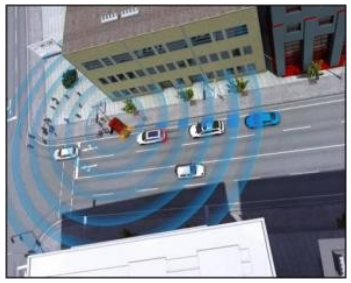
# COMeSafety2: A European Coordination Action Driving Cooperative Systems Realization



THE FULLY NETWORKED CAR
GENEVA MOTOR SHOW

**Timo Kosch**
BMW Group Research and Technology



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# Agenda



- Mission
- Objectives
  - Standardisation
  - Consolidation
  - Intercontinental Cooperation
  - Promotion
- EU-US Cooperation
- Information Material and Calendar of Events



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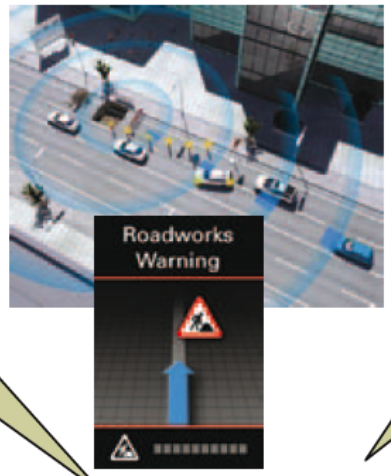
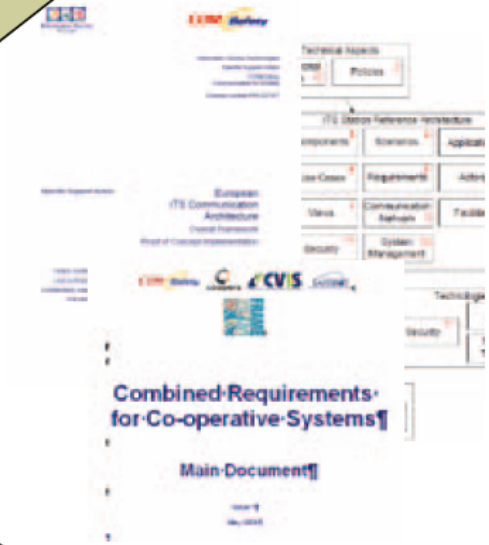
# Taking Up on the Results of COMeSafety



Worldwide harmonisation of the basic radio system

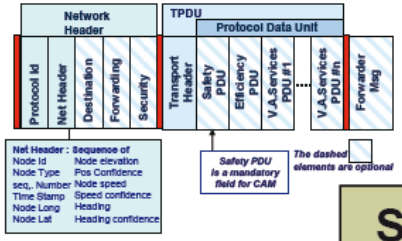



Recommendation for and consolidation of work of European projects




Push forward a co-ordinated EU frequency allocation process

COM Safety




Support of the eSafety Forum

Support and co-ordination of standardisation



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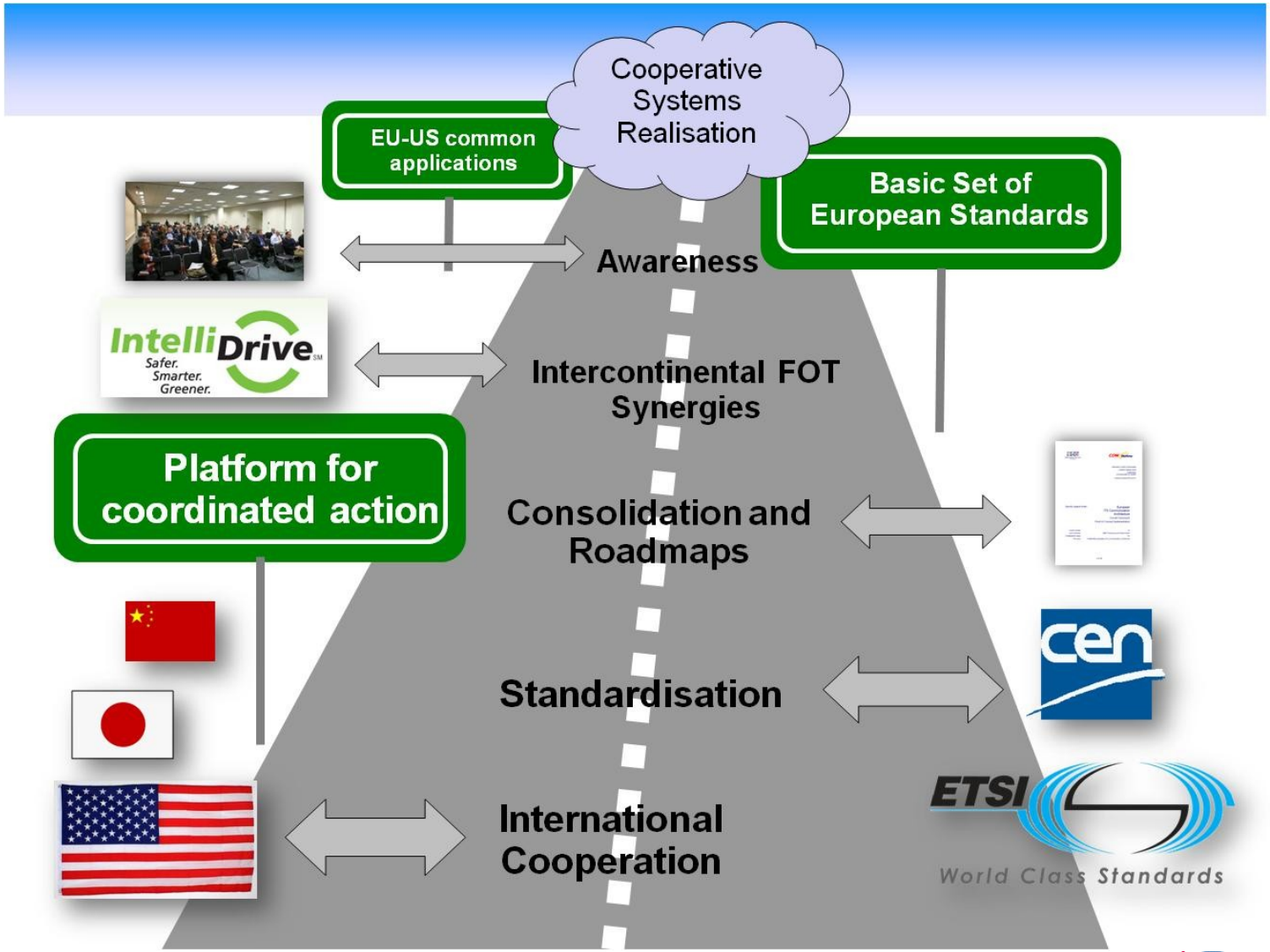
# Mission



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# Who's behind?




| |
|---|
| BMW FORSCHUNG UND TECHNIK GMBH |
| BUNDESANSTALT FUER STRASSENWESEN |
| CENTRO RICERCHE FIAT SCPA |
| DAIMLER AG |
| EUROPEAN ROAD TRANSPORT TELEMATICS IMPLEMENTATION COORDINATION ORGANISATION S.C.R.L. |
| SOREN HESS |
| ITS NIEDERSACHSEN GMBH |
| RENAULT s.a.s. represented by GIE REGIENOV |
| HANS-JOACHIM WERNER HERBERT FRIEDRICH SCHADE - TRANSPORTATION SUSTAINABILITY ENVIRONMENT |
| VOLVO TECHNOLOGY AB |



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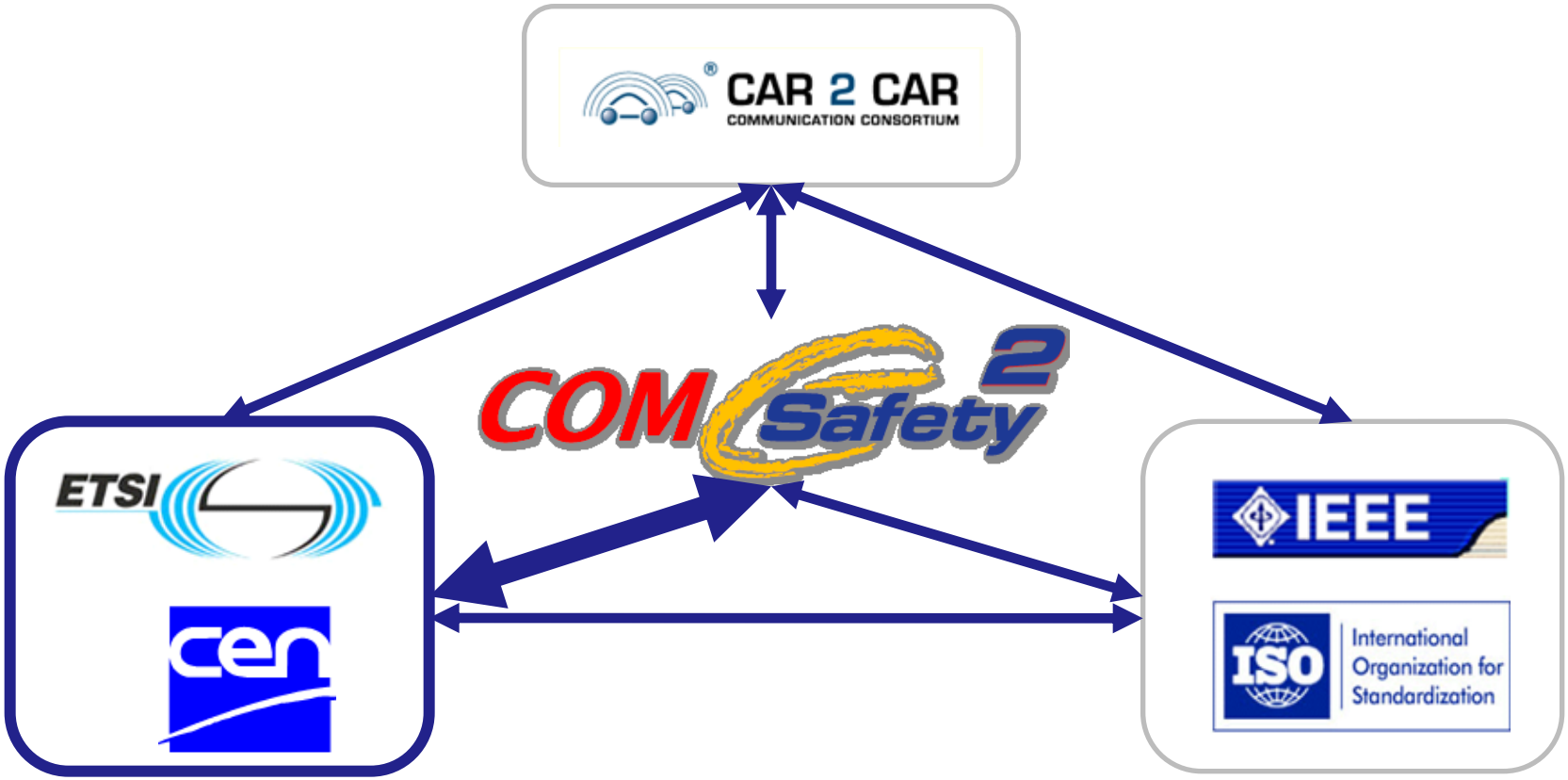
# Goals

European set of standards to support European Community wide implementation and deployment of Co-operative Intelligent Transport Systems



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# Goals

- Standardisation
  - Track & support the standardization process under Mandate M453 in ETSI and CEN
  - Liaison between European SDOs, FP7 projects and other EC initiatives
  - Liaison to non-European SDOs (ISO, SAE, IEEE, …)
  - Liaison to the European Data Protection Supervisor body (EDPS)
  - Participation in the Global Standards Collaboration (GSC)
  - Contribution to the ITS-CG
  - Liaison with eSafety Forum
  - Frequency availability

# Goals



- Effective EU-US and international cooperation
  - Mutual access to tools and methodologies for FOTs in EU and US, possibly later in Japan and other regions
  - Clearly specified common applications
  - Complementary set of standards for EU and US
  - Active participation in Task Forces and Working Groups
  - Bringing the result of CVIS (EU) and VII (US) closer to each other

# Goals

- Maximised Benefits of Field Operational Testing Outcomes
  - Ensure the production of comparable test data
  - Support cross-project validation of test results through platforms
  - Create European database to gather major FOT outcomes (with profile-based access mechanisms to support wider controlled access and allow data exchange with US, Japan and other interested regions)

# Goals

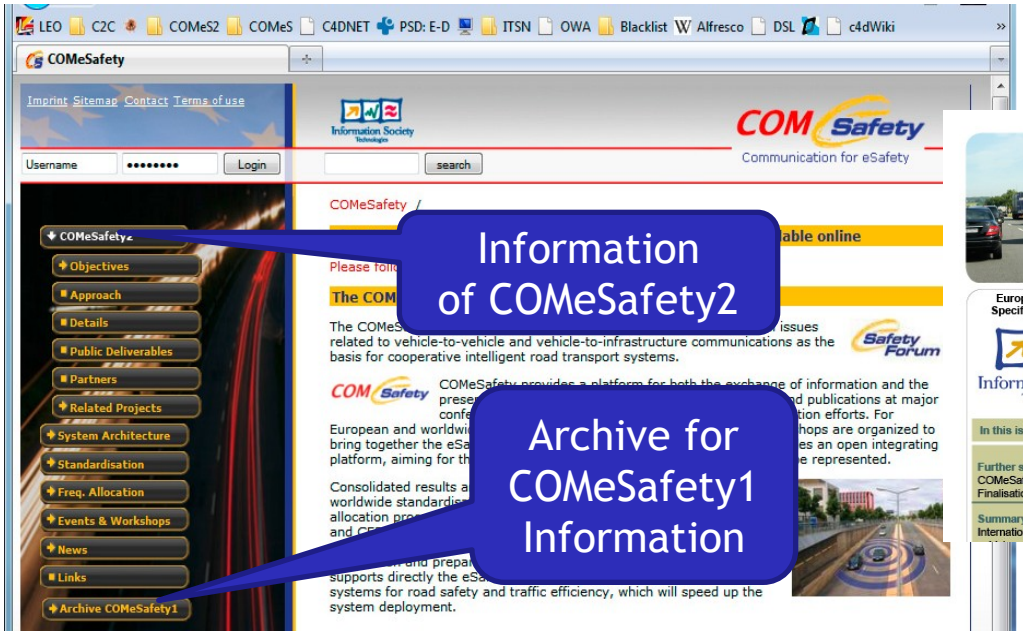
- Deployment preparation
  - Preparation of the process for a European Agreement on a Cooperative System for implementation
  - Clarification of the roles, responsibilities and contributions of stakeholders
  - Aspects of system certification and homologation
  - Requirements for the homologation of ITS Vehicle Stations and ITS Roadside Stations
  - Widely accepted security and privacy policy
  - Definition of preconditions for deployment

# Goals



- Promotion by dissemination of objectives and prospects towards general public, industrial players and authorities
  - Platform for discussions and opinion formation
  - Knowledge in general public on technologies and developments
  - Awareness at stakeholder groups and decision makers

# Information





7th International Workshop on Vehicle Communications

Orlando 2011



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# Goals



- What has been the main driver of the development of the connected vehicle – technology, customer needs, public interest?
- How well do we know the effects of the systems – on the individual, the industry, the society?
- International harmonization – how does it work and how much do we need?
- A new Coordination Action:
  - A room for Ideas
  - A marketplace for exchange
  - A case for guidance
  - A driver of developments
  - A tool to get it done