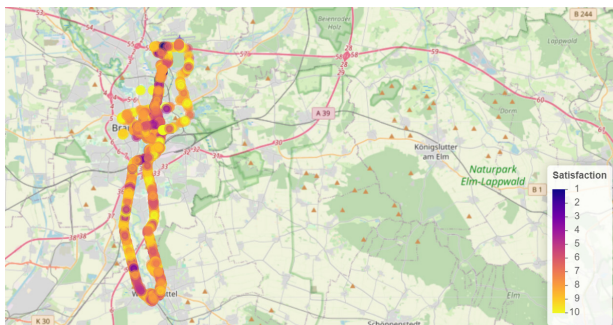


## Development of traveler-centric metrics for evaluating and adaptation mobility services



**Developed for:**

- mobility service providers
- city administrations
- transportation planners
- traveller

Negative experiences with intermodal travel can lead to an increased use of private motorized transport. City planners and transport providers find it difficult to respond to these because experience data is barely collected, let alone available digitally. Methods are therefore needed to collect experience-relevant data, estimate the current experience of travelers and provide operators with corresponding data sets and visualizations.

*TravelExperienceAPI* enables structured access to travelers' experience information so that such information can be related to locations and sections of the transport system. Similar to Google Maps or the German Weather Service, the data can be queried via an Application Programming Interface (API) or displayed in map view for specific routes and sections. The API offers aggregated live data, forecasts and historical data that can be filtered according to various options (e.g. user groups, time of day, means of transport). The vision of *TravelExperienceAPI* is that the service does not stop at the borders of certain municipalities or operators, but is available cross-operator.

**Contact:**

Dr. Klas Ihme  
klas.ihme[at]DLR.de