

The Role of Transportation Networks in Advancing Inclusive Mobility Goals



Social participation often depends on regional and local mobility networks. Whether using public transportation, a private car, bicycle, or special services for people who are differently abled, people's social participation is often directly tied to their ability to access the transportation networks that connect them with work, education, healthcare, shopping, recreation, and social events. Policy measures are often directed towards improving connectivity for people who may face barriers to social participation, such as low-income people, seniors, or people who are differently abled. Creating effective policy measures requires an understanding of the strengths and weaknesses of different transportation networks in connecting people with where they want to go when they want to be there. This thesis project would evaluate that connectivity across different transportation networks.

Project Background

This thesis would be a part of a three year research project on inclusive mobility funded by the Amsterdam Transport Region. The Amsterdam Transport Region makes significant annual investments in the regional transportation networks and would like to know more about the role of these networks in improving accessibility for target groups. The research could potentially contribute to how the transport region invests in these networks. This thesis would contribute to the final year of the inclusive mobility research project with the student presenting their results to the transport region upon completion of their thesis.

Candidate Background

The student should have an interest in inclusive mobility policies and be working towards a degree in either the Transport, Infrastructure and Logistics master's program or the Traffic and Transport Engineering master's program.

Research Group

Smart Public Transport Lab at T&P, in collaboration with the research project Advancing Socially Inclusive Mobility in the Amsterdam Transport Region

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