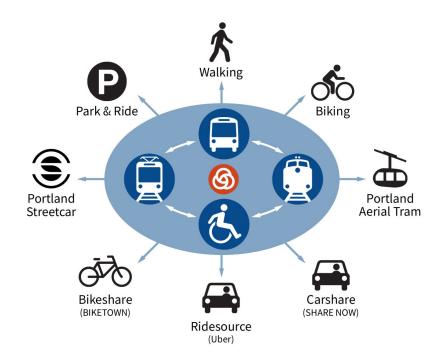
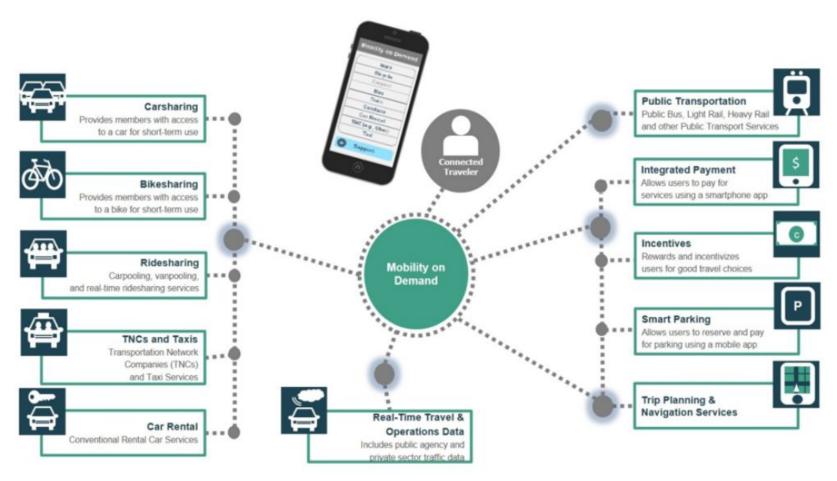
A COLLABORATIVE STRATEGY FOR FRICTIONLESS REGIONAL MOBILITY Urbanism Next, May 8, 2019



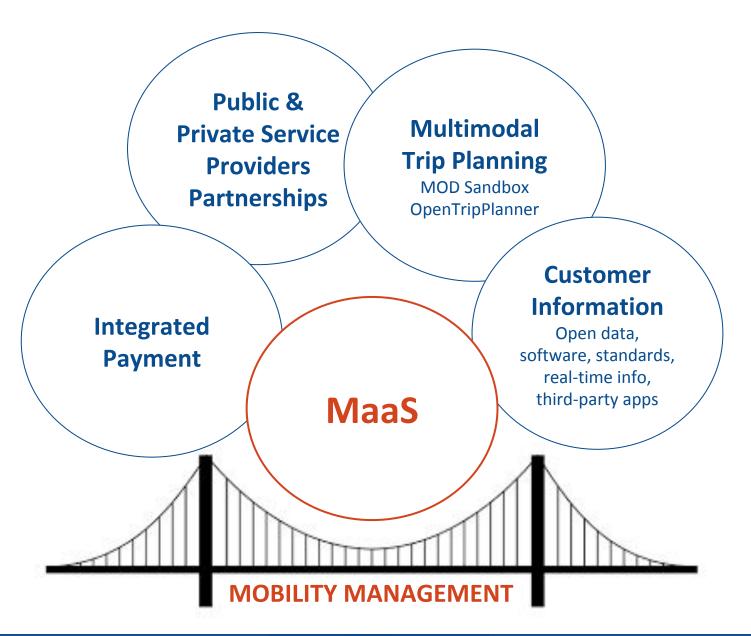
Bibiana McHugh, Manager, Mobility & Location-Based Services













- POLICY & REGULATIONS
- EQUITY & ACCESSIBILITY
- INCENTIVES & INFLUENCE
- FACILITIES & ON-STREET INFRASTRUCTURE
- DISPATCH, OPERATIONS, TRAFFIC MANAGEMENT
- LAND-USE PLANNING
- MODE MANAGEMENT AND INTEGRATION

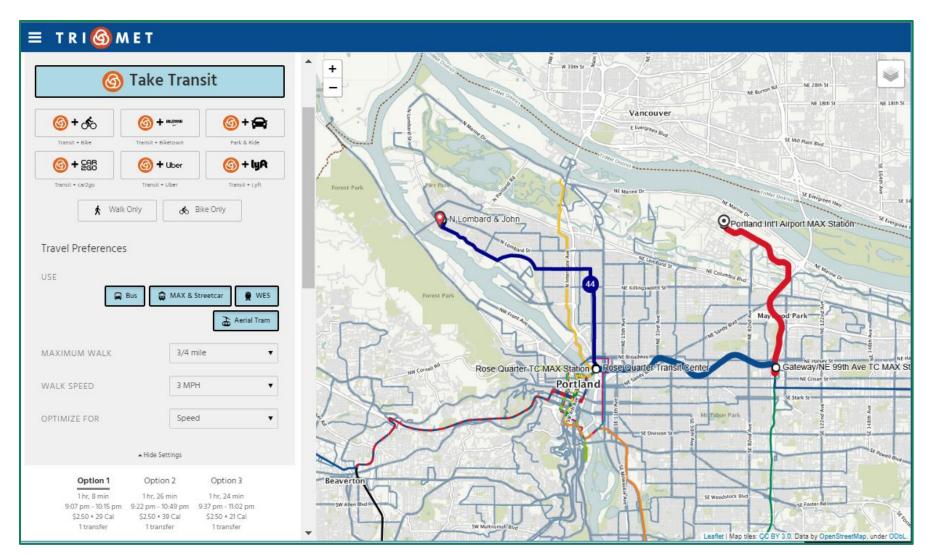
Multimodal Trip Planner BetaPlanner.trimet.org



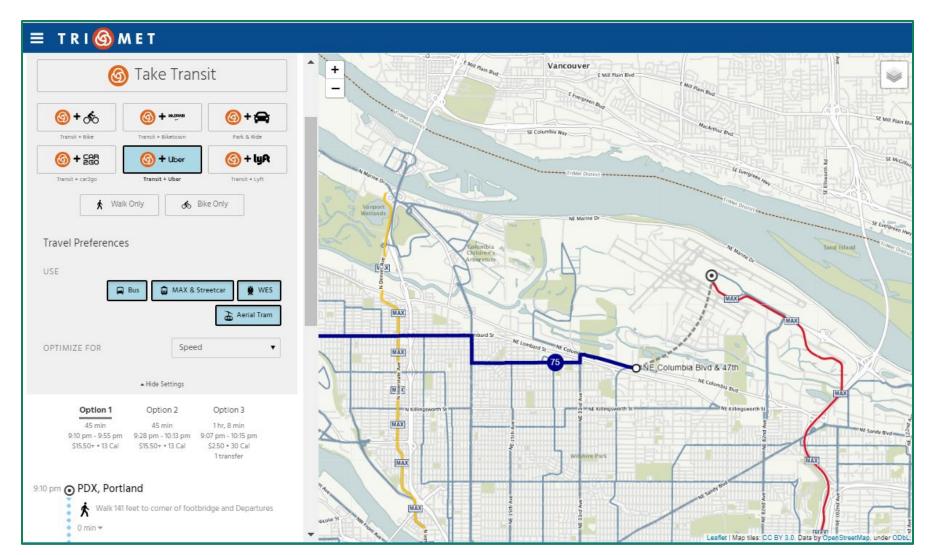




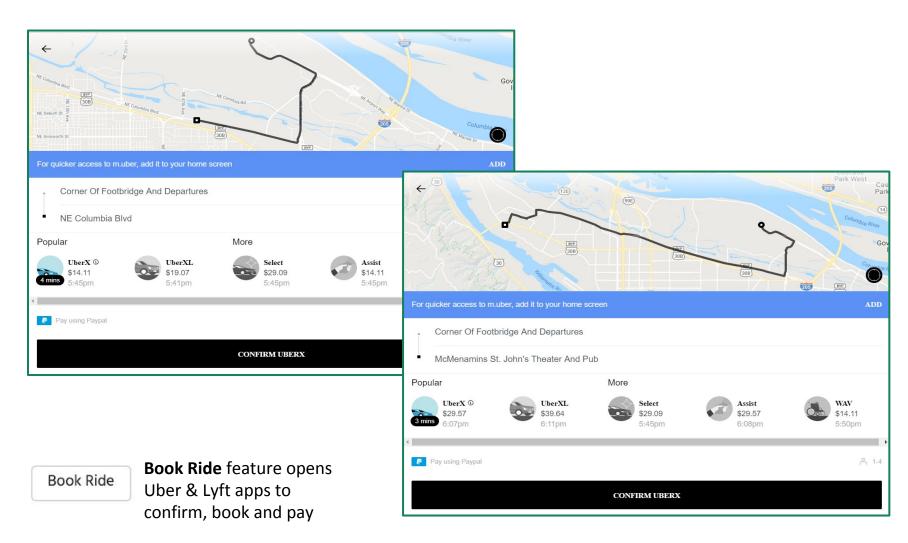
Transit Trip Real-time Information



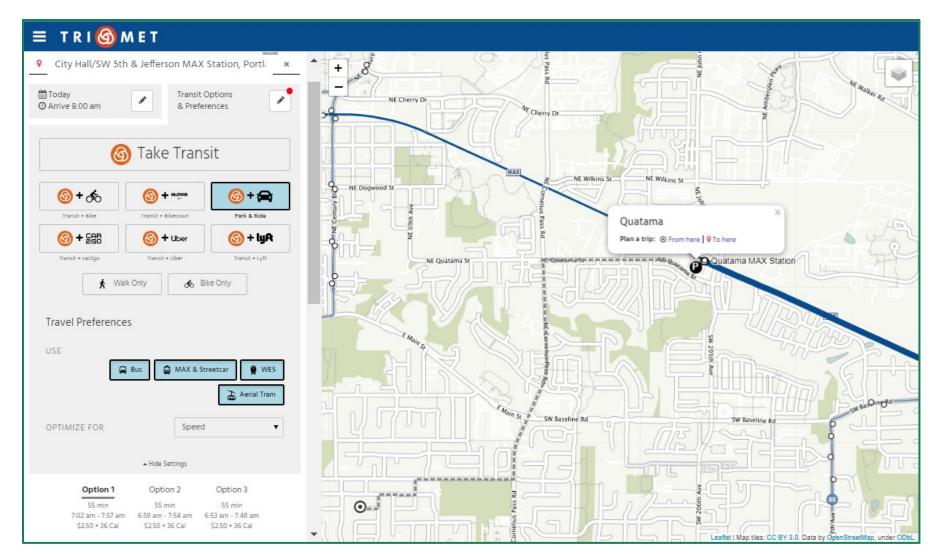
Transit + Uber Trip Faster than Transit Alone



Transit + Uber Trip Cheaper than Uber Alone

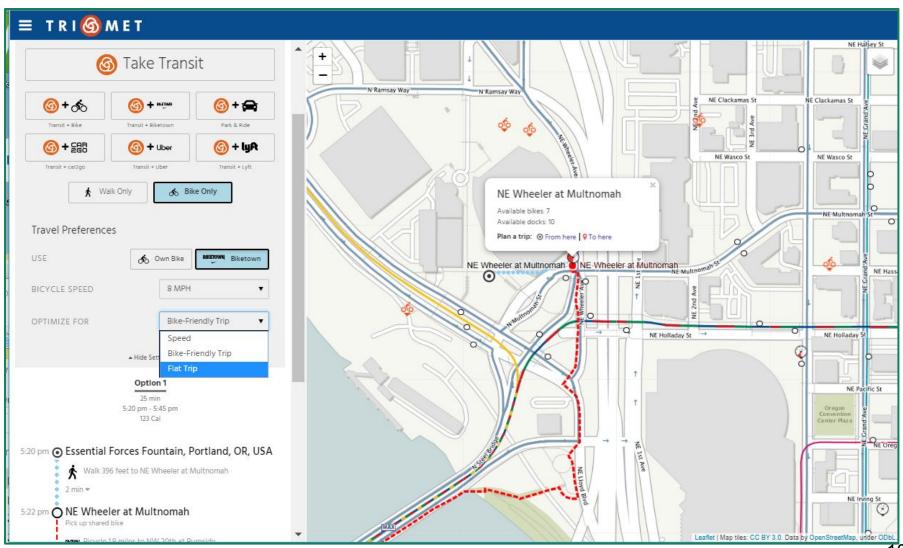


Transit + Park & Ride Trip Home to Transit



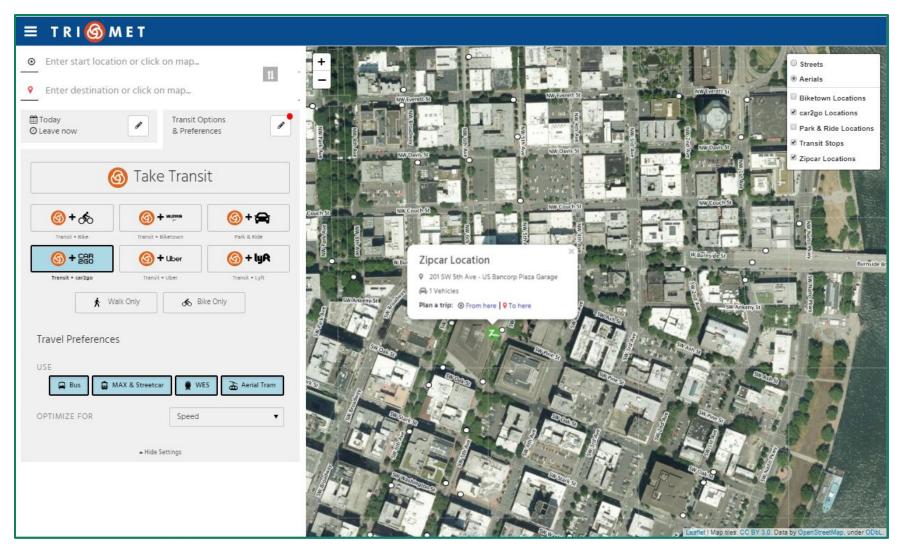
BIKETOWN

Real-time Information, Biking Preferences



1(

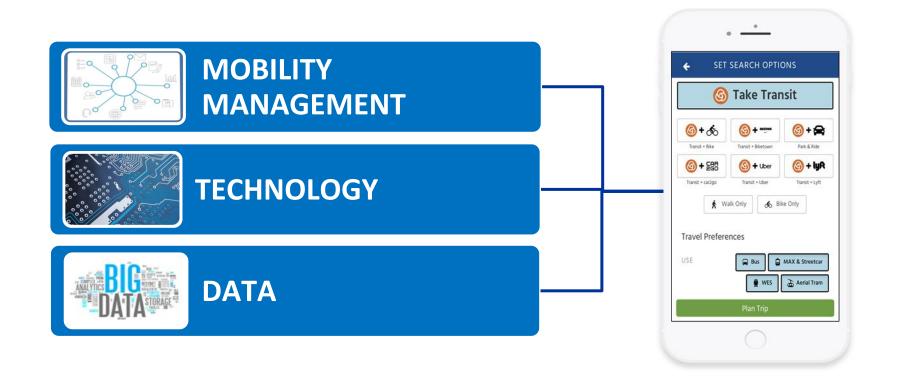
Mapping Layers and Information



OpenTripPlanner is Multilingual



MaaS Platform for Plan-Book-Pay





MOBILITY MANAGEMENT

- Frictionless Travel
- Subset of Smart City Initiative
- Policy and Regulations
- Mode Integration and Management
- Equity & Accessibility
- Paratransit
- Safety & Security
- Incentives and Influences
- Facilities and On-Street Infrastructure
- Dispatch, Operations, Traffic Management
- Landuse and Service Planning
- Private-Public Partnerships

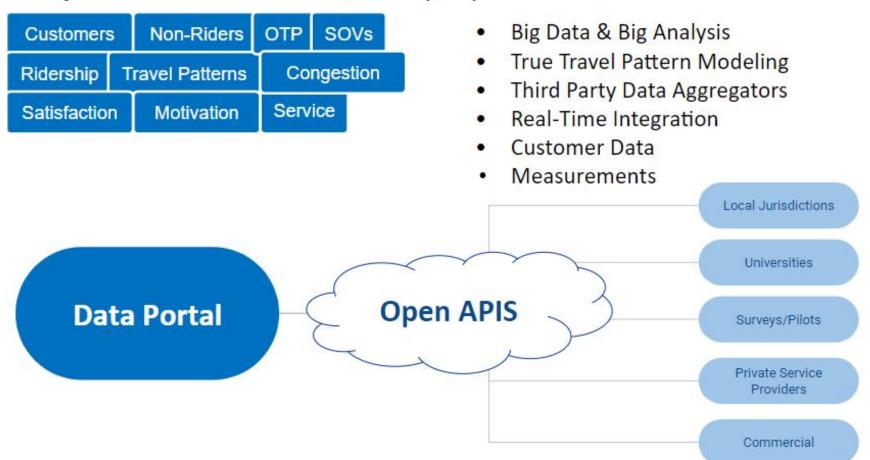




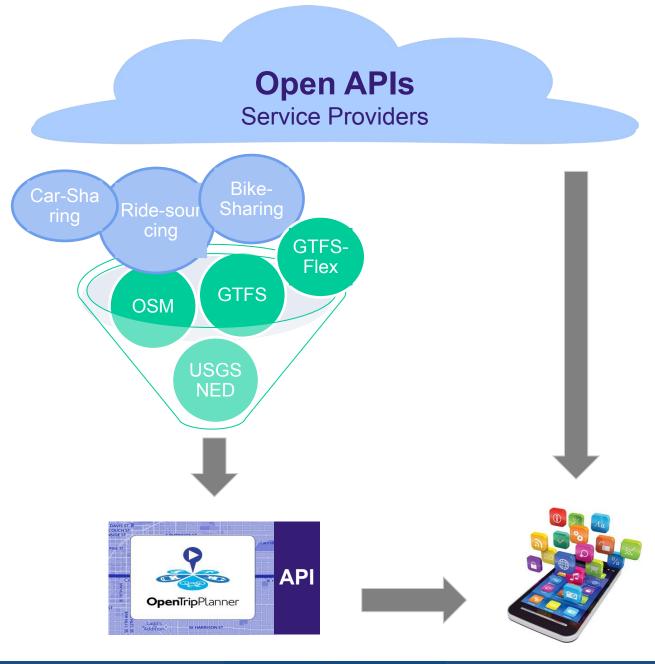
- Integrated Trip Planning, Booking, Integrated Payments
- Integrated Demand Management
- Rail Operations Optimization Technology
 - Internet of Things (IoT) and Edge Computing
 Technology for more efficient, effective, and reliable service. Pilot underway with Siemens.
- Nextgen TSP, budget requested for next FY
- Connected Vehicle Technology, Streetcar Pilot



Requires: Data Standards, Policy, Open Data Licenses







Mobility as a Service Objectives

- 1. Ease pressure on the transportation network
- Improve customer experience by presenting transportation network as integrated system
- 3. Limit congestion, esp. during peak travel periods
- 4. Reduce car ownership, usage and vehicles on roads
- 5. Enable better traffic and capacity management
- 6. Use existing infrastructure more effectively
- 7. Cater to all travelers (age, disadvantaged, low-income)
- 8. Create model that supports funding of infrastructure
- 9. Lessen overall environmental impact of transportation
- 10. Work in driver-controlled & autonomous environment

