



CityVIP

Safe movement of individual driverless public vehicles adapted to the urban environment

BUDGET €3,000K

GRANTS OBTAINED €1,400K

ANR FUNDING 2008 - 2011

THE PROJECT

The main aim of the CityVIP project is to devise precise and reliable positioning methods and systems for individual driverless public vehicles in order to render their movements safe in an urban setting.

To achieve this, it is necessary to create robust localisation methods used by reliable guidance algorithms allowing the autonomous use of such vehicles in complex environments.

The main idea structuring this project is that of rendering driverless vehicle navigation and guidance systems more robust by creating new methods where positioning is no longer based on a single type of sensor, but by combining different types of information, by introducing 3D geo-location, a knowledge of the environment ahead of the vehicle and navigation techniques.



PROJECT SPONSOR

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