On-Demand – On-Demand planning tool for public mobility offers

Project duration:
09. 2020 - 04. 2023

Project Lead:
Martin Loidl (Z_GIS)

Role Z_GIS:
Scientific partner

Involved staff:
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Contact:
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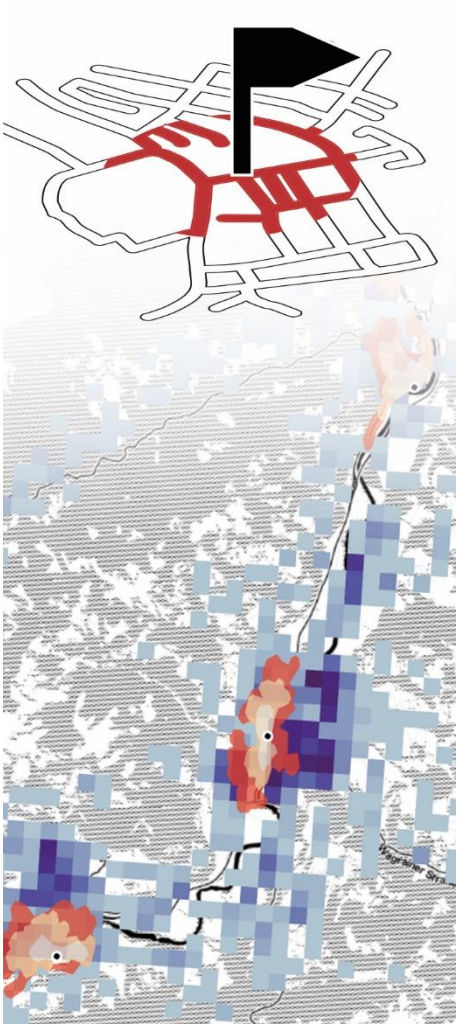
Webseite:
https://mobilitylab.zgis.at/portfolio/ondemand

Contracting party: triply GmbH

Initial situation:

triply develops software solutions for a better understanding of mobility systems and for planning optimized transport offers. In a next expansion step, the company seeks to complement the existing capabilities with a tool for planning demand-oriented mobility concepts. This should be based exclusively on data-driven, automated processes for planning and coordination. The primary application areas of this extension are rural, rather underserved areas.
The research and development components of this project will be implemented together with partner from academia and industry: RSA iSpace research studio, Cloudflight Austria GmbH, Hutchinson Drei Austria GmbH and the Austrian Federal Railways (ÖBB).



Project goals:

- Development of a web application for location-based mobility analysis.
- Creation of regionalized demand models for various traffic modes.
- Transfer of developed algorithms, models and analyzes to other application domains (e.g. real estate market).

Expected results:

- Prototypical web application.

Contribution Z_GIS:

- Data analysis and development of a data concept.
- Development of a spatially differentiated mobility demand model.
- Design of models for potential users, taking into account the spatial environment.