

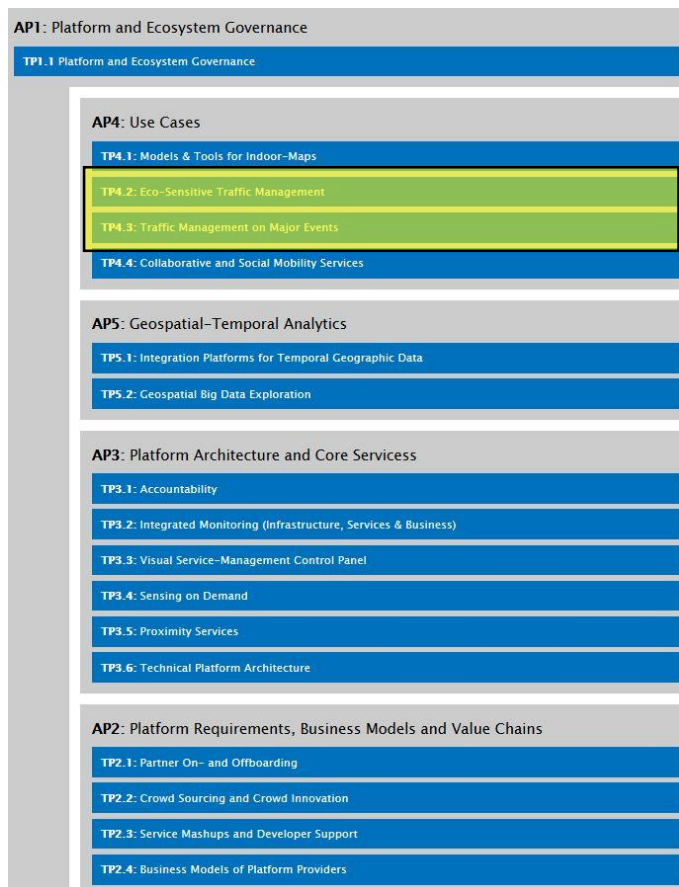
TUM Living Lab Connected Mobility



Project description

The aim of the research project is to deliver innovative contributions regarding the design, the architecture, and the scalable realization of an open, vendor-independent digital mobility platform. The platform will be developed in close cooperation with leading companies and will offer small and medium-sized companies a marketplace to develop and operate digital mobility services with substantial lower financial, organization and technical effort with the option of networking.

The interdisciplinary project TUM Living Lab Connected Mobility is supported by the Free State of Bavaria in support of the digital transformations in the area of smart mobility and smart city and bundles the fields of informatics and transport research.



The Chair of Traffic Engineering and Control of the Technical University of Munich develops two use cases:

Eco-Sensitive Traffic Management: Main objective is dealing with critical emission situations and a proactive protection against high emission levels by implementing short-term traffic management measures.

Traffic Management on Major Events: Main objective is dealing with foreseeable and unforeseeable emergencies or extreme situations by implementing short-term traffic management measures.

Keywords	Dynamic Traffic Management, Connected Mobility, Urban Traffic Control, Traffic Flow Information, Emission Data, Micro-simulation, E-Mobility, Big Data, Big Events
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