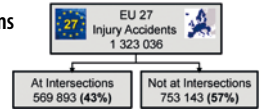


Cooperative intersection safety

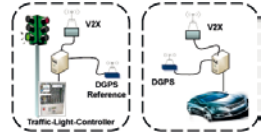
Objectives

- Cooperative Intersection Safety System to improve traffic safety at intersections
- Bidirectional V2X communication and cooperative data fusion
- Cooperative warning and interventions



Technologies

- Road user perception using on-board sensors
- Intersection reconstruction and relative localisation
- Intersection monitoring using infrastructure sensors
- Data fusion of on-board sensors and cooperative information



BMW demonstrator vehicle

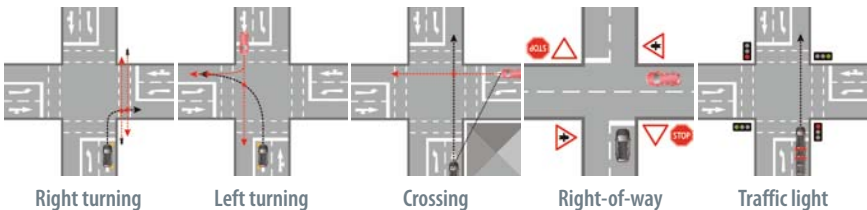


Volkswagen demonstrator vehicle



VOLVO Tec. demonstrator truck

Addressed Intersection Scenarios



Organisational information

Budget	6.5 M€	Funding	3.9 M€
Duration	36 months	Start	June 2008
DG	Information Society and Media	Priority Area	ICT
Coordinator	Kay Fuerstenberg IBEO Automobile Sensor GmbH	Contact	Kay.Fuerstenberg@ibeo-as.com
Partners	BMW, VOLVO, VW, VTT, TRW, Ika, NEC, INRIA, Signalbau Huber, Uni Cluj-Napoca, Ibeo		