



Standard press kit for the Mobility Data Space (Datenraum Mobilität GmbH),
January 2023

The Mobility Data Space data marketplace

The Mobility Data Space (MDS) is a secure data marketplace where partners can exchange data on their own terms in order to enable or enhance innovative mobility concepts. Rather than being held by the MDS, the data is exchanged directly between participants so that they can decide for themselves who has access to it and on what terms. To ensure compatibility with other similar data spaces, the technical design of the MDS is based on national and European standards such as Gaia-X and IDSA.

Participants can use the MDS free of charge until 2024. Although a fee will be charged after this date, this will only be to cover costs, since the operating company Datenraum Mobilität GmbH is a non-profit organisation.

To make it easier for users to access the MDS and interact with each other, various service providers offer support with onboarding, operation, networking, legal compliance, etc.

As well as facilitating data exchange, the MDS gives like-minded people the chance to share ideas through its events, forum, and other networking activities.

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Volker Wissing, Federal Minister for Digital and Transport:

„We have two pillars in the mobility sector. The platform ‘Mobilithek’ provides access to publicly available, statutory data.

The second pillar is the Mobility Data Space, a platform that enables the secure and transparent sharing of mobility data without infringing on proprietary rights. The first applications to emerge from this data space include solutions that make it easier to find a parking space, enable enhanced traffic forecasting and help people to choose the best mode of transport for the current weather conditions.“

Source: www.handelsblatt.com, guest commentary, 5 May 2022 „[Wir wollen Daten für innovative Geschäftsmodelle nutzbar machen](#)“
(We want to enable access to data for innovative business models)

Who is the Mobility Data Space for?

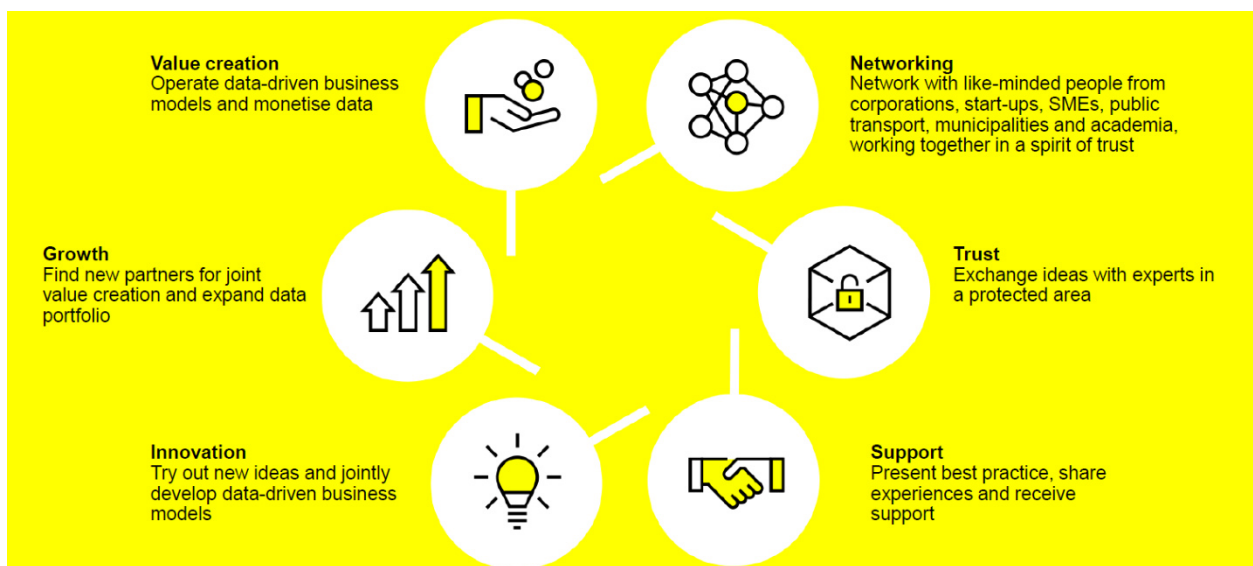
The Mobility Data Space is for anyone who wants to drive innovation in the mobility sector – from start-ups to large corporations and from research institutions to public authorities and government. This includes:

- Vehicle manufacturers and their suppliers
- App developers, vehicle electronics and navigation system suppliers
- Mobility service providers (public transport, rail, shipping, bike and car sharing providers, etc.)
- Logistics service providers, parcel services, etc.
- Local, regional, and central government
- Public utilities and road maintenance services
- Infrastructure companies
- Traffic and urban planners
- Insurance companies
- Meteorological and hazard warning services
- Researchers and scientists
- Fleet and car park operators
- ...



What are the benefits of the Mobility Data Space?

The different participants have access to a wealth of data which, either in joint projects or in the hands of others, has the potential to enable new concepts for tomorrow's mobility. Data providers can monetise their data, while data users and service providers can develop new digital business models that improve mobility for everyone.



The Mobility Data Space vision

The vision of the MDS is seamless, sustainable, and accessible transport and traffic in both urban and rural areas. We want to make commuting, longer journeys, visits to friends and family, shopping trips and goods and parcel delivery

- easier
- safer
- faster
- more reliable
- more affordable
- accessible and non-discriminatory
- environmentally and climate-friendlier.



The Mobility Data Space values

Since the use of data to develop tomorrow's mobility involves a number of challenges, the MDS is committed to observing the following principles:

- Data sovereignty, data protection and maximum data security
- Equal rights for large and small participants
- Promotion of innovation and competition
- Sustainability (in both the “environmental” and the “durability” sense)
- Improving traffic safety
- Promotion of accessibility

Who is behind the Mobility Data Space?

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 and 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 (as of 16 January 2023).

Who are the senior executives of the Mobility Data Space?

The founding Managing Director of DRM Datenraum Mobilität GmbH is Manfred Rauhmeier; its other Managing Directors are Michael Schäfer and Dr. Tobias Miethaner. The Chair of the MDS Supervisory Board is acatech Senate member Karl-Heinz Streibich.



Manfred Rauhmeier, founding Managing Director of Datenraum Mobilität GmbH

When the operating company DRM Datenraum Mobilität GmbH was founded, acatech Managing Director Manfred Rauhmeier took on the role of DRM Managing Director. Rauhmeier is also Managing Director and Member of the Management Board of the acatech Förderverein, member of the Board of Trustees of the acatech Foundation and member of the Advisory Board of the Bavarian Center for Transatlantic Relations.



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Manfred Rauhmeier:

„The Mobility Data Space was established to allow equal partners in the mobility sector to exchange data on their own terms. It is a central element of the German government’s data strategy.“

Image: acatech / D. Ausserhofer

Michael Schäfer, Managing Director of Datenraum Mobilität GmbH

Michael Schäfer has a degree in electrical engineering and over 25 years’ IT industry experience in the fields of industrial automation, image processing, Internet of Things and Industry 4.0.

His most recent roles were as Senior Director Global Competency Center for Business & IT Transformation and Head of IIoT Application Factory at Software AG in Darmstadt. His responsibilities as Managing Director of Datenraum Mobilität GmbH include the operational side of the business and the scaling and technical development of the Mobility Data Space.



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Michael Schäfer:

„Smarter traffic management, better connections between different modes of transport and faster, more comfortable and user-friendlier alternatives to private transport are key to delivering clean, efficient passenger and freight transport. This will provide an enhanced experience for commuters and long-distance travellers and make towns and cities more attractive places to live.“

Dr. Tobias Miethaner, Managing Director of Datenraum Mobilität GmbH, Market & Community

Miethaner holds a doctorate in law and has extensive experience in the field of mobility digitalisation and data. Before taking up his position with the MDS, he spent eight years as Director-General for Digital Connectivity (formerly Digital Society) at the Federal Ministry for Digital and Transport. During his time in this role, he was instrumental in driving forward the “Mobilithek” and Mobility Data Space initiatives and expanding the mobile and broadband networks. His responsibilities as Managing Director of Datenraum Mobilität GmbH include the Market and Community Management departments.



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Dr. Tobias Miethaner:

„The Mobility Data Space is a flagship project that is hugely important to society, not just in terms of the future of mobility but also in terms of promoting German and European data exchange standards.“



Ausgewählte Business Cases

Selected business cases. For more examples, [visit our website](#)



Deutsche Bahn:

Connected mobility during major disruptions

Public broadcasters typically fail to provide public transport users with adequate information about major disruptions to rail services.

Passengers are thus often unaware of the potential impacts on journeys involving multiple modes of transport, making it harder for them to switch to an alternative.

Deutsche Bahn uses the Mobility Data Space to provide information about managed, scheduled major rail service disruptions for dissemination by public broadcasters. This significantly enhances user-friendliness and makes it easier to plan alternative travel arrangements on public transport.



[ui!] Urban Mobility Innovations:

Parking space occupancy information (OptiPark)

For local authorities seeking to reduce the number of vehicles searching for parking spaces and optimise available parking space utilisation, OptiPark by [ui!] supplies real-time parking space occupancy data and forecasts. These can be used to provide better information to car drivers parking their vehicles at Park & Rides or in tourist areas. With the aid of the MDS, the OptiPark solution can access data from sensors on car park barriers and cameras and from other sources such as vehicle sensors. This allows it to provide more accurate real-time occupancy information and forecasts.



CARUSO:

Sustainable use of plug-in hybrid electric motors

The mobility platform operator CARUSO is using telematics data from plug-in hybrid (PHEV) company vehicles to determine how often their electric motors are used.

This helps drivers and fleet managers to understand how sustainable plug-in hybrids actually are in use – for any manufacturer or model. Companies can use the data transmitted via the MDS to develop measures for reducing their fleet’s emissions and fuel costs.



FREE NOW:

Weather-based travel recommendations

Multimodal mobility platform FREE NOW uses weather data from the German Meteorological Service (DWD) to provide app users with real-time information and notifications so they can choose the best transport option. For example, electric scooters and mopeds are best suited to sunny weather, whereas taxis and hire cars are a better option if it’s raining. The real-time weather data obtained by FREE NOW via the MDS provides users with practical, personalised recommendations for getting from A to B.



Printable image files for the MDS can be found [here in the media data space](#)
(image source, unless otherwise stated: DRM Datenraum Mobilität GmbH)

For more information about the MDS, visit <https://mobility-dataspace.eu>

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