



yverkehrsplanung GmbH

Shaping Mobility for the Future.

Wien · Weimar · Graz

www.yverkehrsplanung.de

COMPANY

About yverkehrsplanung

yverkehrsplanung GmbH is an interdisciplinary engineering and planning firm specializing in transportation planning, traffic modeling, and mobility research. We combine scientific expertise with practical planning experience to serve municipalities, public institutions, and private clients.

The focus is on integrating scientific findings into the daily planning process—from empirical data collection and multimodal traffic models to microscopic simulations of individual measures.



Wien

Österreich



Graz

Österreich



Weimar

Deutschland

PROFILE

Skills at a Glance



Mobility Surveys



Active Mobility Concepts



Public Transport



Site Development



Parking Concepts



Mobility Management



Traffic Models



Traffic Simulations



Mobility Research



Mobility Surveys

Empirical surveys of mobility behavior provide a reliable data foundation for planning and modeling. The results are directly incorporated into traffic models, demand forecasts, and the evaluation of measures, thereby laying the groundwork for well-informed, transparent decisions.



Active Mobility Concepts

Strategies for strengthening cycling and walking as the backbone of a sustainable mobility transition. Foot and cycling plans provide strategic guidance for creating safe, connected, and attractive networks that encourage active, everyday mobility.



PROFILE



Public Transport

An analysis of local public transportation services from the perspectives of both users and operators. Based on empirical data and powerful modeling tools, this study demonstrates how a balanced, cost-effective service system is developed—including measures to promote intermodality in order to tap into additional passenger potential.



Site development

Die frühzeitige Einbindung aller Planungsakteure als Grundlage für eine breite Akzeptanz. Im Dialog mit Kommunen, Bauträgern und Bürgern werden tragfähige Kompromisslösungen für die Verkehrsinfrastruktur neuer Standorte erarbeitet – gestützt auf langjährige Erfahrung in der Beratung zur Infrastrukturentwicklung.



PROFILE



Parking Concepts

Concepts for the sustainable and equitable use of space as a finite resource—in both the public and private sectors.

The “ParkingSpaceInsights” (PSI) research project is developing an Austria-wide data platform to monitor the supply and demand for parking spaces.



Mobility Management

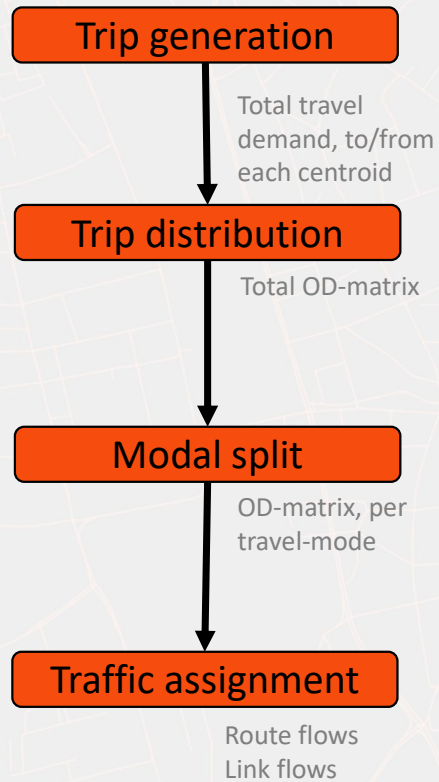
Mobility management concepts for new neighborhoods, businesses, and public institutions.

The goal is to actively guide the mobility behavior of residents, employees, and visitors—in a way that conserves resources and is widely accepted in everyday life.



PROFILE

Traffic Models



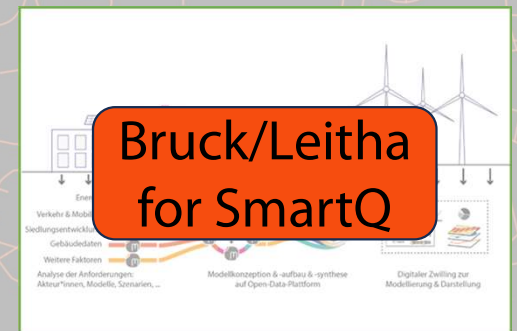
Erfurt, GER



Montafon, AUT



Jena, GER



Bruck/Leitha for SmartQ



Halle, GER



Austria

PROFILE

Traffic simulations

Data basis

Interconnection matrices derived from surveys or traffic models

Calibration

Cross-checking with video analysis and traffic data collection

Simulation

Modeling, including LSA control, public transit, and pedestrian/bicycle traffic

Visualization

Clear presentation to gain acceptance among non-experts



PROFILE

Mobility research

In-house research for better mobility. We investigate what influences mobility behavior and test new approaches in real-world settings together with our partners—so that scientific findings can be quickly incorporated into everyday planning.

Projects



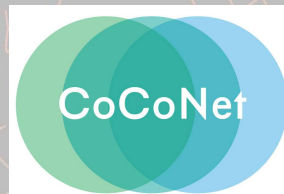
DataScience
4SmartQ



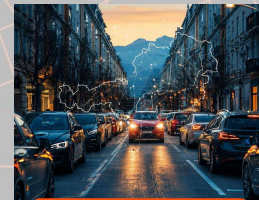
HAF-ALP-TOUR



WalkYourCity



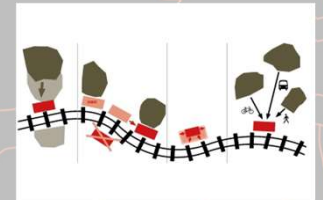
CoCoNet



PSI

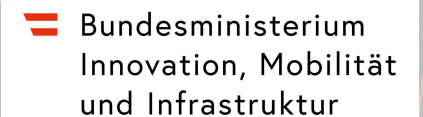


LogiToolkit



BahnRaum

Funding agencies



PROJECT EXAMPLES

Current research projects



ParkingSpaceInsights (PSI)

2024–2026

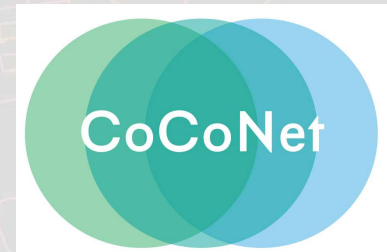
Establishment of an Austria-wide data platform for monitoring parking supply and demand—for a sustainable and equitable use of space as a resource.



HAF-ALP-TOUR

2024–2026

Research on hybrid, automated fleets (HAF) for Alpine tourism regions, including a broad survey on willingness to switch modes of transportation in the Montafon.



CoCoNet

2025–2027

Redefining the allocation of inner-city street space to create a spatially equitable, resilient city—by combining integrated modeling with co-creative planning.

CONTACT

Let's shape the future of mobility.

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We develop innovative and sustainable ideas that meet today's requirements while keeping tomorrow's needs in mind. Together with our clients, we turn visions into reality and create solutions that are not only effective but also environmentally friendly.