Shared Mobility Architecture 101

Additional Resources

PLANNING
SMCI: framework to assess cities. Data for 20 North American Cities https://movmi.net/product/shared-mobility-city-index-smci-2019/
CARSHARE
Carsharing policy reviews: https://movmi.net/product/five-foundational-carsharing-policies-for-any-city-2020/ https://kelownapublishing.escribemeetings.com/filestream.ashx?DocumentId=8487 https://sustain.ubc.ca/sites/default/files/2018-56b%20Supporting%20Carshare%20North%20American%20Parking%20Policies_Lempert.pdf http://stars-h2020.eu/wp-content/uploads/2020/02/Luisiana-Paganelli-Governance-for-car-sharing-Bremen-13feb2020.pdf Carshare Operations:: https://movmi.net/product/movmis-carsharing-handbook-2017/ https://movmi.net/product/4-concepts-to-help-solve-the-relocation-problem/ Carshare Technology: https://movmi.net/product/carsharing-technology-selecting-a-carshare-technology-vendor/ Carshare Financials: https://movmi.net/blog/financial-fridays-the-business-of-subscription/ Carshare Impact: http://www.metrovancouver.org/services/regional-planning/PlanningPublications/1507_PPE_MV_Car_Share_Study_14Oct20HR.pdf https://movmi.net/blog/winners-2020-carshare-city-awards/ http://innovativemobility.org/?page_id=378
MICROMOBILITY
Planning guidelines: https://www.translink.ca/-/media/translink/documents/plans-and-projects/programs-and-studies/translink-tomorrow/shared_micromobility_guidelines.pdf US overview micromobility/deep dive into trip patterns (Austin only): https://nacto.org/shared-micromobility-2019/ https://movmi.net/blog/smci-tool-austin-texas/ Safety: https://www.itf-oecd.org/sites/default/files/docs/safe-micromobility_1.pdf Technology: https://movmi.net/product/scooter-sharing-whitepaper/ Financials: https://movmi.net/blog/finanical-fridays-episode-two/ Micromobility Impact:

Impacts of E-Micromobility on the Sustainability of ... - MDPI
https://www.innoenergy.com/discover-innovative-solutions/reports/micromobility-report/
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3802082

MOBILITY-AS-A-SERVICE/INTEGRATED TRANSPORTATION

Planning guidelines:
https://journals.sagepub.com/doi/full/10.1177/03611981211026664
https://www.eltis.org/sites/default/files/mobility_as_a_service_maas_and_sustainable_urban_mobility_planning.pdf
https://movmi.net/blog/multimodal_maas_cities/
https://maas-alliance.eu/homepage/what-is-maas/

Case Study projects:
https://clean50.com/projects/shared-mobility-compass-card-translink-movmi-modo-co-operative-evo-car-share-mobi-by-shawgo/

https://www.sciencedirect.com/science/article/abs/pii/S2213624X19301075

https://www.sciencedirect.com/science/article/pii/S0965856418309601

Mobility Hubs:
https://movmi.net/blog/multimodal-mondays-mobility-hubs-2/

Data standards:
https://movmi.net/blog/multimodal_monday_ep_3/

OTHER

Ted talk transforming transportation with shared mobility
https://www.youtube.com/watch?v=2qaWTeJ_AFY

Behaviour change:
https://movmi.net/blog/multimodal_monday_ep_2/