



AutoMat: Automotive Big Data Marketplace for Innovative Cross-sectorial Vehicle Data Services

Project Title	Automotive Big Data Marketplace for Innovative Cross-sectorial Vehicle Data Services
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Abstract	
<p>The core intention of the AutoMat project is to establish a novel and open ecosystem in the form of a cross-border Vehicle Big Data Marketplace that leverages currently unused information gathered from a large amount of vehicles from various brands. The interface to the marketplace is derived from a brand-independent Common Vehicle Information Model (CVIM) that makes aggregated vehicle data accessible to cross-sectorial service providers. AutoMat intends to reduce the costs for realizing and providing services based on vehicle data, by achieving the following:</p> <ul style="list-style-type: none"> • Creation of an open ecosystem for provisioning of manufacturer and service provider independent vehicle data • Single point of data access for service providers via the Marketplace • Definition of standardized and open interfaces for unconstrained data access • Specification of the Common Vehicle Information Model (CVIM) data format that enables harmonized, generic vehicle data access • Provision of a broad spectrum of collected data due to different participating OEMs • Definition and prototyping of Vehicle Big Data Marketplace concept as mediator between vehicle data and cross-sectorial service providers • Validation of the AutoMat concept by developing cross-sectorial (non-automotive) example services, e.g.: Meteorological Data based Hyper Local Services and Extended Innovative Enterprise Services • Development, definition and validation of a market business model and its value chain 	
Consortium	

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