

SIS36

C-ITS deployment: the story unfolds

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Content

- **The Automotive Vision on C-ITS**
- **About CODECS**

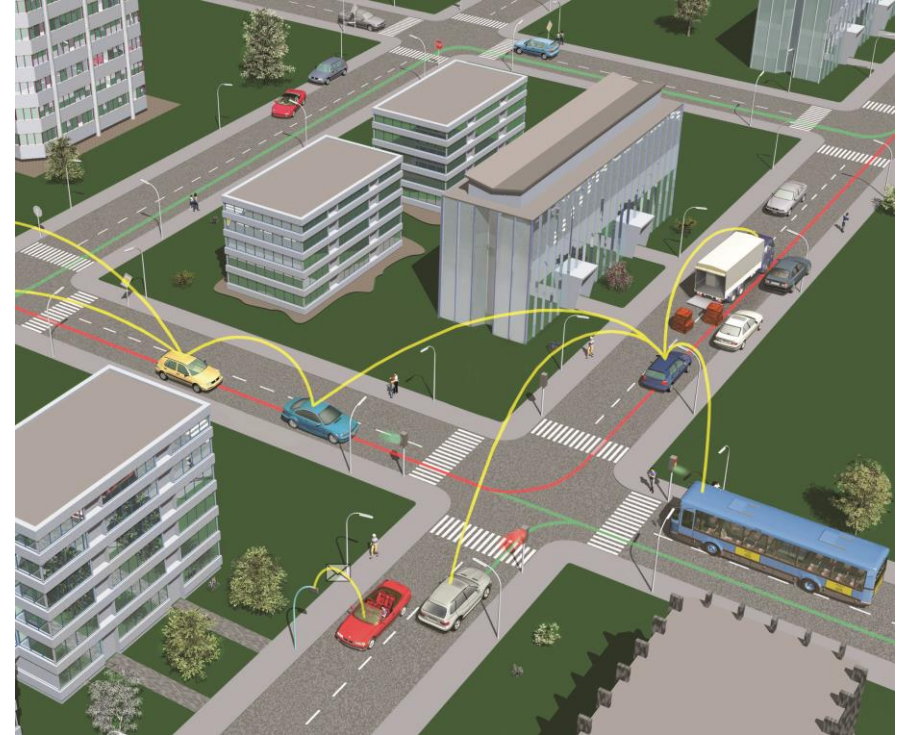


Motivation for C-ITS

- Traffic density and complexity steadily increased
- Most road accidents (> 86%) are caused by human drivers
- Individual driving situation and local traffic scenario need to be understood correctly for supporting the driver, e.g. by advanced driver assistance systems
- Information shared locally between vehicles and with road infrastructure builds the basis for tactical support and foresighted driving resulting in improvements of road safety and transport efficiency

C-ITS Vision

- Pave the way towards accident free and efficient road traffic
- Support drivers and automation in all traffic situations all over Europe
- Share locally information between traffic participants and road infrastructure



Cooperation on C-ITS

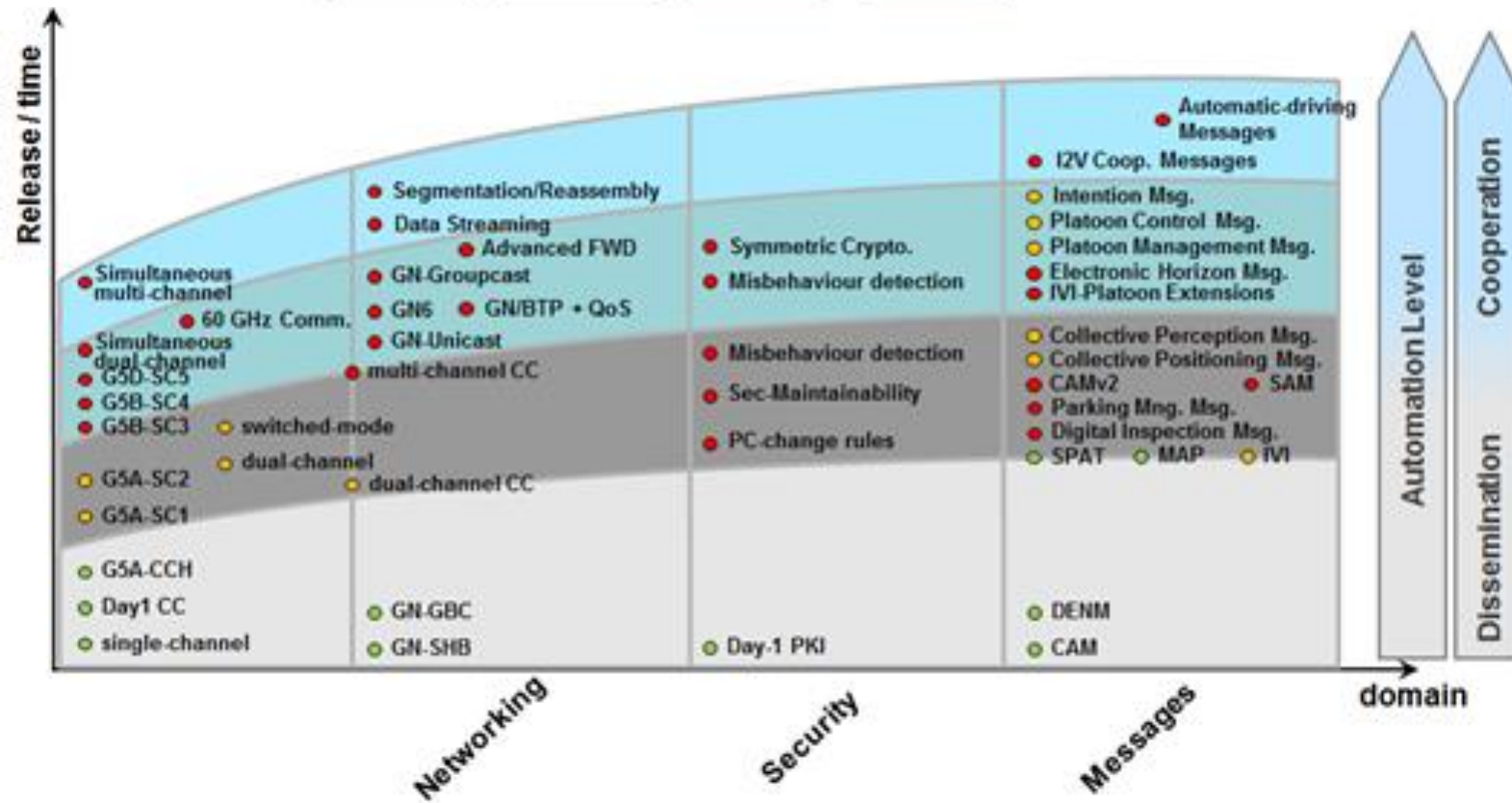
- The “C” of C-ITS makes the difference requiring cooperation within the automotive industry (OEMs, suppliers, R&D) all over brands, involving also other stakeholders in Europe and further regions

- Amsterdam Group

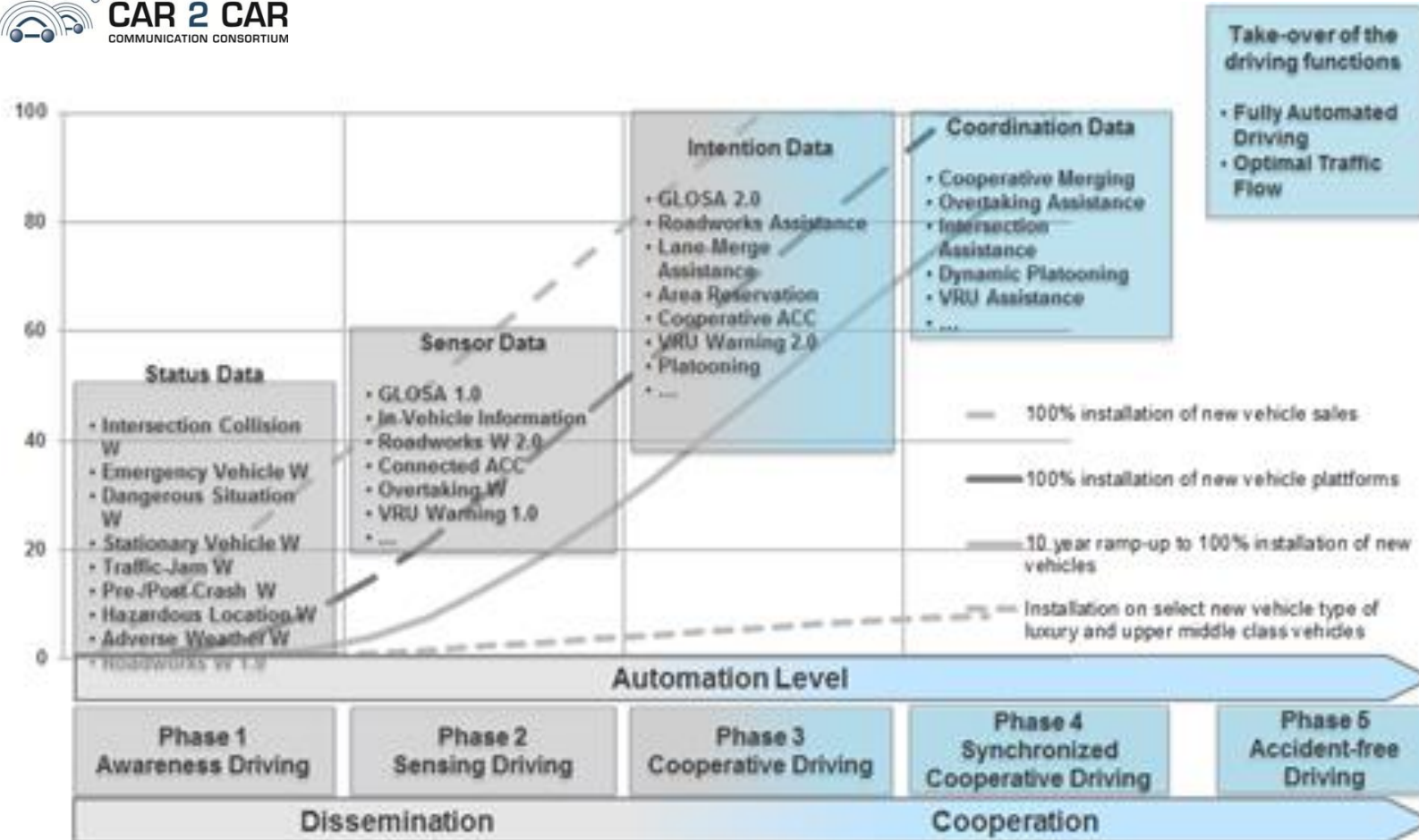


- C-ITS Deployment Platform and European Commission developing a common vision, setting the deployment framework, providing legal certainty and initiating C-ITS pre-deployment on road network

Technical Roadmap



Functional Roadmap





C-ITS Deployment

- Starting deployment of C-ITS based on ETSI ITS G5 in 2019 was committed and announced by the CAR 2 CAR Communication Consortium in 2015
- The European Strategy on Cooperative Intelligent Transport Systems (C-ITS) published by the European Commission is strongly supported by the C2C-CC.
- First European vehicle manufacturers announced the serial implementation of CAR-2-X technology based on ETSI ITS G5 in mass-market vehicles starting in 2019



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CODECS at a glance

- **Title:** COoperative ITS DEployment COordination Support
- **Acronym:** CODECS
- **Number:** 653339
- **Call:** H2020-MG-2014_SingleStageB
- **Topic:** MG-7.2b-2014
Towards seamless mobility addressing fragmentation in ITS deployment in Europe
- **Type:** Coordination & Support Action
- **Duration:** 1 May 2015 – 30 April 2018 (36 month)

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



Objectives

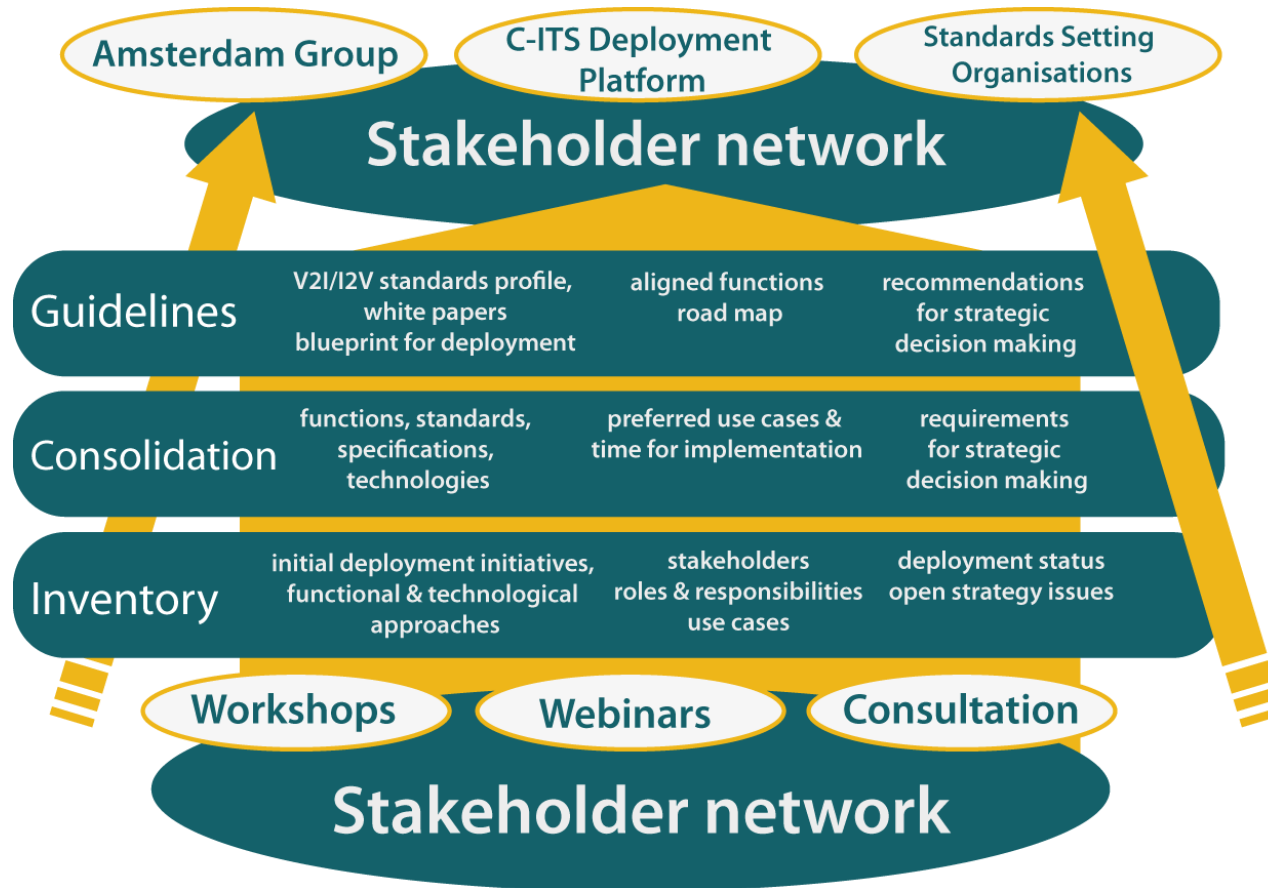
- **Sustaining C-ITS deployment in Europe by**
 - Coordinating initial deployment activities
 - Aligning deployment road maps
 - Giving strategy coordination support
 - Raising awareness for the idea of cooperative road traffic
- **Building up and maintaining stakeholder network**
 - For information sharing, knowledge transfer, exchange of experiences
 - For consolidating implementation approaches, functional preferences and strategy requirements
 - By organising workshops, webinars, stakeholder meetings, conferences, personnel consultation



Objectives

- **Serving as nodal point for consolidating stakeholder requirements**
 - Horizontal level: aligning functional approaches and open strategy issues between initial deployment initiatives and stakeholders
 - Vertical level: calling attention to consolidated stakeholder views and preferences in discussion of high-level decision makers
 - **Supporting**
 - The Amsterdam Group
 - The C-ITS Deployment Platform of the European Commission
 - Standards Setting Organisations
 - Other key deployment players
- in coming to a concerted C-ITS deployment approach.**

Measures & practices



Partners



Contact



- **To join the CODECS network, contact us!**

Website: <http://www.codecs-project.eu>

ITS automotive nord GmbH (Coordinator)

Hermann-Blenk-Straße 17
38108 Braunschweig
Germany

Dr. Karl-Oskar Proskawetz

+49 531 231 721 10

karl-oskar.proskawetz@its-an.de

Sonja Eickmann

+49 531 231 721 22

sonja.eickmann@its-an.de



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