



C-ITS – THE EUROPEAN INFRASTRUCTURE IS PREPARED TO SUPPORT CONNECTED VEHICLES

SIP-adus Workshop 2021

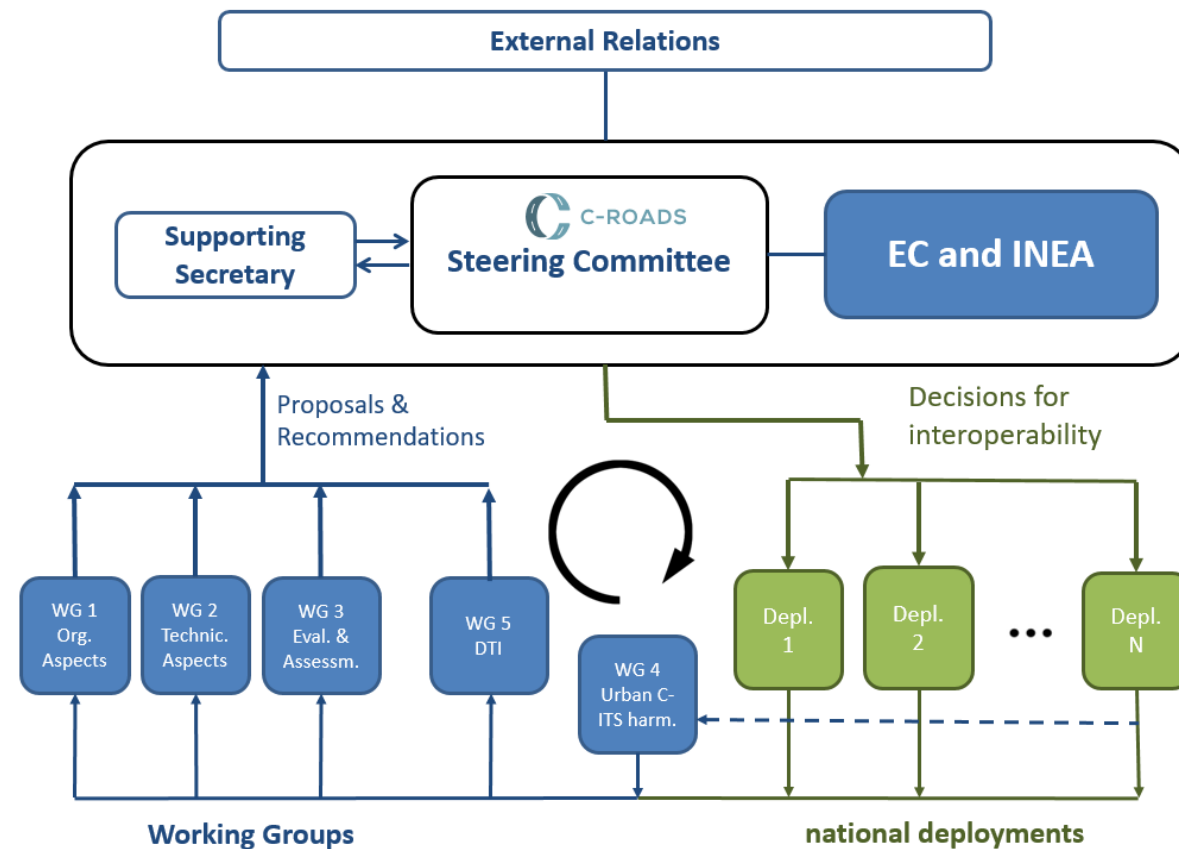


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The aim of the C-Roads Platform

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.





2016: Eight founding Member States

2017: Enlargement to 16 States

2019: Further enlargement to 18 States

Associated Countries

- Croatia
- Israel
- New Zealand
- Queensland/Australia
- Russia
- Switzerland
- Turkey





> 50 European cities

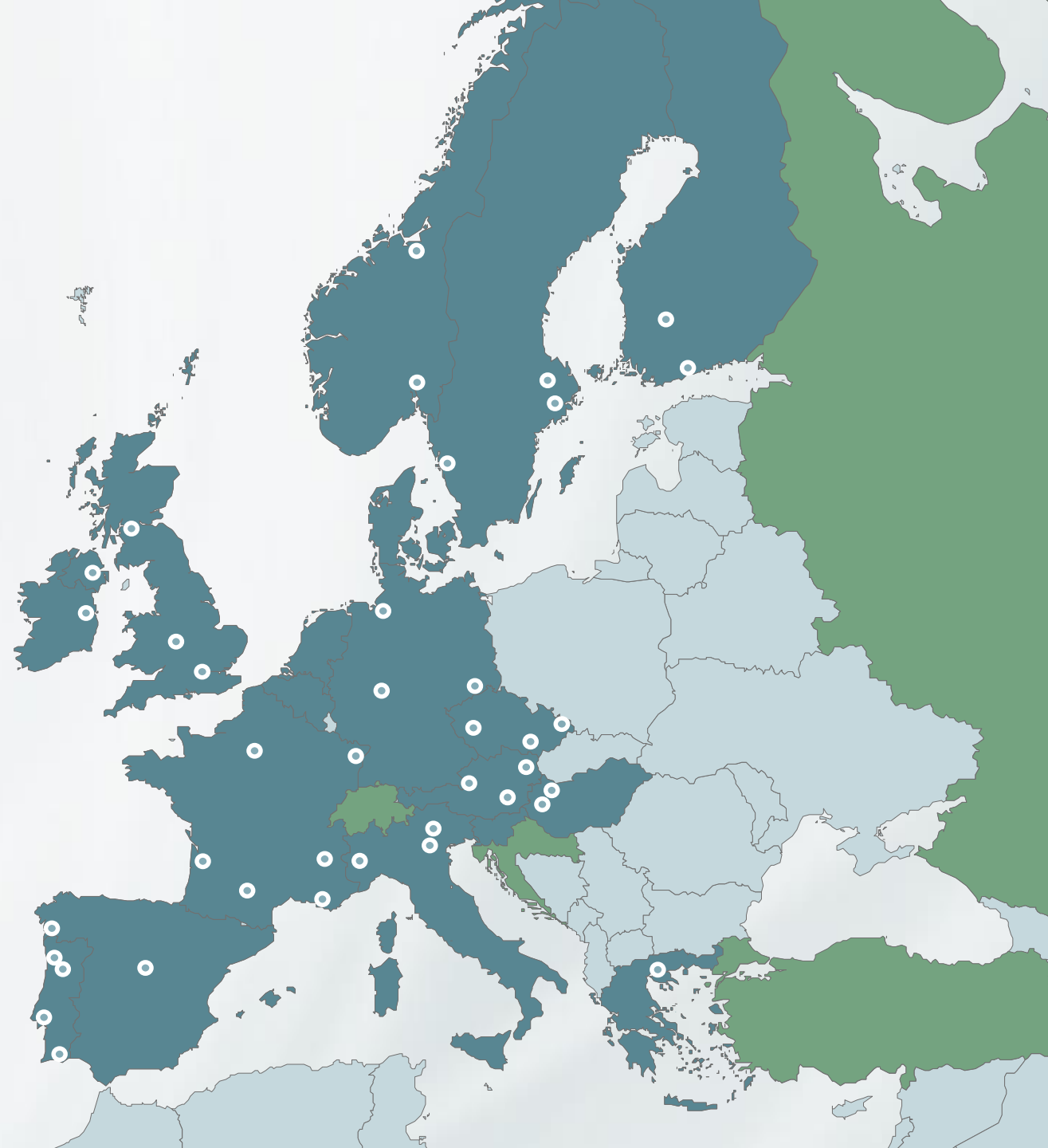
Starting with C-ITS deployment in urban areas

Short range C-ITS

20,000 km of European road sections are equipped with C-ITS equipment

Long range C-ITS

100,000 km of European roads in total are covered by C-ITS services



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Cooperation is key for success

Based on a strong cooperation between

- Ⓒ single Transport Ministries in Europe and around the globe
- Ⓒ The Car-2-Car Communication Consortium and C-Roads

We can state today that in Europe

- Ⓒ First C-ITS services are up and running
- Ⓒ We are exchanging data between road operators and vehicles
- Ⓒ The ground for making Cooperative, Connected and Automated Driving reality is paved



THANK YOU!

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