



METPEX

Deliverable 6.3

SPECIFICATION OF THE METHOD FOR CLASSIFICATION OF LAND USE TYPES IN CONNECTION WITH ACCESSIBILITY

Publishable summary

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WEBSITE

WWW.METPEX.EU

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Purpose and methodology

Goals:

1. To fill research gaps regarding the relationship between land use and accessibility of public transport (identified in Deliverable 6.2) and;
2. To explore the relevance of accessibility issues to the overall travel satisfaction of public transport users

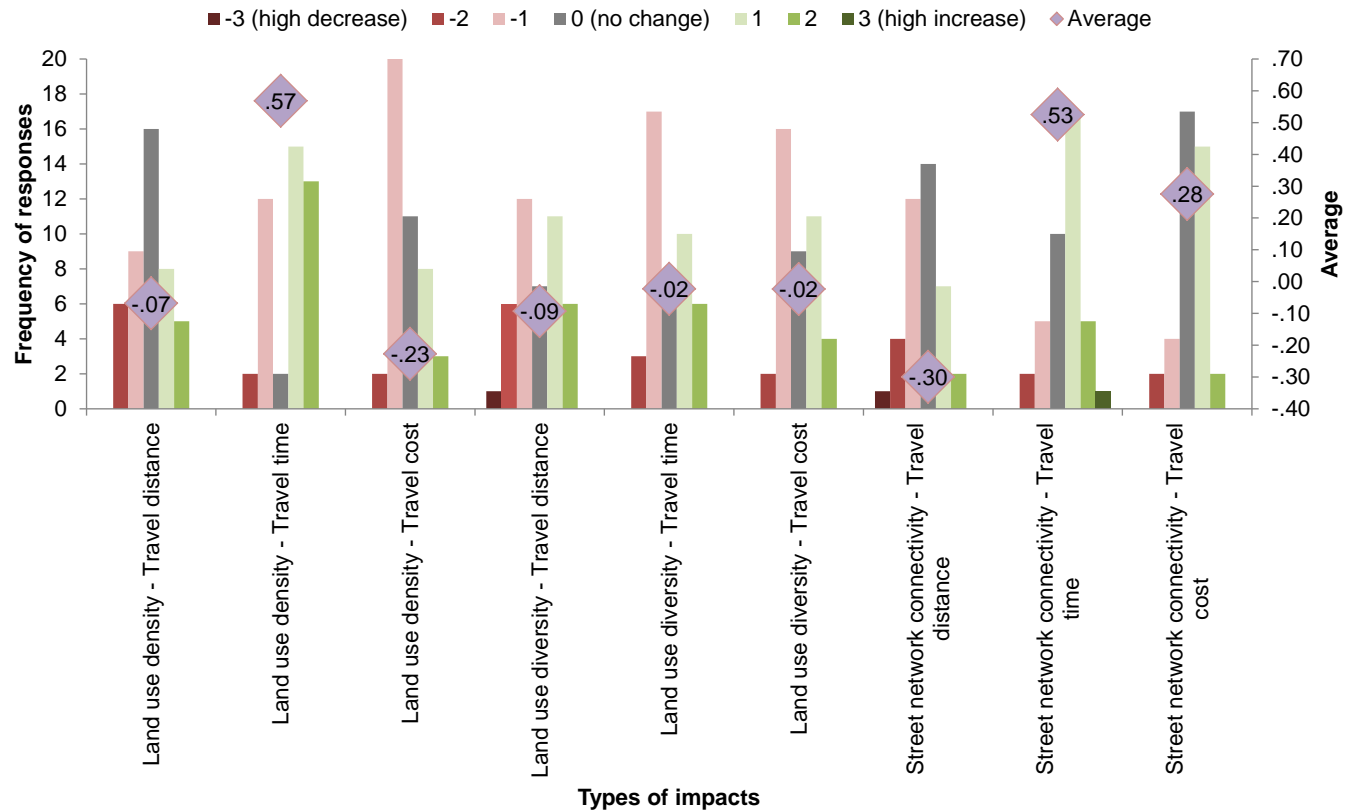
Methodology: Expert survey that collected the opinion of researchers, consultants and technicians of public authorities and public transport companies. 44 stakeholders participated in the survey

Structure

- Section 1 introduces the field of study
- Section 2 includes a state of the art of the connections between land use, accessibility and travellers' satisfaction.
- Section 3 describes the methodology as well as the results of the expert survey.
- Section 4 summarizes the most relevant findings of the deliverable and their implications.

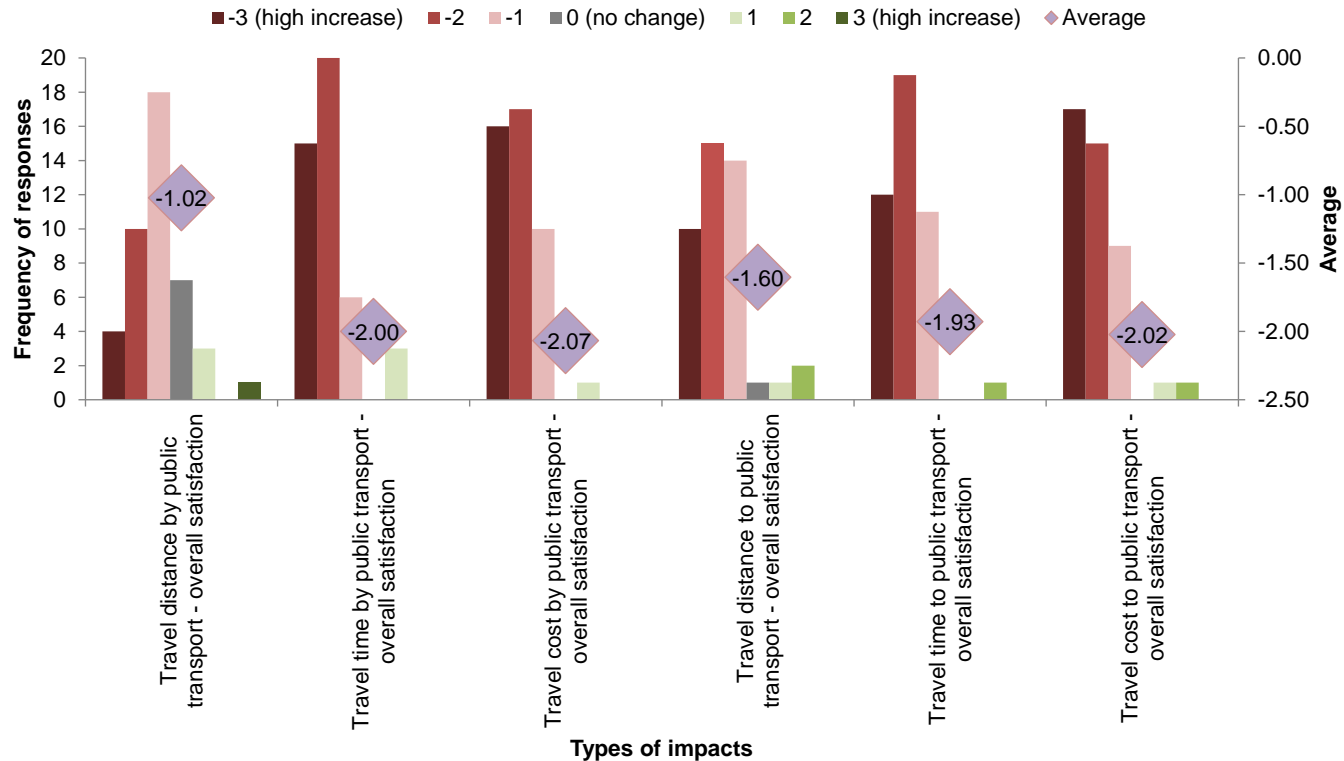
Results

Changes in accessibility variables as a result of an increase in land use variables



Results

Changes in overall satisfaction as result of an increase in accessibility variables



Implication

High satisfaction				
Land use features		Impact on accessibility by public transport		
Variables (indicators)	Notes	Affected variables that contribute to increase satisfaction		
Low street network connectivity (4-way intersection density)	Counter effect on travel distance		Short travel time	Low travel cost
Low land use density (population density)	Counter effect on travel distance and cost		Short travel time	
High land use diversity (mix residential-job)	Lower impact size	Short travel distance	Short travel time	Low travel cost