

TAC  
FUTURE  
ROAD  
COMPETITION  
2024



Information  
Pack 2024

01

# About the TAC Future Road Competition



The Transport Accident Commission (TAC), along with its Road Safety partners, are committed to halving the lives lost on Victorian roads by 2030. To help achieve this, the TAC is seeking innovative solutions and the application of Safe System principles to road design projects. This approach supports the commitment of the National Road Safety Strategy 2021-30 in strengthening all elements of our road transport system under four key themes: Safe roads, Safe vehicles, Safe speeds and Safe road use.

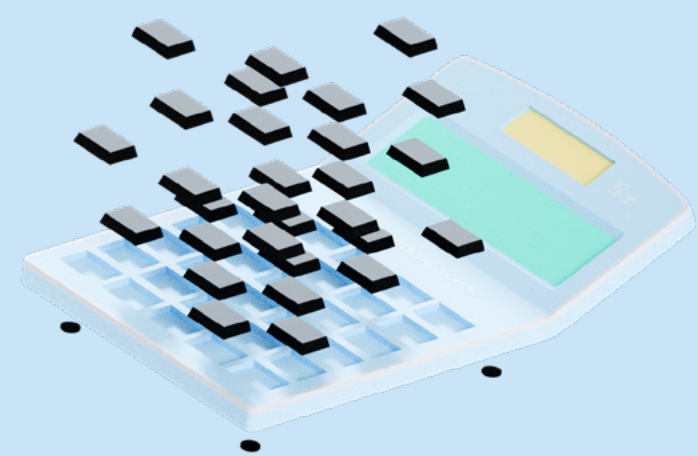
A safer future starts with you – students entering the industry – to make the long-term changes that are necessary to ensure safety is a central consideration in relation to all aspects of how we design and deliver new and upgraded roads across Australia.

This is our challenge, and as part of TAC's commitment to this outcome it invites relevant tertiary level students to join the second Future Road Competition. The Competition follows a real-world Safe System design project proposal in Victoria. Engineering students from Universities across Australia will participate to put their skills to the test and help prevent lives lost on our roads.

# 02

## Why Participate?

The competition is an industry-led activity with unique opportunities to follow a real-world project cycle and engage with industry experts.



The Competition provides the following opportunities:

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**Gain best-practice industry knowledge required for entering the workforce.**

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**Apply Safe System theory to a real-world project proposal.**

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**Improved understanding of a full project cycle from concept to delivery.**

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**Gain professional development experience to add to your CV and interviews.**

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**Be awarded with prize money and increased industry networking opportunities.**

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Shortlisted teams will have the opportunity to present their work to the jury of industry experts. The winning team will also engage with the industry lead consultant on the delivery of the real-world project, in addition to other networking opportunities.





# 03



## The Challenge

The Competition follows a real-world project proposal in the Federal Black Spot Program, to demonstrate an industry project cycle. This real-world project proposal will run in parallel with the Future Road Competition.

The Competition Brief will provide students with real program funding guidelines, to assist their response to the brief. The guidelines support the application of Safe System approaches to design solutions. Your challenge is to propose Safe System applications to the project and demonstrate innovative thinking.

Students will be provided with project context materials including maps, visuals, and resources to research the Safe System approach. A Q&A period will also be available within the competition period. Students are not expected to visit the site.

### The Safe System

Safe System principles aspire to zero lives lost and serious injuries on our roads. The approach avoids economic motives and prioritises human life above all else.

The guiding principles behind the approach are:

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**People make mistakes -  
a mistake should not cost anyone's life or health.**

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**Human physical frailty - humans cannot withstand crash forces.**

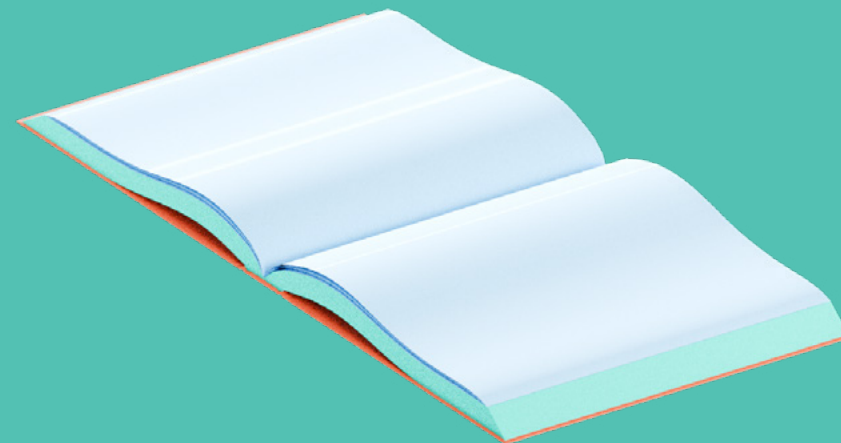
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**Design a 'forgiving' road transport system.**

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Fundamentally, the Safe System acknowledges that humans will continue to make mistakes and crashes will occur, yet with the combination of the Safe System pillars, energy shall be managed such that harm does not occur in the event of a crash. This is called 'system design'.

# How to participate



1.

## CHECK YOU ARE ELIGIBLE

Competitors must be composed of either an individual or a team, the members of which are all:

- (a) Residents of Australia aged 18-30 years.
- (b) Actively enrolled in undergraduate engineering courses of an Australian University.
- (c) Have not had their motor vehicle license previously suspended or cancelled in the two years prior to date of entry or have more than five demerit points in the last five years.

Where the Competitor is composed of a team, the Competitor must include no less than one Team Member that is a Registrant.

2.

## REGISTER TO ENTER

Students wishing to participate in the competition must register to participate before **12 August 2024**.

Register here: [www.tac.vic.gov.au/road-safety/tac-campaigns/future-road](http://www.tac.vic.gov.au/road-safety/tac-campaigns/future-road).

Not sure if working as an Individual or in a Team is the right choice? All interested students should register their interest first, then decide during stage one if working as an Individual or in a Team is the right choice for them.

3.

## REVIEW COMPETITION DOCUMENTS

All registrants will be provided access to the competition documents and guidance information at the commencement of Stage One to the email used in registration. Stage One opens on 29 July 2024.

4.

## DEVELOP YOUR SUBMISSION

Ensure your submission is developed in accordance with the Conditions and in response to the Brief. Submission templates will be provided to assist your proposal, ensure that you complete all required information fields.

If you are working within a team, ensure that your team members are all acknowledged, and if you are working individually ensure you tick the relevant box in the template form to confirm this.

5.

## LODGEMENT

Ensure that you lodge your submission on time and in the manner as outlined in the Conditions document. Submissions that are lodged late, or in a manner other than instructed may not be accepted.

# Competition Timeline

STAGE ONE	DATE	ACTIVITY
Registration Period	<b>15 May - 12 August 2024</b>	All participants are encouraged to register. Start forming your teams.
Stage One Submissions Opens	<b>29 July 2024</b>	Review the competition brief and begin preparing your proposals.
Launch Webinar Event	<b>Early August 2024 - Date TBC</b>	Attend the launch webinar event to learn from industry experts and understand the competition tasks. Webinar event details will be communicated to all registered participants.
Q&A Period	<b>29 July - 19 August</b>	Submit any Questions you may have regarding the Brief & Conditions.
Stage One Submissions Close	<b>26 August 2024</b>	Submit your proposal within the portal.
Shortlist Informed	<b>04 September 2024</b>	
Shortlist Licence Verification Process	<b>05 September - 06 September 2024</b>	TAC requires all shortlisted participants to be verified and pass a licence check.



STAGE TWO	DATE	ACTIVITY
Stage Two Opens	<b>10 September 2024</b>	Stage Two criteria provided. Shortlisted teams begin preparing their presentations.
Q&A	<b>10 September - 01 October 2024</b>	Submit any Questions you may have regarding the Brief & Conditions.
Stage Two Submissions Close	<b>08 October 2024</b>	Submit your proposal within the portal.
Public Announcement	<b>16 October 2024</b>	

*Please note, this is summary information only and is subject to may change. Participants must refer to the Competition Conditions and Brief to ensure the information you have is accurate and current.*

# Prizes

To reward you for your Safe System approach thinking, a prize pool of up to \$10,000 is to be awarded to ranked Competitors. There is one prize for the first prize Competitor, which may be either an individual or a team.

Dependent on whether the First Prize Winner is an individual or a team, different prize monies will be awarded. All other prize values are irrespective of whether an individual or a team.

## Team or individual

### 1<sup>st</sup>

- \$6,000 cash reward as a **team prize**
- \$3,000 cash reward as an **individual prize**
- Opportunity to present to industry experts
- Consultation with the Mornington Peninsula Shire project experts
- TAC certificate
- Public recognition as winners by the TAC

### 2<sup>nd</sup>

- \$2,000 cash reward
- TAC certificate
- Public recognition as runner-up by TAC

### 3<sup>rd</sup>

- \$1,000 cash prize

### 4<sup>th</sup>

- \$500 cash prize

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## Submission requirements

The Competition comprises of two stages:

### STAGE ONE

#### Safe System Proposal

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As an individual or Team, students will prepare a submission following a provided proposal template.

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Competitors are challenged to demonstrate an understanding of Safe System thinking and potential applications to a real-world road safety project proposal.

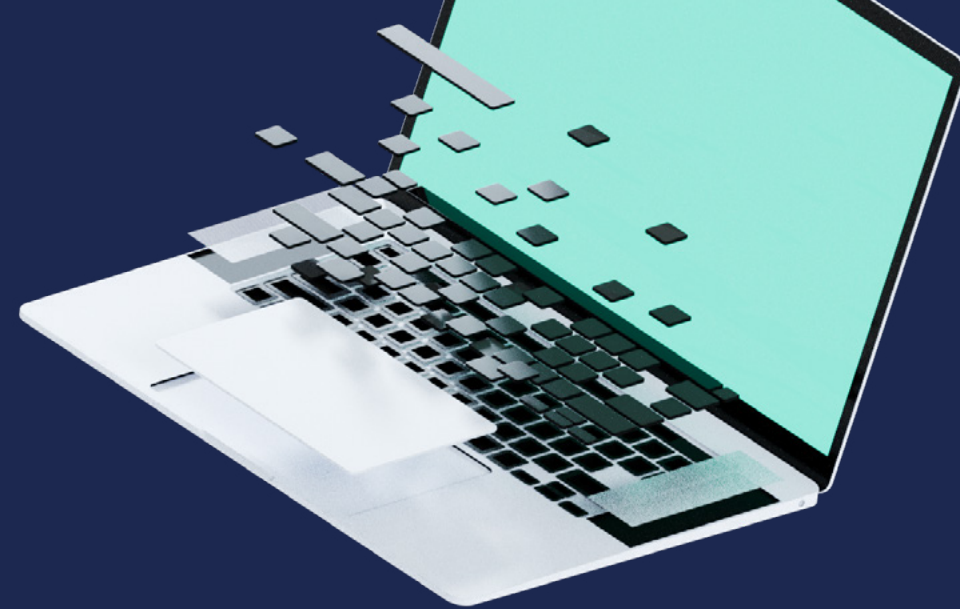
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A jury of industry experts will review each proposal in consideration of the Evaluation Criteria.

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The top four submissions will be shortlisted to proceed to Stage Two.

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### STAGE TWO

#### Reports and Presentation

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Shortlisted Competitors complete their Stage Two Submission, following requirements provided at the commencement of Stage Two.

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The submission includes developing a presentation to submit to the jury.

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The jury will review all Shortlisted entries and award the ranked winners.

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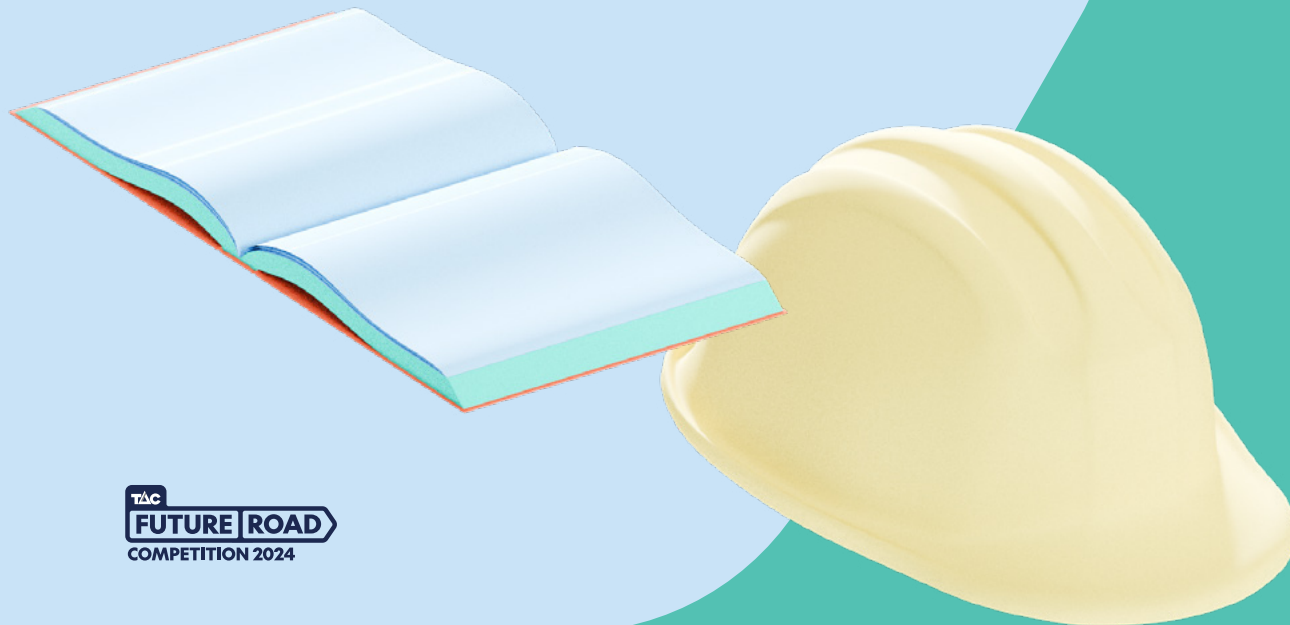
## Enter Now

Don't miss your chance to transform your career and the future of our roads.

Register today



# Questions & Answers



The Q&A will be open throughout Stage One and Stage Two within the times specified in the Competition Timeline. All Registrants may ask a question in the Q&A.

For questions regarding registration, please contact  
[futureroad@citylab.com.au](mailto:futureroad@citylab.com.au)