



October 2017



- Our Driverless Future
- EasyMile and the EZ10
- Driverless Policy Considerations



Our Driverless Future

Scenario #1



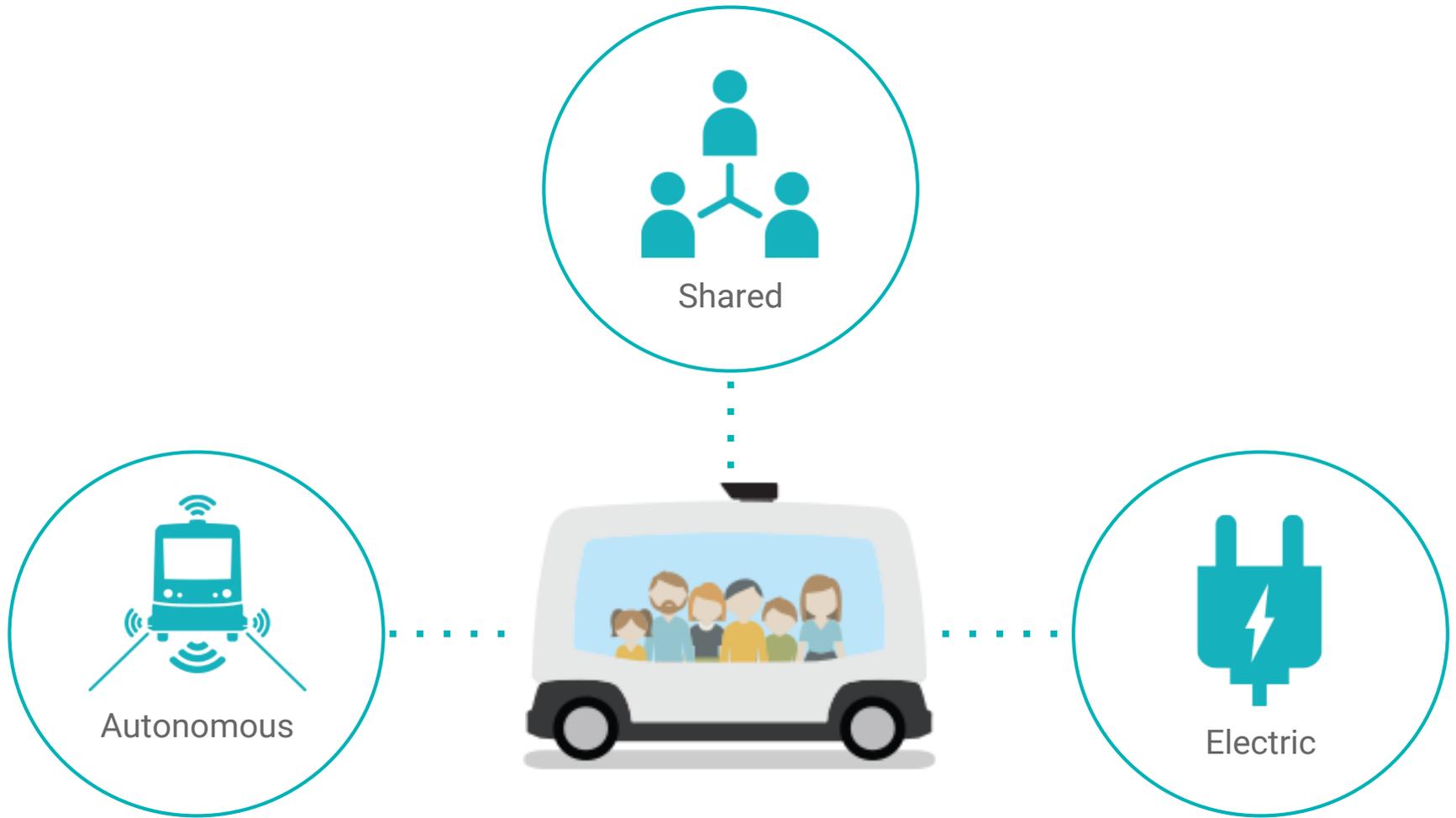
Scenario #2



Scenarios Comparison

	Scenario #1 (Nightmare)	Scenario #2 (Utopia)
Safety		
VMT		
GHG Emissions		
Urban Sprawl		
Parking Requirements	No Change	
Low Income Mobility		

Our Mobility Future



EasyMile and the EZ10



specialises in providing both
shared driverless
transportation and
software powering
autonomous vehicles



Founded in 2014 and
headquartered in **France**,
with offices in **Singapore**,
USA and **Australia**



100 passionate
employees
(and growing!!)

Privately funded with investments from



The EZ10



Driverless and electric shuttle

Can carry up to 12 people

(6 seating and 6 standing)

Built-in access ramp for passengers
with reduced mobility

No need for additional infrastructure

The EZ10 Safety Features



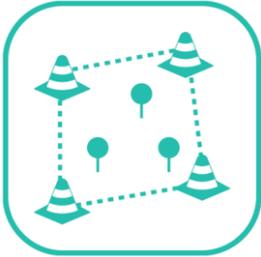
Localization Using Data Fusion

1. Lasers
2. Cameras
3. GPS
4. Odometry
5. IMU

Decision-making Safety Chain

1. Emergency Stop Buttons X3
2. Certified Industrial Grade Safety Control Units
3. Obstacle Detection Lasers
4. Braking Systems & Failsafe Parking Brake

4 APPLICATIONS



Enclosed Area



Urban Area



Suburban Area



Rural Areas

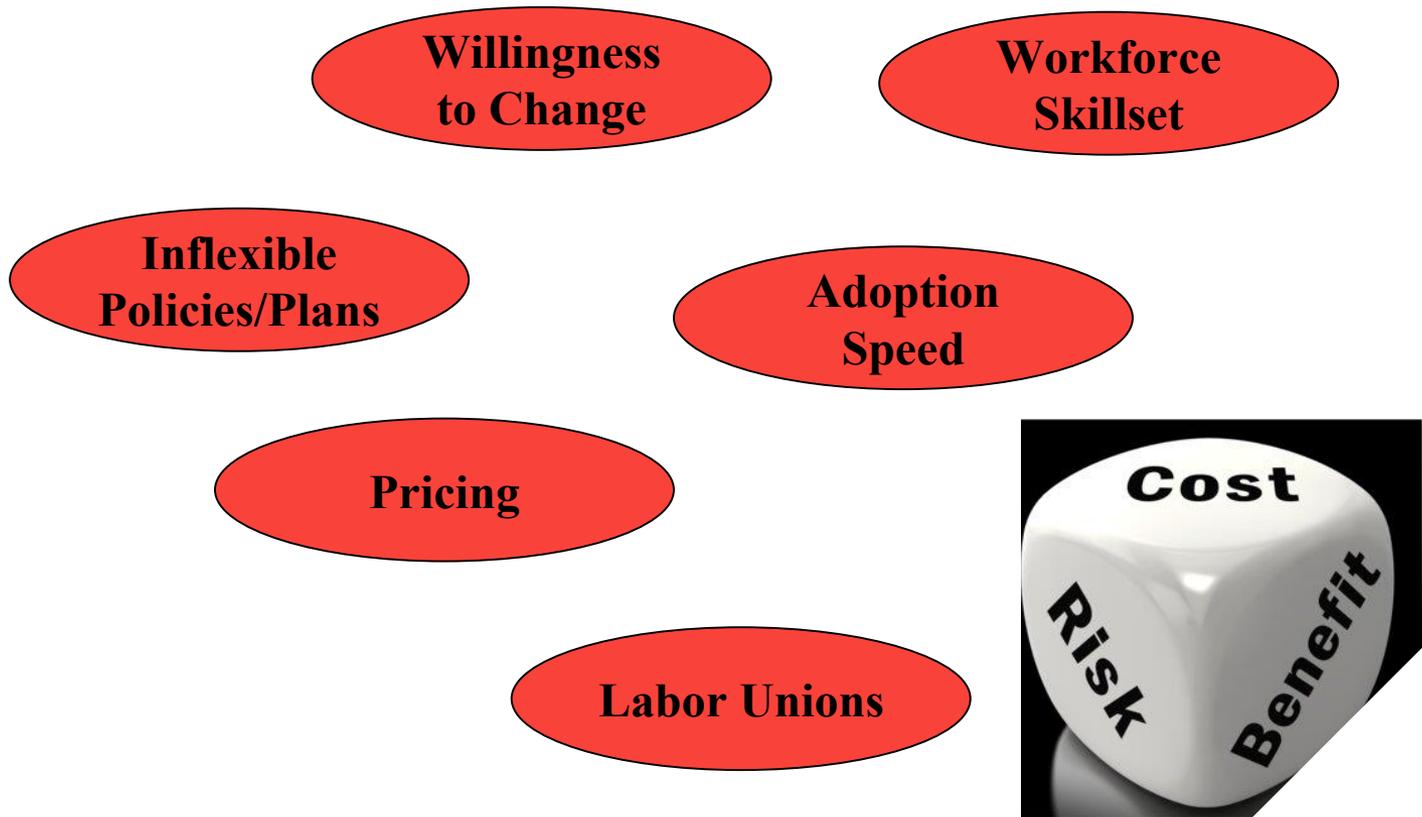
EasyMile Projects



Question the predictable
Stand for innovation
Change the landscape



And other challenges...



Other Implications for Transit

- 13(c)—Driverless vehicles considered in legislative history of UMTA in 1964
- Drug/Alcohol Regulations
- Buy America
- Safety and Security Issues
- Title VI Issues



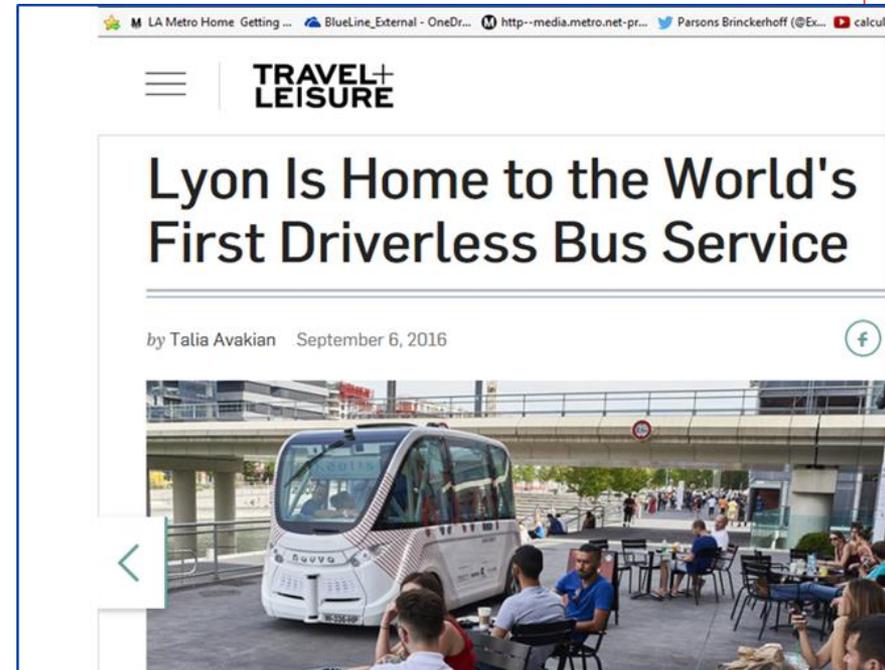
What can transit agencies do today?

- Incorporate into strategic/long-range plans
- Update policies to be more flexible, robust
- Build awareness: educate staff
- Establish partnerships with private sector
- Support advancement (testing) of technology



Key Take-Aways

- Driverless vehicles are coming soon here!
- Transit service today adjust to what's coming
- Transit agencies have many opportunities to leverage the driverless technology
- Barriers exist to take advantage of these opportunities
- Plan robustly



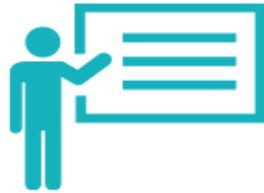
So... What Now?



Start a Pilot!



Build Awareness
of Technology



Educate
Stakeholders



Establish
Partnerships



Navigate
Regulations



Integrate w/
Transit



Establish Insurance



Inform Planning Process

Questions?

Lauren Isaac, Director of Business Initiatives

lauren.isaac@easymile.com

www.easymile.com

Cliff Henke, AVP/Sr. Analyst, Transit & Rail

Cliff.Henke@wsp.com

www.wsp.com