COM Safety 2

A European Co-ordination Action driving Cooperative Systems Realization

“COMeSafety 2 takes up and continues the work started in FP6 to establish Intelligent Transport Systems. Hence the project provides a platform to bring together all stakeholders and supports intercontinental harmonisation activities towards the realisation of common cooperative systems on European roads.

Let’s take the challenge forward and strengthen all our joint efforts for the sake of safe, sustainable and efficient mobility for the people in Europe.”

The Project at a glance

Context: 7th Framework European Coordination and Support Action

Duration: Jan 2011 – Dec 2013

EC Funding: 2.3 m€

Project Coordination: Dr. Markus Straßberger, BMW Group
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Partners:

COMeSafety2 Partners:

BMW Group Forschung und Technik

bast

DAIMLER

ERTICO ITS EUROPE

FIAT CRF CENTRO RICERCHE FIAT

Soeren Hess

ITS Niedersachsen GmbH

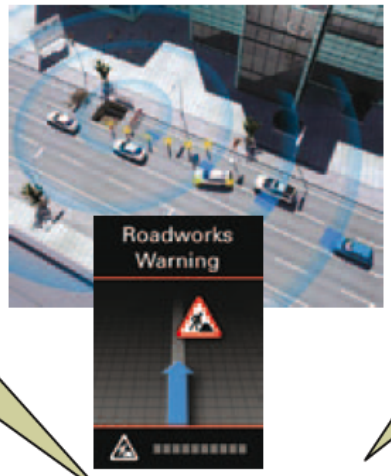
RENAULT

Transportation Sustainability Environment Consulting TSE

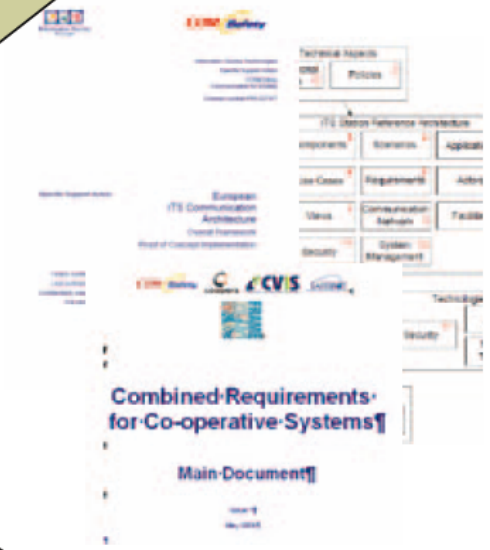
VOLVO

Where do we come from?
COMeSafety in FP6: Impact of a Support Action

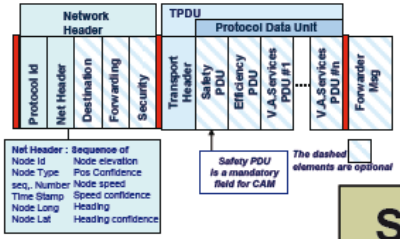
Worldwide harmonisation of the basic radio system



Recommendation for and consolidation of work of European projects



Push forward a co-ordinated EU frequency allocation process

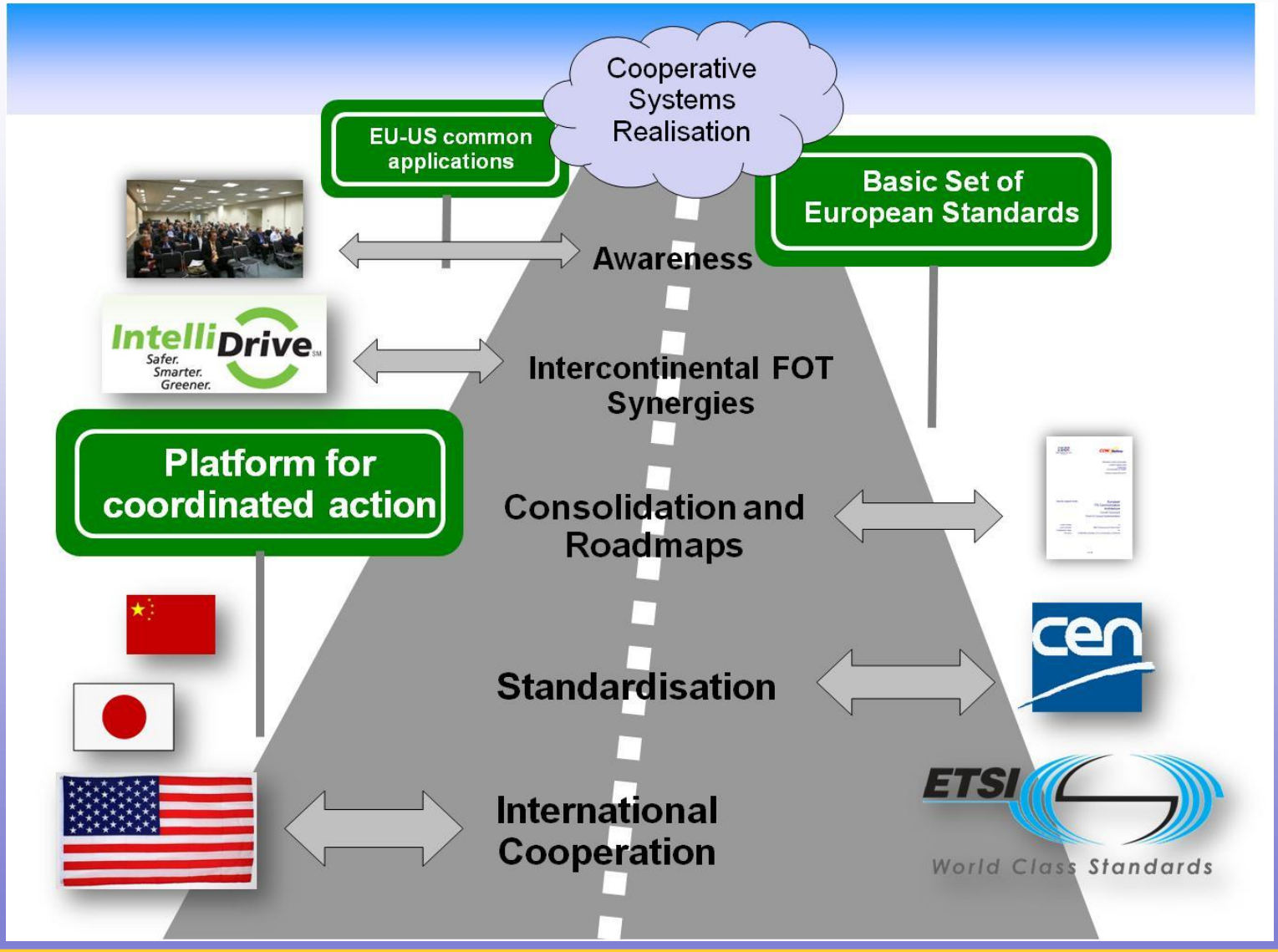


COM Safety

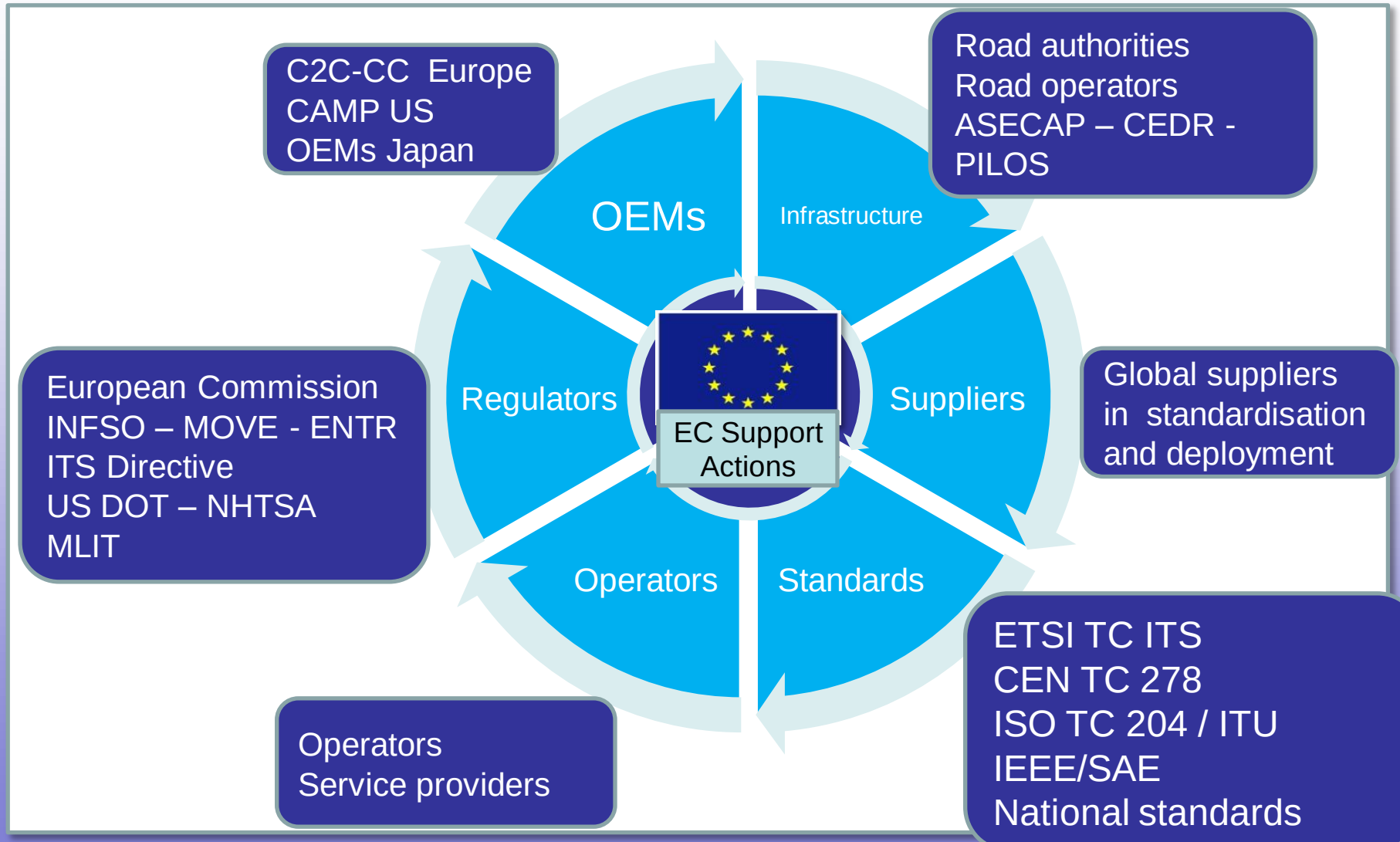
Support of the eSafety Forum

Support and co-ordination of standardisation

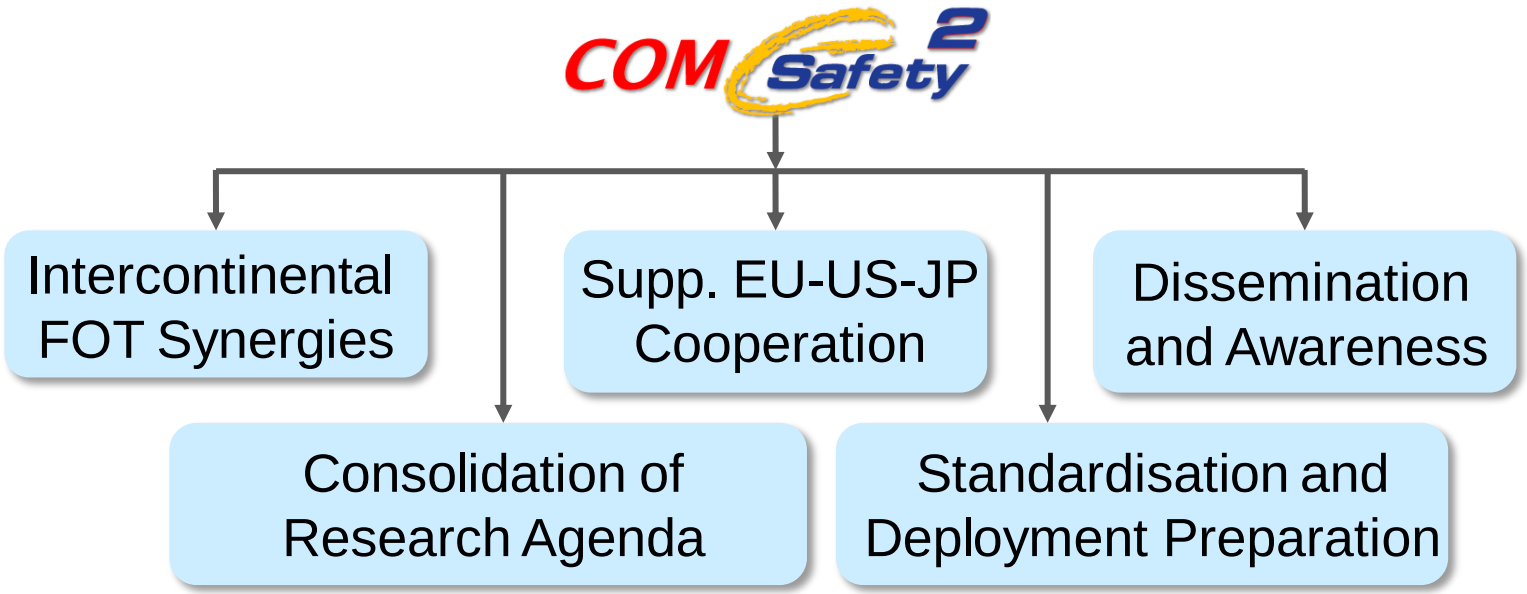
Where to go:
COMeSafety2: Missions



Stakeholder environment

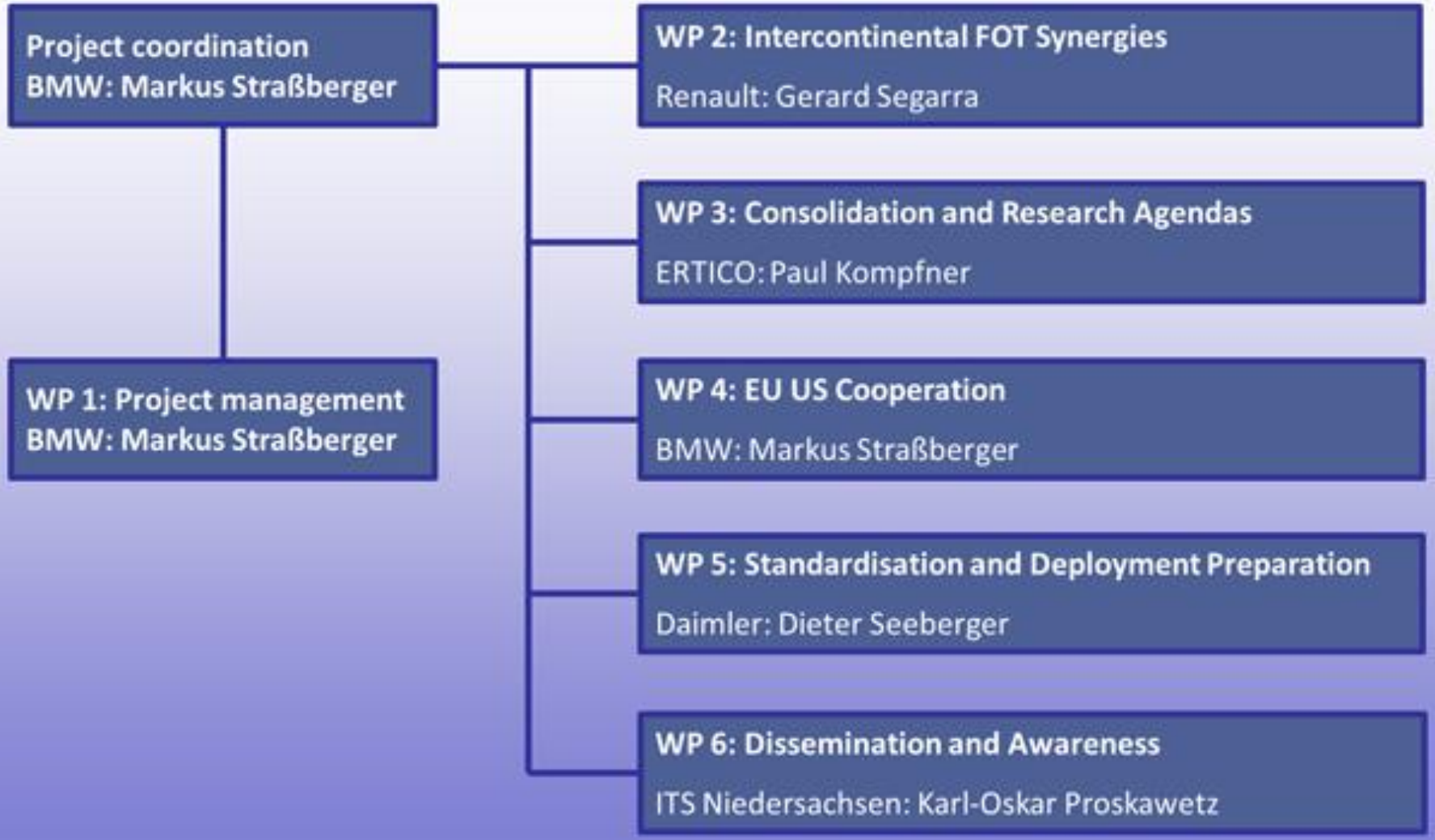


COMeSafety2: Project Structure & Objectives

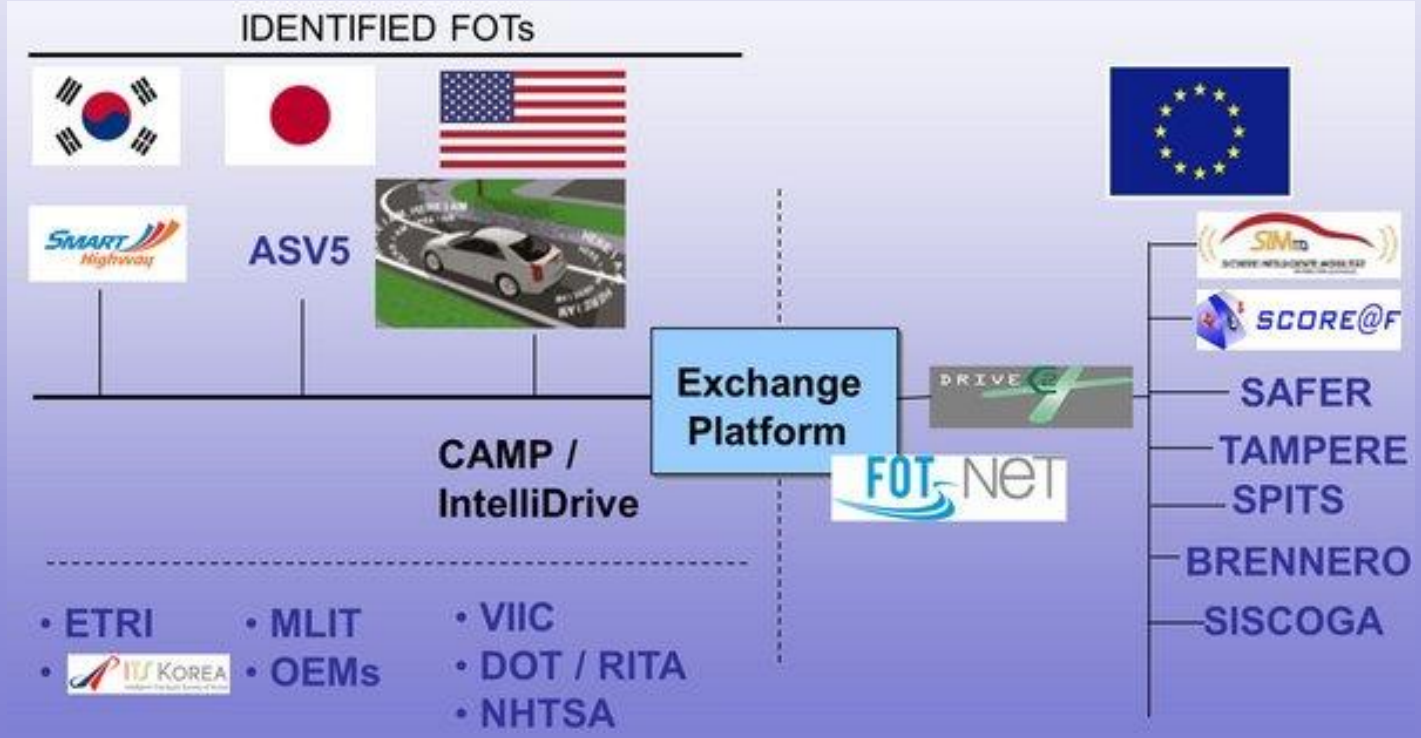


- Support realization and deployment of co-operative systems
- Provides information to the EC about relevant technical and organisational matters
- Foster wide agreement on technical issues and on deployment strategies

COMeSafety2: Organisation of Work

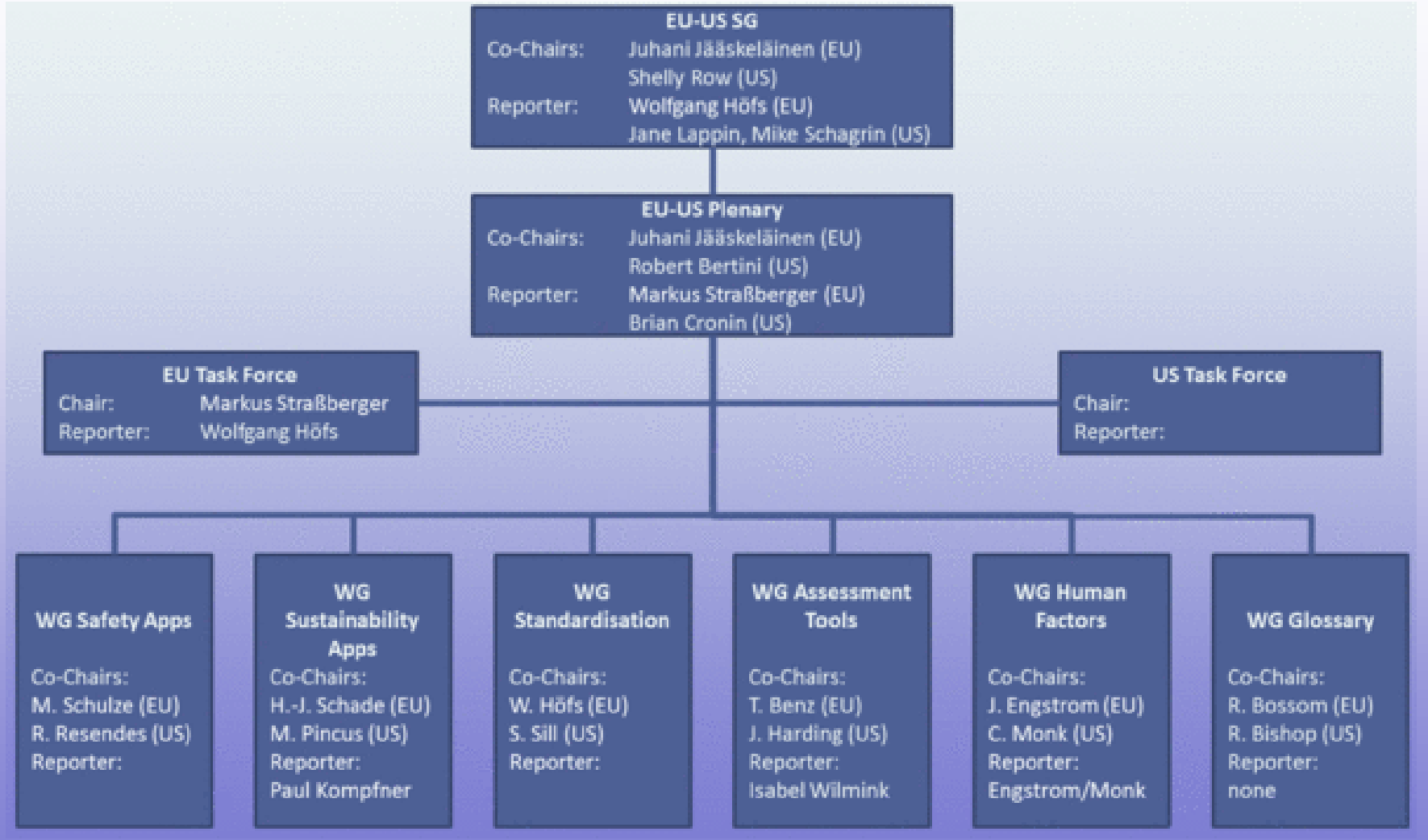


- Maximised Benefits of Field Operational Testing Outcomes
  - Ensure the production of comparable test data
  - Support cross-project validation of test results through platforms



- Disseminate research results into projects
- Integrate achieved results into new project proposals
- Identify open research Gaps
- Organise and moderate at least one workshop per year to build up a platform for exchanging technical results and updating the system architecture between research projects, C2C-CC, the iMobilty Forum and the iCar initiative.
- A main focus will be set on the architectural component of ITS standardisation.

COMeSafety2 – WP 4 EU/US Cooperation - International Harmonisation



COMeSafety2 – WP 4 EU/US Cooperation - International Harmonisation

- Effective EU-US (and international) 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

COMeSafety2 – WP 4 EU/US Cooperation - International Harmonisation

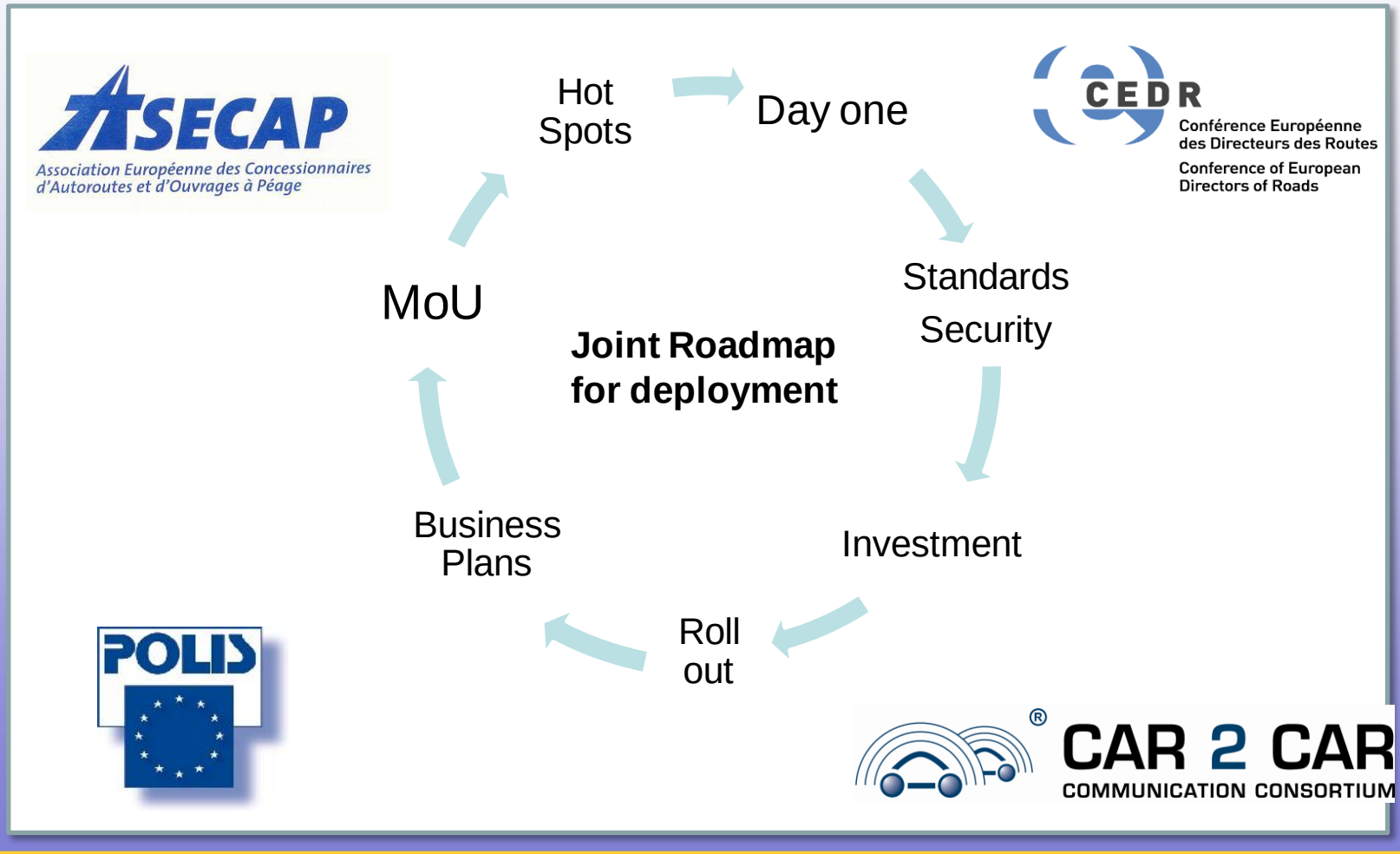
- Terminology
  - Speak common language
- Tools for testing and benefits assessment
  - Establish shared set of benefits estimation tools
  - Establish common structure for benefits data
- Applications
  - Find common technical solutions to critical technology issues
  - Quantify benefits
- Standards harmonization
  - Identify list of standards for international harmonization
  - Identify owning SDO
  - Identify support mechanisms for expeditious balloting of standards
- Driver distraction

- **Definition of preconditions for deployment**
  - Consideration of the toolkit of recommendations and actions from the FP6 projects (CVIS, SAFESPOT, COOPERS)
- **Preparation of the process for a European Agreement on a Cooperative System for implementation**
  - Define a set of options provided by the standards, required for interoperability
  - Discuss with different stakeholders
- **Frequency availability**
  - Status
  - Licensing requirements for ITS Roadside Stations, support of acceptable licensing regime
- **Requirements for the homologation of ITS Vehicle Stations and ITS Roadside Stations**

- International Harmonization on Standards:
  - US view on standardization areas to be developed for cooperative systems
  - Complete joint analysis (with US comments) on list of standards fitting to the areas (existing, to be finalized and to be developed) → to be confirmed with Steve
  - High level assessment on standards contents (given resolution on access achieved)
  - Confirmation on agreed areas for standardisation from SDOs with respect to existing, missing and under development (cross-check needs) → necessity of work item definitions
  - Detailed level of assessment

COMeSafety2 WP 5: Standardisation and Deployment Preparation

- Bridging the Gaps among the Stakeholders



COMeSafety2 WP 6:
Goals – Dissemination & Awareness

- 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

COMeSafety2: Part of European Support Network

Research

Stakeholders

Support

Standardisation

Mandate M/453

International Harmonisation