InViTo – Interactive Visualization Tool

Matteo Tabasso, SiTI Higher Institute on Territorial Systems For innovation, Italy
(matteo.tabasso@siti.polito.it)

1. PLANNING CONTEXT

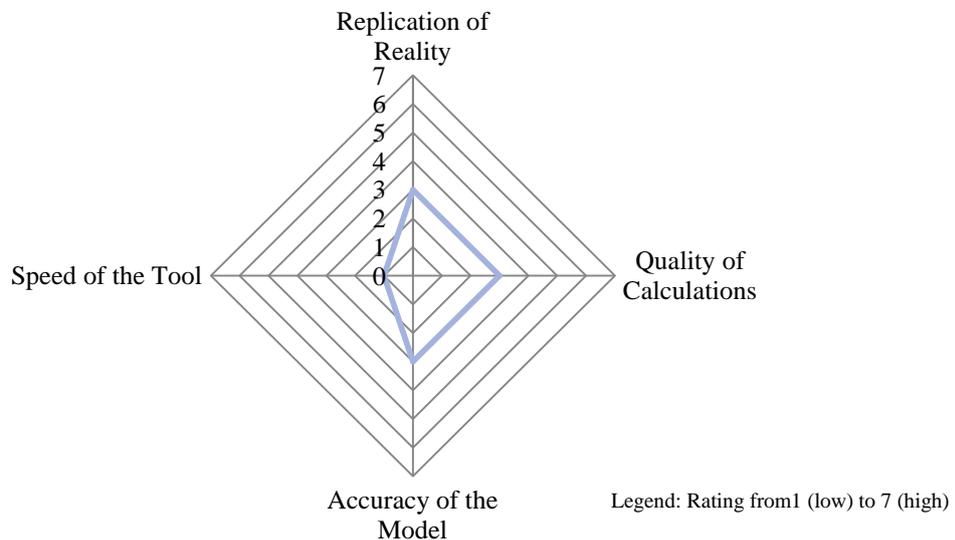|	
Geographical Scale	Supra-Municipal Municipal Neighbourhood
Status:	In development
Planning Process:	Formal and informal planning processses

2. PLANNING GOALS

Public Stakeholder Goals:	How to decide on the location od residences/ activities/ services
Private Investors Concerns:	Where to locate business Where o invest in real estate Where and how to develop public transport services
Main Individual Goals:	Choosing household location

3. CHARACTERISTICS OF THE INSTRUMENT

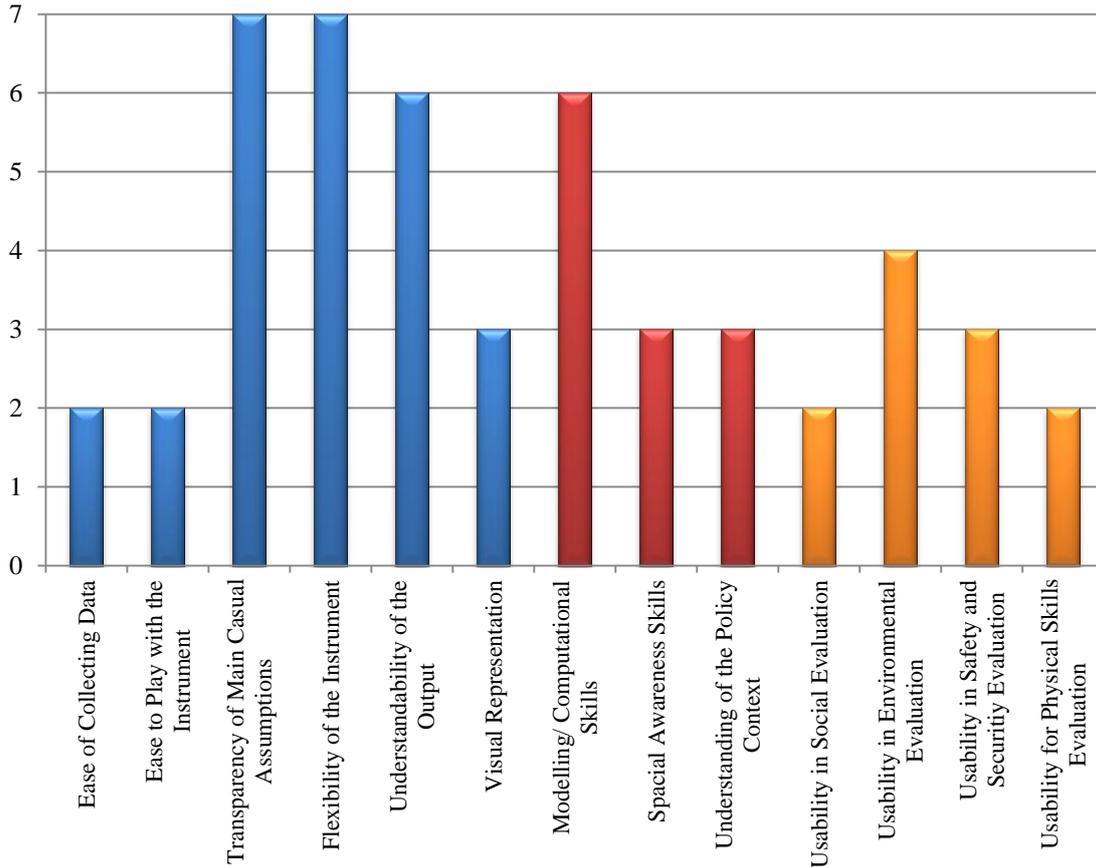|	
Decision Support Task:	Strategic planning support tool
Accessibility Measure Tradition:	Time-space measures
Components:	Some accessibility components (Don't know yet which)
Level of Spatial Aggregation:	Urban parcels Plots; Buildings; Transportation terminal/ hubs Road centre lines Blocks
Level of Socio-economic Disaggregation:	None/ aggregate measure
Level of Temporal Disaggregation:	None / aggregate measure
Transport Modes:	Waling; Car
Purposes/ Opportunities:	No purpose/ Not applicable

How the Instrument Replicate Reality

Legend: Rating from1 (low) to 7 (high)

4. END-USERS AND HOW THEY USE THE TOOL

■ Ease for Practitioners to Use the Instrument   ■ Knowledge and Skills Required   ■ Usability to Understand the Quality and Experience of Travel

Legend: Rating from 1 (low) to 7 (high)

Chart (Rating from 1 to 7):

Category	Value
Ease of Collecting Data	2
Ease to Play with the Instrument	2
Transparency of Main Casual Assumptions	7
Flexibility of the Instrument	7
Understandability of the Output	6
Visual Representation	3
Modelling/ Computational Skills	6
Spacial Awareness Skills	3
Understanding of the Policy Context	3
Usability in Social Evaluation	2
Usability in Environmental Evaluation	4
Usability in Safety and Security Evaluation	3
Usability for Physical Skills Evaluation	2

Potential Users:	Spatial/ Urban Planners Transport Planners Politicians Retailers Citizens Developers/ Researcher
Interpretable Units Used:	Distances in time (minutes) and space (meters)
Intended Use to Connect Service Users and Providers:	Tool to monitor consistency of perceptions/ expectations between providers, users and suppliers
Intended Role in Urban Planning:	To create new insights To support strategy/ option generation To support strategy/ option selection To support integration of urban planning perspectives
Institutional Issues Blocking Effectiveness :	Separate urban and transport planning institutions Data availability Political commitment