

Smart cities
use technology, data, and
policies to
improve people's lives.

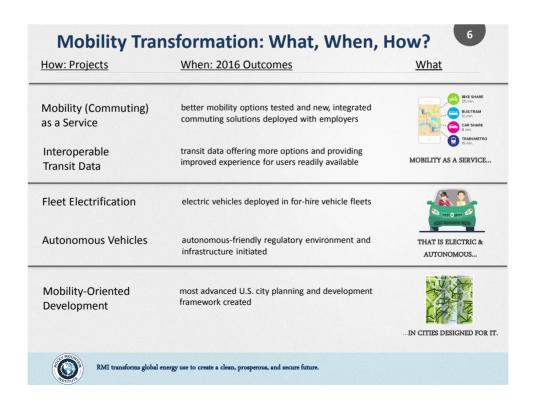
THE VISION

Improved Mobility – More Options, Better Access for All
Lower Travel Costs
Improved Health
Improved Safety
Ladders of Opportunity
Job Creation
Reduced GHG Emissions

Connection to Community Goals:
Affordability, Vision Zero, Complete Streets, Imagine Austin







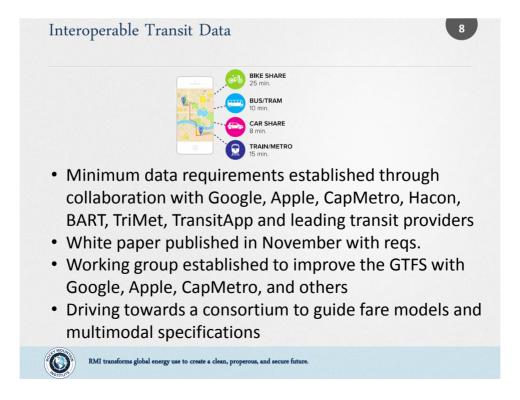
Data Rodeo & Urban Analytics



Goal: Harness multiple sources of transportation data into a single, anonymized, open data portal to improve transportation operations and inform consumer travel options

SCC - Proposed Pilots/Programs:

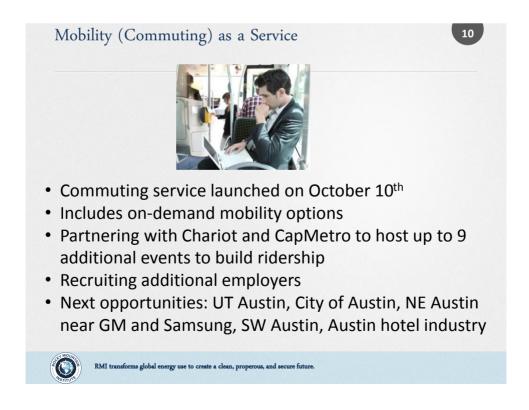
- Data Rodeo: City of Austin + UT-Center for Transportation Research data warehouse and analytics
- I-35 Integrated Corridor Management
- · Connected Corridor
- MetroLab Partnership



Packaged Mobility (Mobility as a Service)

Goal: Create door-to-door transportation options, seamlessly knit services and payments together; **reduce need for single-occupancy vehicles**





Electric Vehicles

Goal: Electric vehicles become a key mobility solution, infrastructure supports mass market adoption, **lowers total cost of vehicle ownership**

Proposed Pilots/Programs:

- Electric B-Cycle/Austin Energy e-bike Fleet
- CapMetro Electric Bus Opportunity
- "Smart City 7"
- Taxi fleet electrification opportunity
- City resolution to electrify municipal fleet







Fleet Electrification

1



- Potential Vulcan and DoE collaboration
- Taxi fleet electrification opportunity
- · Potential collaboration with GM and Maven
- TNC electrification opportunity Nissan Group Buy
- City resolution to electrify municipal fleet



RMI transforms global energy use to create a clean, properous, and secure future

Connected & Automated Vehicles

Goal: Partner with private sector to test and measure a variety of CV/AV technologies for operations, safety and health impacts, improved last-mile options, increased knowledge about CV/AV deployment

Proposed Pilots/Programs: • Connected Corridor • Review of applicable policies The proposed Pilots/Programs: • Connected Corridor • Review of applicable policies



Mobility-Oriented Development



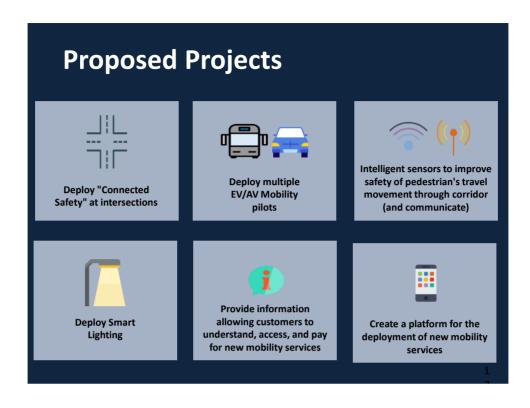


- Working with CodeNext team to advance land development code, leveraging national best practices
- Authoring publication on land use and transportation
- Exploring demonstration and learning opportunities with City of Austin and community stakeholders



RMI transforms global energy use to create a clean, properous, and secure future.

Proposed Demonstration Connected Corridor





Long-Term Challenges













NEXT STEPS

- Engage Stakeholders on Connected Corridor Vision
- Work with Law to Develop City policy/process to accept unsolicited proposals to facilitate P3s
- > Develop specific pilots in detail
- > Pursue industry collaboration
- > Enact interlocal agreements as needed

Smart cities use technology, data, and policies to improve people's lives.

Thank You
Comments, Questions?



