
Photo credit: POSITIM consortium, STRAVA

VERA – Shift effects of cycling facilities

Project duration:
11. 2022 - 10. 2024

Project Lead:
Martin Loidl (Z_GIS)

Role Z_GIS:
Project lead

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Contracting agency: FFG „DACH-Verkehrsinfrastrukturforschung“ (FFG Project No. FO999897371)

Initial situation:

Successful cycling promotion ultimately depends on high-quality facilities. In order to increase the modal share of cycling in the German speaking countries the existing cycling network has to be substantially improved with regard to quality and connectivity. The effect of such interventions can hardly ever be sharply determined, due to numerous inter-dependencies, rebound effects and correlations. Hence, it is difficult to measure the contribution of single interventions to mode shifts. Against this backdrop it is necessary to consider potential co-factors in the estimation of expected effects. This should enable an optimal use of financial resources for an effective and efficient mode shift towards cycling.


Photo credit: Thomas Riese (POSITIM consortium)

Project goals:

- Identification of decisive factors on mode- and route-choice
- Modeling the range of expected effects based on data from counting stations and trajectories
- Design and evaluation of a guideline for applying the developed approach in real world scenarios

Expected results:

- Study on shift effects of cycling facilities.

Contribution Z_GIS:

- Project coordination
- Literature review
- Analysis of trajectories
- Coordination of evaluation study

Partners:

Auftraggeber: