



*Association Européenne des Concessionnaires
d'Autoroutes et d'Ouvrages à Péage*

COOPERATIVE INTELLIGENT TRANSPORT SYSTEMS (C-ITS)

POSITION PAPER

ASECAP is the European Association of Operators of Toll Road Infrastructures, whose members' networks today span more than 50,266 km of motorways, bridges and tunnels across 22 countries.

ASECAP's purpose is to defend and develop the system of motorways and road infrastructure in Europe applying tolls as a means to ensure the financing of their construction, maintenance and operation.



Europe's toll roads are Europe's safest roads, the fatality rate significantly lower than on other road networks. High standards of maintenance and investment allowed Europe's toll roads to be a major contributor to the EU's Vision Zero road safety vision.

Roads play a key role in the 'road safety triangle' of: driver behavior, vehicle and infrastructure. Most accidents on motorways occur due to driver fatigue, driving under influence, excessive speed, not keeping safety distance, wrong way driving etc. Most of these aspects could be addressed through interoperable and inclusive vehicle connectivity. In the perspective of the transport de-carbonisation and of the upcoming automated vehicles, connectivity may also play a role in terms of system optimization.

The European Commission published its 'European Strategy on Cooperative Intelligent Transport Systems (C-ITS), a milestone towards cooperative, connected and automated mobility' COM (2016) 766. It outlines how the causes of accidents listed above could be addressed through C-ITS.

Road infrastructure has a key role to play in C-ITS, since it is the infrastructure manager (Traffic Management Centers) who provides significant safety instructions to the vehicles (closed lanes/tunnels / bridges, avoiding a secondary accidents, road working zones, speed limits, etc), manages efficiently the traffic flows (reduction of congestions, reduction of CO2 emissions, optimum adaptation of the speed limits, etc), decides which measures to take based on improved information available.

ASECAP welcomes the European Commission's strategy and is looking forward to the benefits cooperative intelligent transport will bring to Europe's transport and would like to highlight the following:

- **Interference free coexistence with electronic road charging:** ASECAP is not biased regarding communication technologies. The hybrid communication approach, as supported by the European Commission and the EU Member States in the 'Amsterdam Declaration', will eventually be the norm. At no moment should C-ITS cause radio interference to road charging or enforcement, and therefore any C-ITS technology has to bring proof of no radio interference to road charging or enforcement. Road charging is essential for achieving the EU's transport policy goals, such as implementing the 'user pays' and the 'polluter pays' principles.
- **Solid EU-wide security and data protection framework:** C-ITS has to offer trustworthy information and highest levels of privacy. This will require a firm legal framework assuring an EU-wide security framework assuring a single security level and a governance to assure this across the EU, including all C-ITS stations, wherever deployed. C-ITS has to comply with the General Data Protection Regulation assuring the privacy of users and therefore ASECAP supports a thorough data protection governance.
- **C-ITS deployment across brands, modes and borders:** C-ITS has undergone more than 10 years of intensive testing and continuous improvement involving road operators, OEMs, ITS industry etc.. ASECAP believes that the expected positive benefits of C-ITS and interoperability among the different players have to be ensured.

ASECAP welcomes that within the EU C-ROADS deployment project (funded by the European Commission). 150 Mio. EUR are earmarked for the harmonized implementation of C-ITS for European road operators until 2020.





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