

Propositions

attached to the thesis

The Search for Alternatives to Private Vehicles

**The multi-perspective investigation of transportation mode choice preference
based on policy, ICT development, and psychology**

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I

To effectively influence people's transportation mode decisions in a sharing economy context requires an understanding of the systemic impact of transport policies, commuters' behaviour, and the characteristics of these shared transportation services.

(This thesis)

II

The effect of abrupt car-specific policy changes, such as the discontinuation of highoccupancy vehicle restrictions, is not only observed in the change of car usage, but will also spillover to the use of public transportation services.

(Chapter 2)

III

The substantive presence of potential suppliers, who are durable goods owners at the same time, will determine whether the emergence of access-based consumption replaces or rather induces ownership-based consumption of durable goods

(Chapter 3)

IV

A higher individual psychological sense of ownership to one's vehicle, regardless of legal ownership status, makes an individual less likely to use alternative transportation modes, even if using these alternatives is objectively superior to using one's vehicles.

(Chapter 4)

V

When making daily commuting choices, a discrepancy between the provided information and previous travel experience makes people stick to their previous transportation option

(Chapter 5)

VI

At its core, the problem of initiating efforts to combat environmental degradation is a free-rider problem.

VII

The growth of sharing economy transportation services is driven by travellers' demand for convenient and competitively-priced services

VIII

Information and communication technology advancements contribute to efficiency improvements of the transportation system

IX

Understanding human psychology is one of the key success factors for the implementation of policies governing socio-technical systems, such that without a consideration of individual psychological disposition, policies may fail to bring the desired change

X

When working on one's research, one must always consider that the devil is in the details.

XI

Life's journey is like a trip in the transportation mode of our choice. While in the end we will reach our destination, it is critical to have a journey that fits our preference and to be considerate to co-users of the system.