

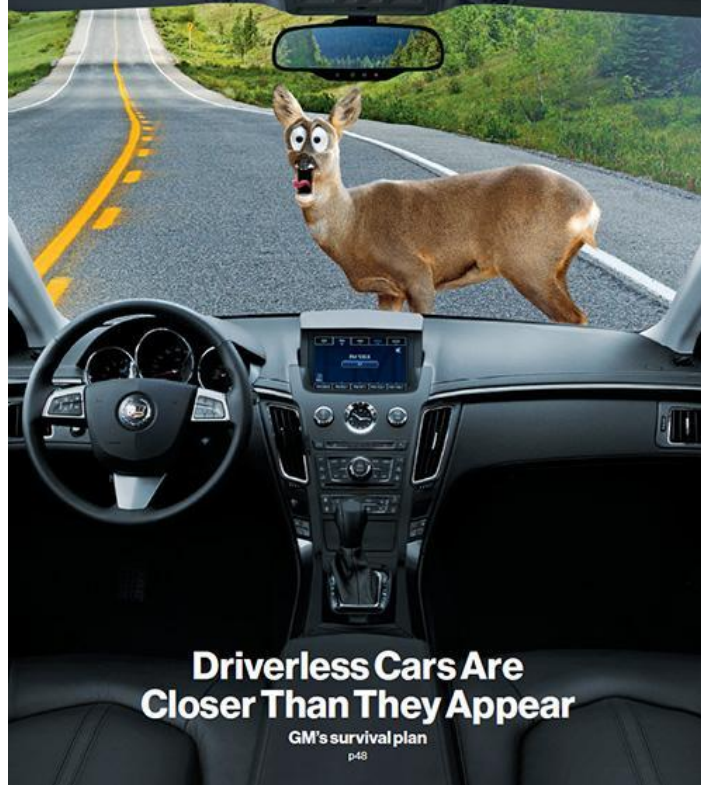


Driving Towards Driverless

April 2017

Bloomberg Businessweek

November 2 - November 8, 2015 | bloomberg.com



Driverless Cars Are Closer Than They Appear

GM's survival plan

p.48

Agenda

- Driverless Vehicles 101
- The Driverless Vision
- So...What Now?



Driverless Vehicles 101

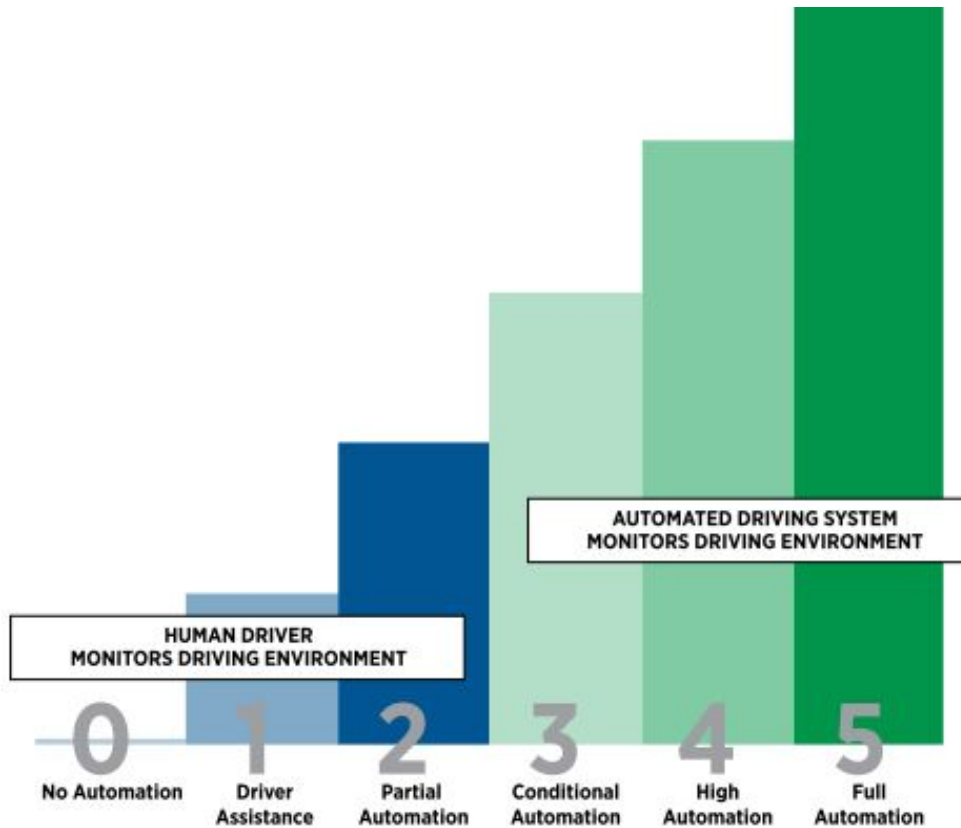


The U.S. Department of Transportation defines an **automated vehicle system** as:

“a combination of hardware and software (both remote and on-board) that performs a driving function, with or without a human actively monitoring the driving environment.”



*Source: United States Department of Transportation
Federal Automated Vehicles Policy, September 2016*



Is this a Level 5 Fully Automated Vehicle?



So.... When Are They Coming?



Why Aren't Driverless Vehicles Here Today?



Technology
Readiness



Insurance



Regulation



Infrastructure



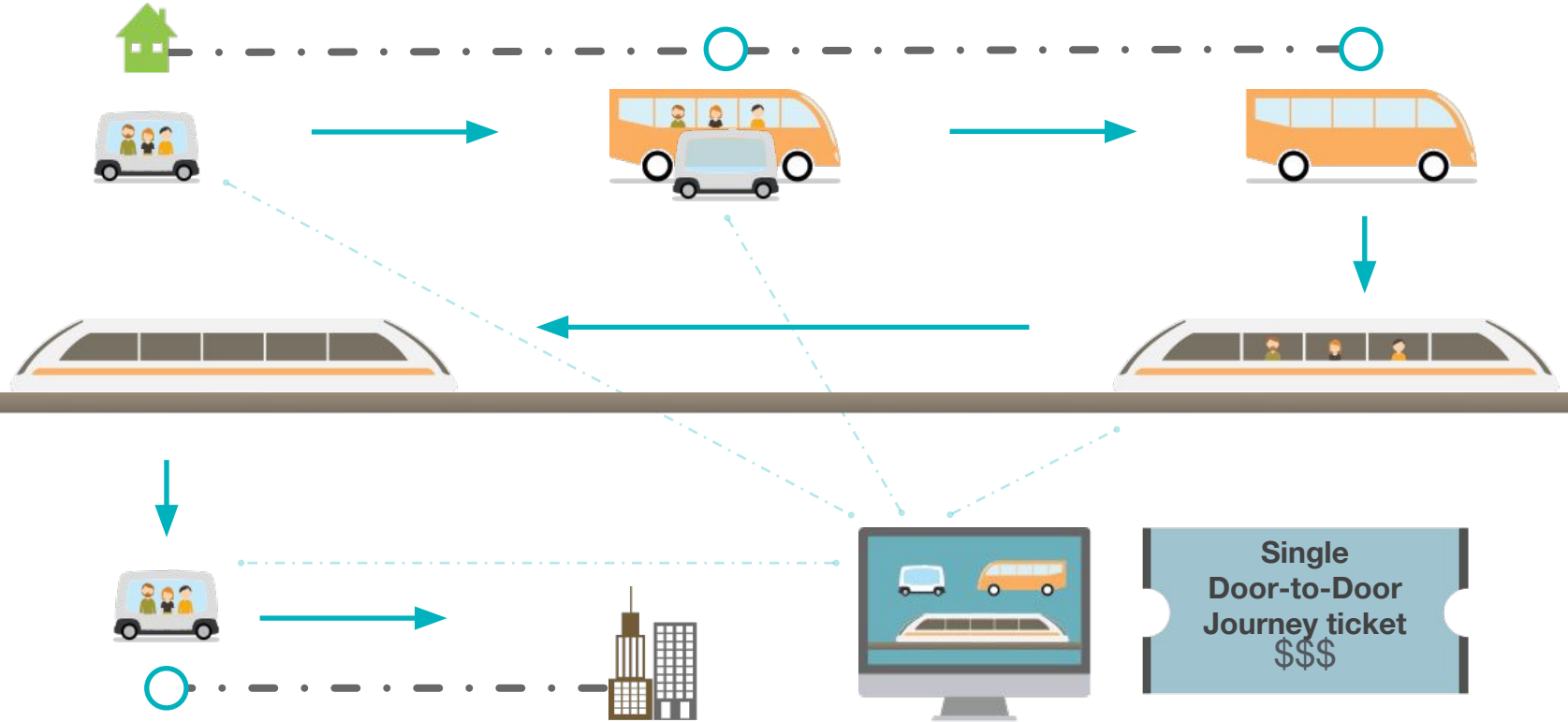
Human
Acceptance














The Driverless Vision

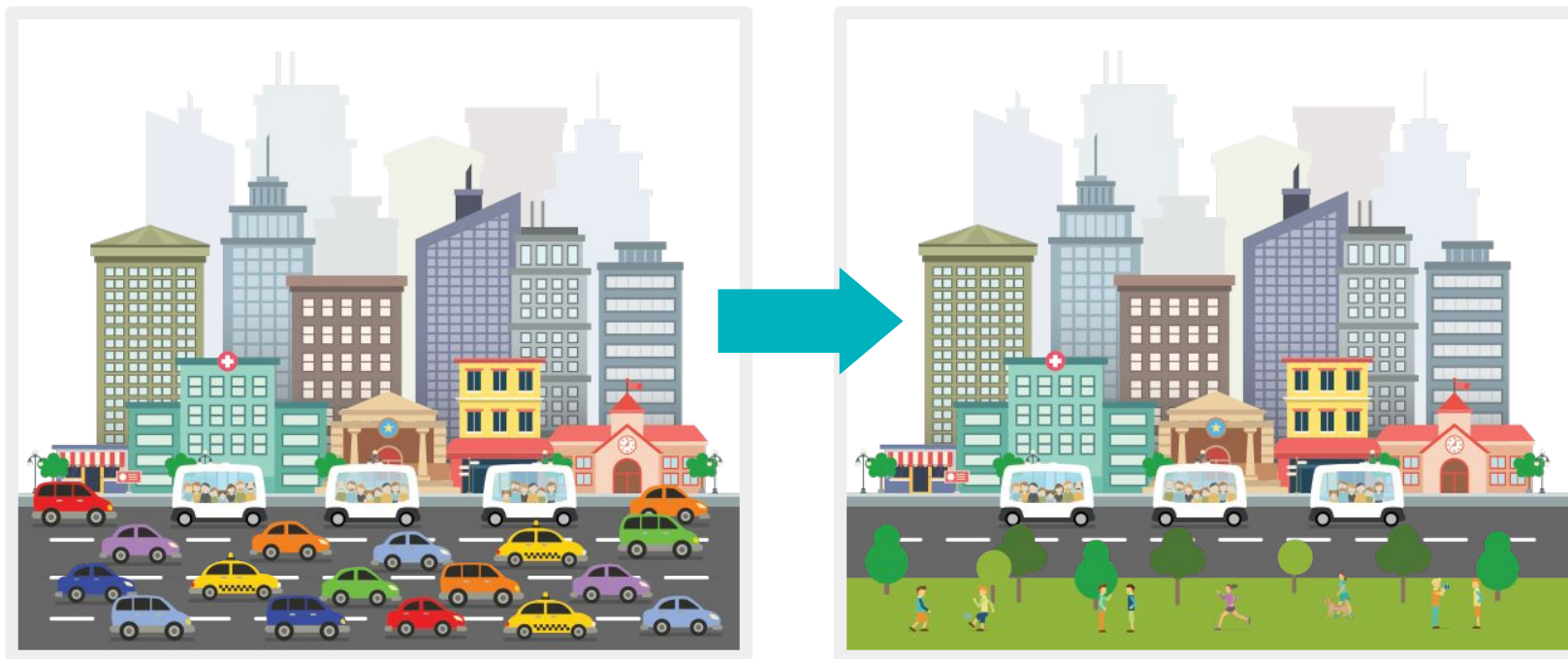






	Scenario #1 (Nightmare)	Scenario #2 (Utopia)
Safety		
VMT		
GHG Emissions		
Urban Sprawl		
Parking Requirements	No Change	
Low Income Mobility		

The Vision



So...What Now?



Establish Supportive Policies Today

Update roadway policies and infrastructure to manage the VMT impact

Adjust land use policies to reduce urban sprawl

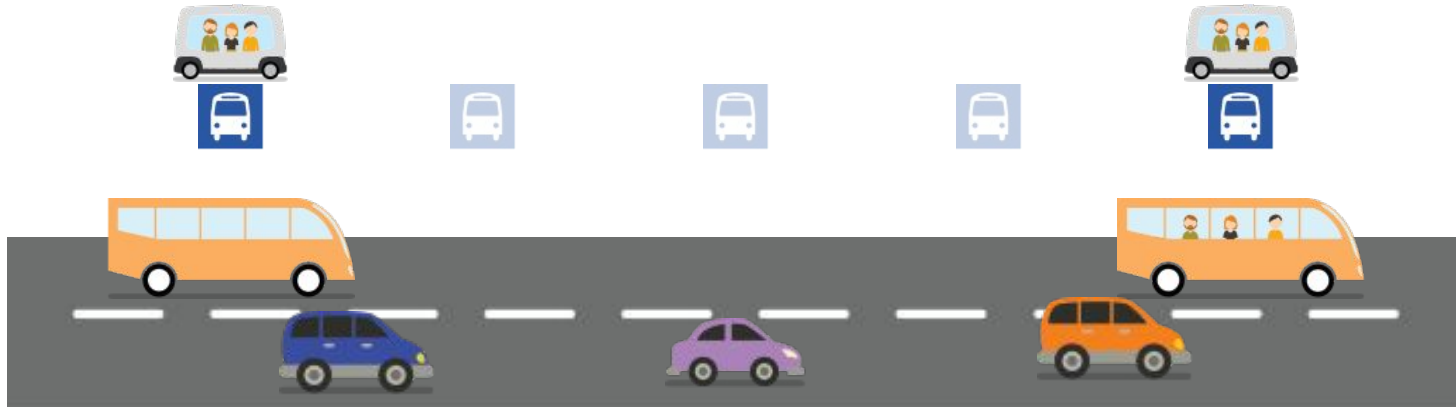
Adjust the tax/fee structure to dis-incentivize car ownership and/or parking

Alter parking policies to reduce the need for private parking

Incentivize electric vehicle usage/ownership

Change transit pricing

Station spacing, fares, fleet sizing, private partnerships, etc.





Train Stations



Airports



City Centers



Theme Parks/
Cultural Sites



Campus



Industrial Sites

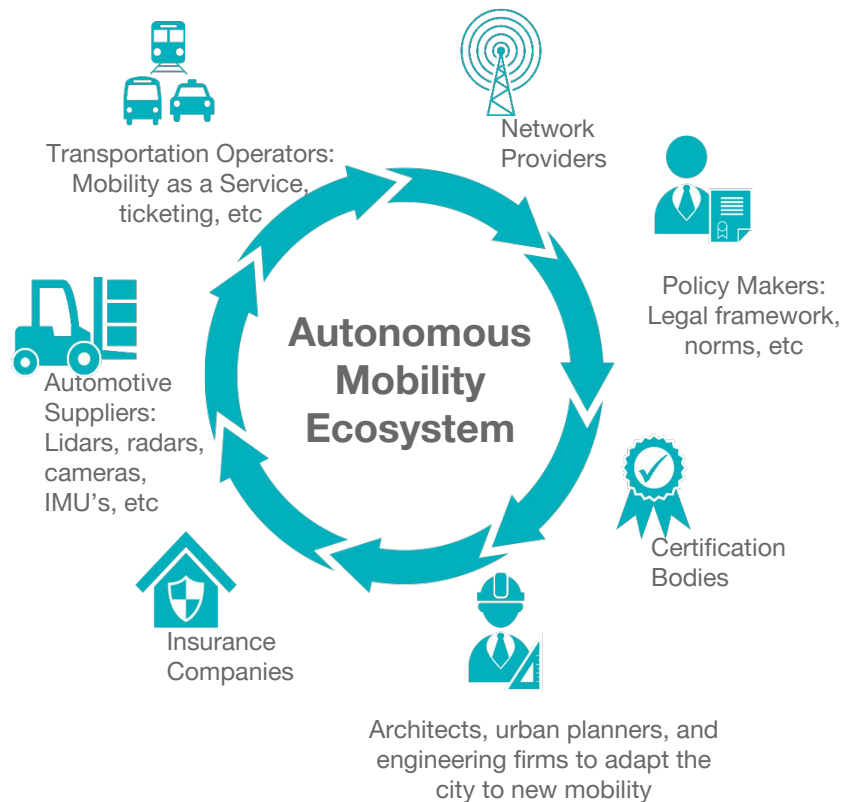


Hospitals



Retirement Homes

Establish Partnerships





Questions?

Lauren Isaac, Director of Business Initiatives

lauren.isaac@easymile.com

www.easymile.com

