

# CYCLING INFRASTRUCTURE TRAINING

NOVEMBER 2021

STARTS 9 NOVEMBER 2021

## IMPROVE CYCLIST SAFETY VIA VIRTUAL REALITY

In conjunction with the Road Safety Advisory Council and Tasmanian Bicycle Council, Safe System Solutions is pleased to offer an interactive cycling infrastructure training course for local engineers. This novel training will provide participants experiential learning on a variety of cycling infrastructure treatments and how they impact on cyclist safety. Attendees will be provided with **virtual reality goggles and 360° footage** that highlights a variety of cycling treatments both on and off-road. The 360° footage will demonstrate best-practice cycling infrastructure. Moreover, the workshop sessions will **sharpen attendees' skills in identifying hazards and providing solutions for cycling infrastructure**. **Experienced facilitators** will provide insight and communicate what is 'best practice' for delivering cycling infrastructure.

### TRAINERS



**Max McCardel**

- Senior Projects Engineer, Safe System Solutions Pty Ltd

Max is a senior project engineer with a wealth of hands-on, road safety engineering experience. Max is a keen commuter and recreational cyclist

and keeps up to date with best practice for designing and delivering cycling infrastructure. Max also runs the 'Cycling Auditor Training Course' which is aimed at sharpening road safety practitioner's skills in identifying and providing solutions for cyclist safety.



**Kenn Beer**

- Principal Engineer, Safe System Solutions Pty Ltd

Kenn Beer has been a road safety practitioner for almost 20 years and is a qualified road safety engineer,

Senior Road Safety Auditor, transport planner, trainer and assessor. He is one of Australia's most active Safe System practitioners having undertaken over 100 major Safe System Assessments. Kenn also delivers training on Safe System Principles and Assessments nation-wide and was the architect of the business case for the TAC's \$75 million investment in cyclist safety.

### KEY LEARNING OUTCOMES

Strengthen participants' ability to reliably and effectively:

- Appraise whether infrastructure used by cyclists is safe
- Identify specific features of infrastructure which raise safety risk for cyclists
- Review best practice infrastructure
- Gain personal user experience of the safety risks faced by cyclists

### WHO SHOULD ATTEND?

- Traffic designers, planners & engineers
- Existing certified auditors wanting to refresh and extend capabilities in the growing risk area of cyclist safety
- Personnel involved in developing cycling projects
- Road safety practitioners

### TIME COMMITMENT (OVER 2 WEEKS)

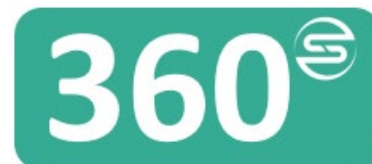
Live Webinar participation -	6 hours
Assignment work -	2.5 hours
Quiz questions -	30 minutes
<b>Total (CPD Hours)</b>	<b>9 hours</b>

### COST (PER PERSON, GST INCLUSIVE)

Tasmanian residents	*\$275
Outside Tasmania residents	\$795

*\*Tasmanian residents are partially funded by the Road Safety Advisory Council.*

*Limited places for discount rate*



# CYCLING INFRASTRUCTURE TRAINING

## CYCLING INFRASTRUCTURE TRAINING COURSE | PROGRAM AGENDA

DATE	MODULE DETAILS	MEDIUM
<b>Tuesday 9 November</b> 2pm - 3.30pm	<b>Off road cycling facilities</b> <ul style="list-style-type: none"> <li>Shared path design</li> <li>Shared path crossing roads</li> <li>Shared path intersecting other shared paths</li> </ul>	<ul style="list-style-type: none"> <li>Live interactive webinar including quizzes (1.5 Hours, 2pm - 3.30pm)</li> <li>Participant review 360° footage</li> <li>Quiz questionnaire (10 minutes)</li> </ul>
<b>Thursday 11 November</b> 2pm - 3.30pm	<b>On road cycling facilities</b> <ul style="list-style-type: none"> <li>Protected bicycle lane design</li> <li>On-road bicycle lanes</li> <li>Mixed traffic environment</li> </ul>	<ul style="list-style-type: none"> <li>Live interactive webinar including quizzes (1.5 Hours, 2pm - 3.30pm)</li> <li>Participant review 360° footage</li> <li>Cycle lane risk identification exercise (30 minutes)</li> </ul>
<b>Tuesday 16 November</b> 2pm - 3.30pm	<b>Intersection treatments</b> <ul style="list-style-type: none"> <li>Protected intersections</li> <li>Signalised intersections</li> </ul>	<ul style="list-style-type: none"> <li>Live interactive webinar including quizzes (1.5 Hours, 2pm - 3.30pm)</li> <li>Participant review 360° footage</li> <li>Quiz questionnaire (10 minutes)</li> </ul>
<b>Thursday 18 November</b> 2pm - 3.30pm	<b>Roundabouts</b> <ul style="list-style-type: none"> <li>Protected roundabouts</li> <li>Multi lane roundabouts</li> <li>Local roundabouts</li> </ul>	<ul style="list-style-type: none"> <li>Live interactive webinar including quizzes (1.5 Hours, 2pm - 3.30pm)</li> <li>Participant review 360° footage</li> <li>Quiz questionnaire (10 minutes)</li> <li>Site inspection &amp; presentation exercise (2 hours)</li> </ul>

*\*Webinar timing in Australian Eastern Daylight Saving Time (AEDT) time unless otherwise indicated*

*\*\*Course structure subject to change*

### THIS INTERACTIVE PROGRAM GIVES YOU:

- Learning from **home**, no need to travel
- Complete the **field exercise near your home** - you choose your site
- Phone & email support throughout the program
- Supportive peer learning group via chat functionality
- **Engaging** content including live modules, quizzes, games, 360° footage and prizes to keep you motivated
- **Education pack** delivered to your door, includes design plans, exercises and virtual reality goggles (your smart phone required)

### SUCCESSFUL COMPLETION

In order to successfully complete this program and gain your certificate you must:

- Attend a minimum of 3 out of 4 live webinars (all webinars are recorded and available to review), and view any not attended.
- Satisfactory completion of all set tasks - including quizzes, exercises/assignments, site visit
- Achieve an average 80% pass mark on all quizzes (up to three attempts with one-on-one coaching available if required)

**CLICK HERE TO REGISTER**