



## GISMÖ – Gesundheitseffektives Routing

**Project duration:**  
06. 2022 - 12. 2022

**Involved staff:**  
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**Role Z\_GIS:**  
Wissenschaftliche Beratung

**Website:**  
<https://mobilitylab.zgis.at/portfolio/gismoe>

**Funding | contracting agency:** Austrian Energy Agency – Österreichische Energieagentur

### Initial situation:

In previous research projects, the foundations were laid for a web-based journey planner that optimizes routes in terms of travel time efficiency and potential health effects. These research results will be implemented in a free web service hosted by the Austrian Energy Agency (klimaaktiv mobil). This implementation will be supported scientifically to facilitate the transfer of know-how and the quality of the result.

### Project goals:

- Supporting the transfer from research projects into application.
- Operational implementation of a public, web-based journey planning service with healthy routing logic. The service is based on the Austrian Traffic Information (VAO).
- Promotion of active, healthy mobility in Austria.

### Expected results:

- Implementation of Healthy Routing algorithm.
- Calculation of energy turnover (MET-min) for each optimized route.
- Adequate presentation of health effects.

### Contribution Z\_GIS:

- Development and transfer of Healthy Routing algorithm.
- Calculation MET-min per trip.
- Calculation of health effects for each route.
- Communication strategy for health effects.
- Scientific consultancy and coordination.

Project partner: Trafficon - Traffic Consultants GmbH (contractor AEA)

