

Mobility Data Space Fact Sheet



01 Company purpose

- The Mobility Data Space is a virtual marketplace for the exchange of mobility data (B2B and B2G).
- For this purpose, the MDS provides a data catalogue for searching data offers and an infrastructure for decentralised data exchange.
- Providers and purchasers decide for themselves at any time who can acquire their data, for what purpose and at what price.

02 Governance

The Mobility Data Space is supported by Datenraum Mobilität GmbH, a non-profit company funded by the Federal Ministry for Digital and Transport (BMDV).

03 Shareholders

acatech Foundation • BMW • Federal States Bayern, Baden-Württemberg and NRW • Caruso • Deutsche Bahn • DHL Group • HERE • HUK Coburg • Mercedes-Benz • VDV eTicket GmbH • Volkswagen Aktiengesellschaft

04 Members

Ca. 200 (as of end of March 2024) In addition to the shareholders, among others

- Mobility service providers (e.g. Bolt, FreeNow, ADAC)
- Authorities/government-related companies (e.g. DWD, Autobahn GmbH)
- Communities (e.g. Gelsenkirchen, Hamburg)
- Mobile network providers (e.g. Vodafone)
- Energy sector (e.g. e.on, TenneT)
- Research institutions (e.g. Fraunhofer, KIT)

05 Mode of operation

- In the MDS data catalogue, members offer data or search for the records they need.
- The data remains with the provider. The MDS does not host data. Data is exchanged on a peer-to-peer basis, without the raw data reaching the MDS.
- The inclusion of a data offer in the catalogue does not bind the providers. They decide on a case-by-case basis whether to sell the data to the interested party.
- All members in the MDS network install a connector through which data is transferred. This reduces transaction costs for multi-party deals or relationships.
- All members are authenticated through a secure process.
- The MDS provides sample clauses to facilitate contract negotiations. Automated payment processing is also planned for the future.
- The MDS uses the EDC connector (industry standard) and additionally offers the CaaS - Connector-as-a-Service.
- The MDS assists members find partners or develop use cases.