



ECOSYSTEM FOR FULLY OPERATIONAL C-ITS SERVICE DELIVERY

ITS Forum Webinar 2021



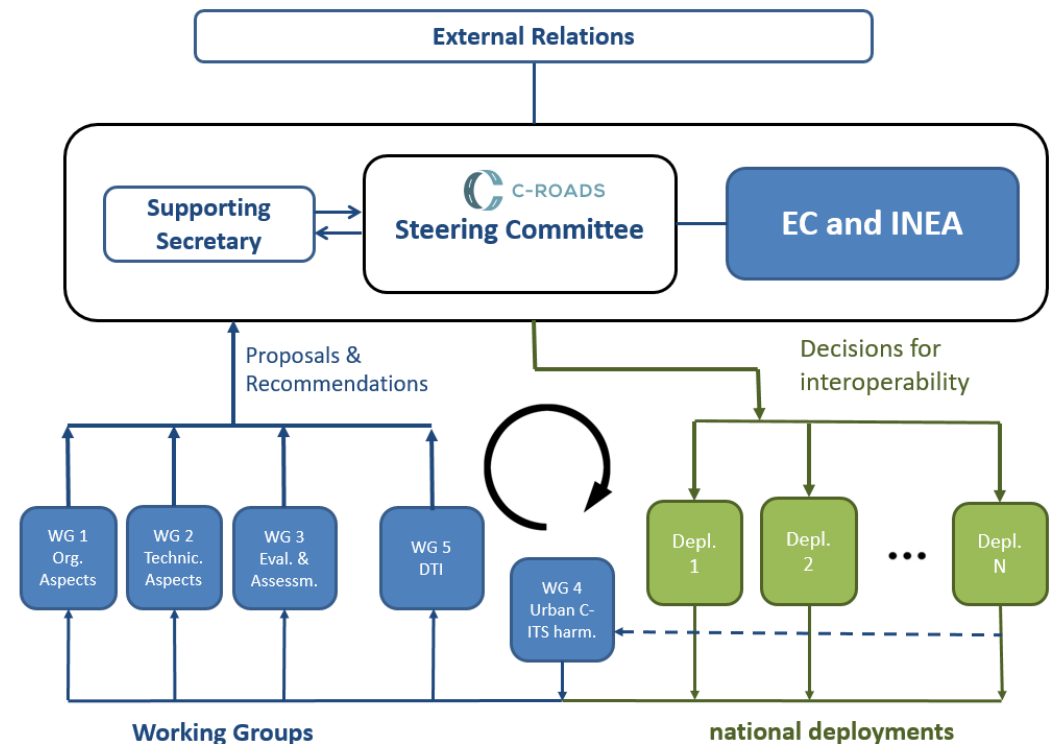
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www.c-roads.eu | [@cRoadsPlatform](https://twitter.com/cRoadsPlatform)

The aim of the C-Roads Platform

Starting in 2016 the aim was to

- link all C-ITS deployments across Europe
- develop, share and publish common **technical specifications** (including the common communication profiles) – available at www.c-roads.eu
- plan intensive **cross-testing** to verify interoperability
- develop system tests based on the common communication profiles by focusing on **hybrid communication mix**, which is a combination of ETSI ITS-G5 and operational cellular networks.



The aim of the C-Roads Platform

Today we can state:

- Ⓒ First C-ITS services are up and running
- Ⓒ We are exchanging data between road operators and vehicles based on a close collaboration with the car industry (Car-2-Car Communication Consortium)
- Ⓒ The ground for making Cooperative, Connected and Automated Driving reality is paved

But a different governance structure is needed for continuous C-ITS operations...

Tasks to be considered by a collaborative C-ITS governance

- Ⓒ The governance needs to enable collaboration of different stakeholders
 - Ⓒ Authorities
 - Ⓒ C-ITS station operators - infrastructure
 - Ⓒ C-ITS station operators - OEMs
 - Ⓒ C-ITS station operators - Service providers
 - Ⓒ PKI operators
 - Ⓒ End users

Tasks to be considered by a collaborative C-ITS governance

- Ⓒ Organisational elements
 - Ⓒ supervision of the overall C-ITS service performance and the further development (e.g. security system in place, services active and supported)
- Ⓒ Technical elements
 - Ⓒ Change management (e.g. upgrading existing services, roll-out PKI certificates)
 - Ⓒ Information management (e.g. consistency of service chain)
 - Ⓒ Security management
- Ⓒ Stakeholder management
 - Ⓒ Stakeholder and end-user support

Possible governance structures

- Ⓒ Setup of a European Body
 - Ⓒ Setup of an industry driven platform
 - Ⓒ Setup of a public-private-partnership
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- ➔ Discussions on the way forward will start in 2022
 - ➔ Then we will have clearance on the collaborative way forward for cooperative ITS



THANK YOU!

Martin Boehm
Secretary General of the C-Roads Platform
martin.boehm@austriatech.at



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