

NRSP
NATIONAL ROAD SAFETY

PARTNERSHIP
PROGRAM

National Road Safety Partnership Program

Monthly Bulletin

October 2021 | Newsletter No. 84

Improving Road Safety Is Simply Good Business

NRSP is proudly hosted by



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NRSPP Achievements

- NRSPP was an invited witness to the Joint Select Committee on Road Safety - Public Hearing which was held on 29 September. The NRSPP was represented by the Independent Chair Professor Barry Watson, Program Director Jerome Carslake and MUARC Partner representative Associate Professor Sharon Newnam in response to our [Submission's 14 Recommendations](#).
- New Case Study finalised with [BINGO Industries](#): 'BINGO Industries: Taking Care Of Family – The BINGO Way Keeps Workers And The Community Safe'
- Upcoming webinar with BINGO Industries on October 21: 'Safe To The Core: How An Evolving Safety Culture Drove Business Success'
- NRSPP welcomes new Program Partners:
 - [Grasshopper Environmental](#) who have already delivered a [Case Study](#), [Webinar](#), a [Supporting Partner of CLOCS-A](#) and added a number of new actions include sharing their findings on our Patronus safety system in the context of waste management.
 - [Comfort Delgro Australia](#), with 2,700 bus and emergency transport drivers across Australia a key action is they have partnered with NRSPP and Monash University Accident Research Centre researchers as part of October's Safe Work Month to feature personalised webinars on Aggression, Sleep/Fatigue and Mindfulness.
- NRSPP secured two of the 28 projects successful in the National Heavy Vehicle Regulator and the Commonwealth funded [Heavy Vehicle Safety Initiative](#):
 - [Construction Logistics and Community Safety Australia \(CLOCS-A\)](#); and
 - the development of the [Heavy Vehicle Tool Box Talks](#)
- The NRSPP featured prominently at this year's virtual Australasian Road Safety Conference (ARSC2021) with Program Director Jerome Carslake presenting or facilitating the following:
 - Symposium: [Creating opportunity for people who can't access safe mobility and making it a reality](#) with Tristan King of Empower Mobility, Binyam Tekeie a Young driver, Naheed Akhtar of Laverton Community Education Centre, and Anthony Cavanagh of Ganbina.
 - Presentation: [Construction Logistics and Community Safety Australia \(CLOCS-A\): Progress Towards Safer Outcomes for Vulnerable Road Users](#)
 - Plenary: Translating research into practise: workplace road safety
 - Symposium: [Creating the business case for a true system for organisations through safety, environment and efficiency](#) with Lee Sauerwald of Uniting Communities and Guy Pritchard of Sustainability Victoria.
- The winner of the [ARSC2021 best paper with implications for Workplace Road Safety](#) went to: [Daniel Brain](#) with Consignors of import containers play a critical role in preventing heavy vehicle rollover, but they're often unaware of their role.

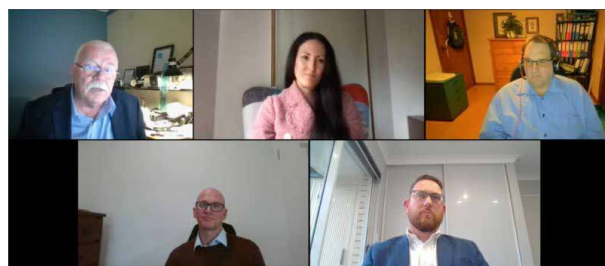


Image of plenary partners: Chair Emeritus Professor [Raphael Grzebieta](#), presenters Associate Professor [Sharon Newnam](#), [Paul Harrison](#), [Jerome Carslake](#), and [Daniel Brain](#).

Monthly Focus: Safe Interactions with Vulnerable Road Users (VRU's)

As our cities grow so do the demands on the transport system and how it evolves.

Our urban planners are meeting this demand with nearly \$200 billion worth of major transport infrastructure projects throughout the hearts of our major cities over the next decade. Not only will these projects help people move easier, but they will also keep the economy going. Crucial to delivering these projects are safe heavy vehicle logistics and planning.

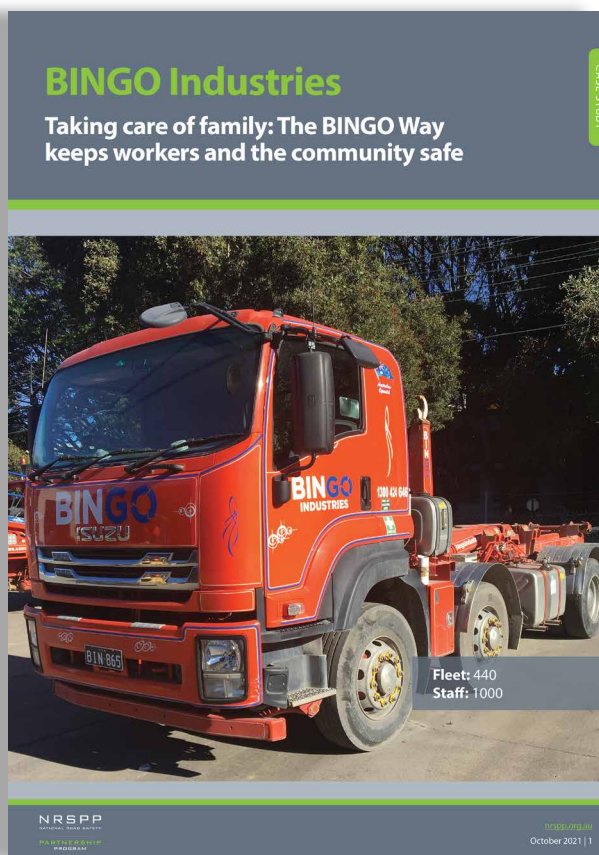
Part of the transport future also includes growing our active transport such as pedestrians and cyclists. The success of this means ensuring they feel safe when on the road.

So how do we create a system where the two coexist safely?

It's a shared responsibility. Each transport user has a role to play that can be achieved by working together. Understanding speed, blind spots, training, journey management, separation, distraction is vital. Exploring these factors are the theme for this month's newsletter.



BINGO Industries Case Study



Synopsis

Safety has always been personal at BINGO Industries. Starting out as a family company, safety has remained a core business value as the company has grown, building a culture of constant safety improvement. The focus has driven industry leading injury and incident rates and is a key reason the company is seen as a leader in workplace road and pedestrian safety and is increasingly winning major infrastructure contracts.

Key outcomes

- Prioritising safety regardless of the size of an organisation or its fleet is foundational for business success.
- Strong safety performance translates into bottom line benefits, improving internal efficiencies and positioning companies to compete for important contracts.
- When your operations create interactions with vulnerable road users, implementing measures to minimise risks to pedestrians and cyclists is good business practice and contributes to a positive company and industry reputation in the community.
- Creating a strong safety culture requires consistent and visible buy-in from all levels of an organisation.
- Consultation and conversations around safety measures drive buy-in from those impacted while ensuring the most effective measures are implemented.



NRSP Blog

Two Tribes: On The Same Side Of Safety



When a truck and vulnerable road user meet, even at low speeds, there is no winner.

For a pedestrian, the fatality risk can grow with the size of vehicle and its speed. So, with trucks being the biggest player on our roads, they don't have to be moving fast to be fatal. This is determined by Newton's Laws of Motion: when two forces meet, energy is exchanged and lost through absorption. *As you can imagine, when a truck and pedestrian interact, it is the human body that absorbs the energy, which can result in broken bones and crushed or ruptured organs.* Thanks also to *Newton's Laws*, we also understand why trucks also can't stop quickly.

The incredible thing is despite being bigger than other vehicles trucks are often overlooked, with other road users oblivious to their presence or thinking they can 'beat' them. What is also often overlooked is that inside the cab is a professional truck driver, who is trained for the driving task and will be constantly scanning their surroundings for threats. They draw on their 'spider senses' (also known as their experience) and their higher driving position to anticipate where a risk may come from. In the UK, Transport for London views the combination of 'invisible truck syndrome' and truck driver's ability to see all as an advantage, *training drivers in frontline security and counter-terrorism.*

Being a professional truck driver however does have its complexities. Consider:

- Mass – trucks take longer to stop and respond
- Blind spots – in many areas drivers just cannot see directly
- Congestion – time is money, traffic needs to move
- Ignorance – other road users see them as a slow-moving obstacle to get around.

We all make mistakes, but need to share responsibility for road safety

Everyone makes mistakes on the roads. In fact, the entire *National Road Safety Strategy* is based around that notion. However, with potential consequences being so significant, we all need to do our part. This was clearly demonstrated by the coronial findings into *the death of Rebekka Tine Lousdal Meyer*. Sadly, Rebekka was killed by a truck turning left, with the truck driver not seeing her and Rebekka being unaware of the truck's blind spot. The Coroner provided actions for both the transport industry and the general public in the hope this type of event would not be repeated. Sadly it still is. However, we are beginning to see big changes around interactions between trucks and vulnerable road user (VRUs).

Transport companies leading the way

If we look at waste and construction related transport companies, the nature of their business puts their drivers in urban environments. This means greater risk of interactions simply because there are more pedestrians and cyclists in the area.

Recognising this risk, companies such as BINGO Industries and Grasshopper Environmental are supporting special training to make their drivers more aware of VRUs with technological innovations to assist drivers.

The NRSP case study on BINGO Industries highlights its use of a reversing automated braking system, for example, that detects pedestrians and sounds audible alarms when turning left or lifting objects. *Grasshopper Environmental's webinar* showed how it fitted the Patronous Safety system for low speed, low light manoeuvring.

Add mirrors, cameras, direct vision trucks, side underrun protection, the Fresnel lens, and door windows and there are many innovations focused on protecting vulnerable road users.

What is making this essential for business success is that contractors are incorporating these safety demands into contracts to service major infrastructure projects.

To read more visit: [Two Tribes: On The Same Side Of Safety](#)

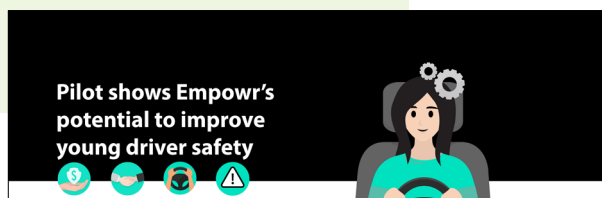
NRSP News



The Virtual ARSC 2021 Saw NRSP Shine

NRSP contributed significantly to this year's virtual conference and its theme with two symposiums, a presentation, a plenary session and sponsor of "Best Paper with Implications for Improving Workplace Road Safety Award".

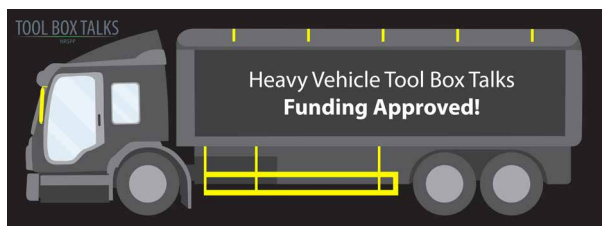
[Read more...](#)



Pilot Shows Empowr's Potential To Improve Young Driver Safety

First results from the Empowr Mobility pilot show participation increased young people's knowledge of safe driving and changed their behaviour behind the wheel.

[Read more...](#)



National Road Safety Partnership Program's Heavy Vehicle Tool Box Talk Project Endorsed To Improve Heavy Vehicle Safety

The National Road Safety Partnership Program (NRSP)'s collaborative Heavy Vehicle Tool Box Talk (HVTBT) project will receive key funding through the National Heavy Vehicle Regulator's (NHVR) Heavy Vehicle Safety Initiative, supported by the Federal Government.

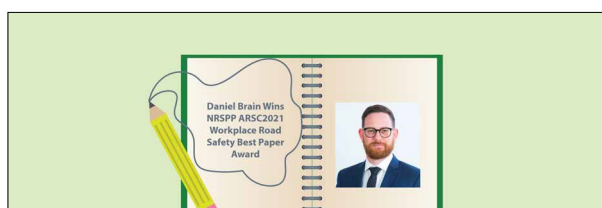
[Read more...](#)



National Road Safety Partnership Program Construction Logistics And Community Safety – Australia Endorsed To Improve Heavy Vehicle Safety

The National Road Safety Partnership Program (NRSP)'s collaborative project Construction Logistics and Community Safety – Australia (CLOCS-A) will receive key funding through the National Heavy Vehicle Regulator's (NHVR) Heavy Vehicle Safety Initiative, supported by the Federal Government.

[Read more...](#)



Daniel Brain Wins NRSP ARSC2021 Workplace Road Safety Best Paper

To support the conference and drive forward practical applied research in the workplace road safety space, NRSP has proudly sponsored for the past three years "Best Paper with Implications for Improving Workplace Road Safety Award".

[Read more...](#)

NRSP News



Welcome To Our Newest Supporting Partner, The Crane Industry Council Of Australia

CLOCS-A is happy to welcome on board our new Supporting Partner, The Crane Industry Council of Australia (CICA).

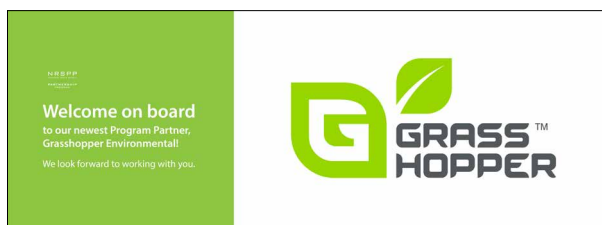
[Read more...](#)



Welcome To Our Newest Supporting Partner, PACCAR Australia.

CLOCS-A is happy to welcome on board our new Supporting Partner, PACCAR Australia.

[Read more...](#)



Welcome To Our Newest Program Partner, Grasshopper Environmental

NRSP is happy to welcome on board our new Program Partner, Grasshopper Environmental. Grasshopper Environmental, Sydney's leading waste management & skip bins hire company, sorts out all types of waste disposal needs across the city.

[Read more...](#)



Victorians Urged To Slow Down As Speed Drives Up Road Deaths

As this year's road toll reaches 156 people compared with 148 at the same time last year, the Victorian Government is urging motorists to slow down, with speed contributing to 30 percent of fatalities.

[Read more...](#)



'New' Energy Drink Busts The Myth On Drowsy Driving, Selected As Re:Act TAFE NSW 2021 Campaign

A clever campaign 'busting' a common myth around driver fatigue has been selected as the 2021 NSW campaign for the Re:act TAFE road safety behaviour change program.

[Read more...](#)

Social Media

DID YOU KNOW?

Mindfulness is associated with safer behaviours. When applied to the driving context, being mindful can reduce unsafe driving behaviours such as distraction, speeding, errors or lapses, and negative reactivity.

NRSP QUICK FACT — MINDFUL-VS.-NON-MINDFUL DRIVERS

Mindful Drivers:

- Less likely to be involved in crashes
- Less judgemental of mistakes
- Less frequent errors/lapses

Non-Mindful Drivers:

- More likely to be distracted by technology
- More easily angered
- More frequently daydreaming

Practicing mindfulness leads to better driving, and also better performance and relationships.

[Download it here.](#)

THROWBACK THURSDAY!

2011...

The mental health and wellbeing of truck drivers did not receive a lot of attention.

13–21% of Australian truck drivers suffered from depression

End of 2020...

We now have a better understanding of mental health and more research has gone into identifying the causes of truck driver depression.

R U OK?

However, Covid-19 has placed even greater pressure on truck drivers being front line workers. Truck drivers are human, be considerate.

WEBINAR – DEPRESSION IN THE HEAVY VEHICLE TRUCKING INDUSTRY
ROAD TRANSPORT SAFETY AND COMPLIANCE NEWSLETTER – TOLL AUSTRALIA EXTERNAL NEWSLETTER NOVEMBER 2020

We have a much better understanding of mental health and wellbeing in 2021 than we did in 2011, but we still have to be considerate of truck drivers who face the pressures of being front line workers.

[Download it here.](#)

THROWBACK THURSDAY!

Sun glare is at its most dangerous when the sun is low and shines directly into your windscreen at sunrise and sunset. This happens the most in Spring due to the positioning of the earth.

Be Prepared

- Install tinted windscreens or wear sunglasses
- Keep your windshield and dashboard clean
- Plan your trip schedule to avoid driving in the direction that faces the sun

Be Cautious

- Drive at a safe speed
- Know your eyes may not be able to properly perceive objects such as signs and cyclists
- Adapting to new light conditions takes some seconds. If discomfort persists, take a break.

NRSP TOOL BOX TALK: SUN GLARE

Sun glare can play a big part in causing accidents because of its ability to significantly reduce our vision whilst we are driving. Be aware of its high risk during Spring and follow these measures to ensure you are best protected against sun glare.

[Download it here.](#)

DID YOU KNOW?

A study tracking Transport for London buses found one bus travelling London's longest bus route emits 336 grams of tyre wear every day.

336g

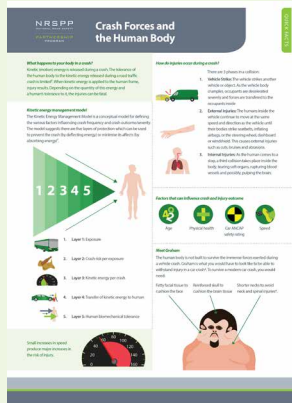
This is equivalent to the size of a grapefruit.

DEZEEN – THE TYRE COLLECTIVE DEVELOPS CAR-MOUNTED DEVICE TO CAPTURE MICROPLASTIC EMISSIONS FROM TYRES

Tyre wear is the second largest microplastic pollutant in the environment.

[Download it here.](#)

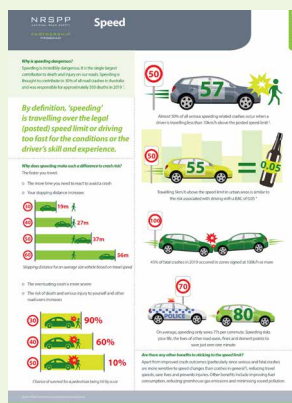
NRSP Resources



NRSP Quick Fact: Crash Forces And The Human Body

Kinetic (motion) energy is released during a crash. The tolerance of the human body to the kinetic energy released during a road traffic crash is limited[2]. When kinetic energy is applied to the human frame, injury results. Depending on the quantity of this energy and a human's tolerance to it, the injuries can be fatal.

[Read more...](#)



NRSP Quick Fact: Speed

Speeding is incredibly dangerous and is the single largest contributor to death and injury on our roads. It is thought to contribute to 30% of all road crashes in Australia and was responsible for approximately 350 deaths in 2019 [1].

[Read more...](#)



NRSP Quick Fact: ISA

An Advanced Driver Assisted technology known as Intelligent Speed Assistance (ISA) is an in-car technology which notifies drivers of the legal speed limit and when it is being exceeded, helping drivers remain under the legal speed.

[Read more...](#)

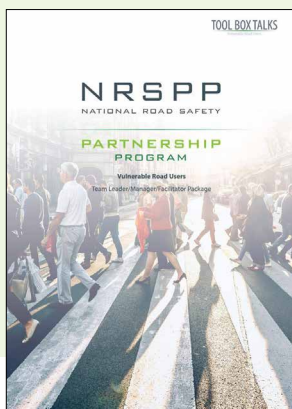


Webinar: The Safe Commute: Tips For Cyclists And Motorists On Sharing The Road Safely

This webinar will outline how to share the road safely, both for motorists and cyclists. Drivers will learn how to safely overtake cyclists, what to look out for and what to avoid doing. Cyclists will learn how to be safer, how to be seen and what to look out for.

[Read more...](#)

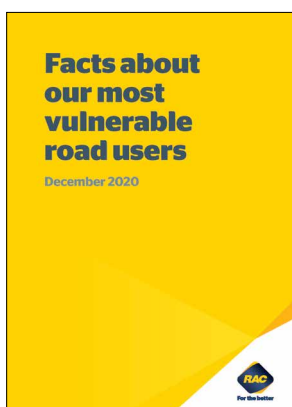
NRSPP Resources



Vulnerable Road Users

This toolkit and the supporting resources make a great road safety initiative relevant to drivers, schedulers, supervisors and owner-operators.

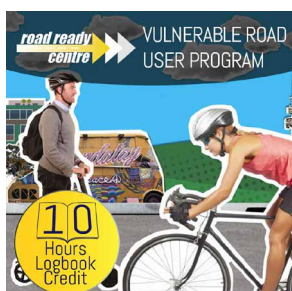
[Read more...](#)



Fact Sheet: Facts About our Most Vulnerable Road Users

Road users such as pedestrians, cyclists and motorcyclists can be considered as 'vulnerable' due to their lack of protection when interacting with traffic, and for this reason they are at greater risk of being fatally or seriously injured in a crash.

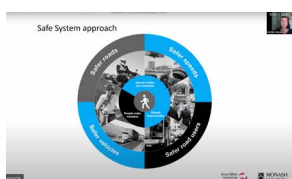
[Read more...](#)



Vulnerable Road User Program

The 'VRUP' is designed to engage with new drivers to give them greater insight, awareness and respect for motorcyclists, cyclists and pedestrians to reduce the risk of harm to these at risk road users.

[Read more...](#)



ACRS Webinar: Protecting Vulnerable Road Users

Watch this discussion on the issue of road sharing between drivers and vulnerable road users (VRUs), and how we can all do our part to stay safe. This webinar features Dr. Marilyn Johnson and Kenn Beer.

[Read more...](#)



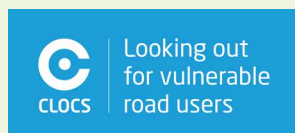
Australian Government
Office of Road Safety

Fact sheet: Vulnerable road users

Vulnerable road users (VRU) are road users not in a car, bus or truck, generally considered to include pedestrians, bike riders and motorbike riders. In the event of a crash, VRUs have little to no protection from crash forces.

[Read more...](#)

NRSP Resources



Looking out
for vulnerable
road users

Construction Logistics and Community Safety UK

CLOCS is a national Standard that requires all stakeholders in construction to take responsibility for health & safety beyond the hoardings.

[Read more...](#)



Construction Logistics and Community Safety Australia

A national good practice approach for managing the risks and impacts associated with a construction project's on-road transport and logistics activities to improve community road safety.

[Read more...](#)



Fleet Operator Recognition Scheme

The Fleet Operator Recognition Scheme (FORS) is a voluntary accreditation scheme for fleet operators which aims to raise the level of quality within fleet operations, and to demonstrate which operators are achieving exemplary levels of best practice in safety, efficiency, and environmental protection.

[Read more...](#)



Vulnerable Road Users Solutions EOI

A national consortium of government and industry organisations wish to undertake iMOVE projects in relation to vulnerable road users (VRU). iMOVE and its partners in this initiative are looking for new technology applications that could improve the safety of VRUs, ultimately leading to saving lives and reducing injuries.

[Read more...](#)



The Amy Gillett Foundation

The Amy Gillett Foundation works with all levels of government, road authorities, corporate, motoring, cycling and community safety organisations and the public to create a safer cyclists environment in Australia.

[Read more...](#)

Events



BINGO Industries:
Safe to the core: How an evolving safety culture drove business success

Presented by
Yeena Kirkbright | Corporate Affairs Manager
Jamie Reynolds | General Manager Commercial & Industrial

Thursday 21 October 2021 | 11:00am AEST
WEBINAR

BINGO INDUSTRIES

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Safe to the core: How an evolving safety culture drove business success

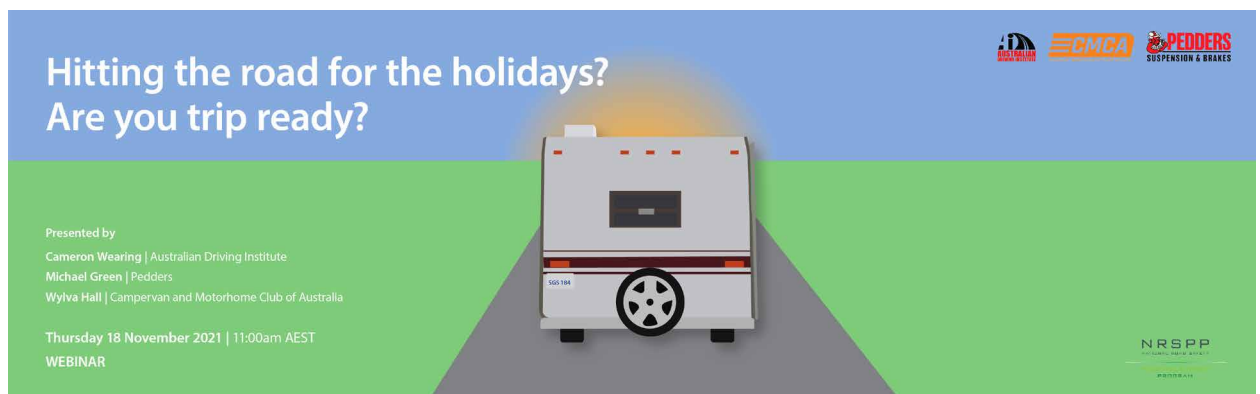
Presented by:

*Yeena Kirkbright, Corporate Affairs Manager
Jamie Reynolds, General Manager Commercial & Industrial*

October 21, 2021 | 11:00am AEST

This webinar explores how BINGO has kept safety as a core principle as it grew from a family company to a multi-state leader in recycling and waste management, the impact of technological and other safety measures it introduced, how it improved pedestrian and workplace road safety, the strategies it put to place to engage its workforce with safety, and the link between safety and business success in a competitive marketplace.

[Register here](#)



Hitting the road for the holidays?
Are you trip ready?

Presented by
Cameron Wearing | Australian Driving Institute
Michael Green | Pedders
Wylva Hall | Campervan and Motorhome Club of Australia

Thursday 18 November 2021 | 11:00am AEST
WEBINAR

DRIVING INSTITUTE **EMCA** **PEDDERS**
SUSPENSION & BRAKES

NRSP
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PROGRAM

Hitting the road for the holidays? Are you trip ready?

Presented by:

Cameron Wearing, Michael Green and Wylva Hall

November 18, 2021 | 11:00am AEST

Loading up and hitting the road for holidays? It's just a matter of booking the destination, then packing the car, caravan, trailer or RV and we're on our way. Sounds simple, right? Thanks to Covid-19, many Aussies will be out on the road, loading up or towing for the first time in a while and may be a bit rusty.

[Register here](#)

Events



OzHelp: Mental Health Month Webinar Series

Duty of Care in the Workplace:
October 7th at 11am

Critical Incidents in the Workplace:
October 14th at 12.30pm

Supportive Conversations in the Workplace:
October 21st at 11am

Join our series of short webinars to explore ways that you can help create a positive connection to health and wellbeing throughout your workplace community.

[Register here](#)