



C-ITS policy actions

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21 March 2019
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SOME OF THE KEY ACTIONS PROPOSED BY THE COMMISSION SINCE MAY 2017





EU strategy on automated mobility

Adoption: 17 May 2018 (3rd Mobility Package)

Goal: to provide a **common EU vision and agenda** on connected and automated mobility

Three main axes:

1. Providing a set of actions to ensure that key technologies and infrastructures are developed in the EU
2. Ensuring safe automated mobility and future-proof legal framework
3. Addressing societal concerns, in particular jobs and ethical issues



Single platform for CCAM

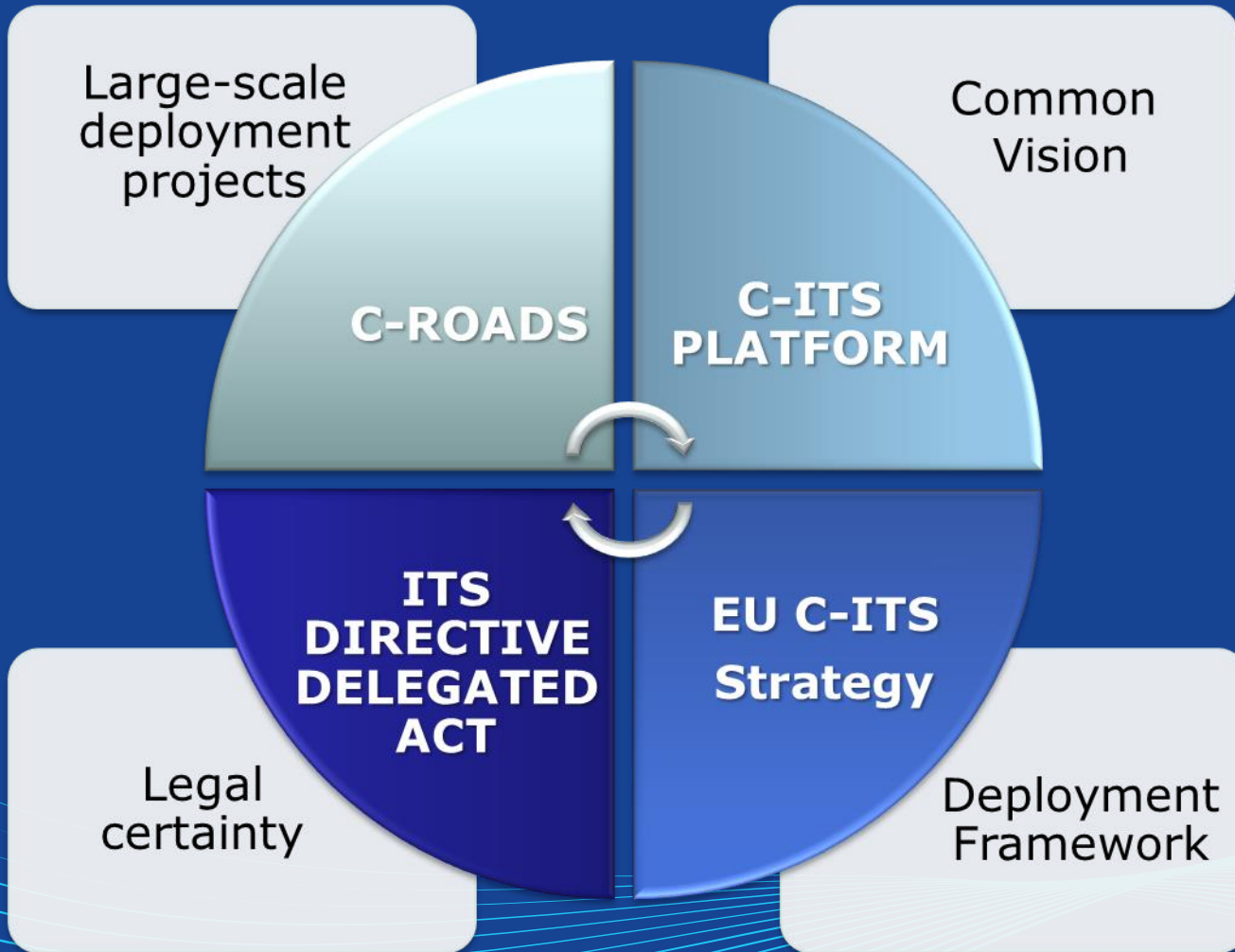
Call published on the DG MOVE website:

https://ec.europa.eu/transport/modes/road/news/2019-02-26-call-applications-single-platform_en

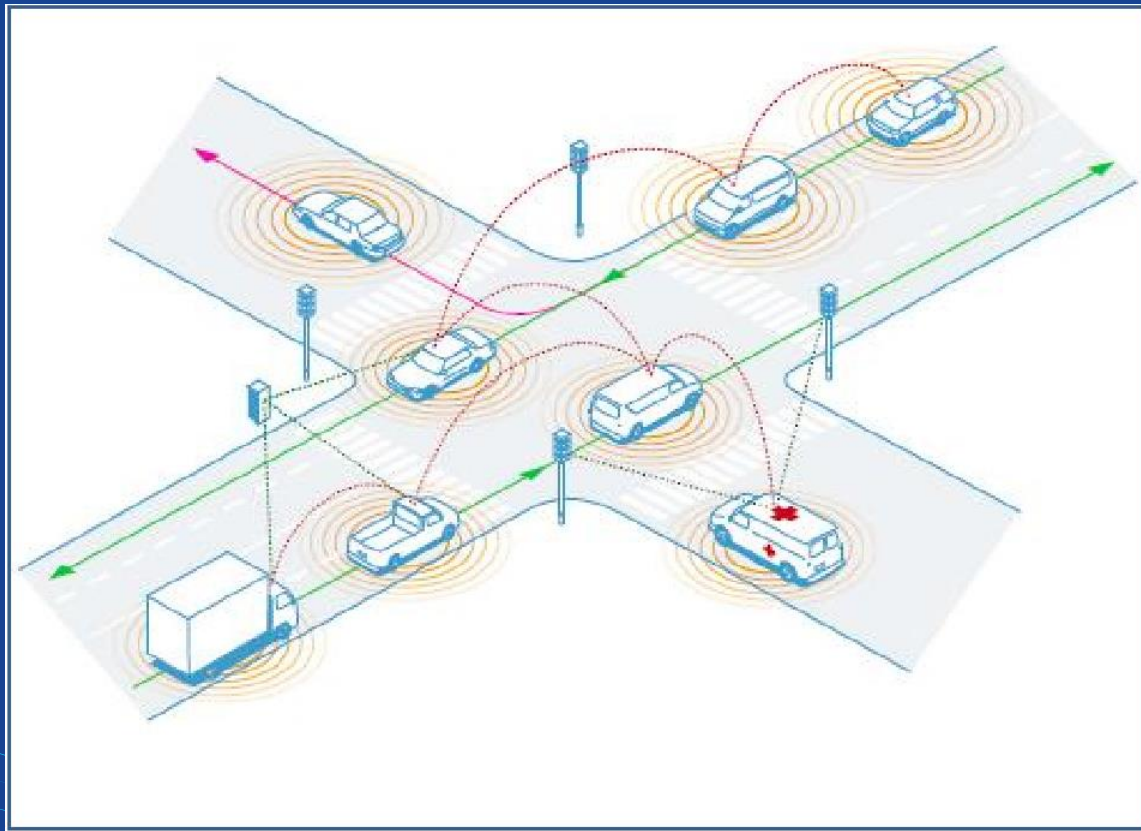
Up to 100 members: public and private (sectors described in the call),
appointed for 3 years

Deadline for first round of call: 10 April 2019

Information: : EU-CCAM-Single-Platform@ec.europa.eu

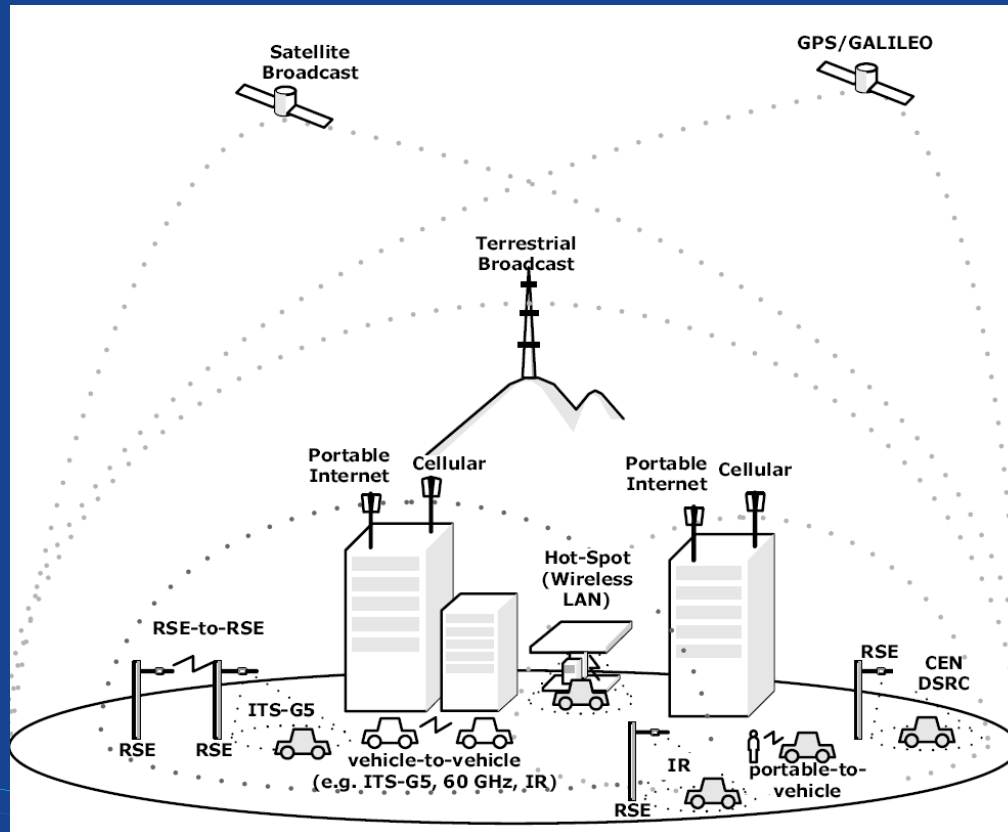


C-ITS covers many forms of communication...



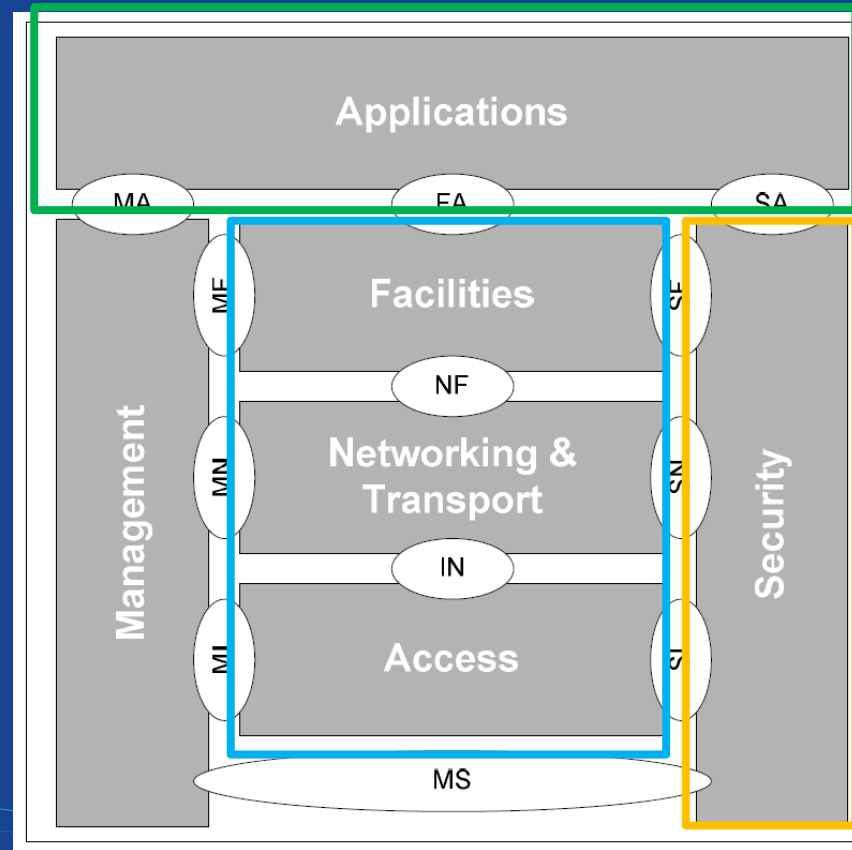
Source: C-ITS Platform final report phase I

...Using different technologies working together...



Source: ETSI EN 302 665 v1.1.1

...In an interoperable system



Source: ETSI EN 302 665 v1.1.1



Delegated Regulation on C-ITS

Adopted by the Commission on 13 March 2019:

[https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1552572526215&uri=PI_COM:C\(2019\)1789](https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1552572526215&uri=PI_COM:C(2019)1789)

Currently under review by European Parliament and the Council

If no objection is raised, the Delegated Regulation shall be published in the OJ and enter into force

Elements of the Delegated Act

C-ITS services

- Definition of a set of priority C-ITS services that are mature and contribute to road safety and traffic efficiency.
- Detailed specifications to make sure priority services are deployed in a common way.
- Ensuring that all (future) C-ITS services do not interfere with priority services.

Elements of the Delegated Act

C-ITS stations

- General requirements for all C-ITS stations + additional detailed specifications (profiles) for vehicle and road-side stations using short-range communication => ensuring interoperability between C-ITS stations.
- Profiles based on harmonization work of industry and Member States. Hybrid communication approach based on mature technologies, with new technologies to be integrated through revision process.
- Requirement for all stations to both send and receive to ensure cooperative nature of the system.



Elements of the Delegated Act

Compliance assessment

- Manufacturers in charge to check compliance with the requirements of C-ITS stations they place on the market.
- MS market surveillance authorities to check if C-ITS stations do not pose undue risks.
- (procedure in line with common framework for the marketing of products)



Elements of the Delegated Act

Operating a C-ITS station

- All (types of) C-ITS Stations shall be enrolled in the European Union C-ITS Security Credential Management System (CCMS), to ensure a common trusted system.
- The CCMS, which was developed over years through cooperation between MS, industry and the Commission, is defined by detailed provisions in the delegated act.
- The Commission will fulfil certain central roles in the CCMS to ensure its functioning, until a more permanent governance structure is put in place.

Elements of the Delegated Act

Implementation of the C-ITS network

- The implementation of the C-ITS network requires a variety of tasks to be carried out in cooperation between C-ITS stakeholders.
- To support this an expert group including MS and industry stakeholders will be established.
- This is foreseen as a transitional mechanism until a comprehensive governance framework is set up.

Review

- Open system: The DA foresees review & revision of the DA, to integrate new services and technological solutions into the interoperable C-ITS system once they become mature.