

## Highly automated vehicles for intelligent transport

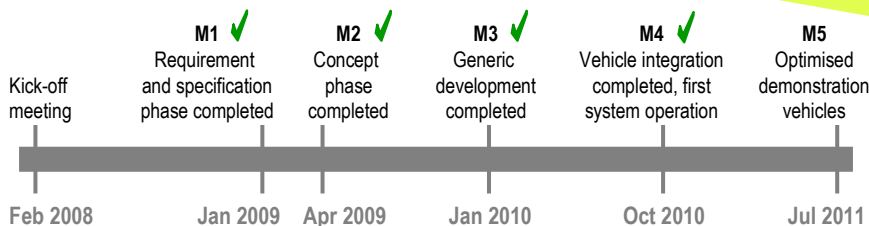
### Motivation and Objectives

In the beginning of 2008 the European Commission started the co-funded HAVEit Integrated Project with 18 partners (OEMs, suppliers and research bodies). HAVEit aims at the development of highly automated vehicle applications which will be demonstrated in passenger cars, trucks and a bus:

- Highly automated applications: Automated Assistance in Roadworks and Congestion, Automated Queue Assistance, Temporary Auto-Pilot, Active Green Driving
- Safety architecture applications: Joint System Interaction, Brake-by-Wire Truck, Architecture Migration Demonstrator

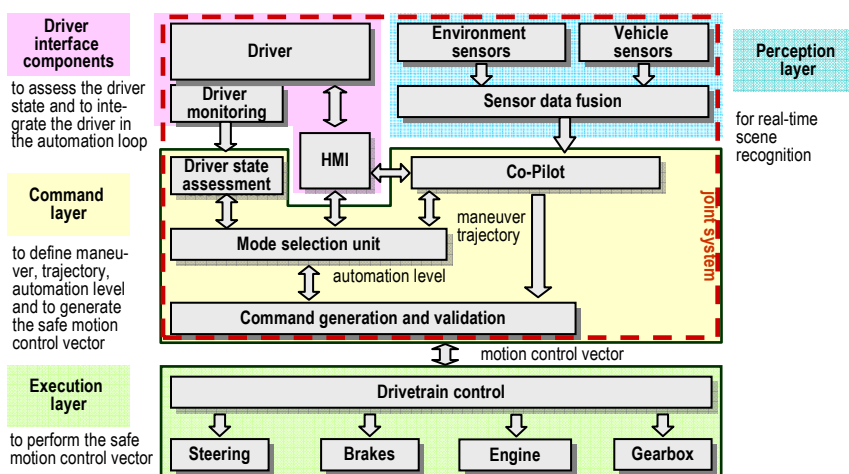
Save the date:  
  
 final event,  
 near Gothenburg,  
 21/22 June 2011

### Project Plan, Milestones and Deliverables



### Technical Approach

HAVEit demonstrators are based on dynamic repartition between driver and co-system depending on scene recognition (environment perception, driver state and vehicle state assessment) realized utilizing suitable vehicle architecture taking into consideration different safety demands, up to the fail-safe requirements caused by drive-by-wire platforms.



### Achievements since EUCAR Reception & Conference 2009

- M3: Generic developments successfully completed. Several joint system integration weeks for the joint system successfully completed. First joint system interaction validation in vehicle.
- M4: Demonstration vehicles and components are available, installed and tested. Application developments and system integration are progressing according to plan.
- M5: Final event preparation started: 21-22 June 2011. Please be invited!

### Organisational Information

Budget	28 M€	Funding	17 M€
Duration	42 months	Start	February 2008
DG	Information Society and Media	Priority Area	ICT for Intelligent Vehicles
Coordinator	Reiner Hoeger, Continental Automotive	Contact	reiner.hoeger@continental-corporation.com
Main partners:	18 partners among them VW, VTEC, Continental, Haldex, DLR, INRIA, LCPC, WIVW		
Website:	www.haveit-eu.org		

Integrated Safety