Sustainable Transportation Opportunities for New Mobility Services
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Innovative Services and Technologies
• Ridesharing
• Carsharing
• Microtransit
• Transportation Network Companies
  • multi-passenger
  • carpooling

New Mobility and Sustainable Transportation
• Increase vehicle occupancy
• Improve multi-modal connections, and
• Transit access
• Introduce new options to poorly served areas
• Intensify the use of alternative fuel vehicles
• Initiate larger scale adoption of shared models of auto use
• Prioritize car share parking
• Incentivize shared use mobility options

New Mobility Pilot Projects
Electric Vehicle Carshare for Low Income Residents – Los Angeles, California
Flexible Route Transit – Kansas City, Missouri
Subsidized Rideshare and Taxi to and from Transit Stops – Tampa area, Florida

New Mobility in Sustainable Planning Strategies
“Use a car-sharing program like Zipcar, rather than owning a car or owning more than one car.” (2012)
“TDM Partners Program: A multi-agency collaboration to pilot new programs ... include car sharing and parking management and innovative ridesharing programs”

Evidence for Sustainability
• Carsharing participants own fewer vehicles than others (Martin et al. 2010)
• Those who use ridesourcing services may have lower VMT (Rayle et al. 2014), and
• ... in some cases reduced levels of vehicle ownership (Dutzik et. al 2013)
• Those who use on-demand ridesharing services also tend to use transit (American Public Transportation Association 2016)

Planned Stakeholder Survey
• Identify key challenges for incorporating mobility services into local environmental planning and policy goals
• Analyze stakeholder and interest group involvement in decision making
• Assess information needs for the development of environmental policy for future mobility services
• Evaluate existing pilot programs, and local/state policies

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