

## Project

# Mobility Trends in Cutting Edge Cities

---

## Background

Urban agglomerations around the world set the pace in initiating transformation and many new trends evolve in mega cities. Particularly in densely populated inner-city districts, multimodal travel patterns are more and more common, paving the way for the rapidly-growing use of public transport and cycling. In contrast, private car traffic is still continuing to grow further out in the urban sprawl. This development is backed by a change in the conditions that influence travel behavior: In downtown areas, cycling infrastructure is being expanded and new and innovative mobility options such as free-floating car sharing or public bicycle rental schemes are becoming ever more available. Also, public transport is providing a better service with shorter headways that reduce waiting time and higher quality vehicles that enhance the overall experience. Furthermore, information and communication technology enables users to receive real-time traffic information for different modes of transport, and regulative measures like congestion charges or parking management are becoming more widespread.

The “Mobility Trends in Cutting Edge Cities” project will focus on these latest mobility trends and their underlying driving forces. In selected cities like Vienna, Paris or Singapore, we will give a breakdown of mobility trends and developments that have occurred in recent years. The underlying drivers that led to these developments will then be identified. Finally, we will outline upcoming developments of urban mobility to look out for in future.

## Project partner

Deutsches Zentrum für Luft- und Raumfahrt  
Institute of Transport Research  
Dr.-Ing. habil. Dirk Heinrichs

