



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

ASECAP Webinar on C-ITS Manifesto

C-ITS, a key enabler of Europe's future digital objective to fulfill EU safe and carbon-free mobility vision and targets

Tuesday, 25th of May 2021,
09.30 – 11.00 CET

AGENDA

1. Welcoming and Introductory remarks

- **09.30 – 09.35: Massimo SCHINTU, ASECAP President**
- **09.35 – 09.55: European Parliament**
 - István UJHELYI, Vice-Chair on the Committee on Transport and Tourism, S&D
 - Barbara THALER, Member of the Committee on Transport and Tourism, TRAN Vice-coordinator of EPP

2. Keynote Presentations

- **09.55 – 10.05: ASECAP C-ITS Manifesto**
 - Malika SEDDI, Secretary-General – CEO
- **10.10 – 10.30: European Commission**
 - Kristian HEDBERG, Head of Sustainable and Intelligent Transport Unit, DG MOVE, European Commission (TBC)
 - Peter STUCKMANN, Head of Future Connectivity Systems Unit, DG CONNECT, European Commission

3. Interactive Panel Discussion

- **10.30 – 10.50: C-ITS Manifesto: What is needed to foster its deployment?**
- **Moderator:** Emanuela STOCCHI, ASECAP Chair of Permanent Committee II on Road Safety & Sustainability
 - Jacqueline ERHART, ASECAP Chair of Chair of Permanent Committee III on ITS and Automated Driving
 - Bill HALKIAS, President of International Road Federation IRF
 - Joost VANTOMME, Smart Mobility Director, European Automobile Manufacturers' Association, ACEA
 - Martin BOHM, General Secretary of C-Roads

4. Wrap up and Conclusion 10.50 – 11.00

Welcome

Massimo SCHINTU
ASECAP President

European Parliament

István UJHELYI

Vice-Chair on the Committee on Transport and Tourism,
S&D, Member of the European Parliament

European Parliament

Barbara THALER

Member of the Committee on Transport and Tourism,
TRAN Vice-coordinator of EPP, Member of the European
Parliament



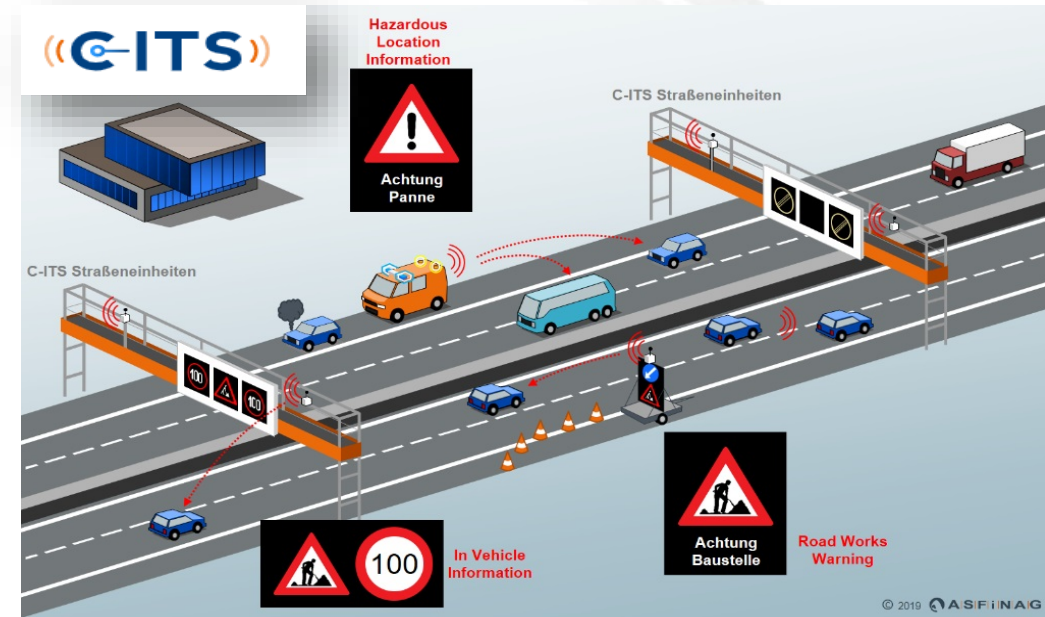
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ASECAP C-ITS Manifesto

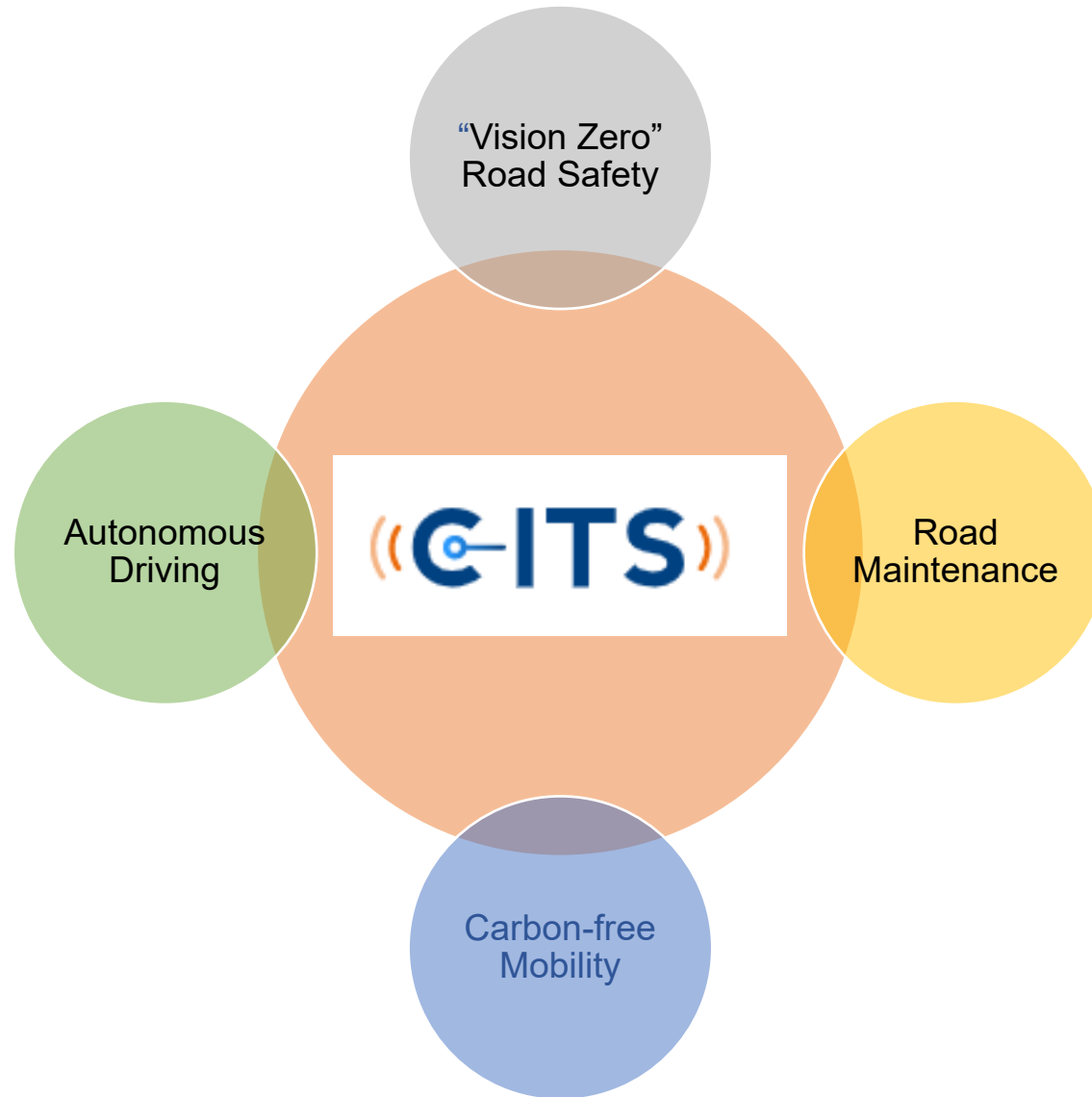
Malika SEDDI, Secretary-General – CEO

Cooperative Intelligent Transport System (C-ITS)

- C-ITS refers to the exchange of messages between vehicles, infrastructure and other road users.
- A central element of C-ITS is wireless short-range communication or vehicle-to-everything (V2X) communication.
- ITS-G5 is the only short-range technology currently ready for C-ITS deployment.
- ASECAP is technology neutral and believes that the “hybrid model” will probably be the basis for mass deployment.
- C-ITS serves a public goal – road safety, traffic management and sustainable transport.



C-ITS Potential Contributions



Vision Zero

C-ITS will make a major contribution to Europe's "Vision Zero" reducing Europe's road fatalities to near zero by 2050.

- C-ITS establishes the vital direct link between vehicles themselves, road infrastructure and other road users.
- C-ITS delivers warnings to road workers and vehicles
- C-ITS helps to prevent accidents and to reduce their severity.



Display in series production vehicles

Carbon-free Mobility

ASECAP is convinced of the de-carbonisation potential of C-ITS and of its positive impact on the reduction of external costs of road transport.

- C-ITS assists road operators in collaborative traffic management and congestion management to reduce CO₂ emission and external cost of roads.
- C-ITS enables energy-efficient driving (e.g. speed recommendations and green light optimal speed advice)
- C-ITS will foster decarbonisation achievements on the medium-term, via measures such as new propulsion of cleaner vehicles.

Autonomous Driving

C-ITS is of paramount importance for the deployment of autonomous driving.

- C-ITS provides an instant and low latency data exchange amongst infrastructure and vehicles, which is essential for autonomous driving.
- Connectivity is a prerequisite for higher levels of vehicle automation and the lead Europe has in this field is a chance for European industry

Compatibility with existing systems

- 3 systems on European motorways:
 - The European Electronic Tolling System on around 90,000 km of roads.
 - The Digital tachograph to protect motorists from tired or drowsy truck drivers.
 - The Weights & Dimensions Directive which enables the remote enforcement of vehicle weight control.
- C-ITS has to co-exist with these systems.
- Any technology that meets these requirements and is compatible with these systems can become part of C-ITS.

Patent litigation-free environment

- Concerns about patents covering 5G technologies:
 - Patent holders may refuse to license their technologies or impose abusively high royalties.
 - Patent litigations involving implementers and integrators due to a large amount of standard essential patents in specific technology.
 - Although roads are strategic infrastructure, a large volume of the standard essential patents is held by non-EU companies.

ASECAP believes that

- Road safety is a public good and decarbonisation is a key priority, hence should be delivered in the most cost-efficient manner.
- Communication technology for C-ITS should not hold any risk of patent litigation.
- Road operators have a special responsibility not to provide their services via highly patented technology.

Thank you for your attention!

European Commission

- Mr. Kristian HEDBERG, Head of Sustainable and Intelligent Transport Unit, DG MOVE, European Commission
- Mr. Peter STUCKMANN, Head of Future Connectivity Systems Unit, DG CONNECT, European Commission

European Commission

Kristian HEDBERG

Head of Sustainable and Intelligent Transport Unit,
DG MOVE, European Commission

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Peter STUCKMANN

Head of Future Connectivity Systems Unit, DG CONNECT,
European Commission

Interactive Panel Discussion

What is needed to foster its deployment?

Moderator:

Emanuela STOCCHI, ASECAP Chair of on Road Safety & Sustainability Committee

- ***Jacqueline ERHART***, ASECAP Chair of ITS and Automated Driving Committee
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