

# SYMPOSIUM

## USING TECHNOLOGY TO REDUCE WILDLIFE-VEHICLE COLLISIONS:

*Identifying future directions and opportunities for research trials.*

TUESDAY 21 MAY 2024

Aerial UTS Function Centre,  
Bldg 10/Level 7, 235 Jones St, Ultimo, NSW  
and Online via Zoom



**Evan Walker**  
Director, Future  
Mobility, Emerging  
Tech, TfNSW

Presentation materials  
[| Accessible here](#)

## ABSTRACT

### **Future Mobility Testing and Research Centre (FMTRC) and how it can help in reducing wildlife-vehicle collisions.**

The Future Mobility Testing and Research Centre (FMTRC) is Transport for NSW's premier proving ground and is pivotal in evaluating vehicle and road technologies to enhance safety for our communities and wildlife. Situated in Cudal, regional NSW, FMTRC features a 1.6km test track, with plans for future expansion. The FMTRC specialises in emerging technologies, including Connected and Automated Vehicles (CAVs), Cooperative Intelligent Transport Systems (C-ITS) and zero emission technologies. A notable Future Mobility initiative is the Dubbo Smart Ute trial which assessed a driverless car's object detection and avoidance abilities, which could aid the vehicle to slow down and stop for things like pedestrians, animals, bicycle riders and other vehicles. Integral to vehicle safety improvements, the FMTRC is extensively involved in ANCAP safety testing, with technologies like Automated Emergency Braking, playing an instrumental role in preventing wildlife-vehicle collisions and enhancing road safety. Opening in 2019, the FMTRC is the southern hemisphere's first facility capable of testing and rating automated driver assist technologies and remains Australia's premier testing site. With over 85 test programs, plus another 35 education and engagement events, and the recent addition of a new intersection last year, FMTRC continues to expand its testing capabilities. Through its comprehensive testing and research facilities and partnerships, the FMTRC stands as a crucial asset for Transport for NSW in its drive to reduce casualties among our communities and wildlife.

## BIOGRAPHY

Evan Walker, Director of Future Mobility at Transport for NSW, brings over two decades of expertise in the transport sector. He spearheads innovative projects in new mobility technology, aiming to enhance safety, sustainability, and accessibility in community transport services. Evan founded the Future Mobility team in NSW, which conducts automated vehicle trials and safety assurance. This team also handles research and testing of automated features at the Future Mobility Testing and Research Centre in Cudal, regional NSW.