DRIVE C2X

DRIVing implementation and Evaluation of C2X communication technology in Europe

Fact Sheet

Project Information

DRIVE C2X

Grant agreement ID: 270410

Funded under
FP7-ICT

Start date
1 January 2011

End date
31 July 2014

Overall budget
€ 18 241 332

EU contribution
€ 12 400 000

Coordinated by
DAIMLER AG
Germany

Project description

ICT for Mobility of the Future

The objective of the DRIVE C2X Integrated Project is to carry out comprehensive assessment of cooperative systems through Field Operational Tests in various places in Europe in order to verify their benefits and to pave the way for market implementation. This general objective is split into four major technical objectives:

• Create a harmonised Europe-wide testing environment for cooperative systems
• Coordinate the tests carried out in parallel throughout the DRIVE C2X community
• Evaluate cooperative systems
• Promote cooperative driving.

The proposal fully responds to EC requirements and the Call 6 contents on Field Operational Tests.

During the past decade, researchers have been working on cooperative systems worldwide in numerous research projects. Tentative results suggest that communication between vehicles and vehicles and infrastructure can
substantially improve sustainable transportation. There is today a general understanding of the benefits of cooperative systems in terms of traffic safety and efficiency, but so far these systems have been tried out in small scale experiments only. There is no proof of their benefits yet with many communicating vehicles used in variable conditions on roads. The work proposed builds strongly on previous and on-going work on cooperative systems, which are now considered to be mature enough for large-scale field operational tests. The Europe-wide testing community envisaged for DRIVE C2X comprises of six test sites in Germany, Italy, the Netherlands, Sweden, France and Finland. Essential activities in this project are the testing methodology and evaluation of the impact of cooperative driving functions on users, environment and society. In addition to impacts, other important areas of testing are technical functionality and robustness of the systems – also in adverse conditions. The user feedback and the results from technical tests enable the creation of realistic business models for the following market introduction.

Field of science

/social sciences/economics and business/business and management/commerce
/social sciences/economics and business/business and management/business model
/social sciences/economics and business

Programme(s)

Topic(s)

Call for proposal

FP7-ICT-2009-6

Funding Scheme

CP - Collaborative project (generic)

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