



ODOT and Automated Vehicles

Tri-State Commission
August 2018

Eryca Dinsdale

ODOT Chief Innovation Officer



8/8/2018

National AV policy landscape



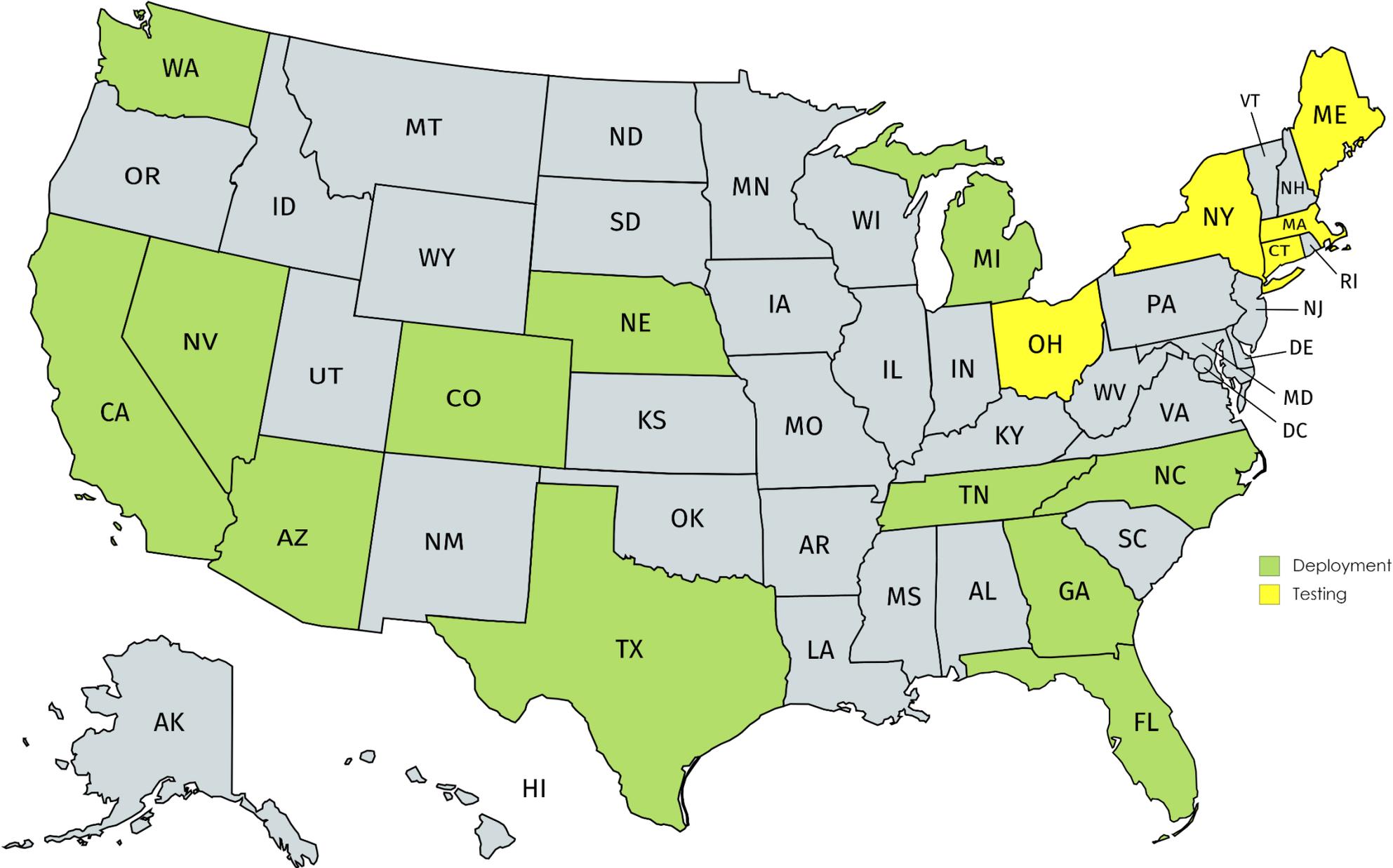
Automated vehicles are here.



National and international guidance on AVs



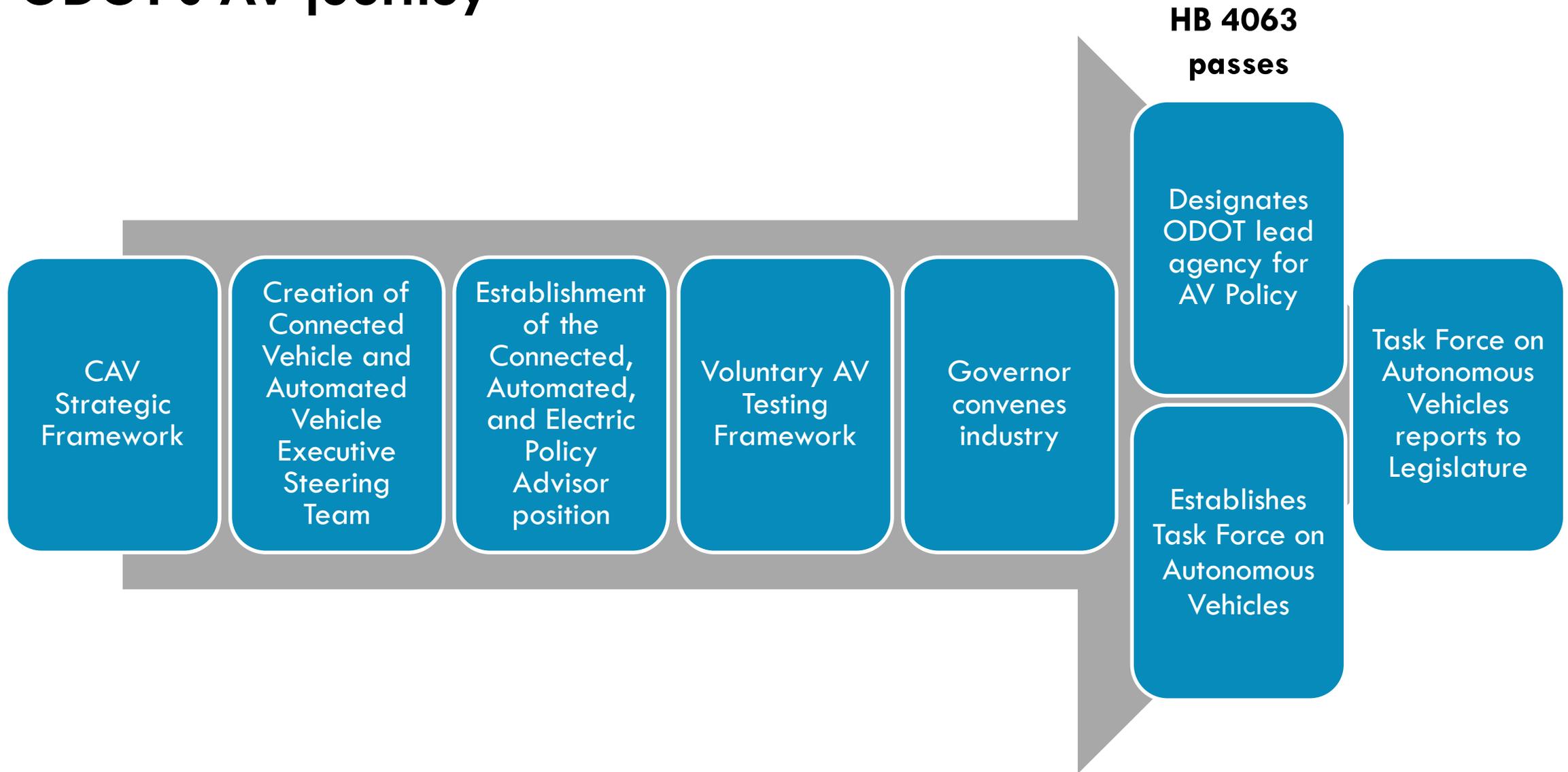
States that allow AV testing and/or deployment



Oregon AV policy landscape



ODOT's AV journey



AV considerations for Oregon



Legal uncertainty around AV testing and deployment



Potential benefits of AVs for Oregonians



Potential disruption caused by AVs

Land Use

Road and
Infrastructure
Design

Public Transit

Workforce
Changes



Priority: public safety



Consistency across states



House Bill 4063



8/8/2018

Recent Legislation: House Bill 4063



Lead agency designation: What it means



Oregon Task Force on Autonomous Vehicles

Created by House Bill 4063



Task Force on Autonomous Vehicles membership

The task force consists of 31 members:

- Four legislators (advisory and non-voting)
- Six state agency representatives
- Automotive industry representative
- Cybersecurity industry representative
- Law enforcement representative
- Transportation network company representative
- Autonomous vehicle technology representative
- Automotive insurance representative
- Trial lawyers representative
- Workers' unions representative
- Two representatives of transportation unions
- Association of Oregon Counties representative
- League of Oregon Cities representative
- American Automobile Association representative
- Oregon Trucking Associations representative
- Taxicab industry representative
- Metropolitan planning organization representative
- Oregon Transit Association representative
- Nonprofit entity representative
- Commercial truck manufacturing representative
- Consumer protection advocates representative
- Public university representative



Charge from the Legislature

Framing the Future for Autonomous Vehicles in Oregon

- Develop recommendations on four policy areas relating to AVs
- Submit a report, including recommendations for legislation, to the Legislature
- **Deadline: September 15, 2018**



8/8/2018



Task Force on Autonomous Vehicles focus areas for 2018

Licensing and
Registration

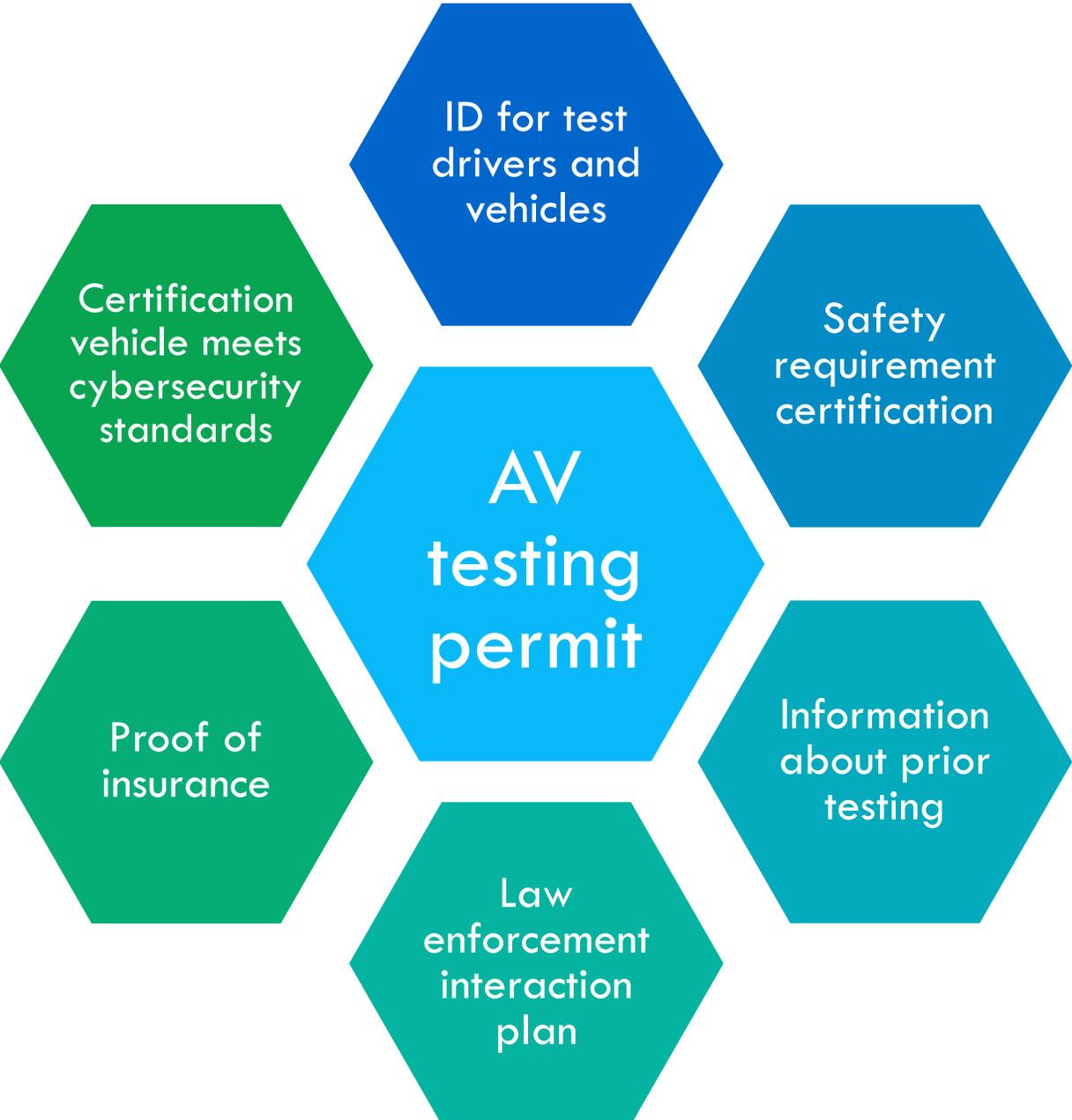
Law Enforcement
and Crash
Reporting

Insurance and
Liability

Cybersecurity
and Long-Term
Effects



Task Force recommendations to date



AV Use Cases



ODOT releases use cases report in May 2018



8/8/2018

Purpose of the use cases



List of AV Use Cases

- Personal vehicles with conditional automation
- Personal vehicles with full automation
- On-demand fleets of driverless vehicles
- Automated regional public transit

- Automated interregional public transit
- Automated local delivery vehicles
- Automated medium- and long-haul freight trucks
- Automated heavy equipment vehicles

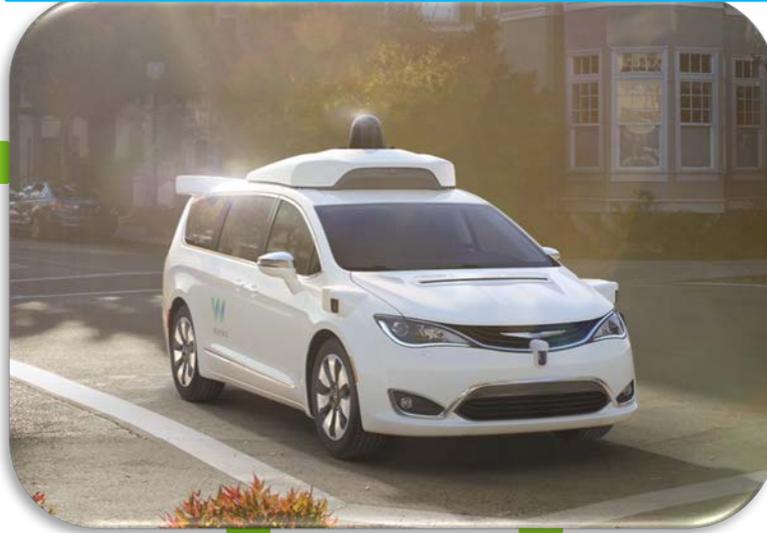


Considering policy changes for all use Cases

PERSONAL & FLEET VEHICLES



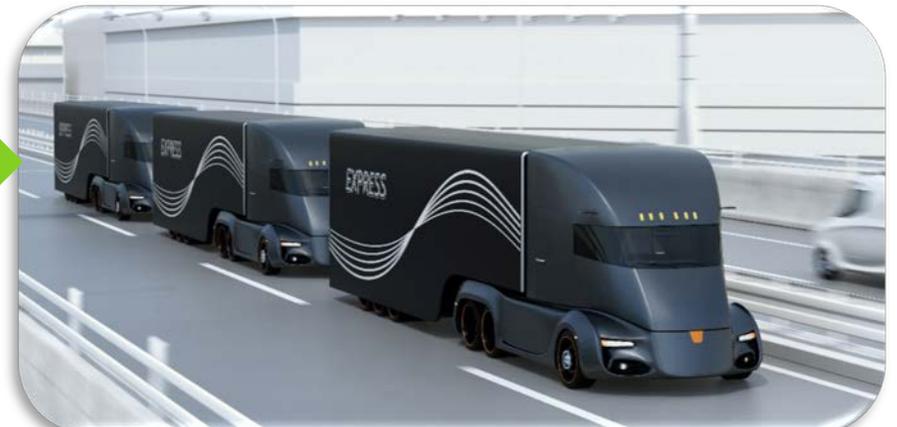
PUBLIC TRANSIT



HEAVY EQUIPMENT



LOCAL DELIVERY



FREIGHT



Questions?