

The role of data in sustainable urban mobility policy

Citation for published version (APA):

Liu, X. (2023). *The role of data in sustainable urban mobility policy*. [Doctoral Thesis, Maastricht University]. Maastricht University. <https://doi.org/10.26481/dis.20231127xl>

Document status and date:

Published: 01/01/2023

DOI:

[10.26481/dis.20231127xl](https://doi.org/10.26481/dis.20231127xl)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

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Propositions belonging to the dissertation

The Role of Data in Sustainable Urban Mobility Policy

By Xu Liu

1. Institutionalizing multi-level cooperation and transforming the national transport funding focus from infrastructure to broader mobility can help to facilitate sustainable urban mobility transitions through multi-level governance. (This thesis)
2. There is not a mere shift from surveys, statistics data use to big data in urban mobility policymaking. (This thesis)
3. Survey data can still play a significant role in urban mobility planning by providing more insights in the 'why' of traveller behaviours. (This thesis)
4. Promoting sustainable mobility is a strong driving force for the local governments to enhance data use. (This thesis)
5. The use of data in sustainable urban mobility policymaking differs in policy cycles - data is stronger in the short cycle whilst having a less central role in the long cycle. (This thesis)
6. GIS-based transport models are currently considered useful to support European urban mobility planning, but there are still a large number of cities lack of knowledge and capacity to use such tools. (This thesis)
7. Integrating more information about accessibility, social aspects, and the environment are the three main domains needed to be advanced in GIS model developments for sustainable transport planning. (This thesis)
8. More data can tell you more parts of the truth but more (big) data does not always contribute to better policymaking.
9. Everything can produce data but data cannot provide everything.
10. "When I choose to see the good side of things, I'm not being naive. It is strategic and necessary. It is how I learned to survive through everything." - <Everything Everywhere All At Once>