

NRSP
NATIONAL ROAD SAFETY

PARTNERSHIP
PROGRAM

National Road Safety Partnership Program

Monthly Bulletin

July 2022 | Newsletter No. 92

Improving Road Safety Is Simply Good Business

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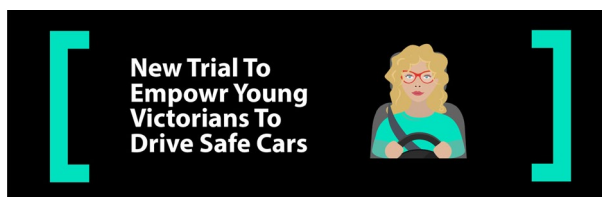
ACCIDENT
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NRSPP Achievements

- NRSPP is proud to announce its **Annual Report** for 2021/22 in our new look approach.
- NRSPP welcome **Redarc** and **Truck Industry Council** as Program Partners.
- **Empowr Mobility** launched its second pilot in June to help young drivers access ex-fleet safe and fit-for-purpose vehicles and grow into safe drivers:



- Victorian pilot is funded by **Transport Accident Commission (TAC)**, with five vehicles provided by **IAG (Insurance Australia Group)**, young drivers were nominated by **Ganbina**, an indigenous school-to-work transition program, in Shepparton, and in Geelong, major regional employer **Barwon Water** through its progressive trainee program.
- **Viva Energy** has provided fuel vouchers to help incentivise and reward safe driving.
- The pilot is using **iAuditor** provided by Safety Culture to assist with pre-start checks.
- NSW Government Pilot funded **State Insurance Regulatory Authority (SIRA)**, delivered with **Transport for NSW (TfNSW)** and 10 vehicles provided by **Essential Energy**.
- NRSPP's **Heavy Vehicle Toolbox Talk** student project team presented the development process to **Transurban workers** virtually from their **Melbourne Head office** as part of their **lunchtime TU TALK**.



- Heavy Vehicle Toolbox Talks (HVTBT):
 - Truck Driver Interviews for "Batch 4 — External Factors on the Road", currently being established.

PRE-START INSPECTION

- Jerome Carslake provided an overview of the HVTBT to:
 - Cement, Concrete and Aggregates Australia – Victorian Chapter
 - Bulk Tanker Association
- CLOCS-A has commenced the development it "Ride Along" with several people testing the experience. Holcim assisted in organising a trip for Jerome Carslake from their Pakenham quarry and several students working on the CLOCS-A app.



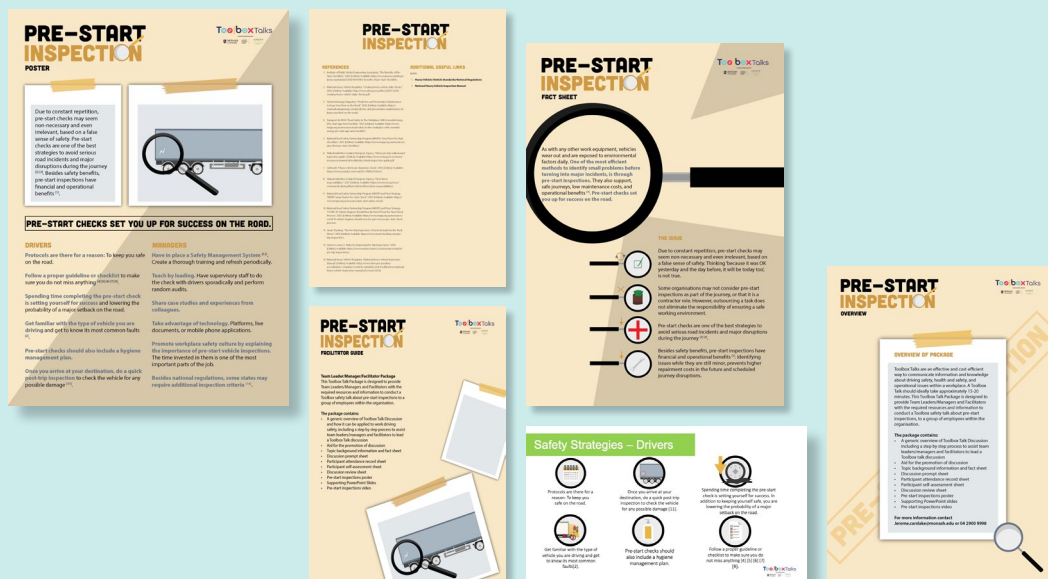


NRSP's Next Heavy Vehicle Toolbox Talk is Out Now!

PRE-START INSPECTION

As with any other work equipment, vehicles wear out and are exposed to environmental factors daily. One of the most efficient methods to identify small problems before turning into major incidents, is through pre-start inspections. They also support, safe journeys, low maintenance costs, and operational benefits ^[1]. Pre-start checks set you up for success on the road.

Due to constant repetition, pre-start checks may seem non-necessary and even irrelevant, based on a false sense of safety. Thinking 'because it was OK yesterday and the day before, it will be today too', is not true.



Monthly Focus: Eco-Safe Driving

Why does it have to be a choice between safe-driving and eco-driving?

Well it doesn't have to be as the two are perfectly aligned, and when applied as Ecosafe driving it becomes a win-win all round. For workers and the community improved safety; vehicle emissions are lower; and operational costs are down.

The theme for this month is exploring how easily Ecosafe driving can be integrated into an organisation as standard good practice when applied as part of system. For more details please explore NRSP new Q&A, Toolbox Talk and Strategy Thought Leadership.

Monthly Features

NRSP Q&A: Are there business and safety benefits from eco-safe driving?



Key outcomes

- Eco-safe driving reduces cost for fleets, promotes safety, and is sustainable for the environment.
- The common method of promoting eco-safe driving is through education and creating awareness of its benefits to workers, fleets, and the environment.
- Technology like telematics, in-vehicle monitoring systems and e-coaches can be adopted to modify driver behaviour to engage in more eco-safe practices.
- Use of technology is limited and there is a need to maximise its usage for data collection and surveillance.
- Electric and hybrid vehicles compensate for up-front cost and limitations in monitoring driving behaviour by improving safety and contributing to achieving net zero.
- Effective eco-safe driving enhances service delivery, improves an organisation's reputation and helps reduce operating costs.
- Different approaches to improving eco-safe driving are related and collective use leads to better outcomes.

The question

Is there a business case for eco-safe driving? How do organisations implement it? And what other methods are used to promote and measure workplace road safety and emissions for mobile workers?

Many organisations have three ways to manage the mobility of their workforce:

- Efficiency – to reduce costs
- Safety – to protect workers and the community, and
- Environment/sustainability – to lower emissions, and potentially achieve net zero.

However these are often managed in silos, when in fact they are linked and support each other, meaning many organisations are missing out on the combined benefits.

This Q&A explores the key question of: How do organisations implement eco-safe driving and what other measures do they take to achieve net zero emissions and other related benefits for their mobile workers?

A systems-based approach

No organisation operates in a vacuum. Instead, its people and day-to-day business functions draw on many internal and external elements. In Australia, *safe system* principles, for example, underpin our approach to road safety at a Federal, State and local level.¹¹

Road safety is good business for companies. When viewed as an investment rather than a cost, safe and sustainable driving provides significant savings in running and maintenance expenses. In fact, a symposium on eco-safe driving with workplace professionals identified several factors that reduce costs, with the top three – smooth driving, planning trips and reducing speed – identified as reducing fuel costs by between a quarter and a third (see Fig. 1).¹¹

Elements of Eco-Driving	Potential Fuel Saving Cost (%)
Smooth Driving	33%
Trip Planning to Minimise Time	30%
Reduced Excessive Speed	23%

Fig. 1: Elements of Eco-safe driving and potential fuel saving cost

Triple bottom line model:

All these elements of eco-driving are related to driving behaviour. When individuals and organisations adopt the elements of eco-driving and improve their driving behaviour, it leads to Economic, Environmental and Social benefits for the company and the community.

Economic: This implies that for eco-safe driving to be well adopted by fleets, it must be economical.

Environment: This model also believes that practicing eco-safe driving will be environmentally friendly, providing sustainability benefits.


Social: Eco-driving must also benefit fleet drivers, grey fleets, large fleets, and small fleets.



Fig. 2: Triple Bottom Line Model

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NRSP Thought Leadership: The 'Kiss' Principle: How to create a safety strategy that engages your workforce.



Creating and implementing a workplace road safety strategy can – and should – be simple. For it to work, those setting the strategy should be able to clearly explain its overall objective in one sentence, and those responsible for implementing it should understand their role in achieving the objective.

This brief Thought Leadership piece outlines some key factors to consider, and follows a related piece focused on building a safety culture.

Keep it simple

Most strategies fail. And they fail because they are so complicated no-one can understand them, and because the objectives set are not achievable. But according to Business Linguist and Strategy expert Brett Rutledge, it doesn't have to be this way.

"Typically an organisation may have a five-year safety strategy but something will happen in year two, like a pandemic, that wasn't factored in or they just won't finish it all," he says.

"So do organisations take what they didn't finish and think 'this was all worth doing, we just got the timeframe wrong' and roll it into the next strategy? No, they abandon all that work and start again, and this is why people see a strategy in an organisation and roll their eyes."

Brett says another common reason strategies fail in organisations is that people tasked with creating them rush to communicate their objective without themselves understanding the purpose.

"We skip over the critical questions: What is it? Why does it matter? How does it work? If the people coming up with the strategy can't answer those questions, how is anyone else supposed to?"

"You want to change something, right? That will require a strategy. People think we're not big enough for a strategy, but just think of it as a plan of how we're going to get there."

"That plan of action needs a very clear objective and then we can drill down into whatever tasks are required to complete it."

"And remember, strategies aren't meant to be read, they're meant to be navigated. It should be simple and something I can immediately understand, and I should be able to easily find the bit that matters to me and how I can contribute (see breakout box)."

"You're also going to require a certain way of working to do it – that's what a culture is. So if you don't take the time to grow the culture you need, and to figure out the plan you need, how are you going to make this change?"

"Basically strategy is where you want the organisation to go and culture is the way you operate, and they work together. You can't have a plan without the people, and if the people don't have a plan, what are they doing?"

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Click [here](#) to download the full Q&A

Click [here](#) to download the full Thought Leadership

NRSPP Blog

Eco-safe driving: Fuelling economic, environmental and safety benefits

Eco-safe driving:
Fuelling economic,
environmental and
safety benefits



Anyone who has been to the bowser in recent months knows how sharply fuel prices have increased. And anyone who operates a vehicle, whether their personal car or managing a large heavy vehicle fleet, knows that keeping vehicles running can be an expensive exercise.

In fact, fuel, insurance and service, maintenance and repair costs alone account for around half of fleet operating costs.

One effective, immediate and easily-implemented way individuals and organisations can minimise rising vehicle operating costs, while also improving safety for drivers and other road users, is eco-safe driving.

In a nutshell, eco-safe driving practices simultaneously improve road safety while reducing vehicle emissions and other environmental impacts.

The business case for organisations is two-fold. The flow-on effects of eco-safe driving bring bottom-line benefits by reducing fuel, maintenance and other operating costs. And strong environmental and safety performance bring reputational benefits, putting businesses in a stronger position to attract customers and compete for contracts.

It's what we aspire to anyway

For example, not speeding or simply slowing down reduces fuel use, lowering emissions and the fuel bill at the same time, while reducing crash risk and the severity of consequences if crashes do happen.

Similarly, reducing or eliminating harsh braking and driving smoothly simultaneously improves the maintenance and repair bottom line and environmental performance.

Research shows that reducing excessive speed, smooth driving and trip planning alone can cut fuel use by up to a third – and the resulting safety and reputational benefits are obvious.

Beyond immediate measures to improve driver behaviour, organisations are also increasing the mix of hybrid and electric vehicles in their fleet and utilising technological solutions to bring eco-safe driving strategies to the fore.

Real-world industry experiences

Several organisations share their practical experiences with eco-safe driving, and its financial and other impact, in the latest NRSPP Q&A: Are there business and safety benefits from eco-safe driving?

The Q&A highlights practical tips on the most effective eco-safe driving practices, ranging from removing clutter in vehicles to updating fleet composition, and how they can often instantly and easily be introduced by organisations, such as using gamification principles or available software.

Importantly, the Q&A combines findings from research with real-world examples via interviews with industry operators outlining the eco-safe driving practices they have implemented, why and how, and direct and indirect impacts.

Read the Are there business and safety benefits from eco-safe driving? Q&A [here](#).

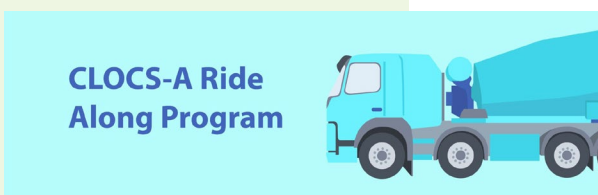
NRSPP News



New Trial To Empowr Young Victorians To Drive Safe Cars

The Andrews Labor Government is supporting a new trial that will help young Victorians overcome barriers in accessing a safe vehicle, while also collecting critical data to help drivers learn how to be safer on the road.

[Read more...](#)



CLOCS-A Ride Along Program

This month the CLOCS-A team will be piloting a new initiative to give road users a chance to experience travelling through a city environment in a construction truck.

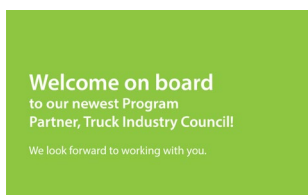
[Read more...](#)



Pre-Start Checks Set You Up For Success On The Road

Due to constant repetition, pre-start checks may seem non-necessary and even irrelevant, based on a false sense of safety

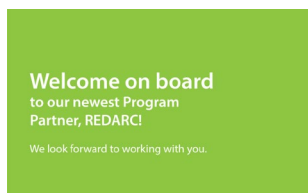
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Welcome To Our Newest Program Partner, Truck Industry Council

NRSPP is happy to welcome on board our new Program Partner, Truck Industry Council.

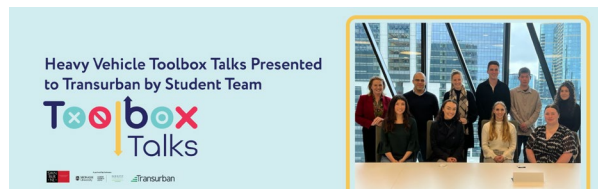
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Welcome To Our Newest Program Partner, REDARC

NRSPP is happy to welcome on board our new Program Partner, Redarc.

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Heavy Vehicle Toolbox Talks Presented To Transurban By Student Team

On Thursday the 16th of June, NRSPP and the Swinburne Design Bureau headed into Transurban's Melbourne office to present the new Heavy Vehicle Toolbox Talks (HVTBTs).

[Read more...](#)



Plugging The Gap... Homeowners Are Bolstering The UK's EV Infrastructure By Renting Out Their Driveways

Homeowners with an electric vehicle (EV) charge point on their driveway are helping to make range-anxiety a thing of the past by renting out their driveway to EV owners...

[Read more...](#)



Company Fined \$490,000 After Milk Tanker Tragedy

Peter Stoitse Transport Pty Ltd pleaded guilty in the Latrobe Valley County Court today to two charges of failing to provide and maintain a safe working environment.

[Read more...](#)

Social Media



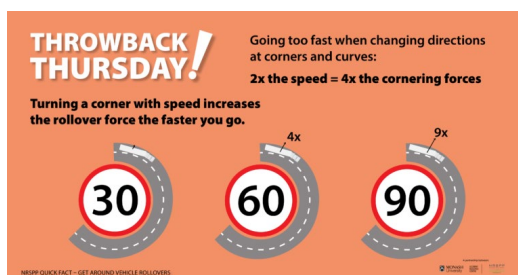
Airbags are vital to your safety in an incident and are even more effective when used with a seatbelt.

[Download it here.](#)



Getting a workforce to adopt a new safety culture can be difficult. Sutherland Shire Council have successfully done this and offered 4 key tips for achieving a unified safety culture.

[Download it here.](#)



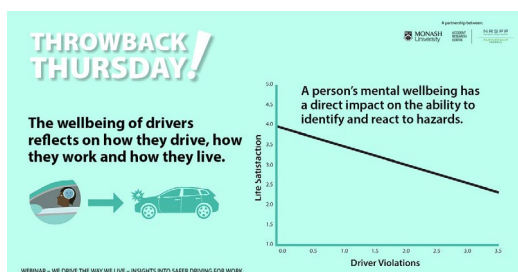
Too much speed brings higher rollover force.

[Download it here.](#)



The use of cannabis for medicinal reasons is growing in Australia. Its use is complicating, often medically controversial and has significant ramifications for workplaces, especially mobile workers.

[Download it here.](#)



When people are in a good headspace, or are enjoying their work, they are much safer. This also applies the other way around though.

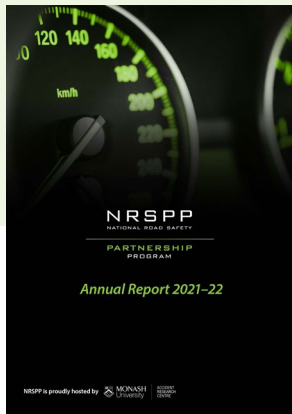
[Download it here.](#)



A subtle reminder: Driving in the rain cannot only impact on your stopping distances and control of the vehicle it can also impact on how well you see the road.

[Download it here.](#)

NRSP Resources



NRSP Annual Report 2021-22

NRSP is proud to announce its Annual Report for 2021/22 in our new look approach.

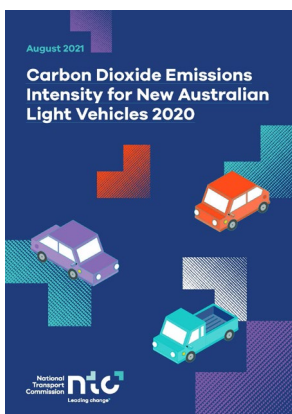
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Eco-Safe Driving

75% of fleets are made up of large engines with a capacity of more than two litres. Eco-safe driving is environmentally friendly, helps you stay safe on the road and keeps operation costs low.

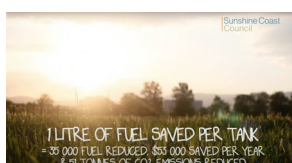
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Carbon Dioxide Emissions Intensity For New Australian Light Vehicles 2020

Every year since 2009, the National Transport Commission (NTC) reports on the carbon dioxide intensity performance of new passenger and light commercial vehicles sold in Australia...

[Download here...](#)



EcoSafe Driving – Reducing Emissions And Fuel Consumption

1 litre of fuel saved per tank = 35 000 fuel reduced. \$53 000 per year & 51 tonnes of CO₂ emissions reduced.

[Read more...](#)

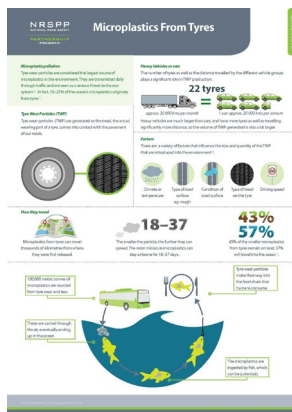
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NRSP Quick Fact: Eco-Safe Driving: Safety And The Environment

Eco-Safe Driving is a style of driving which reduces fuel consumption and improves a vehicles efficiency, significantly reducing the impact of gasoline on the environment.

[Download here...](#)



NRSP Quick Fact: Microplastics From Tyres

Tyre wear particles are considered the largest source of microplastics in the environment. They are transmitted daily through traffic and are seen as a serious threat to the eco system.

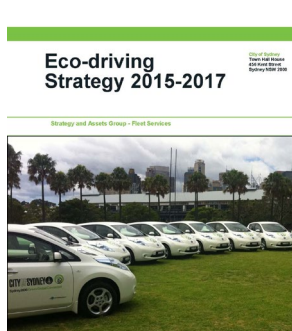
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Churches Of Christ In Queensland: Safety, Sustainability And The Business Case For Building A Road Safety Culture

When Churches of Christ in Queensland decided to extend its external focus on caring for some of the most vulnerable in our community to include an internal focus on caring for its drivers and improving road safety, it decided on a staged approach that began with the 'low hanging fruit' and will build a strong culture over time.

[Download here...](#)

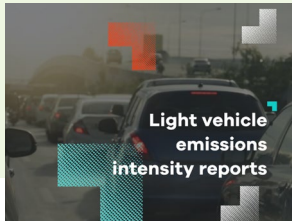


Eco-Driving Strategy 2015-2017

Eco-driving is a driving style that helps the environment and combats climate change by reducing fuel consumption and greenhouse gas emissions.

[Download here...](#)

NRSP Resources



National Transport Commissions Light Vehicle Emissions Intensity Reports

Each year since 2009, we have published a carbon dioxide emissions intensity report on Australian light vehicles sold in the previous year. The report for 2020 is now available.

[Read more...](#)



Murcotts EcoDriving Tips

Most Australians love their cars and love driving. But motorists face two serious problems – global economic downturn and global warming.

[Read more...](#)



RACQ eco-drive

By adopting RACQ's eco-driving techniques you can reduce both your fuel bills and your carbon dioxide emissions.

[Read more...](#)

Events

JULY

Making Strategy Work

Presented by
Brett Rutledge | Linguistics & Strategy, Sensemap

WEBINAR



Making Strategy Work

Presented by:
Brett Rutledge, Sensemap

July, 20 2022 | 2:00pm AEST

The fact that 70% of strategies fail clearly indicates that people are not taking the time to really understand their safety strategy, nor are they articulating it in a way that makes sense to everyone else. If you want your safety strategy to succeed, a sensible starting point is ensuring everyone understands it.

Our resident language expert, Brett Rutledge will take us through the mistakes everyone makes in formulating strategy and how to avoid them.

[Register here](#)

AUGUST



23rd International Council on Alcohol, Drugs and Traffic Safety (ICADTS) Conference

23rd International Council On Alcohol, Drugs And Traffic Safety (ICADTS) Conference

Presented by:
Dr Doelen, Rotterdam, The Netherlands

August, 28 2022 | 12:00am AEST

For over 65 years delegates have met to find solutions to issues relating to alcohol, drugs and traffic safety around the world. ICADTS provides delegates with a great opportunity to network and explore ideas and solutions to current and emerging issues.

[Register here](#)

Events

SEPTEMBER



2022 Australasian Road Safety Conference

Presented by:

Australasian Conference of Road Safety

September, 28 2022 | 11:00am AEST

September, 30 2022 | 11:00am AEST

Join Australasia's leading road safety and injury prevention researchers, practitioners and policy makers for the Australasian Road Safety Conference 2022.

ARSC 2022 will be held in conjunction with Trafinz in Christchurch, NZ and online to accommodate delegates from anywhere in the world. This hybrid format will bring together road safety stakeholders and decision-makers from Australasia and international jurisdictions to facilitate collaboration and share information.

[Register here](#)



Transport
for NSW



State Insurance
Regulatory Authority



Queensland
Government



Transport
Accident
Commission