



C-ITS Corridor and Pilot Initiatives – Summary and Perspectives

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Growing network of deployment and pilot initiatives

Coherent basis for deployment

- Shared view on Day 1 services
- Broader wave of C-ITS pilots and deployments in the next 3-4 years
- Smart mix of hybrid communication (ITS G5, Cellular...)

Spreading of C-ITS deployment

- Starting with motorways but also involving urban environments
- Starting with personal transport but also involving freight & logistics

Networking of deployment experts via Amsterdam Group to promote interoperability

Perspective on C-ITS deployment

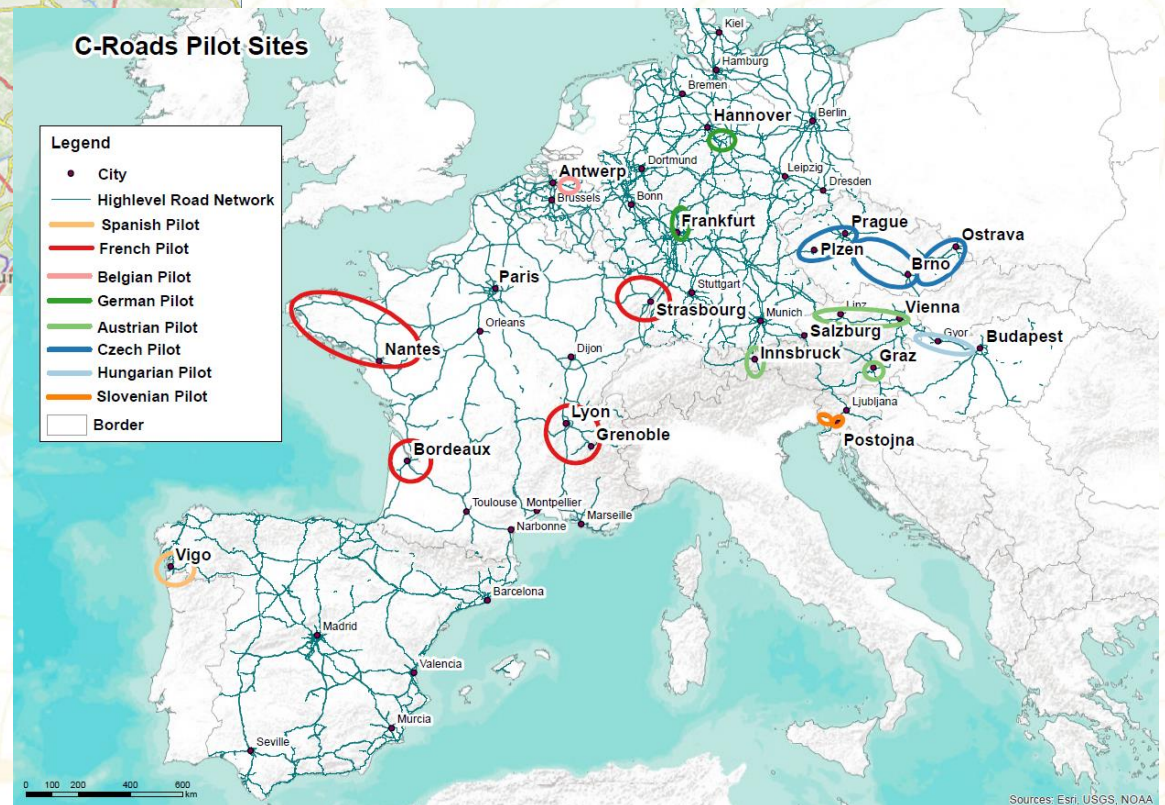
Focus on added value of the Amsterdam Group

- Policy framework by EC plus Member States (Preparation of Delegated Act) supported by C-ITS Platform
- Deployment initiatives by the members
- Amsterdam Group for sharing knowledge and lessons learned for facilitating C-ITS deployment – strategic alignment and sharing of technical expertise
- Leverage resources (mostly) via H2020 and CEF

Way forward

- Cross testing – growing demand, interest and facilities
- Careful preparation of regular operation phase
- Roadmap beyond day one – Link to Automated Driving

Perspective on C-ITS deployment



Larger set of pilots potentially supported through CEF co-financing

Note: Maps show pilots linked to INTERCOR and C-Roads proposals (submitted 02/2016)

Amsterdam Group Website – Corridor section



- www.amsterdamgroup.eu
- info@amsterdamgroup.eu

HOME > CORRIDOR INITIATIVES

Corridor initiatives

The roll out of Cooperative ITS is underway, on several locations and corridors in Europe C-ITS is being implemented. An important goal of the Amsterdam Group is to facilitate cooperation between corridors to enable harmonized deployment of C-ITS services. On this page, a selection of current initiatives can be found.

C-ITS corridor: Rotterdam – Frankfurt/M. – Vienna

German, Dutch and Austrian road operators started the gradual introduction of cooperative systems in Europe.

Project website Germany: <http://www.c-its-korridor.de/?menuld=1&sp=en>

Project website Austria: <http://eco-at.info/>

Project website The Netherlands: <https://itscorridor.mett.nl/default.aspx>

SCOOP@F

Test deployment project of cooperative intelligent transport systems in France.

http://www.developpement-durable.gouv.fr/IMG/pdf/49b_DGITM_scoop_GB_2p_def_web.pdf

NordicWay

NordicWay is a pilot project that seeks to enable vehicles to communicate safety hazards through cellular networks on a road corridor through Finland, Norway, Sweden and Denmark.

www.nordicway.net

Other initiatives

Additional ongoing initiatives were discussed in the Amsterdam Group session during ITS



Solving open issues for initial deployment

Network
of
technical
experts
from the
corridors

- **Security**
- **System specification profiling**
- **Consistency of legal framework**
- **Radio spectrum and frequency**
- **Deployment, roll-out day one**
- **Roadmap beyond day one**
- **Conformance assessment**
- **Hybrid communication concept**
- **Backend services**
- **Use cases and applications (RWW, IVI, SPAT/MAP, PVD)**

- AG has identified this set of open issues
- Leading entity has been identified
- AG takes lead only when needed
- AG contributes via its members to solve the open issues

Amsterdam Group Website – White Papers



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white papers

The Amsterdam Group White Papers for three C-ITS services are available for download below (publication date: April 2016).

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[Road Works Warning \(RWW\)](#)

- [Functional Description](#)
- [Message Set and Triggering Conditions](#)

Please note: Version 3.0 of the document Message Set & Triggering Conditions (including the long-term road works) is in preparation.

[In-Vehicle Information \(IVI\)](#)

[Signal Phase and Time \(SPaT\) and Map Data \(MAP\)](#)

Glasgow Special Interest Session Amsterdam Group

- SIS03 Gearing up for C-ITS deployment
- Tuesday 7 June 2016 - 11:00 - 12:30
- Representatives Amsterdam Group, European Commission, ITS corridors
- Presentations, corridor pitches and panel discussions

