

Data marketplace supports advanced mobility

Example road traffic applications

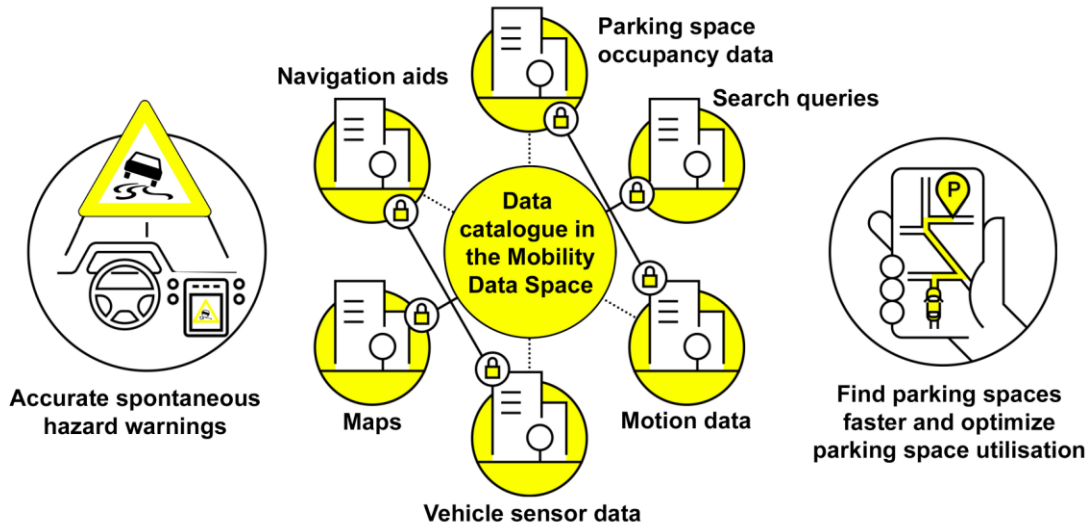


Image source: Mobility Data Space

Online data marketplace supports new business models in the areas of traffic and transportation

The Mobility Data Space: a catalyst for new mobility services

Munich, 22.08.2022. Data is the key enabler for innovation in mobility, helping to improve commuting to work, journeys and transportation. But single-source services can only do so much. Information sourced from multiple organisations is often necessary to deliver value-added mobility services such as multimodal journey planning, optimised parking usage and search, or more accurate early warning systems. The Mobility Data Space (MDS) is a cloud-based data marketplace that brings together data providers with data users and processors.

Data marketplace connects data providers with mobility service providers

The MDS is a digital marketplace for anyone who wants to use mobility data to add value or provide data-based services that contribute to convenient, safe, sustainable, accessible and reliable transportation in urban and rural areas. “The transaction partners decide among themselves who will provide the data, what data they will provide, to whom they will provide it and on what terms of the transaction”, says MDS Managing Director Michael Schäfer. The data as such is transferred peer-to-peer. Schäfer emphasizes that no data is stored in the Mobility Data Space itself: “The MDS provides a catalogue with descriptions of the data on offer. Our online marketplace also allows participants to communicate and interact with each other in a secure environment.”

Mobility Data Space and “Mobilithek” complement each other

The MDS is funded by the Federal Ministry for Digital and Transport and is intended to complement the “Mobilithek” launched in July 2022. While the “Mobilithek” mainly provides access to publicly available, legally required data, the Mobility Data Space is a data marketplace that enables the secure, fair and transparent trading of mobility data without violating proprietary rights. The MDS follows the European data space standard (IDSA), ensuring compatibility with other European data spaces and with Gaia-X. ■



A printable file of the illustration and a portrait of Michael Schäfer can be found [here in the media data space](#).



Michael Schäfer, Managing Director of the Mobility Data Space operating company Datenraum Mobilität GmbH.

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About the Mobility Data Space

The Mobility Data Space (MDS) is a data marketplace where partners in the mobility sector can exchange data autonomously in order to enable and enhance innovative, environmentally and user-friendly mobility concepts. The technical design of the MDS is being implemented in close coordination with European and national initiatives to ensure compatibility with Gaia-X projects and other European data spaces. The Mobility Data Space's operating company – the non-profit organisation DRM Datenraum Mobilität GmbH – grew out of a project initiated by acatech – National Academy of Science and Engineering. The MDS is funded by the Federal Ministry for Digital and Transport.

The company's partners are the Förderverein of acatech – National Academy of Science and Engineering, BMW INTEC Beteiligungs GmbH, Caruso GmbH, Deutsche Bahn AG, Deutsche Post AG, HERE Europe B.V., HUK-COBURG Haftpflicht-Unterstützungs-Kasse kraftfahrender Beamter Deutschlands a.G. in Coburg, Mercedes-Benz AG, Volkswagen Group Info Services AG and the states of North Rhine-Westphalia and Baden-Württemberg.