# SmartTransitFleetplanner

powered by MoDa


DLR

SmartTransit
Fleetplanner

DLR.de

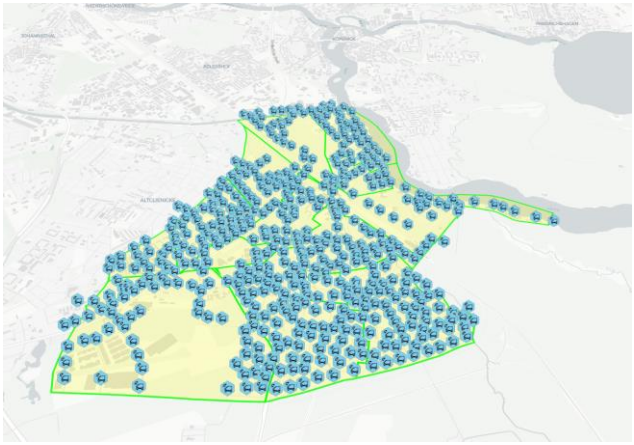
# SmartTransitFleetplanner

Data-driven simulation and scenario analysis for the integration of autonomous on-demand fleets into public transport

he integration of autonomous fleets into existing public transport systems is crucial, in order to make the transport sector sustainable and to meet the growing challenges in terms of mobility requirements and technological developments.

The Service *SmartTransitFleetplanner (STF)* is a data- and model-based tool. It enables the efficient planning and integration of on-demand autonomous vehicles into public transport networks. The focus is on integration in peripheral and poorly connected public transport areas in order to improve the accessibility.

By simulating different scenarios, stakeholders such as fleet operators, users and city administrations can analyze future developments using relevant key performance indicators (KPIs). These simulation-based insights support data-driven decision-making and make a significant contribution to the mobility transition. *STF* thus enables goal-oriented planning that promotes the sustainable and efficient integration of autonomous vehicles into existing transport systems and paves the way for a connected, future-proof public transport system.



**Developed for:**

- Users
- Fleet operators
- Transport planners
- Policy makers
- Research and development

SmartTransit Fleetplanner

The German Aerospace Center (DLR)
Pradeep Burla - pradeep.burla[at]DLR.de

DLR.de