



# IRTEENZ 18th International Conference

Jet Park Hotel, Hamilton 14th - 16th

November 2023

## FUTURE HIGHWAYS Future Vehicles

Power Train – Optimising the Efficiencies  
Managing Innovative Vehicle Solutions  
Infrastructure Challenges and Regulation Development  
Industry Training needs and Skills Shortage  
Keynote International Speakers

### Industry Panel Sessions:

Key industry providers and operators will share their views and experience on unlocking greater productivity on our roads



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9.00 a.m - 10.00 a.m Registration	
10.45 a.m <b>Opening</b>	<p>Welcome Presentation <b>Chris Carr - President IRTENZ</b></p> <p>Keynote speaker - <b>TBC</b> <i>How will the government adress the challenges of feeding people</i></p>
12.00 - 1.00 p.m Lunch	
1.00 p.m - 2.45 p.m <b>Chair: James Smith</b>	<p><b><u>International examples of unlocking greater productivity</u></b></p> <p><b>Gavin Hill - Transport Certification Australia</b> <i>What future vehicle technology could mean for compliance</i></p> <p><b>Les Bruzsa - Narional Heavy Vehicle Regulator, Australia</b> <i>What future technology could mean for Australian high productivity vehicle configurations</i></p> <p><b>Riccardo Areosa - Waka Kotahi NZ</b> <i>Innovative vehicles approved in the last 2 years</i></p> <p><b>John de Pont - Director, TERNZ</b> <i>What heavier tare weights could mean to how our roads are built and what could be done to manage that</i></p>
2.45 - 3.15 p.m AFTERNOON TEA	
3.15 p.m -5.00 p.m <b>Chair: John de Pont</b>	<p><b><u>What are the barriers to unlocking greater productivity on our roads</u></b></p> <p><b>Peter Brown - Waka Kotahi</b> <i>The impact of road freight on road assets</i></p> <p><b>Tariq Ashraf - Waka Kotahi</b> <i>Opportunities and challenges for managing Aotearoa New Zealand’s evolving freight task</i></p> <p><b><u>Panel session - Overcoming the barriers to unlocking greater productivity on our roads</u></b></p> <p><i>Gavin Hill, Les Bruzsa, Riccardo Areosa, John DePont, Peter Brown Tariq Ashraf, Warwick Wilshier, Greg Pert</i></p>
5.00 p.m CLOSE	
Evening free	



9.00 a.m *Conference re-convenes*

<p>9.00 a.m - 10.30 a.m  <b>Chair: Dom Kalasih</b></p>	<p><b><u>Vehicles and Power Train</u></b></p> <p><b>Kim Hill - HWR</b>  <i>Hydrogen diesel hybrid technology</i></p> <p><b>Scott Donnelly - TR Group</b>  <i>TRead Lightly initiative for a sustainable transport future</i></p> <p><b>Chris de Sax - Zeus UK</b>  <i>Road Freight Electrification around the world using electric road system</i></p>
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10.30 - 10.45 a.m MORNING TEA

<p>10.45 a.m - 12.00 p.m  <b>Chair: Steve Bullot</b></p>	<p><b><u>Demonstrating opportunities with vehicles</u></b></p> <p><b>Les Bruzsa - Nariional Heavy Vehicle Regulator, Australia</b>  <i>Australian vehicle application of innovative technology</i></p> <p><b>Mats Harborn - Scania</b>  <i>Feasibility on modular concept in China</i></p> <p><b>John de Pont - TERNZ</b>  <i>A comparison of the Australian and NZ approaches to PBS</i></p>
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12.00 - 1.00 p.m LUNCH

<p>1.00 p.m - 3.30 p.m  <b>Chair: James Smith</b></p>	<p><b><u>Managing Innovative Vehicle Solutions</u></b></p> <p><b>Sean Bridge - NZTA</b>  <i>Potential impacts of new technology vehicles on the Commercial Vehicle Safety Programme</i></p> <p><b>Mark Darrah - Reliance Transport</b>  <i>Beginning our mission to become the first fully electrified, carbon-negative on-road freight solution, in New Zealand.</i></p> <p><b>Nemanja Miletic - SAF Holland, Australia</b>  <i>How powered axles could change vehicles</i></p>
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3.00 - 3.30 p.m - AFTERNOON TEA

<p>3.30 p.m - 5.00 p.m  <b>Chair: Chris Carr</b></p>	<p><b><u>Managing innovative vehicle solutions - cont.</u></b></p> <p><b>TBC - CVST Police</b>  <i>Impact of new technology on heavy vehicle road policing</i></p> <p><b><u>Panel session - Overcoming the barriers</u></b></p> <p><i>Kim Hill, Chris de Saxe, Les Brusza, Mats Harborn, John De Pont, Jacob Ennis, Sean Bridge, Mike Brooklands, Mark Darrah</i></p>
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5.00 p.m CLOSE

6.00 p.m Happy hour in venue foyer

7.00 p.m Conference dinner - dress semi formal

<p>9.00 a.m - 10.30 a.m <b>Chair: Chris Carr</b></p>	<p><b><u>Readying our workforce with future skills and capacity</u></b></p> <p><b>Scott Mathieson - Working In</b> <i>If we don't have all the capability we need here, where can we get it from and what are those impacts?</i></p> <p><b>Phil Alexander-Crawford - Hanga Aro Rau</b> <i>How will the vocational education system of our workforce change to manage future technology?</i></p> <p><b>TBC - Waka Kotahi/ENZ</b> <i>Capacity and capability of certifying engineers</i></p>
<p>10.30 a.m - 11.00 a.m MORNING TEA</p>	
<p>11.00 a.m - 12.30 a.m <b>Chair: James Smith</b></p>	<p><b><u>Australia and New Zealand workforce</u></b></p> <p><b>Les Bruzsa - NHVR Australia</b> <i>What Australia is doing to ensure it has the skills to progress innovative vehicles</i></p> <p><b>Ian Smith - Patchell Industries</b> <i>A truck/trailer manufacturer view on how changing technology will impact staff capacity and capability</i></p> <p><b><u>Panel session - Future skills and capacity</u></b></p> <p><i>Scott Mathieson, Phil Alexander-Crawford, Les Bruzsa, Ian Smith</i></p>
<p>12.30 p.m CONFERENCE ENDS</p>	

(Disclaimer Notification)

The IRTENZ has the sole and legal right to make amendments to the current 2023 Conference agenda, including the list of nominated speakers based on unforeseeable circumstances which are beyond the control of the Institute. In the event of changes to either the published program or speaker list, any or all delegate conference costs, including attendance fees, travel, accommodation, food and beverage expenses will not be refunded due to a delegates decision 'not to attend' based on late program and or speaker amendments. In the event of a late change to the published conference program, including nominated speakers, the IRTENZ will make every effort to notify all delegates.

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Due to the possibility of ongoing uncertainty around government regulations on mass gatherings in response to COVID-19 at any particular time or region, the organisers may determine to postpone the event or run the event online and on-demand only. By registering for this event, you acknowledge and accept this possibility and accept that this is not valid grounds for requesting a refund. Your ticket will be valid for the new dates and/or the live or virtual formats. This event will be run in accordance with the [Covid Protection Framework](#).



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