

Mission Statement

Lehrstuhl für Siedlungsstruktur und Verkehrsplanung

Chair of Urban Structure and Transport Planning

Department of Mobility Systems Engineering

TUM School of Engineering and Design

Technische Universität München

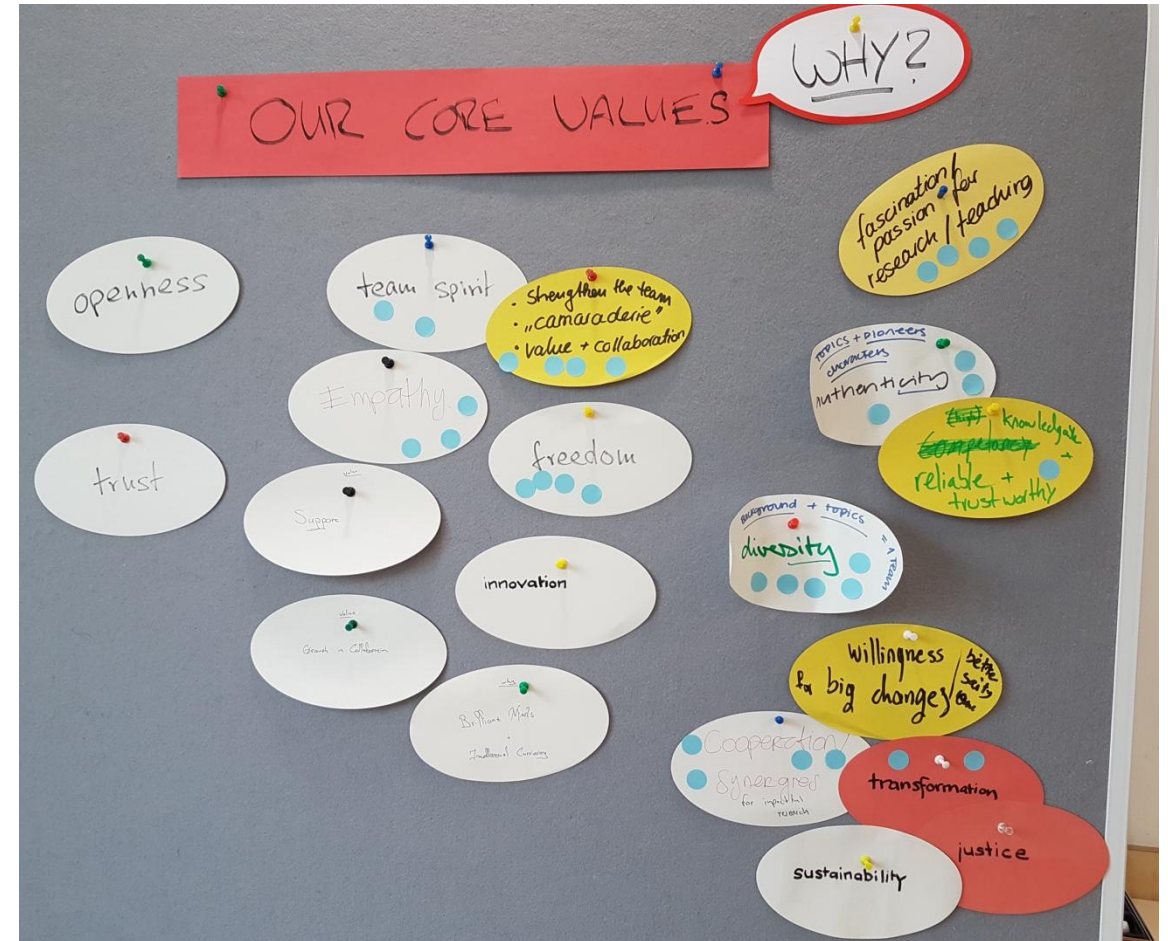
Final Draft,

01.07.2025



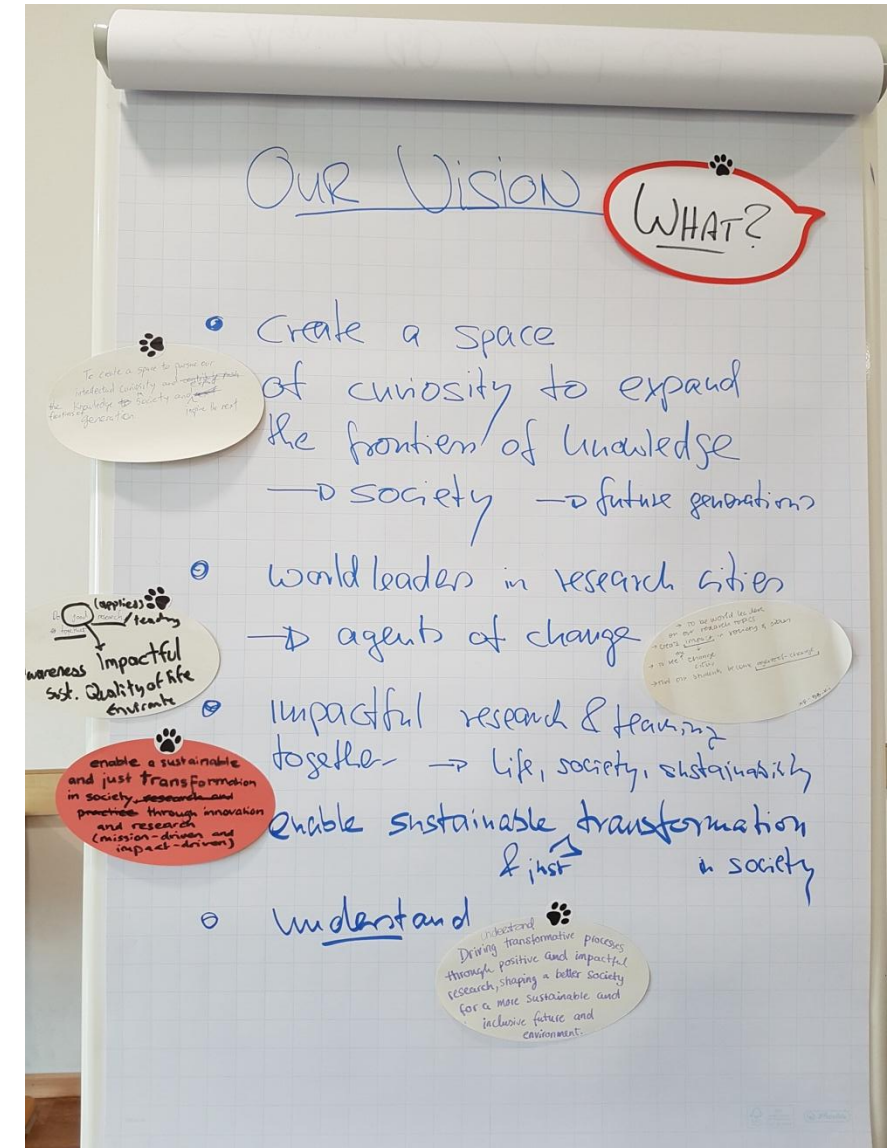
Our core values:

- **Diversity:** Embracing interdisciplinary collaboration creates an inclusive and supportive environment for good team spirit.
- **Freedom:** Empowering authentic inquiry while taking responsibility for the openness of our ideas.
- **Passion:** Expressing our fascination through our research and teaching motivates us to innovate and make a meaningful impact.



Our Vision:

Our vision is to be a **dynamic hub** that **fosters curiosity, pioneering research, and inspiring education** at the intersections of **sustainable x urban x mobility**, while **collaborating in networks** and empowering **experts** to drive meaningful **societal change**.



Key Areas of the Chair of Urban Structure and Transport Planning

Gebhard Wulfhorst

- **Integrated mobility concepts:** Julia Kinigadner

Mobility planning is a cross-sectional task that requires integrated thinking and action. The research group therefore focuses on sustainable and innovative mobility solutions at different spatial scales: urban regions, neighbourhoods, street level.

- **Accessibility Planning:** Benjamin Büttner

The aim is to support integrated land-use and transport planning by means of accessibility – a concept, that has proven to enhance quality of life and sustainability in our cities.

- **Mobility Justice:** David Duran Rodas

The Mobility Justice research group seeks to create awareness of mobility-related injustices, assess them, and work towards their mitigation.

- **Governance:** Carolin Zimmer

The working group is cross-functional and supports different projects with regard to governance processes. Additionally, the group organizes lectures, workshops, and citizens participation and stakeholder cooperation processes.

Evolution of Our Research

Our History

Our work historically focused on **land use and transport interactions** (accessibility, integrated mobility) and **transport planning processes** (mobility plans, evaluations).

Our Present Focus

Based on this experience we currently integrate **sustainable urban development principles**, centering on people and the environment. Our research covers e.g. **governance, mobility management, full cost evaluation, and participatory methods**. We explore **integrated transport concepts and proximity-centered accessibility** (e.g., 15-minute city), alongside **street experimentation, urban green infrastructure, and public space**. A **human-centered approach** considering justice, equity, diversity, and individual needs guides our work.

Our Future Direction

Looking ahead, we're expanding to **systemic change processes** that transform the urban agenda. Future research will emphasize **policies and strategies based on experimentation, application, evaluation, and transferability**, combining **good governance, integrated mobility, accessibility planning, and mobility justice**. This will involve **participatory and co-creation processes** with community engagement and policy alignment, expanding into e.g. **pricing strategies, inclusion, social justice, empowerment, activism, and links between mobility, leisure, and health**.

Teaching Mission

We provide **up-to-date teaching** that integrates real-world problems and promotes interdisciplinary, competence-based learning.

Students are central to our mission – actively engaged in research, project work, and **personal development** through innovative, interactive formats.

We prioritize our role as **mentors to the next generation** of researchers and practitioners.

We emphasize clear **communication**, fair and transparent assessment by regular evaluation.

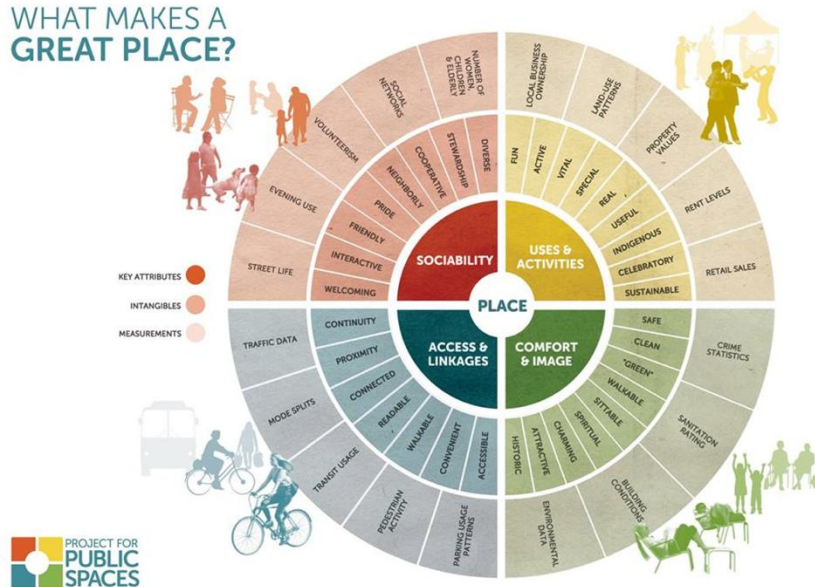
Education is our key mode of engagement, fostering **independent, critical thinking and mutual learning**.



Seminar
“Public transport as urban generator”
(Photo: Benjamin Büttner)

Research Mission

WHAT MAKES A
GREAT PLACE?



The Place Diagram (Source: www.pps.org)

- We are shaping the **future of urban mobility systems**. We conduct **cutting-edge research** aligned with the Sustainable Development Goals, combining global perspectives with local and regional case studies.
- We aim to **drive societal transformation** through user centric methods and empower communities towards a more sustainable, inclusive future.
- Our work emphasizes integrity, transparency, and collaboration across **scientific communities**. We foster long-term partnerships, support PhD development, impactful publications, and turn real-world challenges into research opportunities.

Networking Mission

- We promote **sustainable urban mobility** by advising practitioners and engaging in political discourse.
- As part of TUM's School of Engineering and Design and the TUM.Mobility platform, we foster strong internal cooperation and **cross-disciplinary networking**.
- We prioritize openness, transparency, and collaboration across sectors and cultures by building a strong **Munich-based network** and radiating out to EU and the globe.
- We disseminate awareness of our research through international events and publications that **connect theory with practice** through collaboration with citizens, cities, and industry.



mobil.TUM 2018: Shaping Urban Mobility – Together. Photo: Maximilian Pfertner)

Management Mission

- To create an **interdisciplinary team** spanning mobility, planning, engineering, economics, and politics, committed to **open communication, collaboration, and continuous learning and personal development**.
- To provide **clear structures, defined roles, and transparent processes**, supported by regular feedback, review and reflection.
- With a focus on strategic planning, participatory approaches, and smart resource management, we aim to **grow together** and move towards a shared vision – powered by collaboration and solid, balanced finances that enable **opportunities** for us.



Conclusions and Outlook

Our motivation:

We create **value for society**.

We accept the need of economic sustainability,
but want to go beyond individual utility maximisation!

We build on a successful development in the past,
and take the **challenge of questions of the future**.

We remain open to experiments, new topics and ideas.

We are creative, aiming at **innovations that make sense for society**.

We evaluate the process and want to **implement** ideas for real impact.

We are a hub, a meeting point for diversity in collaboration and a milestone in individual curricula.

We stay open!

