UIRS Accessibility Atlas is an online tool designed for transport and spatial planners. The tool consists of two elements. The first enables users to choose any location in Slovenia and calculate time-based isochrones or plan a trip between selected origins and destinations. The second is an online map displaying accessibility information for different locations. The accessibility metrics are calculated in advance, which enables more complex calculations than real time.

**PLANNING APPROACHES**

**Intended user group:** Traffic and spatial planners in municipalities, Ministry of the environment and spatial planning, Ministry of infrastructure

**Tool benefits:** Gain an understanding of accessibility with different modes of transport, Identify options for public transport improvements or new land developments

**Main functions:** Backend: Batch analyses without a graphical user interface, which can be exported to GIS or SQL databases, Online tool: Calculate isochrones for selected locations and modes / List of accessibility indicators

**Tool format:** Backend based on OpenTripPlanner, Online tool / Batch analyses on a PC

**TOOL FUNCTIONS**

**Analyzed transport modes:** Private Car, Cycling, Public Transport, Walking

**Type of output:** Comparison of alternatives, Map-based results, Location assessment

**Output format:** Tables, Numerical, Maps

**Spatial unit of detail:** From local to national level

**Applicable coverage area:** Country

**TOOL UTILIZATION**

**Required skills:** Online tool: easy to use, Batch analyses: expert knowledge required

**Required hardware, software and operating system:** Internet browser

**Required input data:** Online tool: no data needed
EVALUATION OF THE TOOL WITH THE FINAL USER

UIRS Accessibility Atlas
Simon Koblar (Urban Planning Institute of the Republic of Slovenia)

USER-FRIENDLINESS

- The tool is easy to use
- My organization has the required skills to use the tool
- The tool strikes a good balance between scientific rigour and practical usability
- It is easy to understand the input data, assumptions and calculations behind the tool
- I do not feel I need to understand the input data, assumptions and calculations behind the tool to use it effectively
- The tool outputs are understandable and easy to interpret
- The tool performs at a sufficient speed for real time adaptations

USEFULNESS

- The tool outputs are valuable in supporting interaction and discussion amongst stakeholders
- The tool outputs are valuable in developing strategies
- The tool outputs can be communicated effectively to non-expert decision makers
- The level of detail (spatial extent) of the tool corresponds to the problem under discussion
- I have confidence in the soundness and quality of the tool outputs
- My expectations of the tool before the workshop were met
- I would like to have access to the tool for future use