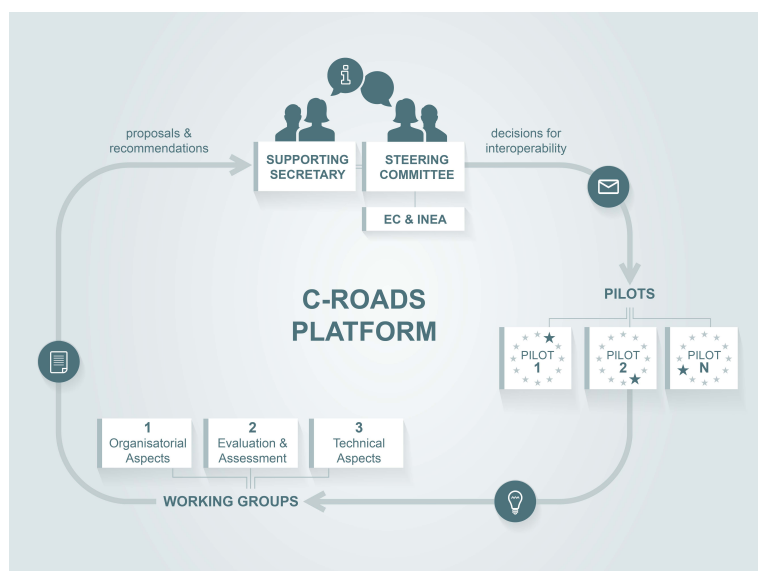# C-ROADS

C-ROADS - THE PLATFORM OF HARMONISED C-ITS DEPLOYMENTS IN EUROPE

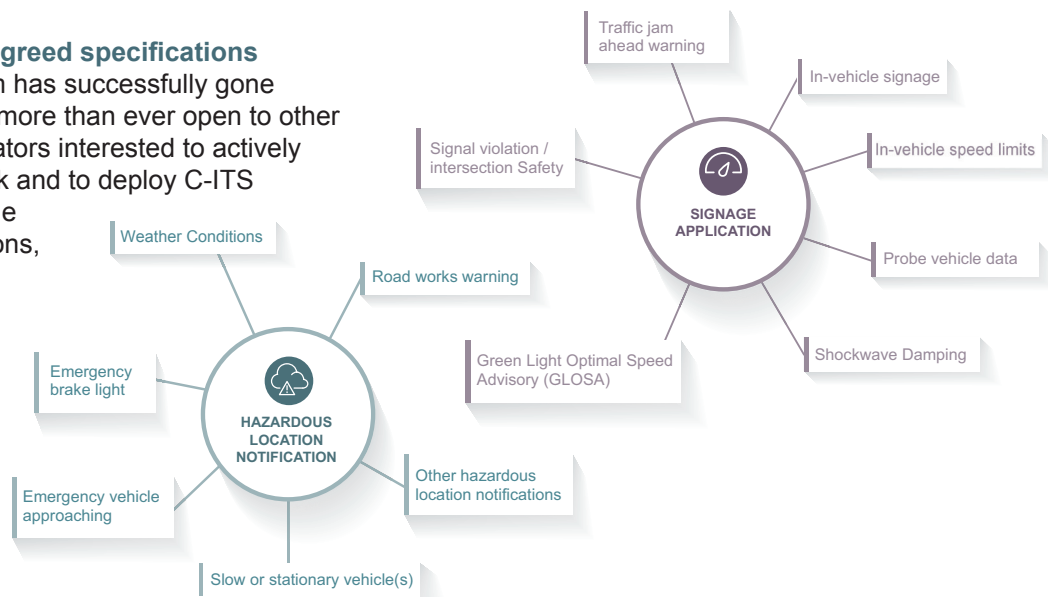## Member States converge on C-ITS deployment

The C-Roads Platform is a joint initiative of European Member States and road operators which are in the phase of installing C-ITS for the testing and operation of "C-ITS Day-1 services"[1]. Pilot installations will be harmonised, in light of cross-border interoperability based on cooperation within the C-Roads Platform. Key elements are the joint development of technical specifications which are to provide the basis for all pilot deployments, as well as commonly prepared cross-site tests to demonstrate cross-border interoperability of the deployed C-ITS services.

[1] Day-1 services, defined by the C-ITS Platform, are expected to be available in the short term because of their expected societal benefits and the maturity of technology.

Development of commonly agreed specifications

Now that the C-Roads Platform has successfully gone beyond its starting phase, it is more than ever open to other Member States and road operators interested to actively participate in the technical work and to deploy C-ITS services. In accordance with the C-ITS Platform recommendations, harmonised specifications are being developed and the first harmonised communication profile for C-ITS services is already finalised.

All developed specifications will be publicly available and form the basis for pilot installations on the road network.

European Commission and INEA

The European Commission (EC) and the Innovation and Networks Executive Agency (INEA) are closely linked to the C-Roads Platform and supporting the initiative from the very beginning. They will follow and actively participate to the C-Roads Platform providing the legislative framework and ensuring the link to other C-ITS relevant stakeholder groups. They additionally contribute with the policy support needed for a pan-European and harmonised deployment of C-ITS.
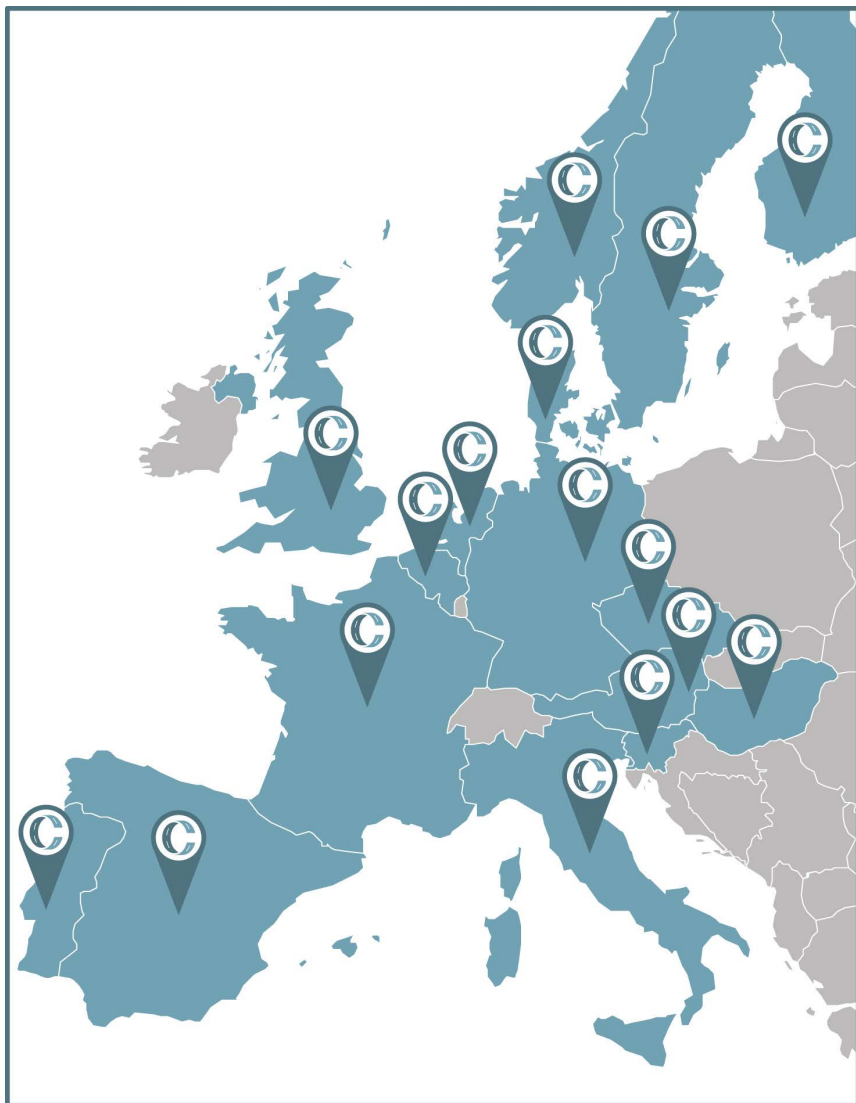
Full commitment to hybrid communication

In accordance to the European strategy on Cooperative Intelligent Transport Systems (COM(2016) 766) the C-Roads Platform supports the use of hybrid communication technologies. The starting point for pilot deployments will be the combination of ETSI ITS-G5 and existing cellular networks.

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C-ROADS

EUROPEAN PILOTS FOR INTEROPERABLE C-ITS SERVICES

RELEASE 1 OF HARMONISED COMMUNICATION PROFILE NOW AVAILABLE!

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Setup and operation of pilots is in the responsibility of the single C-Roads Platform Member States. Each piloting Member State will perform tests based on the common communication profiles agreed at C-Roads Platform level.

Additionally they will give access to all other deployment activities for interoperability testing. Consequently, the Working Group for Evaluation and Assessment details the main principles for these tests, in particular considering the support provided by the "visited site" to the "visitor".

Achieving interoperability based on the commonly specified communication profile is a joint responsibility of all C-Roads Platform partners. The pilot operation will take place in all C-Roads Platform Member States.

With 16 Member States currently participating as core members, the C-Roads Platform approach will pursue cooperation on a holistic level in order to cover all dimensions linked with the deployment of C-ITS, such as sharing experiences and knowledge regarding deployment and implementation issues as well as user acceptance. It as well follows a bottom-up approach that will include national pilots. These will form basic elements for a later pan-European C-ITS implementation. The national pilot initiatives will move on to cross-site testing, which will allow them to grow together and achieve transnational interoperability. In this way C-Roads will ensure European cohesion of C-ITS deployment in the European Union with regards to a long-term roll-out.

Harmonisation is the core asset of the C-Roads Platform, since it ensures sustainable and efficient deployment. Consequently, all partners share the vision of the main objectives, laid down in the Terms of Reference, which are - beside harmonisation - (pilot) implementation, demonstrations of C-ITS deployment and advance to large-scale deployment.

For detailed information and access to the harmonised communication profile visit **www.c-roads.eu**

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