# **ATKINS**

**Automated Platooning** 

**Atkins** 

September 2016



### What is Automation?

Level 0

Level 1

Level 3

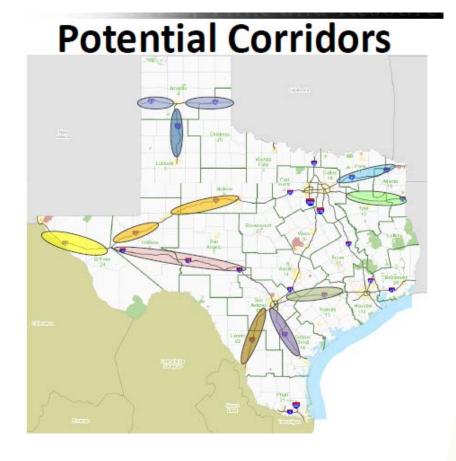
Level 4

Level 5

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## Where is This Happening?

- US Berkley PATH, TTI, Ohio
- Europe car and truck
- Leading states CA,
   MI, FL, Nevada, DC
- North Carolina AV policy research



#### **Benefits**

- Faster more efficient goods movement
- Reduction of fuel consumption
- Reduction of carbon output
- Improved throughput on roadways
- More space on roads which cannot have capacity expanded

### **Barriers to Entry**

#### Legal

- Automation policy
- Following distance
- Recent Tesla crash

#### Perception

- Public perception
- Big trucks vs. smaller cars

# Example: Peloton



## Atkins' Activities