



INTELLIGENT
DRIVER SUPPORT SYSTEMS

WiseCar project period is 2007-2011.

The project is funded by the Norwegian Research Council through the research programme "VERDIKT" (Core Competence and value creation in ICT)

www.wisecar.no

Project partners

Q-Free ASA: Project owner, Industry partner
SINTEF: Project management, R&D partner
Norsk Navigasjon AS: Industry partner
Leksvik Teknologi: Industry partner
MapSolutions AS: Industry partner
P4 Radio Hele Norge ASA: Industry partner
VegInformatikk AS: Industry partner
Public Roads Administration: Public partner

Contacts:

Ragnhild Wahl, ragnhild.wahl@sintef.no
Phone: + 47 73 59 82 51 Mob: + 47 924 35 791

Runar Søråsen, runar.sorassen@q-free.com
Phone: + 47 73 82 65 00 Mob: + 47 990 10 187

www.sintef.com

www.q-free.com



Mobile ICT products

WiseCar develops intelligent driving support systems for improved safety and efficiency in transport



Product categories are:

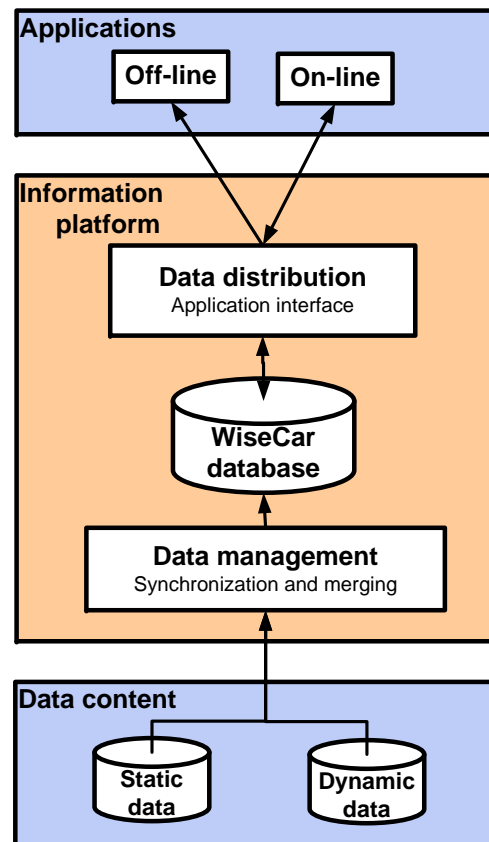
- Driver training
- Intelligent speed adaptation
- Fleet management
- Route guidance
- Location based services

This project contributes with state of the art research and governmental strategies to the innovation process, and aims at increasing possibility to reach a large market with new products. Several of the involved companies are competitors. Thus, a main challenge is to address how competitors can overcome the barriers of cooperation and join the research network in order to make each other stronger.

Technological platform

WiseCar will specify and adjust a technological platform for wireless communication technology by utilizing CVIS technology.

The project develops a common information platform for traffic data, enabling public and private data suppliers and users. It will be emphasized to develop and implement a business model, which take into account data ownership, data access and payment systems between the involved stakeholders.



Evaluation methodology

WiseCar develops a standardized evaluation methodology for human machine interface, safety and efficiency effects.

The evaluation methodology will also control the products for unwanted side effects like distractions and increased driver workload etc.



Evaluation tool battery includes:

- Driving simulators
- Instrumented vehicles
- Field equipment
- Workload indicator measurements
- Driver awareness measurements
- Driver attention measurements