

CEN/TC 278 PT1605

C-ITS / connected vehicle deployment

Webinar session 8.a

EC's funding mechanism - C-ITS and Urban ITS mandates

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The European Commission's mandates are tools to fund development of standards at CEN, CENELEC and ETSI.

Related to ITS standards, so far two mandates were published and are in use:

- M/453 on C-ITS, published on 6th October 2009
answered by CEN/TC 278 and ETSI/TC ITS
- M/456 on urban ITS, published on 12th February 2016
answered by CEN/TC 278

For the funded development of standards

- CEN is using Project Teams (PT)
- ETSI is using Specialist Task Forces (STF)

- M/453, published on 6th October 2009 (11 years ago)
STANDARDISATION MANDATE ADDRESSED TO CEN, CENELEC AND ETSI
IN THE FIELD OF INFORMATION AND COMMUNICATION TECHNOLOGIES
TO SUPPORT THE INTEROPERABILITY OF CO-OPERATIVE SYSTEMS
FOR INTELLIGENT TRANSPORT IN THE EUROPEAN COMMUNITY
 - ✓ ETSI developed a number of base standards in support of C-ITS day-1 applications, and TTCN-3 test suites for base standards from CEN/ISO and ETSI
 - ✓ CEN developed a number of base standards of general applicability (day-1 and future applications, including supporting features) (<https://www.itsstandards.eu/cits>)
 - **PT1605 is the fifth PT under M/453, still active; working on hybrid communications, cyber security for sessions, and on facilities (access to sensor and control networks, position-time-velocity service)**

- M/546, published on 12th February 2016
COMMISSION IMPLEMENTING DECISION C(2016)808 of 12.2.2016 on a standardisation request to the European standardisation organisations as regards Intelligent Transport Systems (ITS) in urban areas in support of Directive 2010/40/EU of the European Parliament and of the Council of 7 July 2010 on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport
 - ✓ CEN develops a large number of standards on various topics of urban / inter-urban ITS and general mobility integration issues (<https://www.itsstandards.eu/urban-its>)
 - Air quality management / controlled zone management
 - Traffic management (various issues)
 - Mixed vendor environments
 - Location referencing harmonization
 - Models and definitions of new modes
 - **PT1712:European ITS communications and information protocols**

PT1605 started work in April 2019. The end is scheduled for June 2021. Standard development is already finished, and all deliverables are presented for final ballot.

➤ Technical Specifications

1. CEN/ISO TS 21177 "Secure sessions" (already published)
2. CEN/ISO TS 21176 "Position, velocity, time facility"
3. CEN/ISO TS 21184 "Global transport data management (GTDM) framework"
4. CEN/TS 17496 "Communication profiles"

➤ Technical Reports providing guidelines on the usage of C-ITS standards

1. CEN/ISO TR 21186-1 "Global standardisation landscape"
2. CEN/ISO TR 21186-2 "Hybrid communications"
3. CEN/ISO TR 21186-3 "Cyber security"

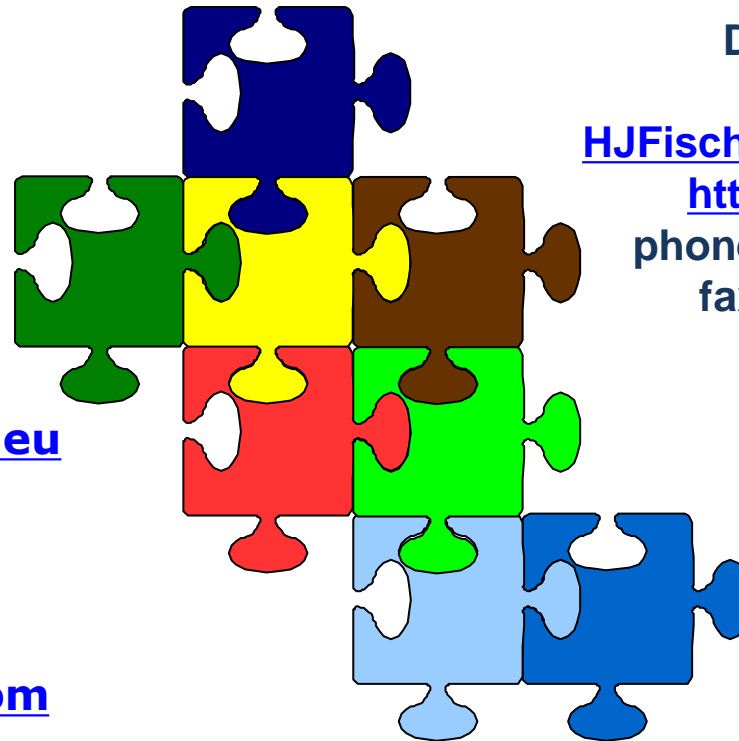
PT1605 (<http://its-standards.eu/PTs/PT1605/index.html>) is preparing a sequence of webinars. Please contact webinar@its-standards.eu.

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