Corporate Presentation

May 2017
Discussion Topics

- Driverless Vehicles Aligned w/ Government Goals
- Our Driverless Future
- EasyMile and the EZ10
- Government Actions Today
Driverless Vehicles Aligned w/ Government Goals
Improved Safety
Better Mobility Options
Better Mobility Options (cont.)

Single Door-to-Door Journey ticket $$$
Reduced Car Ownership

What if this...

...increasingly became this?
Decreased Space Dedicated to Parking
Reduced Greenhouse Gas Emissions
Our Driverless Future
Scenario #1
Scenario #2
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The Vision
EasyMile and the EZ10
EasyMile Overview

Core Business:
- Develop open road driverless technologies
- Integrate these technologies into different vehicles to address a variety of use cases
- Develop methodologies to efficiently and safely deploy fleets of automated vehicles

Started in 2014 with offices in Toulouse, Singapore and Denver

Currently 70 staff:
36 R&D software engineers (target 50 by end of 2017), including 11 PhD’s

Establish partnerships to combine expertise to deliver a quality product and service
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 4. Odometry
2. Cameras 5. IMU
3. GPS

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
Current Applications for People Movers

- **Short Distance Within Confined Sites**
  - Train Stations
  - Airports
  - City Centers
  - Theme Parks/Cultural Sites
  - Campus
  - Industrial Sites
  - Hospitals
  - Retirement Homes

- **Service Mode**
  - Peak Hours: Calling at all stations
  - Off Peak Hours: On demand

- **Benefits**
  - Increase Urban Mobility
  - Reduce Traffic Congestion & Pollution
  - Create “Last Mile” Connectivity
  - Save Costs Through Automation
EasyMile Projects
So... What Now?
Our Mobility Future

- Shared
- Autonomous
- Electric
Establish Supportive Policies

- 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
Start a Pilot!

Build Awareness of Technology
Educate Stakeholders
Establish Partnerships
Navigate Regulations
Integrate w/ Transit
Establish Insurance
Inform Planning Process
Address a Mobility Challenge

- Train Stations
- Airports
- City Centers
- Industrial Sites
- Campus
- Theme Parks/Cultural Sites
- Hospitals
- Retirement Homes
Questions?

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