

# SIS36

## C-ITS deployment: the story unfolds



Organised by:



Hosted by:



Supported by:



# Amsterdam Group



- Strategic Alliance of key actors for C-ITS deployment on European roads
- Involves infrastructure organisations and the automotive industry
- Focus on services with infrastructure involvement (I2V/V2I)



- 2011 formed
- 2012 Letter of Intent (recommendation to members to get involved in C-ITS deployment)
- 2013 Roadmap for initial deployment (guiding star for C-ITS deployment)
- 2014+ Expert network of various deployment and pilot initiatives
- 2015+ Supporting C-ITS Platform (via umbrella organisations)
- 2016+ Close relation to C-Roads Platform and Pilots

# Congress Sessions & Open Workshops



In cooperation with CODECS

Open workshops

2013 Brussels

2015  
Roskilde

2016 Amsterdam

2017 Amsterdam

ITS Europe / World  
Congress sessions

2013  
Dublin

2014 Helsinki

2015 Bordeaux

2016 Glasgow

2017  
Strasbourg

Documentation

[www.amsterdamgroup.eu](http://www.amsterdamgroup.eu)  
[www.codecs-project.eu](http://www.codecs-project.eu)

**Public Workshop "C-ITS Deployment is Underway!"**  
Jointly organised by the Amsterdam Group and CODECS  
15 September 2013  
Roskilde, Denmark

CODECS has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 653339.

**Executive Summary**  
The full-day workshop "C-ITS Deployment is Underway!" was jointly organised by the Amsterdam Group and the CODECS project, both committed to network all relevant stakeholders for facilitating joint deployment of cooperative ITS in Europe. Corridor projects and pilots are currently arising all over Europe and from the first examples of real C-ITS deployment. The workshop gave these activities and further deployment related activities a platform to present their status, to declare first practical experiences and to address open issues for an aligned C-ITS implementation on vehicle and infrastructure side.

For the Amsterdam Group, the strategic alliance of CEDR, ASECAP, POLIS and the CAR 2 CAR Communication Consortium, that has been the second public workshop where it presented and interestedly discussed its work on harmonising the C-ITS roll-out across Europe. CODECS is a Coordination and Support Action in the Horizon 2020 Research and Innovation Framework of the European Commission which took up its operation in May 2015. CODECS stands for Cooperative ITS Deployment Coordination Support, and the project aims at coordinating initial deployment activities, engaging deployment road map, giving strategy coordination support and raising the awareness for the idea of co-operative road traffic.

**Amsterdam Group present at ITS World Congress in Bordeaux**

The Amsterdam Group was present at the ITS World Congress in Bordeaux, 5-9 October 2015. Together with the European Commission and Corridor projects we held a "project dissemination session". The session attracted a large number of people to the project dissemination room, which acknowledges the important role the Amsterdam Group plays in C-ITS deployment.

Amsterdam Group chairman Torsten Geißler moderated the session and introduced the Amsterdam Group. He highlighted the interaction between the Amsterdam Group and corridor deployments, with the road map as a guiding star. The road map comprises a number of main issues, amongst others: security, consistency of legal framework and hybrid communication concept. The Amsterdam Group contributes to solve the open issues via its members.

Clara Cooper (European Commission DG MOVE) followed with the EC view on C-ITS deployment, stressing the need for coordination to ensure interoperability and coherent deployment. There is a tight time window for European players to remain competitive because other regions of the world are moving fast. Key items are Cross testing and Common evaluation methodologies. The EC-CITS platform has an important role in the harmonized deployment.

Then the various corridor projects presented themselves:

- Marko Jandrić (ASF/NOI) described the status of the C-ITS corridor from Rotterdam through Frankfurt to Vienna. The corridor is providing a basis for standardized, international, future-oriented cooperative ITS services. The focus is on Road Works Warning at the moment. Regularly, workshops are being organized to share ideas with the market.
- Eric Ollinger (French Ministry - MEDDE) explained that Roll-out is underway in France through the SCODIR project. A first wave is taking place in 2014-2015 (ITS-G5 communication only) with a second wave running 2016-2018 (hybrid, cellular+ITS-G5). Road operators, local authorities and car manufacturers are involved, and there are five pilot sites. Linking to other corridors is one of the goals.
- Risto Kuitinen (Finnish Transport Agency) presented the Cellular C-ITS pilot ModeWay of the four Nordic countries. Cellular is chosen over ITS-G5 because of the existing infrastructure, and the long road network with low traffic volumes. Deployment should be ready in 2018 including services like hazardous location warning and in-vehicle signage.
- Graham Hanson (UK Department for Transport) highlighted that connected corridors are a cornerstone of the UK road strategy. Feasibility studies are being conducted to support

**Deliverable 2.1  
Workshop Documentation –  
Deployment Status**

**Deliverable number:** D2.1  
**Related to work package:** WP 2 Coordination of initial deployment activities  
**Related to task:** T2.1 Information sharing on C-ITS deployment activities

**Due Date:** Month 12 (April 2016)

**Submission Date:** 01/07/2016  
**Lead beneficiary of WP:** BASit

**Version number:** 1.0

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# Deployment pattern – Tour d'Europe

- Pilot regions
- Connecting regions via corridors
- Connecting corridors to form a network
- All TEN-T corridors are involved by 2016

## Presenters and panelists:

- Pedro Barradas
- Martin Böhm
- Ilkka Kotilainen
- Sandro Berndt
- Vincent Blervaque
- Eric Ollinger
- Karl-Oskar Proskawetz

