

## International Vehicle to Infrastructure and Vehicle to Vehicle Projects - Israel

	Research/Project Title & Description	Sponsoring Organization/ Researchers	Point of Contact	Key Applications	Communications Media	Time Frame	Status (current/ planned)	VII Arch. & Stds. Compliance	Assessment: Relevance to VII Program
3	<p><b>COM2REACT Cooperative Communication System to Realise Enhanced Safety and Efficiency in European Road Transport:</b></p> <p>A key feature of COM2REACT is a Virtual Sub-Centre, which controls a moving group of vehicles in close proximity. The virtual sub-centre (VSC) functions locally via the V2V communication system, processing data acquired by the vehicles and rapidly providing instructions related to local traffic and safety situations. It also transmits, by way of V2C communication, selective data to RCC and receives, in return, instructions to distribute to the vehicles. The role of VSC is set, unnoticeable by the driver, to one of the vehicles in the group according to rules imbedded in all COM2REACT vehicles.</p> <p>COM2REACT will build upon the DG Research REACT project. REACT comprises sensorequipped vehicles and RCC. COM2REACT will add VSC and integrate it with REACT to obtain a functioning 3-level control system and confirm VSC's added value. In addition, sensors complementary to the system functioning will be added.</p>	<p>The project consortium consist of 13 partners: Motorola Israel, Halevi Dweck &amp; Co. -ARTTIC Israel Ltd, Transver GmbH, Technical University of Munich, INRIA, ARMINES - Ecole des Mines, Peugeot Citroën Automobiles SA, DMR Consulting, Intempora SA, Jerusalem Transportation Master Plan Team, Sphericon Ltd., Telefónica I+D, NAVTEQ B.V. The project is coordinated by Motorola Israel Ltd.</p>	<p>Contact us: Name: Dr. Chanan Gabay Organisation: Motorola Israel Ltd. Telephone: +972-3-5684988 E-mail: chgabay@motorola.com</p>			<p>Start Date: 01/01/2006 Duration: 24 months End Date: 31/12/2007</p>			