CORNET/EraSME partnering event Maastricht – 20 January 2010

--- Project Idea ---

Proposal title and acronym	**Car to infrastructure communication**
Coordinator: Other applicant(s):	Karel de Grote University College Salesianenlaan 30 2660 Antwerpen, Belgium
Sector	Automotive, telecommunication
Call of interest	☐ CORNET (cooperation between SME Associations and research organisations) ☒ EraSME (cooperation between individual SMEs and research organisations)
Proposal summary:	Car to infrastructure communication has proven its value in different application domains like fleet control and tolling. In a first stage of the project some different available techniques will be tested and documented. In the second stage the application domain will be extended with the exploration of new applications, which can be suggested by the participating companies. Based on trial and error implementations of existing and/or new applications, this research aims to extend and improve the current application domain. Removing the “beyond line of sight constraint of radar and vision” by communicating remote sensor information extends the space and time horizon and may lead to a whole new level of shared information.
Advantages for SMEs, trade or industry:	The documentation and information eases the learning curve for our partners and allows fast market introduction. The implementations will discover and solve incompatibilities between the infrastructure and car components. The proof of concept implementations will uncover the importance and the future possibilities in remote sensor information.
Profile of partners sought:	- Partners in the traffic infrastructure sector - Partners in mobile communication - Partners in the automotive sector
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