

# NOAE WORKSHOP

Aachen/Germany June 12, 2013

Cross Border Collaboration



# Located in an inspiring environment



- Research institute for the **vehicle and mobility industry** developing and presenting **technological solutions** in R&D domains:



- Open innovation approach **driven by the industry**
- High-tech Infrastructure** for vehicle, system and component testing
- Wide **international network** of 170 partners

# R&D projects

2009

2010

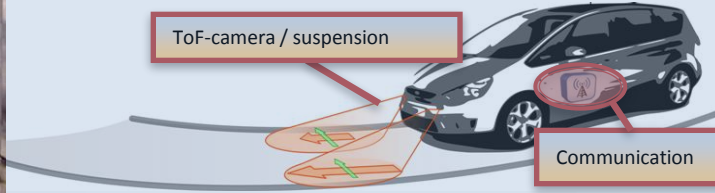
2013

2014 ...

## Zero accidents

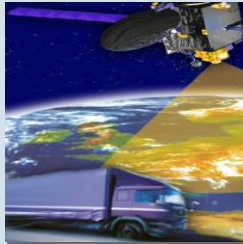


Active suspension  
ReVAS



V2I communication,  
VISION

## Intelligent mobility



GPS vehicle positioning



Inductive charging

e-vect  rc

FP 7 2013-2014

## Zero emission



Lightweight door



Battery Management  
ESto



Electric Powertrain

 icompose

Integrated Control of Multiple-Motor and Multiple-Storage Fully Electric Vehicles

FP 7 2014-2016

Click to edit Master title style

**Project idea**  
**V2i enhanced mobility**



## Aim and Scope of the project

### Aim:

The objective of the project is to develop an application and service (ITS) to increase road safety and enhance the traffic flow, and couple this application seamlessly with the in-vehicle's systems. This project builds-on top of the realization of the proof-of-concept of the "GreenWave speed advice" smartphone application developed in the Vision project of Flanders' DRIVE, as well as existing live-traffic services of Be-Mobile / Touring Mobilis.

### Scope:

- Realizing and connecting the infrastructure to handle all the floating car data in real-time
- Study user acceptance and user limitations
- Interaction with vehicle systems
- Traffic modeling and optimal speed prediction
- On-demand scheduling of traffic lights

## Project description

In preparation

## Demanded partners

- Telecom experts
- Companies with experience/interest in Galileo





Flanders' DRIVE  
Oude Diestersebaan 133  
BE-3920 Lommel

Tel.: +32 11 790 590  
E-mail: [info@flandersdrive.be](mailto:info@flandersdrive.be)

