



Draft Principles for a National Approach to Co-operative Intelligent Transport Systems (C-ITS) in Australia

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Lodged by email to: C-ITSPinciples@infrastructure.gov.au

Dear Office of Future Transport Technology

The Smart Energy Council welcomes the opportunity to provide a submission on the Draft Principles for a National Approach to Co-operative Intelligent Transport Systems (C-ITS) in Australia.

The Smart Energy Council is the peak independent body for Australia's smart energy industry, representing around 1000 residential, commercial and large-scale renewable generation and storage companies, smart transport firms, as well as the renewable hydrogen and ammonia industry.

The Smart Energy Council believes we can and must have a strong economy and a safe climate. Electric vehicles, including passenger vehicles, heavy vehicles and micro mobility options, will play a critical role in achieving that vision and act as 'batteries on wheels', helping to support the energy grid of the future. Cooperative Intelligent Transport Systems (C-ITS) will likely play an important role in the smart transport future, enabling communication between vehicles, roadside infrastructure, and pedestrians and cyclists. C-ITS provides an opportunity to improve road safety, transport productivity, and reduce transport emissions.

Additionally, a well delivered national approach to C-ITS could encourage the uptake of electric vehicles by enhancing user experience, for example by broadcasting electric vehicle charging point availability. C-ITS also has the potential to contribute to transport decarbonisation. Through efficiency improvements such as the provision of off-street parking directions and optimal speed advisory information, C-ITS could reduce transport congestion and emissions, as well as provide valuable fuel consumption and emissions data.

To take full advantage of the potential benefits, government leadership and direction to support creation of a national framework for the rollout of essential enabling technology is necessary. This should be done in close consultation with the vehicle manufacturing industry and vulnerable road users,

particularly cyclists and pedestrians.

The Smart Energy Council welcomes the Draft Principles, particularly the focus on ensuring a nationally consistent approach that harmonises with international approaches, efforts to ensure that data is safe and secure, and efforts to consult closely with active transport users, industry and vehicle manufactures,

The Smart Energy Council would welcome the opportunity to work with Australian Governments as they move towards a nationally consistent C-ITS system.

Should you or your officials wish to discuss this further, please contact me on 0417 141 812 or at wayne@smartenergy.org.au

Yours Sincerely,

Wayne Smith

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Smart Energy Council