton

1:30PM **William Frith, WSP|Opus Research**
LED streetlighting: environment & safety impacts



1:42PM **Jessica Tucker, Beca Applied Technologies**
Autonomous vehicle certification: eating the elephant



1:54PM **Matthew Ensor, Beca**
Moving beyond the A to B

2:06PM **Nicholas Lovett, Christchurch City Council**
The future of micro-mobility in cities

2:18PM **Ahmed Beleed Marghani, University of Auckland**
Developing a new laboratory compaction test



2:30PM **Richard Young, Beca**
The autonomous electric vehicle myth

2:42PM Q&A for Changing processes & technology

SESSION 2 Active modes

ROOM Oceania 1 & 2, level 3

CHAIR Ina Stenzel

TUESDAY 5 MARCH 2019

3:30PM Dr Ranjan Pant & Kevan Fleckney, NZTA
Improving PT reliability on Auckland's motorways



3:30PM Ben Dodgshun, Stantec New Zealand
Cycleways: the rest of the road

3:45PM Terry Church, Flow Transportation Specialists
Whangaparaoa dynamic lanes, sweating the asset

3:50PM Axel Wilke, ViaStrada Ltd
The changing signal faces of cycling



4:00PM Andrew Macbeth,
Greater Wellington Regional Council
Public transport park and ride strategy



4:10PM Celia Wade-Brown, Living Streets Aotearoa
No wheels, no Y chromosome: the invisibility of women walking

4:15PM Reza Chalabianlou,
Greater Wellington Regional Council
Fares and ticketing transition in Wellington



4:30PM Daniel Newcombe, Auckland Transport
Rapid transit network planning



4:30PM Hamish Speakman &
Meredith Bates, Harrison Grierson
Mangere Bridge safer communities

4:45PM Q&A for Public transport & road space allocation

4:50PM Q&A for Active modes

5:00PM Close of conference sessions

6:45PM Buses collect delegates from official hotels; Copthorne Oriental Bay, QT Museum, Distinction and West Plaza Hotels

7:00PM Stantec conference dinner in the Banquet Hall, Parliament Buildings

The 3M Traffic Safety Innovation awards will take place at the dinner, so join us in celebrating the professional success of your colleagues. In addition Life membership will be conferred.

Come dressed as either an infamous or favourite politician (from anywhere in the world)



10:00PM Shuttle service commences to official hotels

11:30PM Last shuttle departs

WEDNESDAY 6 MARCH 2019

8:00AM Registration desk opens; arrival tea & coffee
ROOM Oceania, level 3

PLENARY Increased focus on active modes

ROOM Amokura Gallery, level 4

8:30AM Claire Pascoe, NZ Transport Agency
Reframing our urban mobility challenge

8:50AM Cr Mike Davidson, Christchurch City Council
Sustainable transport networks: a political perspective

9:10AM Claire Covacich, Auckland Transport
Auckland cycling a decade of change

9:30AM Ann-Marie Head, Abley
These streets are made for walkin'





9:50AM Richard Landon-Lane, WSP|Opus & Stuart Hamilton, Aurecon
Enjoying the ride, shifting the mind

9:55AM Paul Goldsmith, Opposition Spokesperson for Transport, National Party
Transport priorities under National

10:10AM Q&A for increased focus on active modes

10:30AM Morning break

WEDNESDAY 6 MARCH 2019

SESSION 1 Land use & planning		SESSION 2 Pedestrian & safety	
ROOM	Amokura Gallery, level 4	ROOM	Oceania 1 & 2, level 3
CHAIR	Stephanie Spedding	CHAIR	Dr Glen Koorey
11:00AM	Ellie Craft, MRCagney Inclusive cities – looking at cities through a gendered lens	11:00AM	Bruno Royce, Traffic Engineering Solutions Pedestrian safety - left turns at signals 
11:15AM	Ruby Kim, Abley Applying German spatial planning in Auckland 	11:20AM	Lukshmi Ranasinghe, Auckland Transport Ponsonby Road pedestrian improvements project 
11:30AM	Rebecca Tuke, Abley District plans - fit for purpose? 	11:40AM	Ina Stenzel, Auckland Transport Separated paths for peds and pobs
11:45AM	Graeme Steverson, WSP Australia Future ready MRT and land-use integration	12:00PM	Ellie Craft, MRCagney Mode biases in transport
12:00PM	Peter Nunns, MRCagney Modelling and valuing land use change	12:20PM	Q&A for Pedestrian & safety
12:15PM	Q&A for Land use & planning		
12:30PM	Lunch		
1:30PM	Lewis Mills, New Zealand Uber Uber and public transport partnerships		
1:45PM	Chaired by Jeanette Ward, Chair, TG Group Panel discussion - 'In our industry, what will we be looking back on in 10 years?' Andy Foster, Wellington City Council Isabella Cawthorn, Confluence Consulting Darren Davis, Stantec NZ Peter Worrall, Jacobs		Dr Rodney Tolley, Rodney Tolley Walks Ltd Claire Pascoe, NZ Transport Agency Niels Hoe, NZ Transport Agency
2:45PM	Awards and closing comments		
3:30PM	Close of conference		