



# Planning for the Future(s)

The FDOT Initiative to  
Develop Guidance about  
LRTP Impacts of ACES

Chris Kopp, AICP CTP  
Transportation Research Forum  
Chicago  
March 9, 2018



## A Automated

Vehicle capable of guiding itself with little or no human input



## C Connected

Vehicle having systems linked to other devices to improve safety or efficiency



## E Electric

Vehicle using one or more electric motors for propulsion

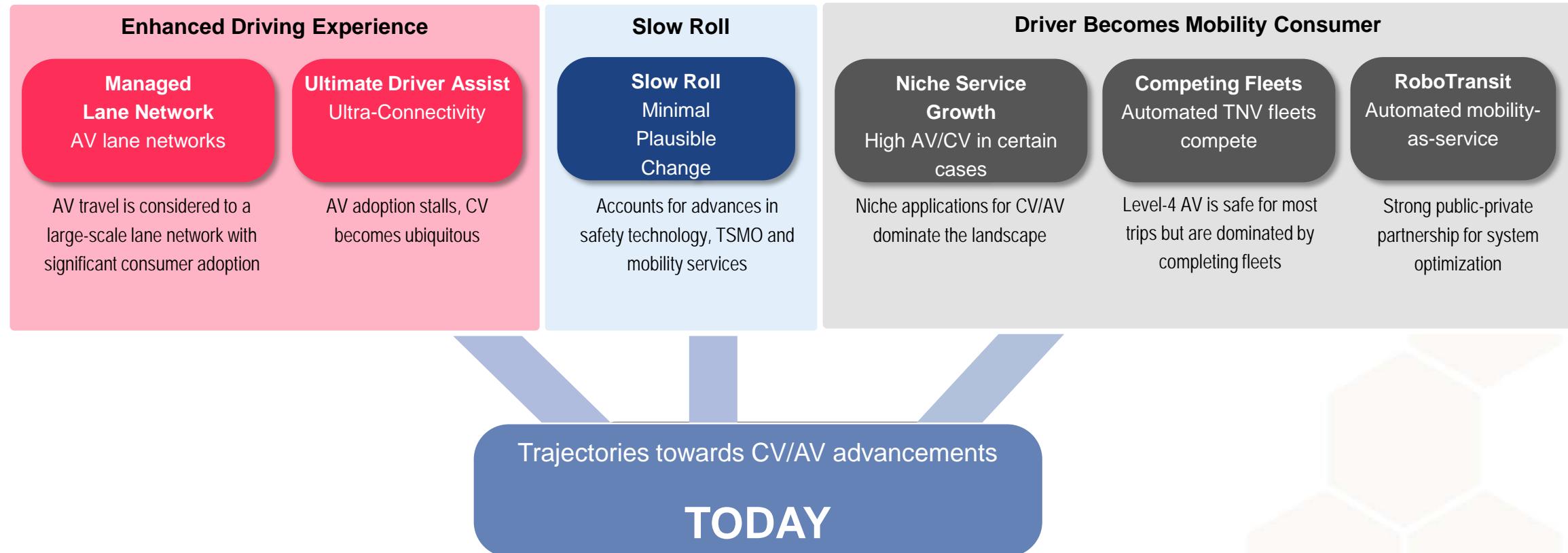


## S

### Shared-use

Vehicles used (not necessarily owned) by more than one person or organization

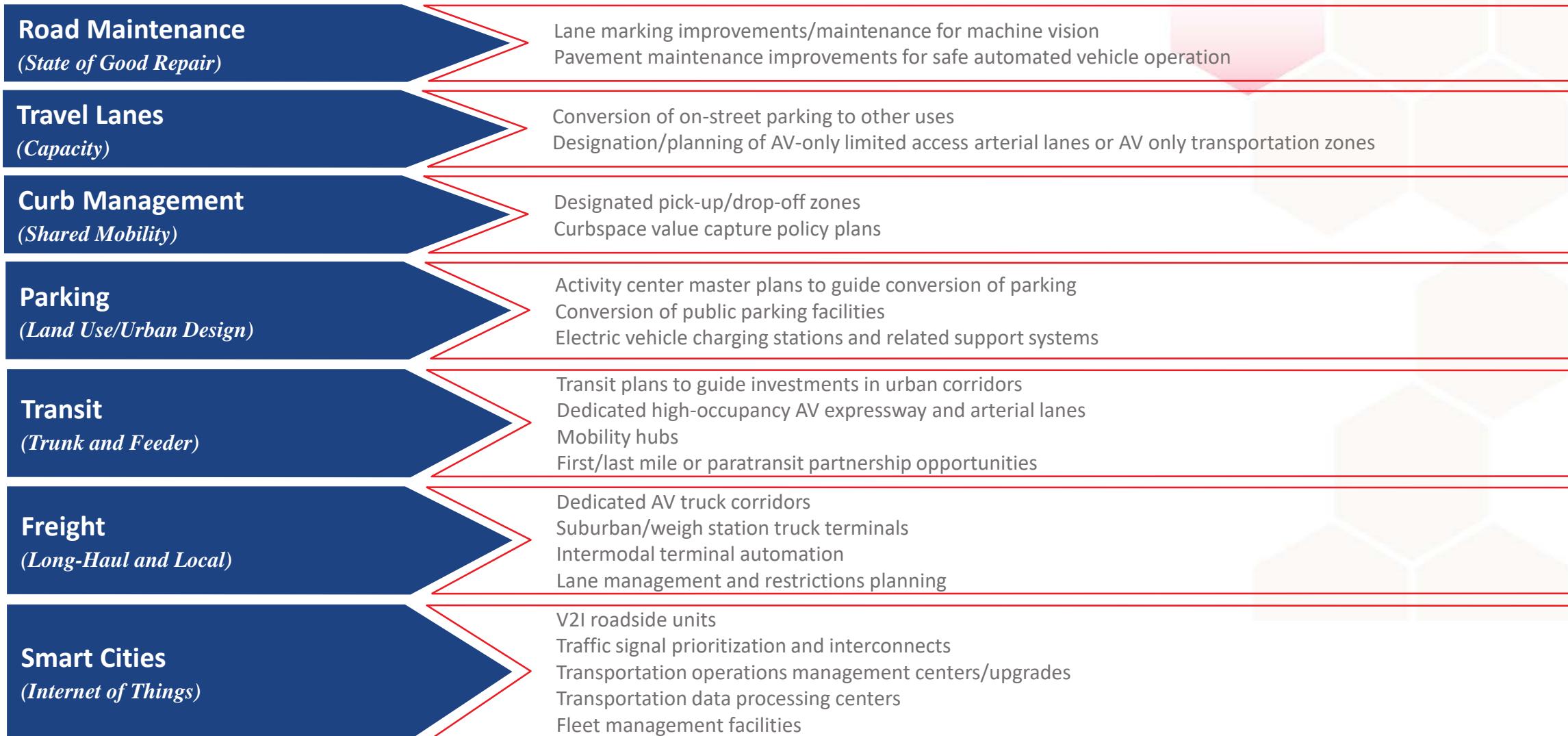
# FHWA 2035 CV/AV Scenarios



# Integrating ACES into the Planning Process

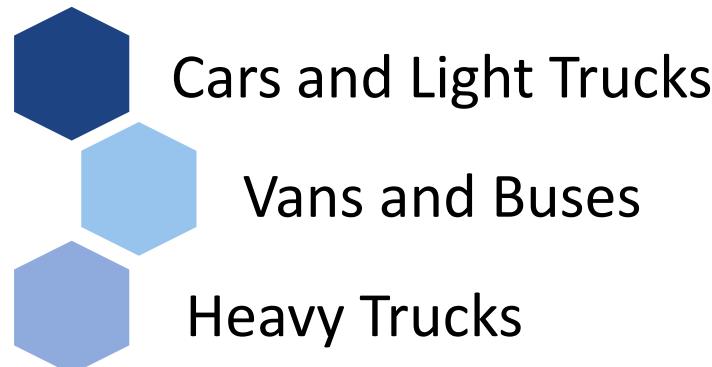


# ACES Supportive Projects

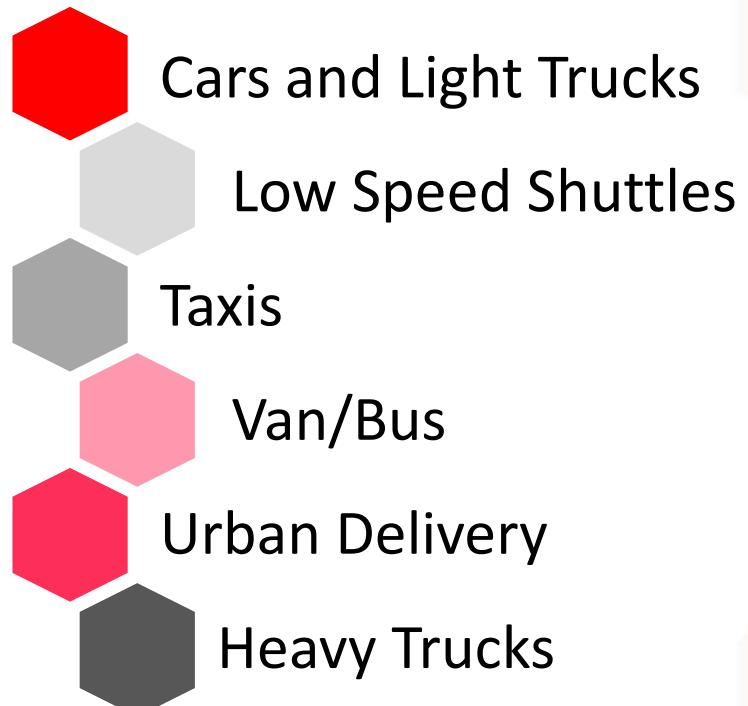


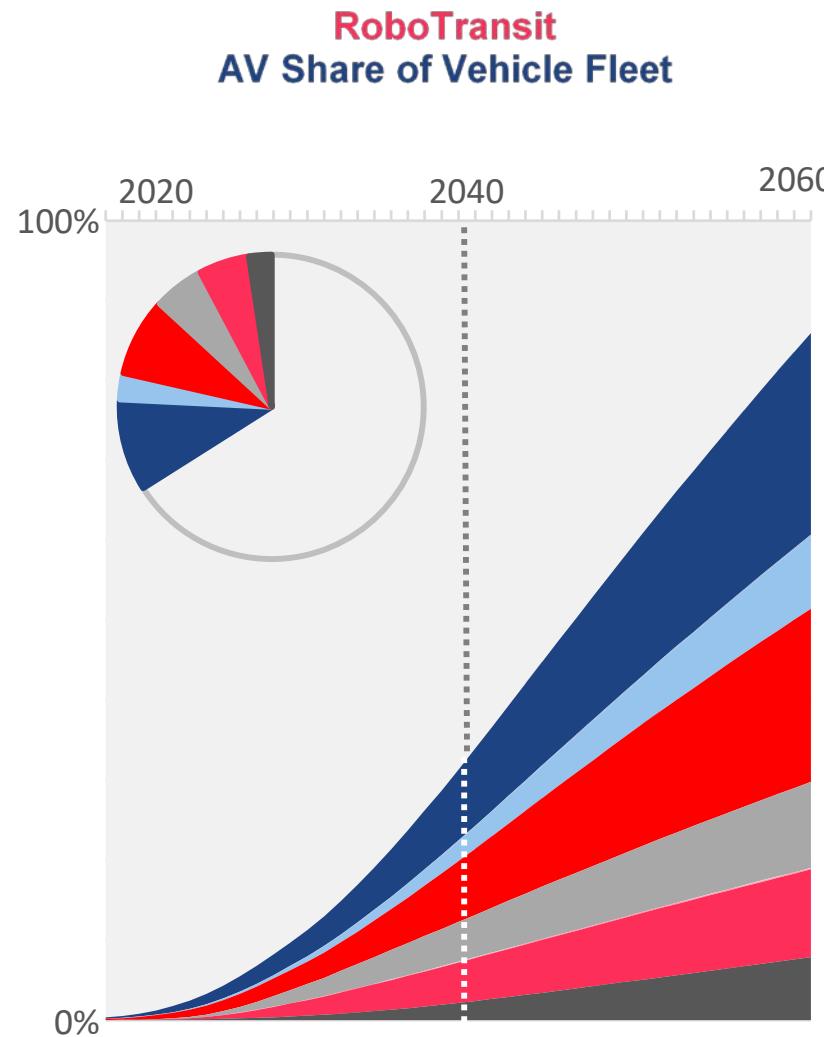
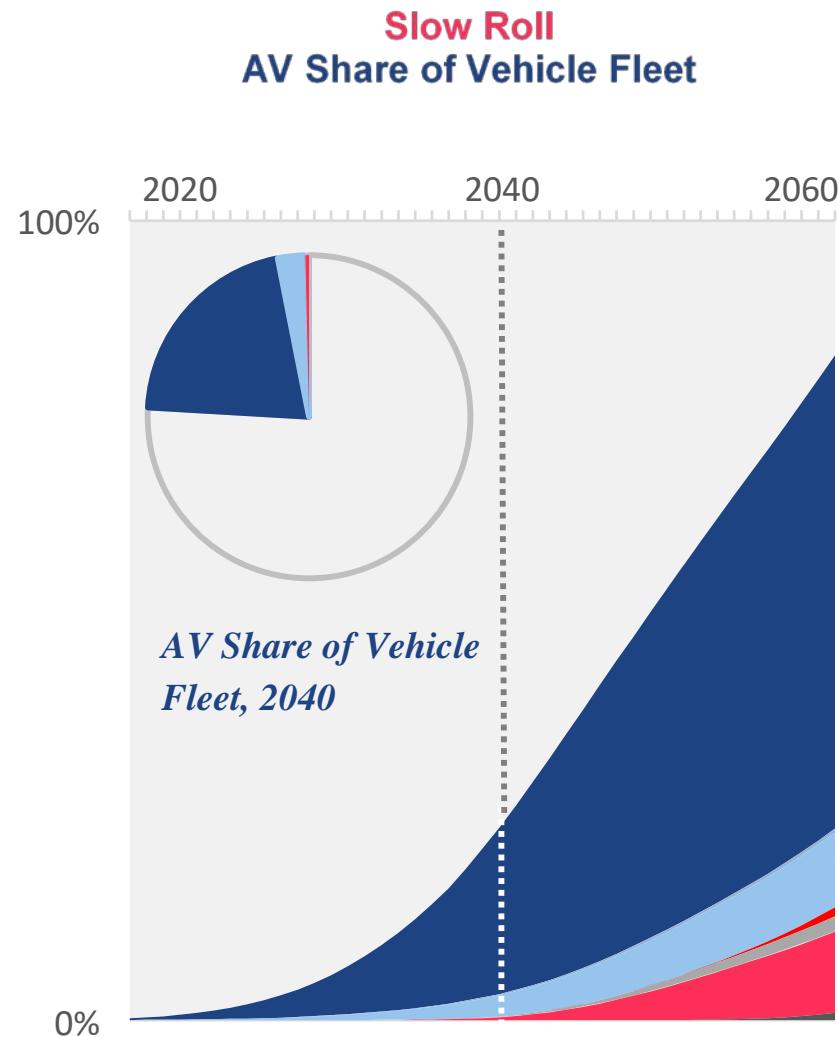
# Vehicle Fleet Mix – Automation Use Cases

## Level 2-3



## Level 4-5





## Level 0-1



Conventional Vehicles

## Level 2-3



Cars and Light Trucks



Vans and Buses



Heavy Trucks

## Level 4-5



Cars and Light Trucks



Low Speed Shuttles



Taxis



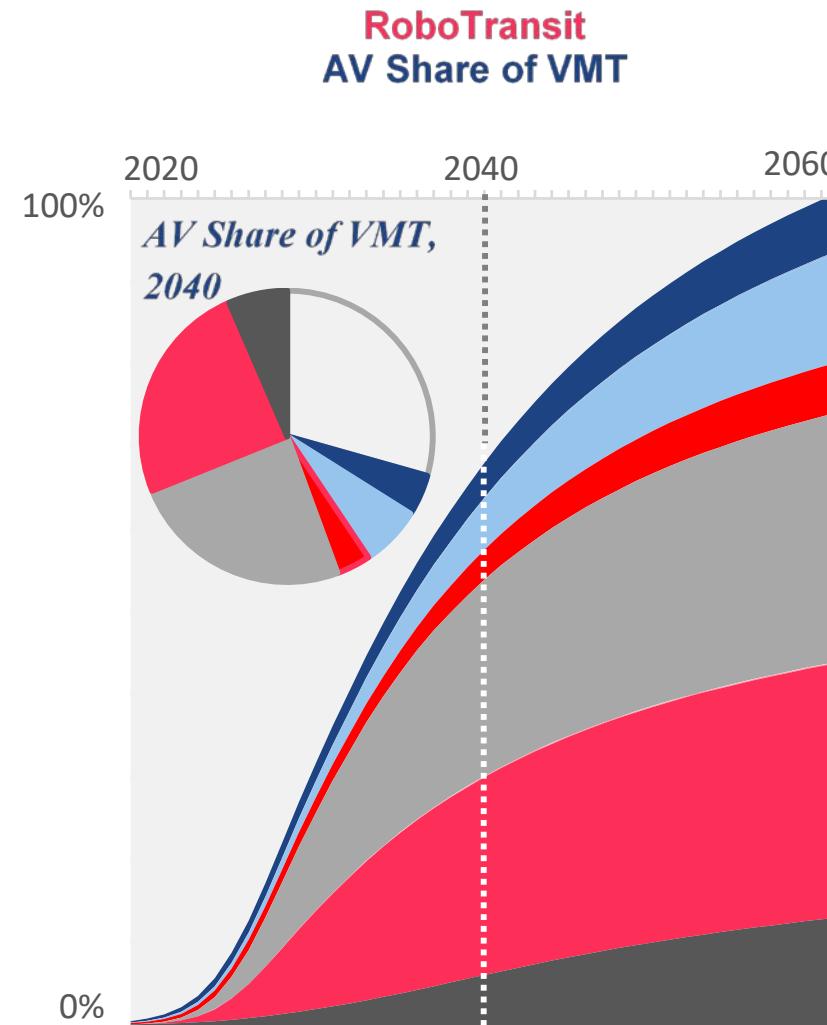
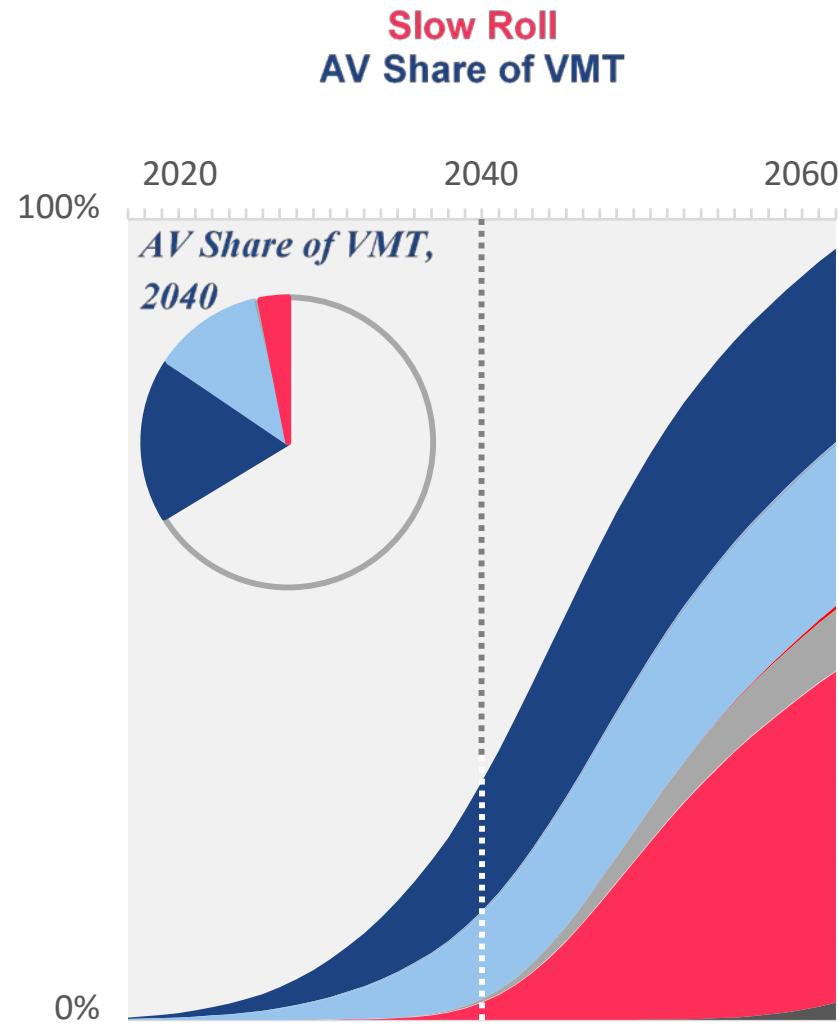
Van/Bus



Urban Delivery



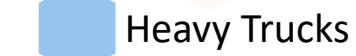
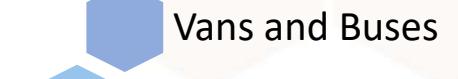
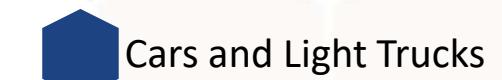
Heavy Trucks



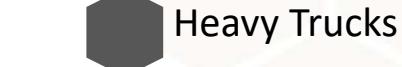
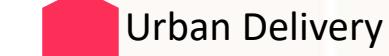
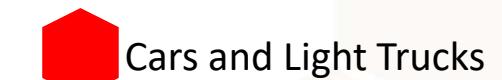
## Level 0-1



## Level 2-3



## Level 4-5



# Next steps

