

EU-U.S. Joint Declaration of Intent on Research Cooperation in Cooperative Systems

Washington, D.C., 13 November 2009

The European Commission Information Society and Media Directorate-General (EC/DGINFSO) and the Research and Innovative Technology Administration of the United States Department of Transportation (USDOT/RITA) state that:

- (1) Transport is an essential component of economies in both the European Union and the United States of America (U.S.). In Europe, the European Commission together with the Member States has over the last decade pursued Transport Policies aiming especially at improving safety, improving mobility, and reducing the environmental impact of transport. In the U.S. similar policies are pursued by the U.S. Department of Transportation (USDOT) and by the U.S. states.
- (2) The intent of these policies is to establish sustainable transport systems that meet the society's economic and environmental needs by reducing the number of road crashes and fatalities, reducing congestion, and achieving a low-carbon society with a cleaner, greener and smarter transportation system.
- (3) Both parties believe that Cooperative Systems, based on vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communications, can deliver very significant benefits for all road users and the public in terms of safer, more energy efficient, and environmentally friendly transport.
- (4) Consistent with the Agreement for Scientific and Technological Cooperation between the European Community and the Government of the United States of America, an Implementing Arrangement regarding cooperative activities in the field of Information and Communication Technologies (ICT) research applied to road transport was signed in January 2009 between the European Commission Information Society and Media Directorate-General (EC/DGINFSO) and the Research and Innovative Technology Administration of the United States Department of Transportation (USDOT/RITA).
- (5) The purpose of this Implementing Arrangement is to advance cooperation on research in ICT for road transport, especially on ICT research applications for road transport, namely Cooperative Systems.
- (6) The EC/DGINFSO and USDOT/RITA intend to inform stakeholders involved in the development of Cooperative Systems, in particular the automotive industry and standardisation organisations, of continuing cooperation and progress.
- (7) The EC/DGINFSO and USDOT/RITA further intend to continue cooperation in the area of Cooperative Systems applied to road transport under the Implementing Arrangement of January 2009.

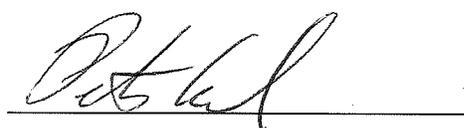
- (8) Based on the V2V and V2I Research Plans, developed under the IntelliDriveSM Initiative in the U.S., and the Technical Road Map for development of Cooperative Systems, developed by a Task Force of the EC/DGINFSO, the parties intend to identify the research areas which would benefit from a harmonised approach and which should be addressed by coordinated or joint research.
- (9) The parties further intend to support research in Cooperative Systems in a manner which is compatible with this harmonised approach and avoids duplication of efforts. This work may be supported by a Strategic Research Agenda, where joint research areas are identified.
- (10) Globally harmonised standards are essential to support and accelerate the deployment and adoption of Cooperative Systems. The parties strongly support development of global open standards which ensure interoperability through appropriate actions including, but not limited to, coordinating the activities of the standardisation organisations. In particular, the parties intend to make efforts to preclude the development and adoption of redundant standards. The adoption of multiple standards within a given area of interest should be limited to those cases where there are demonstrated technical needs, such as differing frequency spectrum allocations, and legal requirements, such as privacy protection laws. The parties welcome the participation of other countries and regions, particularly those of the Asia Pacific region, in the development of global open, harmonised standards for Cooperative Systems.

For EC/DGINFSO:

For USDOT/RITA:



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