# Shared, Electric, and Autonomous, Vehicle Roadmap

### Update





June 16, 2017

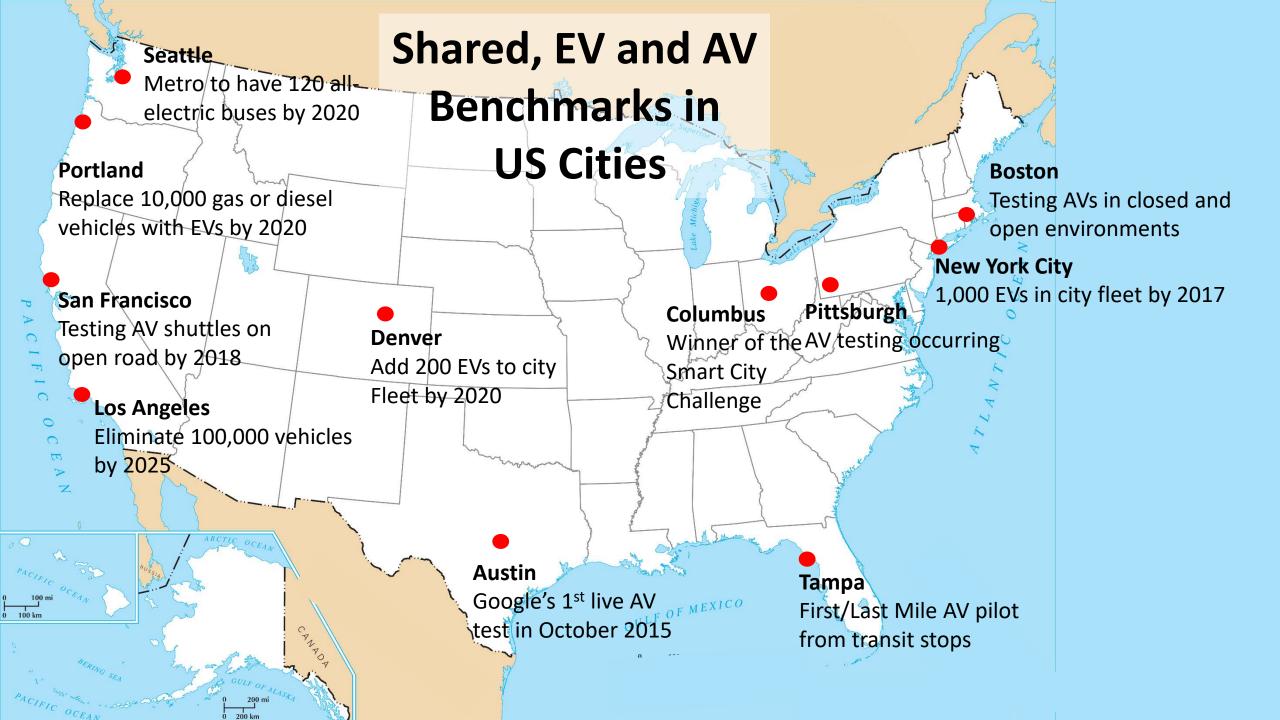
Council Resolution March 2017

Develop Nationleading plan on Shared, Electric and Autonomous Vehicles and Services



# The Plan is a Roadmap

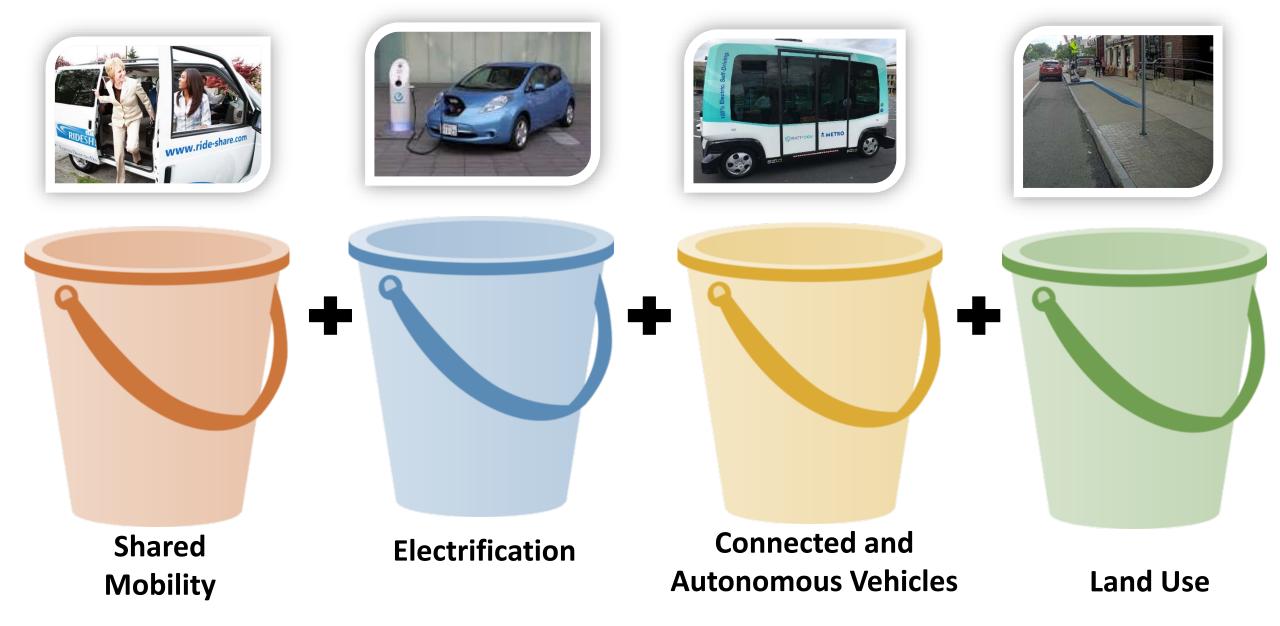
Capital Metro and others are key to ensuring a successful, collaborative, regional plan



#### Convergence of services yields best results

It is the convergence of <u>shared</u>, <u>electric</u> and <u>automated</u> vehicles together, guided by policy, which holds the greatest promise of simultaneously reducing congestion, emissions, and improving safety, access and affordability.

# **Connecting People, Technologies and Policies**



# Mobility at your Fingertips

Travelers no longer think of themselves as users of a network, and instead have adopted an app-oriented mindset. They want to be able to know .. with the touch of their fingers ... how to get from Point A to Point B.



- City of the Future- Technology and Mobility National League of Cities – Jan 2015

#### Smart Cities Run on Data



Automated Vehicles



Packaged Mobility & Mobility-as-a-Service



#### Electric Vehicles



#### **Engage the Public**



### State Legislation affecting AV operations

- SB 2205, effective Sept. 1, pre-empts a municipalities' ability to regulate AV operations on city streets, including collecting data or fees. The state now assumes authority to register vehicles and operators, but there is no notice to cities.
- HB 100, effective May 29, pre-empts a municipalities' ability to regulate TNC operations on city streets, including collecting data or fees.
- TNCs are widely expected to use autonomous vehicles within 5 -7 years
- There are likely to be modified AVs used on vehicles for hire on our streets with no municipal oversight

# A Regional, Collaborative, Sustained Effort



Austin Energy Economic Development Planning and Development Neighborhood Housing and Cmty Dev. Health Sustainability Fleet Services Office of Innovation Communications and Technology Mgmt Communications and Public Information

University of Texas – Center for Transportation Research Central Texas Regional Mobility Authority Texas Department of Transportation

Austin Residents Public and Private Sector and many more