S-Bike Supporting Research

Investigation of the interaction of road users before and after the introduction of S-Bike

Project duration:
12. 2025 - 05. 2027

Project Lead:
Martin Loidl (Z_GIS)

Role Z_GIS:
Contractor

Involved staff:
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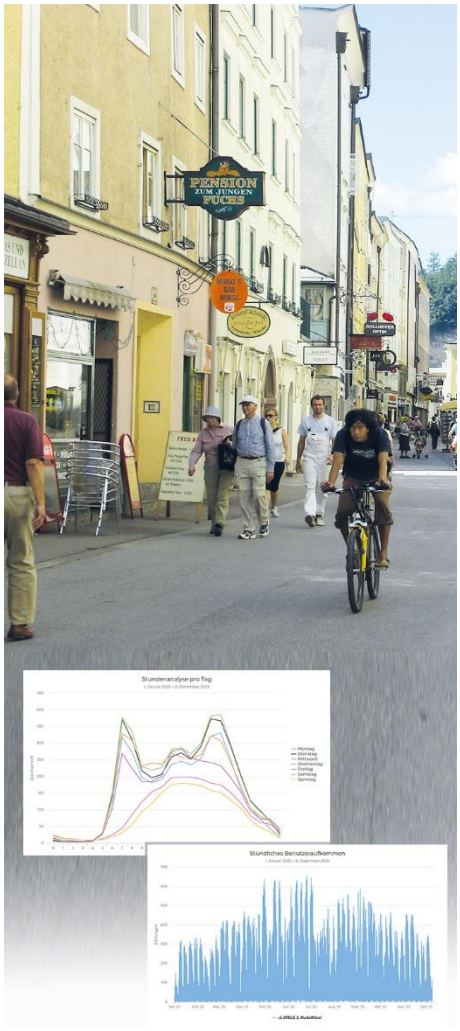
Website:
https://mobilitylab.zgis.at/portfolio/s-bike

Contracting agency: Salzburger Verkehrsverbund GmbH

Initial situation:

Salzburger Verkehrsverbund GmbH (SVV) will introduce a public, comprehensive, station-based bike sharing system (S-Bike) in Salzburg in 2026. It is expected that the introduction of this system will change traffic patterns and lead to further competitive pressure on non-motorised road users. In order to provide a safe mobility system with broad acceptance, interactions at critical points in the city will be systematically examined before and after the introduction of the S-Bike system.



Project goals:

- Development of a study design for the systematic analysis of interactions between road users.
- Data on interactions between road users at 10 locations before and after the introduction of S-Bike.
- Recommendations for ensuring the objective and subjective road safety of all road users.

Expected results:

- Comparable data on the interaction of road users at 10 critical points in urban traffic.
- Analysis results on the situation before and after the introduction of S-Bike in the form of maps and diagrams.

Contribution Z_GIS:

- Study design in collaboration with the contracting authority.
- Data collection and analysis.
- Conclusions regarding objective and subjective perceptions of safety.