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

August 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?	$231,678.94
Acusensus Australia Pty Ltd	Advancing Tailgating Safety: Acusensus innovative sensor technology to detect, assess and report on dangerous tailgating behaviours	$165,212.46
Queensland University of Technology	Understanding fatigue in the operation of conditionally Automated Vehicles and an evaluation of HMI solutions for safe operation	$303,646.00
Swinburne University of Technology	Sustainable and cost-effective safety roller barriers using recycled tyres and design optimisation	$580,075.71
University of New South Wales	VRStreetLab: Evaluating Smart Cycling Infrastructures through Community Participation in a Virtual Reality (VR) Street Simulator	$233,965.00
Queensland University of Technology	Keeping track of disappearing vehicles: Understanding the challenge of new technologies and emerging micromobility	$309,153.00
The University of Adelaide	Improving motorcyclist safety on curves using a perceptual approach	$683,679.00
Queensland University of Technology	Enhancing Road Safety: Developing and Testing VRU Activated Monitoring and Alert System	$601,799.90

Organisation	Project Name	Total Grant Funds
University of Technology Sydney	Reducing Trauma and Improving Safety on Rural and Regional Roads: Sustainable Road Sealing Innovation towards Net Zero	$443,337.00
University of Canberra	Assistive Technologies for Young People Safety on Two-Wheelers	$621,832.91
Curtin University	AI Assisted Design of Sustainable Road Barrier for Improved Road Safety	$641,436.00
Monash University	Human-factors considerations for successful implementation of automated vehicles in high risk drivers	$188,674.01
Swinburne University of Technology	Airbag Helmet for Cyclists & Personal Mobility Device Riders – Design, Development, Testing & Performance Evaluation	$386,518.00
Monash University	Smart vehicles: Supporting the safe mobility of drivers with dementia through innovative in-vehicle monitoring/driver assist systems	$528,197.49
The Cairnmillar Institute	Balancing Present and Future: Assessing Drivers' Perspectives on Current In-Car Glucose Monitoring Devices and Their Aspirations for Tomorrow's Innovations	$106,527.00
Queensland University of Technology	Smart Intersection control for enhanced road safety of vulnerable pedestrians	$443,981.00