



Australian Government

Department of Infrastructure, Transport,
Regional Development, Communications and the Arts

National Road Safety Action Grants Program—list of Technology and Innovation projects

Please note that details on this list will be finalised upon execution of all Grant Agreements.

February 2025

Organisation	Project Name	Total Grant Funds
The George Institute for Global Health	Are there age- and sex- differences in how Australian drivers interact with advanced vehicle safety systems that need to be considered in the assessment and design of these technologies?	\$231,679
Acusensus Australia Pty Ltd	Advancing Tailgating Safety: Acusensus innovative sensor technology to detect, assess and report on dangerous tailgating behaviours	\$165,212
Queensland University of Technology	Understanding fatigue in the operation of conditionally Automated Vehicles and an evaluation of HMI solutions for safe operation	\$303,646
Swinburne University of Technology	Sustainable and cost-effective safety roller barriers using recycled tyres and design optimisation	\$580,076
University of New South Wales	VRStreetLab: Evaluating Smart Cycling Infrastructures through Community Participation in a Virtual Reality (VR) Street Simulator.	\$233,965
Queensland University of Technology	Keeping track of disappearing vehicles: Understanding the challenge of new technologies and emerging micromobility	\$309,153
The University of Adelaide	Improving motorcyclist safety on curves using a perceptual approach	\$683,679

Organisation	Project Name	Total Grant Funds
Queensland University of Technology	Enhancing Road Safety: Developing and Testing VRU Activated Monitoring and Alert System	\$601,780
University of Technology Sydney	Reducing Trauma and Improving Safety on Rural and Regional Roads: Sustainable Road Sealing Innovation towards Net Zero	\$443,337
University of Canberra	Assistive Technologies for Young People Safety on Two-Wheelers	\$621,833
Curtin University	AI Assisted Design of Sustainable Road Barrier for Improved Road Safety	\$641,436
Monash University	Human-factors considerations for successful implementation of automated vehicles in high risk drivers	\$188,674
Swinburne University of Technology	Airbag Helmet for Cyclists & Personal Mobility Device Riders – Design, Development, Testing & Performance Evaluation	\$386,518
Monash University	Smart vehicles: Supporting the safe mobility of drivers with dementia through innovative in-vehicle monitoring/driver assist systems	\$528,197
The Cairnmillar Institute	Balancing Present and Future: Assessing Drivers' Perspectives on Current In-Car Glucose Monitoring Devices and Their Aspirations for Tomorrow's Innovations	\$106,527
Queensland University of Technology	Smart Intersection control for enhanced road safety of vulnerable pedestrians	\$443,981