

# Enhancing Urban Mobility: Integrating Ride-Sharing and Public Transit

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## Why did we select this research?

Potential benefits of ride-sharing and ride-matching technology.

## Key findings:

- Integrating ride-sharing system and public transit system have the potential to significantly enhance mobility, increase the use of public transport. Consequently, reduction of the negative externalities associated with car travel.
- Driver willingness to pick up and drop off more than one rider is a critical issue when it comes to the system performance. Need for further options so to facilitate (or even stimulate) the driver to pick up more than one passenger.

## References

Stiglic, M., Agatz, N., Savelsbergh, M., & Gradisar, M. (2018). Enhancing urban mobility: Integrating ride-sharing and public transit. *Computers & Operations Research*, *90*, 12-21.

<https://www.sciencedirect.com/science/article/pii/S0305054817302228>.

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