Press release

**Mobility Data Space at polisMOBILITY 2023, 24-26 May, Cologne,
Hall 01.2, Stand C-030-E-039 (state of North Rhine-Westphalia)**

How data spaces can enhance mobility

Munich, 16.05.2023. The importance of data to new, enhanced mobility solutions and services hasn't escaped Germany's cities and municipalities. They are already harnessing the power of data for urban and infrastructure planning and to optimise traffic management and improve public transport. "But in most cases they are only using their own data", says Mobility Data Space Managing Director Dr. Tobias Miethaner. "Third-party data also has huge potential for enhancing mobility in urban and rural areas." By the same token, local authority data can be extremely valuable to others.

Third-party data helps municipalities solve local problems

At polisMOBILITY (Cologne exhibition and trade centre, 24-26 May 2023), the Mobility Data Space (MDS) will be showcasing how local authorities can benefit from exchanging and trading data. As an online marketplace for mobility-related data, the Mobility Data Space is the ideal place to acquire data. "We are a marketplace where data providers and data users can exchange data voluntarily, on their own, freely agreed terms", says Miethaner. "Cities and municipalities can access data to help with infrastructure planning or adapting public transport services to meet specific needs, for example. This data enables more targeted, cost-effective solutions to a wide variety of problems". He cites several examples that support this claim:

- Analysing hard braking events recorded by vehicle on-board computers can provide insights about where accidents are likely to occur. This information can help with traffic light, road layout and signage planning.
- Vehicle vibration data provides information about bumps and potholes, enabling targeted road maintenance.
- Anonymised, aggregated movement data supplied by mobile network operators can help with bus and rail service timetabling. This information can be used to ensure that exactly the required extra capacity is provided for events or to optimise ridepooling services.
- By collaborating in the expansion of the EV charging network, urban and traffic planners can influence traffic flows and even create incentives to switch to alternative modes of transport.
- Data gathered from vehicles searching for parking spaces can help to optimise parking facilities, provide P+R facilities and reduce traffic and pollution in city centres.

The Mobility Data Space: a marketplace and a community

The one thing common to all of these examples is that they use third-party data – e.g., data from on-board computers or mobile network providers – to optimise traffic and logistics. "But as well as being a platform where local authorities can acquire data to help with their local problems, the Mobility Data Space is also a community. It brings together thought leaders from start-ups and large companies and problem-solvers from industry, the public administration and government", says the MDS Managing Director.

According to Miethaner, a key advantage of the Mobility Data Space is its neutrality. As a non-profit organisation funded by the Federal Ministry for Digital and Transport, the data space operating company DRM Datenraum Mobilität GmbH is entirely impartial. "We do not have to meet any profit targets. Our mission is to contribute to better, safer, climate-friendlier mobility and to the use of data to add value here and in the rest of Europe."

The Mobility Data Space: a neutral, impartial data marketplace

A glance at the list of partners in the Mobility Data Space confirms that it is not tied to any particular mode of transport or technology. The partners include major automotive manufacturers, Deutsche Bahn and Deutsche Post, an insurance company and the states of Baden-Württemberg, Bavaria and North Rhine-Westphalia. The Mobility Data Space's close links to Germany's federal states are also in evidence at polisMOBILITY, where it will be sharing Stand C-030-E-039 in Hall 01.2 with the state of North Rhine-Westphalia.

Panel discussion: How data spaces can add value for our cities

At the EIT Urban Mobility event at 14.30 on 25 May, Mobility Data Space Managing Director Michael Schäfer and other panellists will discuss use cases for data spaces in cities. The discussion will take place in English at the polisMOBILITY openSTAGE.

Panel discussion: A data economy for local authorities

Mobility Data Space Managing Director Michael Schäfer will be one of the panellists discussing strategies for dealing with mobility data at the openSTAGE from 10.30 on 26 May. The discussion will focus on whether data should be made freely available or whether it should be subject to defined ownership and usage rights. The advantages of both options will be explored (in German).

www.mobility-dataspace.eu

Dr. Tobias Miethaner, Mobility Data Space Managing Director

A printable image file is available here.

Michael Schäfer, Mobility Data Space Managing Director

A printable image file is available here.

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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 on their own terms in order to enable and develop 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 the projects of Gaia-X and other European data spaces. The 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 operating company´s partners are the Förderverein of acatech - National Academy of Science and Engineering, BMW INTEC Beteiligungs GmbH, Caruso GmbH, Deutsche Bahn Aktiengesellschaft, Deutsche Post AG, HERE Europe B.V., HUK-COBURG Haftpflicht-Unterstützungs-Kasse kraftfahrender Beamter Deutschlands a.G. in Coburg, Mercedes-Benz AG, VDV eTicket Verwaltungsgesellschaft mbH, Volkswagen Group Info Services AG and the states of Baden-Württemberg, Bavaria and North Rhine-Westphalia.