



## The NRMA Future of transport challenge

Australia is looking for new technologies to reduce traffic congestion and make it easy for people living in regional areas to access work, education and medical services without needing to own a car.

We challenge year 7-10 students to take a closer look at these issues, apply design thinking and create a new product/service that addresses the social, environmental and financial needs of Australians.

Working in teams, students stretch their research, innovation and entrepreneurial skills and learn how to pitch their idea in a way that excites and informs others.

- Meets design thinking component of the NSW Technology mandatory 7 - 8 Syllabus
- Curriculum mapped to 8 NSW and ACARA STEM subjects
- Teacher and student education resources
- Cross curricular: STEM / PBL / Real World / Entrepreneurism / Technology / Geography
- Teamwork / collaboration / research / innovation
- Created and supported by the NRMA — a trusted transport industry expert
- Free of charge to all schools

**Visit [nrmafuturetransport.com.au](http://nrmafuturetransport.com.au) to learn more and register**

We make it easy for teachers with ...

- A dedicated website containing education resources for you and your students
- A 60 page design thinking playbook that takes you through the challenge
- Educational tools including assessment rubrics, pitch deck and executive summary templates
- Curriculum mapped: 8 STEM-related subjects (NSW and ACARA)
- Teacher support from the NRMA
- A free in-school consultation from the NRMA, for the four finalists, to perfect their pitch
- An exciting finals event where students pitch their idea to a panel of industry experts and an audience of their peers
- Financial support for finalists outside Sydney

### Key dates for 2019

- 1 Feb**      **The challenge begins, running in schools during term 1 and 2**
- 31 May**    **Registrations close**
- 26 Jun**    **Submission deadline**
- 26 Jul**    **Four finalists announced**
- 3 Sept**    **Final pitches, to be held at the Youth Eco Summit, Sydney**

### Teacher feedback from 2017 Future of transport challenge winner, Moriah College

In a changing world, it is critical to equip learners with collaborative and creative problem-solving skills. The NRMA future of transport challenge is an excellent platform for youth to explore and grow these critical skills. During the project, I created a learning ecosystem where students could develop authentic resilience in the design process, learn methods of cooperative innovation, and dare to be experimental.

The winning team's project, Passenger, is a true demonstration of how a group of Year 10 students applied these skills and solved a real-world problem. Each student contributed uniquely, and together, the team produced a sustainable, mathematically efficient, and original solution for Australia's future transport system.

*The NRMA future of transport challenge is proudly supported by the Bus Industry Confederation of Australia & BusNSW.*

*The Bus Industry Confederation and BusNSW represents the bus and coach industry in Australia. They carry more than 1.5 billion public transport passengers per year. They are interested in exploring new technologies to move Australians more safely and increase their access to mobility.*

**Contact the NRMA education team: [education@mynrma.com.au](mailto:education@mynrma.com.au)**

**Visit the Challenge website & register: [nrmafuturetransport.com.au](http://nrmafuturetransport.com.au)**

