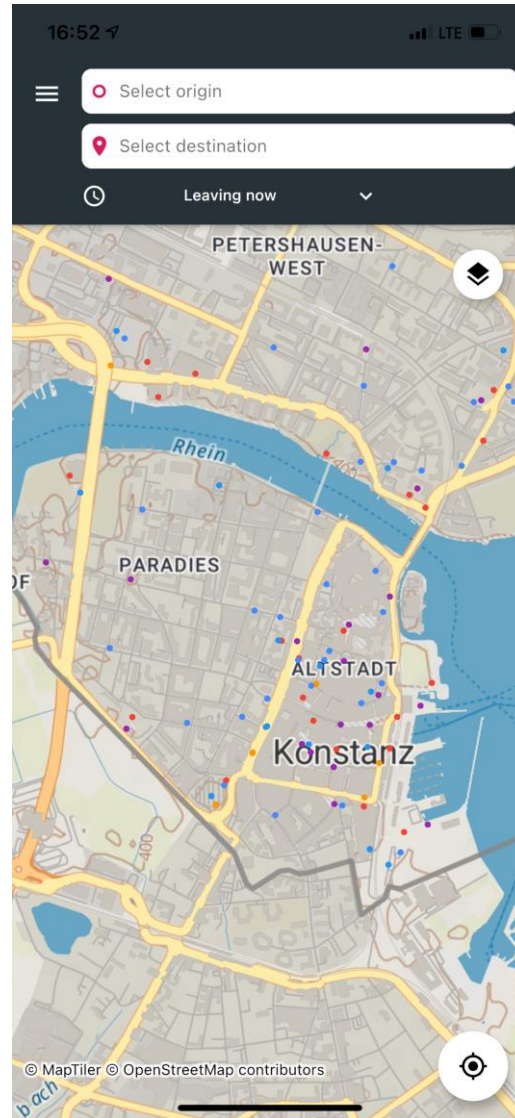


Intermodale Visualisierung





What is the problem?

- Especially at the weekends there is a lot of tourist traffic in the inner city. If people could make an educated decision about which modality to use to go to the inner city (based on time, convenience, Co2 emission, weather, parking space occupation, tariff zone area...) we could reduce car traffic and therefore increase quality of life and sustainability.

Different Target groups have different interests:

- **Visitors** want to have short ways to shopping locations
- **Inhabitants** want to have less traffic in the inner city
- **Council** wants to have visitors in the city but to please their inhabitants as well

What is the goal?

- Decrease individual car traffic (smart routing)
- Show intermodal alternatives
- Use open data to help people make an informed decision which mode of transportation to use
- Encourage open data and usage of open standards where they were not available yet

What did we do?

- Setup of an OTP Server
- Integration of GTFS Data provided by MobiData BW
- Integration of Parking data
- Integration of Parking availability
- Intermodal routing that suggests parking your car outside of the city center -> Park & Ride

Problems we encountered

- Limited Open Data Sets
- Data without standardized format



Results

- Intermodal journey planner prototype
- Traffic in the city center could be reduced
- Improve visibility of public transport offerings

Next steps

- Integration of more data sets
- Improvement of routing capabilities
- Add AI capabilities to look for the best spot to park your car if you want to go shopping (Or depending on what you want to do)
- Integration of the intermodal journey planner and the „MeinKonstanz“ App