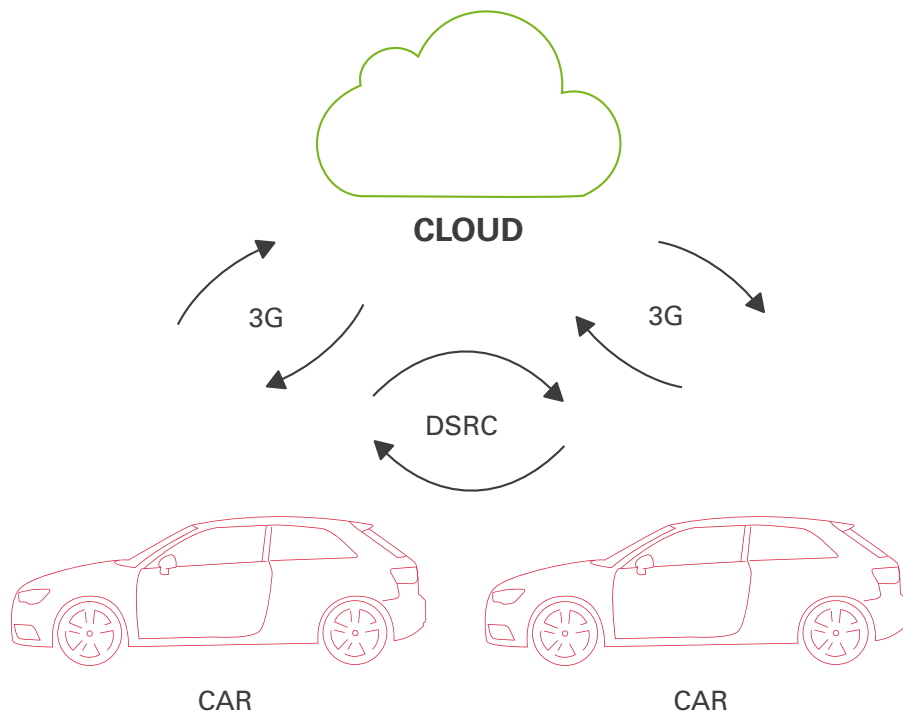


CASE STUDY

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.

Dipl.-Wirt.-Ing.

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Internet: www.fev-consulting.com

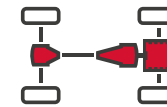
SERVICE LINES OF FEV CONSULTING



Technology
Roadmapping



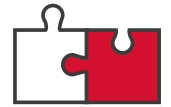
Connected and
Automated Driving



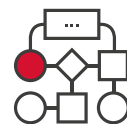
Powertrain
Concept Studies



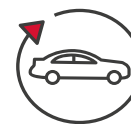
Modularization
Strategies



Mergers &
Acquisitions



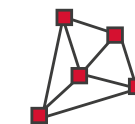
Product Development &
Process Optimization



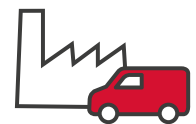
Vehicles &
Lightweight



Smart Cost
Reduction



Manufacturing
4.0



Supply chain
management