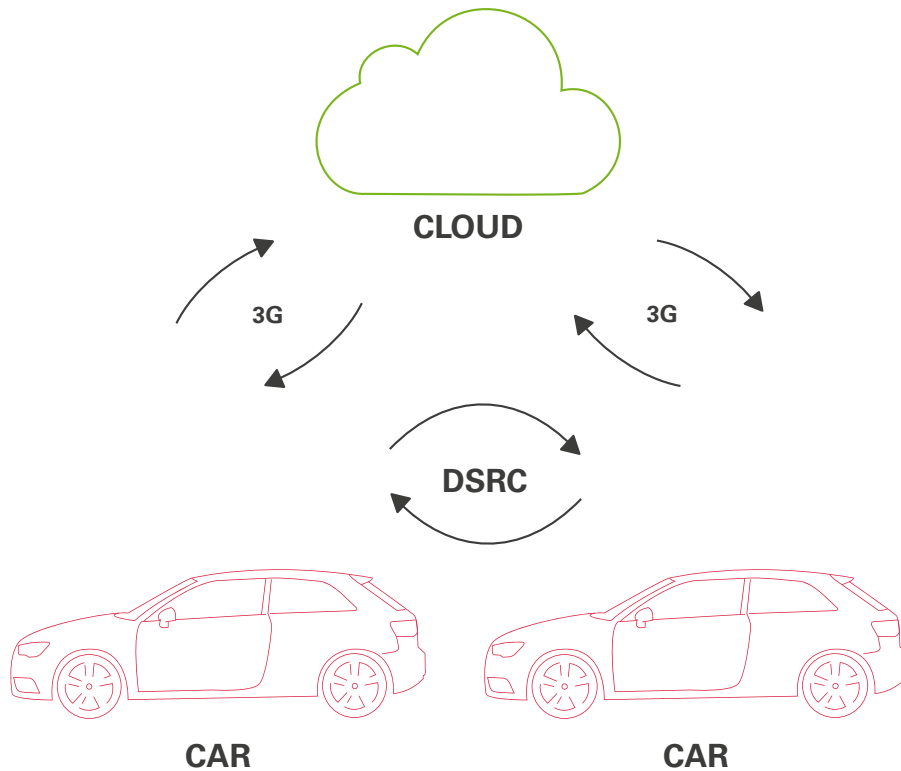


# SMART CITY CONCEPT CAR-TO-X-COMMUNICATION



## SITUATION & APPROACH

- Leading tier 1 global automotive components manufacturer & supplier aimed to enter EU market in Car-to-X segment
- The objective was to develop a smart city concept including C2X and connected intelligence technologies to improve safety, security, environment and comfort of EU's society
- National or European founding should be targeted and partner included
- Development of business concept including market entry strategy, business plan, European uniqueness study and partner concept
- Design of modular technical concept including feasibility study and traffic simulation
- Proof of concept by implementation of two prototype vehicles with Car-to-X technology and cloud service
- Test and concept evaluation on FEV's testing circuit



## RESULTS AND BENEFITS

- Fully loaded concept booked including business and technical and concept
- 2 demonstrator vehicles with embedded Car-to-X technology
- Cloud service for LTE communication
- Comprehensive database including 96 Car-to-X services and multidimensional evaluation model
- Detailed analysis of current European research landscape (>50 analyzed EU projects)
- Comprehensive EU uniqueness study





## CONNECTED AND AUTOMATED DRIVING

FEV Consulting helps OEMs, suppliers, digital companies, energy suppliers, and insurance to develop innovative business models and new technologies. This process enables them to adequately meet their needs for intelligent, efficient, and multimodal mobility chains. These are becoming more and more important in an increasingly urbanized, connected, and environmentally conscious world in which the „sharing economy“ is booming. Together with its clients, FEV Consulting develops successful growth strategies in new and existing markets.

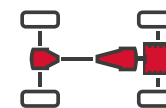
## SERVICE LINES OF FEV CONSULTING



Technology Roadmapping



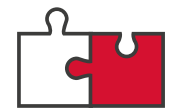
Connected and Automated Driving



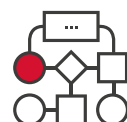
Powertrain Concept Studies



Modularization Strategies



Mergers & Acquisitions



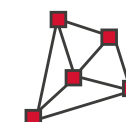
Product Development & Process Optimization



Vehicles & Lightweight



Smart Cost Reduction



Manufacturing 4.0



Supply chain management

M. Sc.

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