MobicosTER is an adaptation of the Mobicost tool developed in the MO-RECO project framework. MobicosTER uses the Mobicost computation core with a statistical approach in order to estimate household cost and CO2 emissions cost for all the commuters of a given area, depending on the current or foreseen mobility behavior.

**PLANNING APPROACHES**

**Intended user group:** Transportation and land planners, Local stakeholders  
**Tool benefits:** Awareness raising on the cost of mobility / commuting, leading to new perspectives of the cost of public transport versus the cost of owning a car  
**Main functions:** Analysis of commuters’ travel structure by distance, zone, CO2 emissions or mobility costs, Simulation of the savings of a measure in real time  
**Tool format:** Spreadsheet (e.g. MS Excel)

**TOOL FUNCTIONS**

**Type of emissions addressed:** CO2  
**Analyzed transport modes:** Private Car  
**Type of output:** Mobility costs, Emission estimation, Comparison of alternatives, Map-based results, Specific recommendations  
**Output format:** Pictures, Diagrams, Tables, Numerical, Maps  
**Spatial unit of detail:** Region, Municipality, Corridor  
**Applicable coverage area:** State / Province, Metropolitan area

**TOOL UTILIZATION**

**Required skills:** Cost estimation: High knowledge in programming, Data analysis: Good knowledge of statistics and GIS  
**Required hardware, software and operating system:** Spreadsheet (e.g. MS Excel)  
**Required input data:** Road network and travel costs, Cf diapo 8 (only for simulation-oriented use)
EVALUATION OF THE TOOL WITH THE FINAL USER

MobicosTER
Grégoire Feyt & Valentin Ravier (University Grenoble-Alpes)

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