

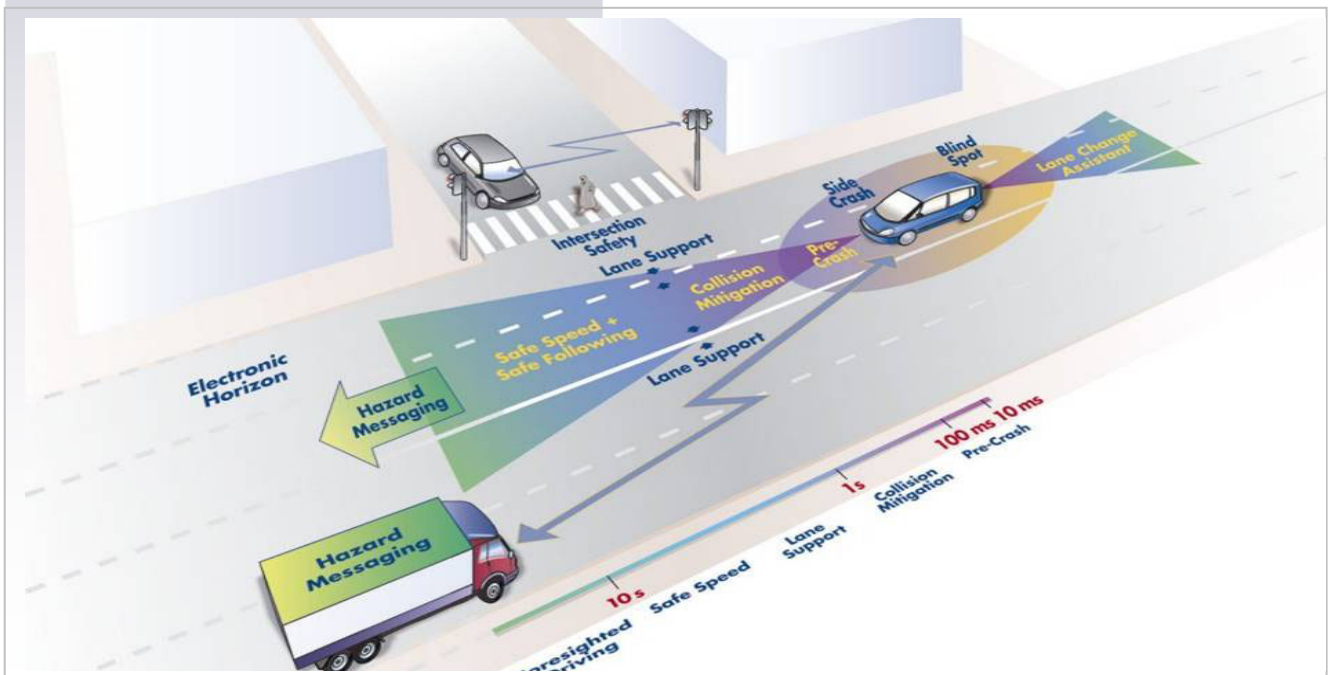


# PREVENT

## *Preventive and Active Safety Applications*

Preventive and active safety applications help drivers avoid or mitigate accidents through the use of in-vehicle systems which sense the nature and significance of the danger, while taking the driver's state into account.

**PREVENT** will develop, test and evaluate safety related applications, using advanced sensor and communication devices integrated into on-board systems for driver assistance.



## Objectives

**PReVENT** envisions the early availability of advanced preventive and active safety applications and enabling technologies and their accelerated deployment on European roads.

### **PReVENT**

- Improves existing systems and develops new concepts for intelligent vehicle safety systems.
- Links to and co-operates with national and European programmes.
- Has the critical mass to reach objectives.
- Supports and is in line with the European eSafety initiative.

#### **More Information:**

<http://www.prevent-ip.org>

#### **Contact us:**

Name: Matthias Schulze

Organisation: DaimlerChrysler AG

Tel: +49-7031-4389 603

e-mail: [matthias.m.schulze@daimlerchrysler.com](mailto:matthias.m.schulze@daimlerchrysler.com)

Project Acronym: **PReVENT**  
Project Reference: **IST-2002-507075**  
Contract Type: **Integrated Project (IP)**  
Start Date: **01/02/2004**  
Duration: **48 months**  
End Date: **31/01/2008**  
Project Cost: **55 Mio €**  
Project Funding: **29.8 Mio €**

## Description of the work

The **PReVENT** Integrated Project has been organised around the following key vertical, application oriented safety function fields:

- Safe Speed and Safe Following
- Lateral Support and Driver Monitoring
- Intersection Safety
- Vulnerable Road Users and Collision Mitigation

In addition, the following cross-functional activities have been identified:

- Code of Practice for Development and Testing of ADAS
- In-vehicle Digital Map aspects as interface to ADAS applications and map data sourcing and certification
- Sensors & Sensor Data Fusion
- Assessment of Applications.

PReVENT consists of a set of eight vertical and three horizontal subprojects which started in February 2004.

During the course of the project, new subprojects will be added to the programme. Finally, during **PReVENT's** 3rd phase, an IP Exhibition (**PReVENT** Roadshow) will be organised and all experimental platforms and test vehicles will be demonstrated publicly.

## Participants:

Audi (Germany), BMW F+T (Germany), Centro Ricerche FIAT (Italy), DaimlerChrysler (Germany), Ford AG (Germany), Ford Forschungszentrum Aachen (Germany), PSA Peugeot Citroën (France), Regienov (France), Volvo Technology Corporation (Sweden), Volvo Car Corporation (Sweden), Volkswagen (Germany), Blaupunkt (Germany), Bosch (Germany), Delphi Delco (Germany), IBEO (Germany), Navteq (Netherlands), Philips (Germany), Siemens (Germany), Sagem (France), Siemens VDO (Germany), Siemens VDO Trading (Netherlands), Tele Atlas (Netherlands), TRW Conekt (United Kingdom), FCS Simulator Systems (Netherlands), Imita, Lewicki (Germany), Navigon (Germany), Transver (Germany), ERTICO (Belgium), Ministerie van Verkeer en Waterstaat (Netherlands), Fraunhofer Gesellschaft (Germany), Niedersaechsisches Ministerium fuer Wirtschaft, Arbeit und Verkehr (Germany), TNO (Netherlands), TRL (United Kingdom), Cidaut (Spain), CNRS Idfe (France), Technische Universitaet Chemnitz (Germany), CERTH/HIT (Greece), Forgis (Germany), ICCS (Greece), INRIA (France), LCPC (France), Lunds Universitaet (Sweden), NTUA (Greece), Universitaet Hannover (Germany), Universita degli Studi di Siena (Italy), Universita degli Studi di Trento (Italy), Universita degli Studi di Parma (Italy), Forwiss (Germany), IMC (Germany), INRETS (France), VTT (Finland).