

28 October 2022

Standing Committee on Justice and Community Safety  
ACT Legislative Assembly  
LACommitteeJCS@parliament.act.gov.au

Dear Sir / Madam,

**RE: ACT Inquiry Into Dangerous Driving - questions on notice**

Thank you for the opportunity to attend hearings for this inquiry. During the course of giving evidence I committed to answer two questions on notice. I am replying to those questions as quickly as possible for two reasons, the first being my travel obligations next week and the second being the interest in the Inquiry completing its information gathering promptly.

**Question 1: Intelligent Speed Adaptation (ISA) - Levels and Impact**

There are a number of easily accessible reviews of ISA going back over 10 years based on data from Australia <sup>1</sup> and, to a greater extent, Europe <sup>2</sup>. The European report notes three levels of ISA:

- informative or advisory
- Supportive or warning
- Intervening or mandatory

The studies cited suggest greater safety gains are made with the more interventionist the technology. New European vehicles are, as of July 2022, required to have a system that provides any of:

1. Cascaded acoustic warning
2. Cascaded vibrating warning
3. Haptic feedback through the acceleration pedal
4. Speed control function

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<sup>1</sup> <https://roadsafety.transport.nsw.gov.au/research/roadsafetytechnology/isa/index.html>

<sup>2</sup> [https://road-safety.transport.ec.europa.eu/statistics-and-analysis/statistics-and-analysis-archive/esafety/intelligent-speed-adaptation-isa\\_en](https://road-safety.transport.ec.europa.eu/statistics-and-analysis/statistics-and-analysis-archive/esafety/intelligent-speed-adaptation-isa_en)

The options 1-3 apparently were, according to the European Transport Safety Council (ETSA) <sup>3</sup>, the product of lobbying from representatives of the car industry.

The ETSA also notes the importance of systems using good data on speed limits. Camera based speed limit recognition has weaknesses and should be supplemented or replaced by GIS systems.

Given that we are several years behind European standards at the moment it might be appropriate to start working towards the more stringent systems to “catch up” on the opportunities lost through slow introduction of ISA mandates.

### **Question 2. The Role Of Social Media in Promoting “Hooning”**

A brief search reveals no quality research on the extent or effect of promoting reckless driving manoeuvres on social media. This could be a fruitful area for more research in association with a social media platform. Ideally such a project would be carried out by researchers with expertise in Social Media and road safety.

Thank you again for the opportunity to be heard on the important issue of road safety.

Regards

Rod Katz

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<sup>3</sup> <https://etsc.eu/opinion-will-intelligent-speed-assistance-isa-live-up-to-its-promise/>