

**North Central Texas  
Council of Governments  
Environment & Development**

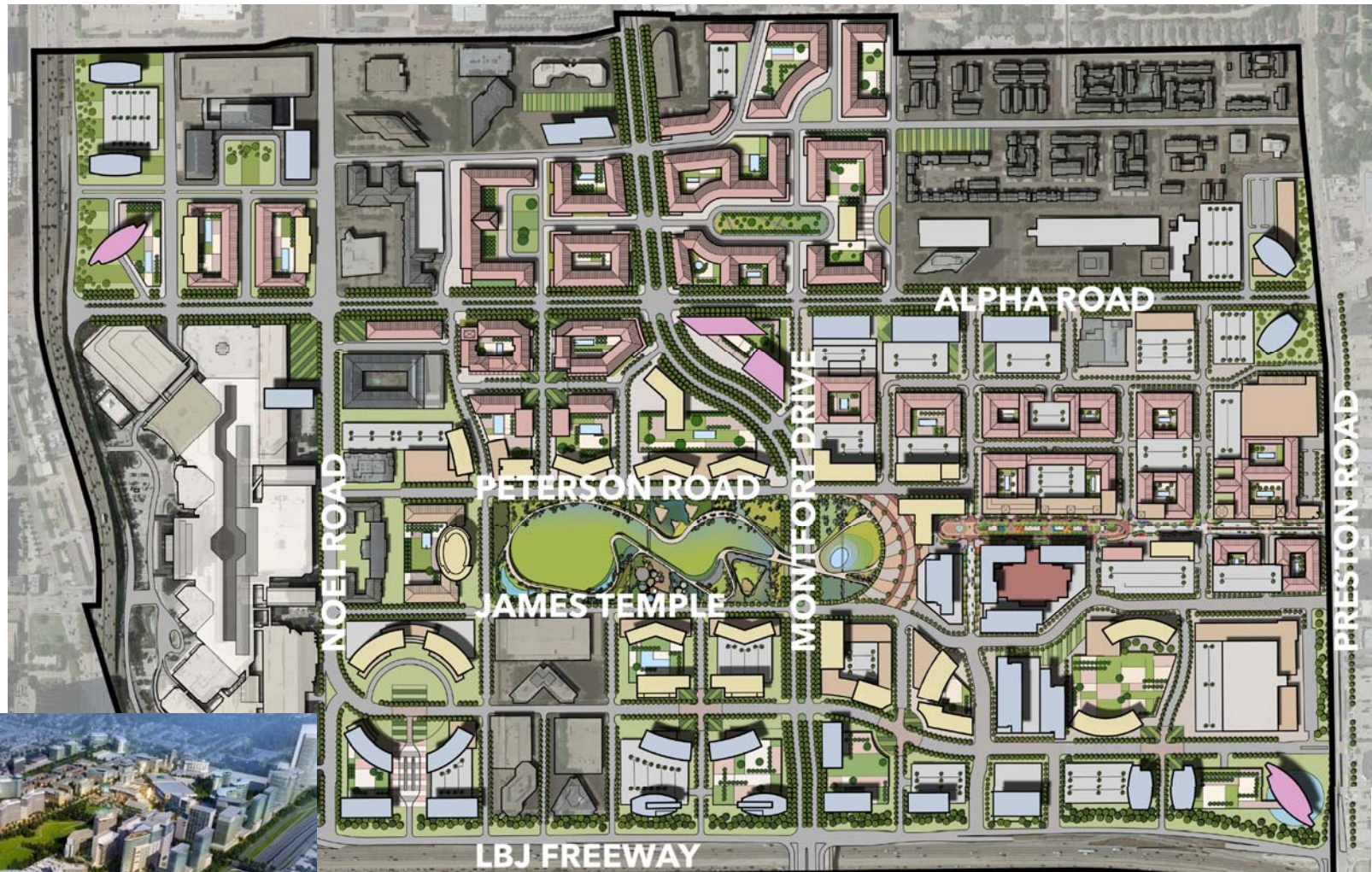


# DALLAS MIDTOWN AUTOMATED TRANSPORTATION SYSTEM STUDY

**Public Open House and Listening Session**



# VISION FOR DALLAS MIDTOWN



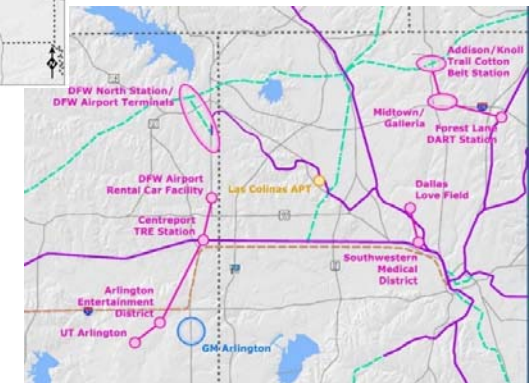
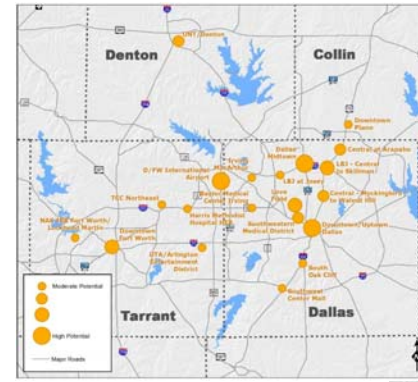
# STUDY TIMELINE



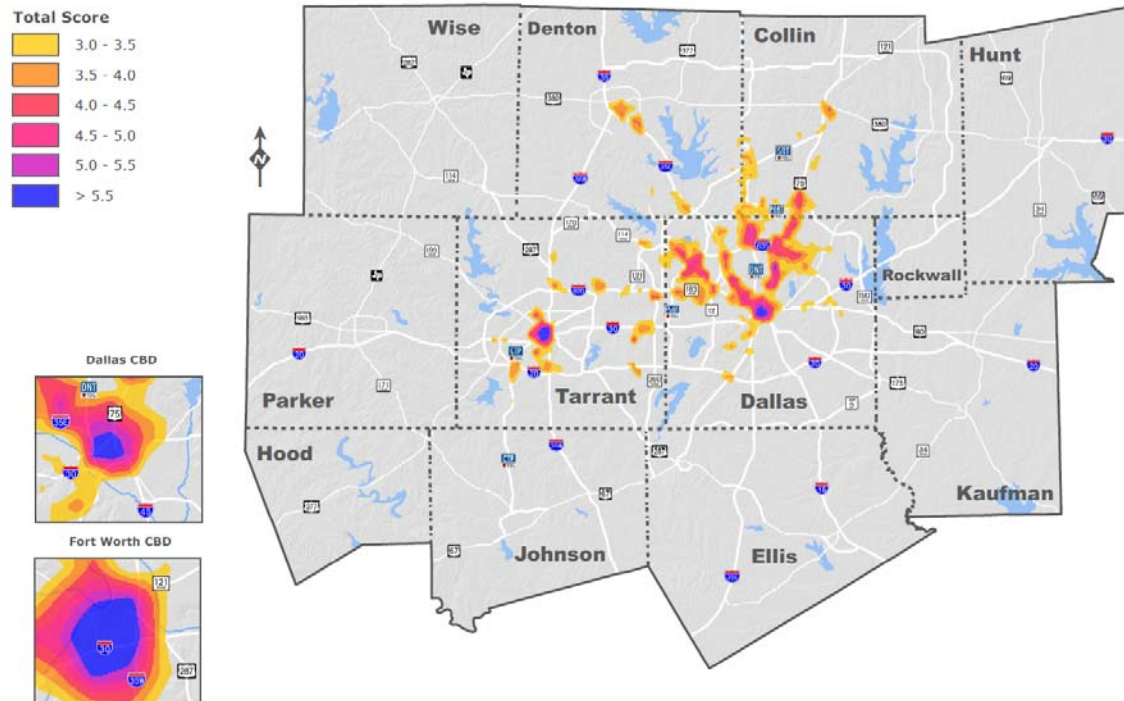
# NCTCOG's PEOPLE MOVER INITIATIVE

North Central Texas Council of Governments' regional efforts have identified multiple locations in the Metroplex where people movers could be viable. Some locations include:

- ❖ Southwestern Medical District – Love Field
- ❖ Dallas Midtown – Active Planning Study
- ❖ GM Test Track in Arlington
- ❖ DFWIA - Arlington Entertainment District – UTA Connector

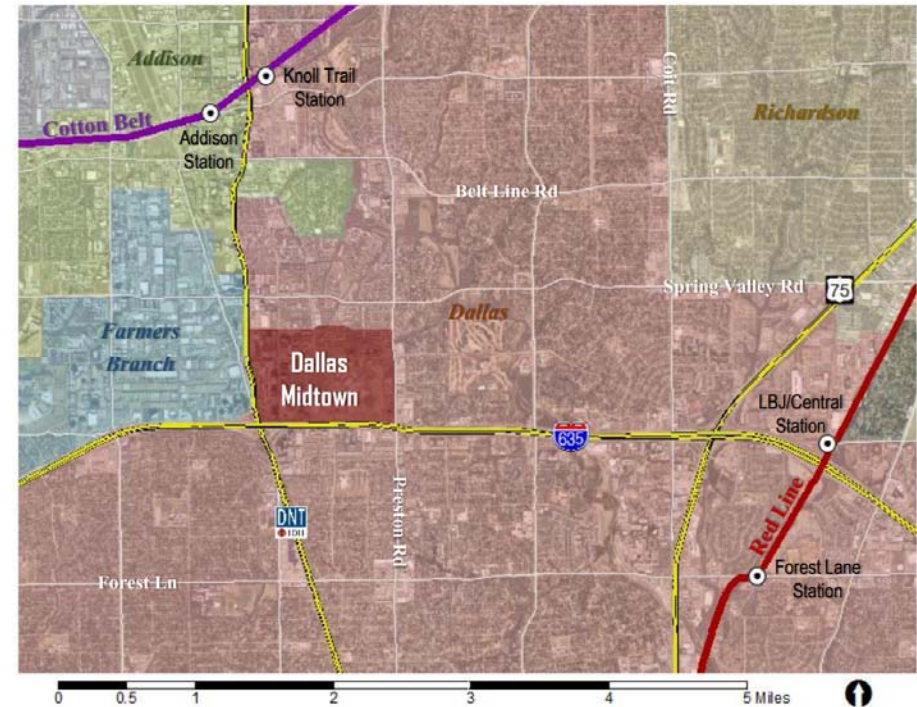


## People Mover Concept Study Spatial Analysis Update



# MIDTOWN ATS STUDY GOALS

1. Evaluate and Determine Feasibility of Regional Connectivity to Midtown Development
2. Explore options for Automated Transportation Systems for Midtown Development
  - ❖ Technology
  - ❖ Alignment
  - ❖ Operational Characteristics
3. Review Automated Transportation System Interaction with Existing and Future Parking Facilities and Strategies
4. Identify Potential Funding and Implementation Strategies



# WHY PEOPLE MOVERS?

## Sustained Regional Growth

- ❖ 120,000+ Pop. & 60,000+ Jobs annually
- ❖ Corporate relocations include Toyota, Liberty Mutual, Jacobs, State Farm and ... Amazon??
- ❖ How do we maintain a high quality of life / livability and attract businesses when we continuously have to accommodate this type of growth?

## Improving Funding for Mobility Improvements

- ❖ Increasing gap between funds available and funds required to maintain acceptable levels of mobility
- ❖ Emphasis on asset management and optimizing system performance

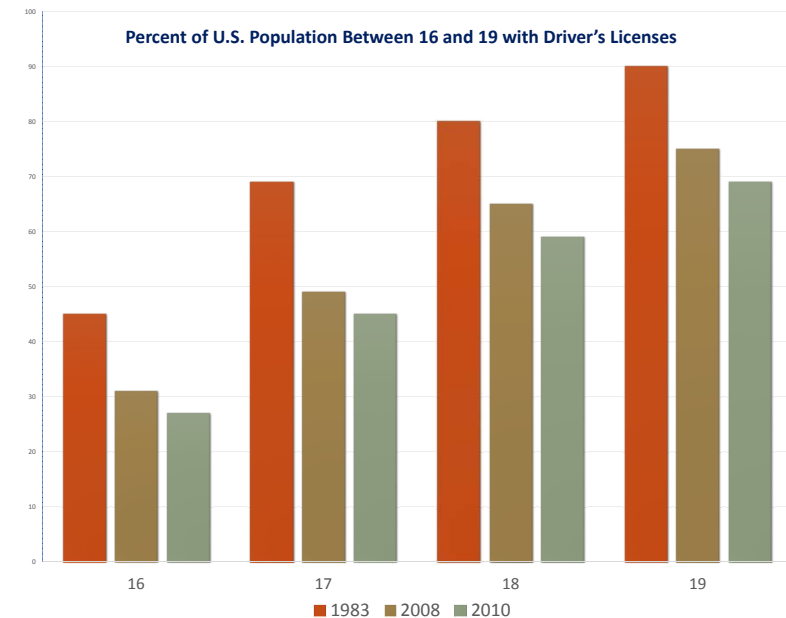
## Changing Mobility Perceptions

- ❖ Millennials have noticeably different attitude towards mobility
- ❖ Improvements in smart vehicle technologies and automated vehicles
- ❖ Growth of affordable rideshare services as last-mile connections



Uptown Dallas Congested with Vehicle and Pedestrian Traffic

Source: Yelp review



Source: U.S. Dept. of Transportation

# WHAT ARE PEOPLE MOVERS?

## Regional People Mover Policies Include:

- ❖ Integrate with existing and planned developments and parking facilities
- ❖ Accommodate freight movements
- ❖ Promote “first and last mile” connections using new technologies
- ❖ Enhance connections with regional transit systems



## Some People Mover Systems in DFW



Skylink at DFW Airport



drive.ai in Frisco

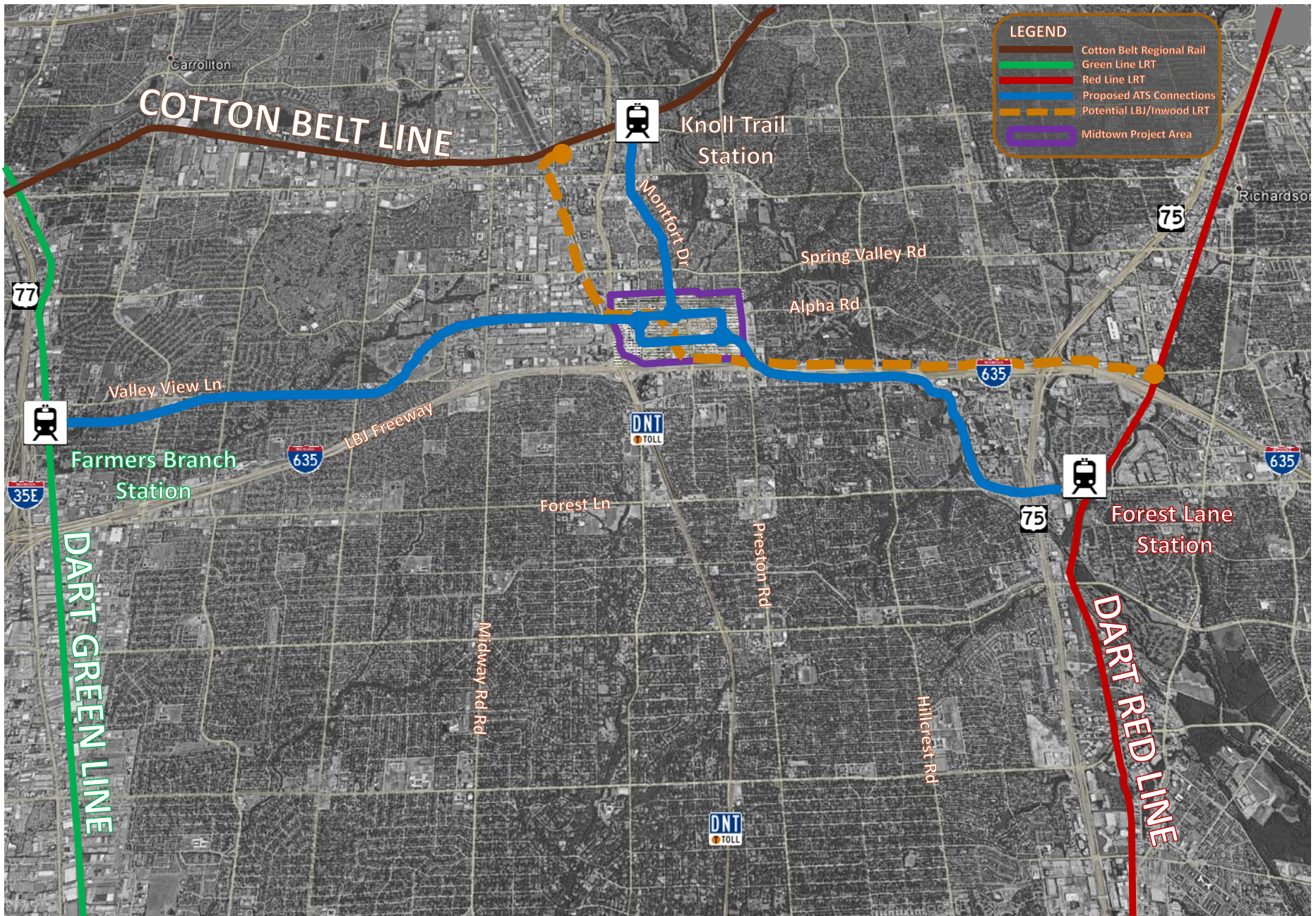


Milo in Arlington



Uber Air (Planned)

# PROPOSED MIDTOWN ATS REGIONAL CONNECTIVITY





# AUTOMATED TECHNOLOGY CONCEPTS



Bombadier INNOVIA APM



Mitsubishi Crystal Mover



Schwager Davis UniTrak



Hitachi Palm Jumeirah Monrail



Doppelmayr Cable Liner Shuttle



Leitner-Poma Mini Metro



Doppelmayr/Garaventa Gondola



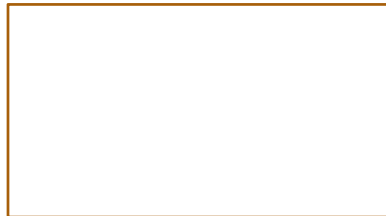
Leitner-Poma Gondola



Leitner-Poma Aerial Tramway



Masdar City PRT

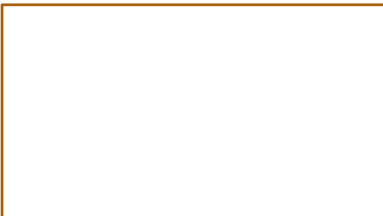


Place a sticker in the box below your favorite concept!

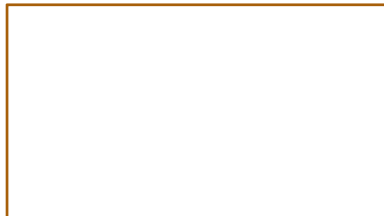
# AUTOMATED TECHNOLOGY CONCEPTS



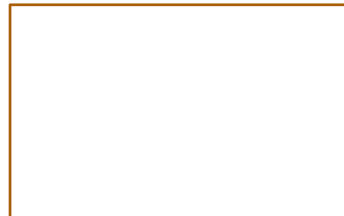
Ultra Global Pod



Suncheon Bay PRT



W. Virginia University PRT



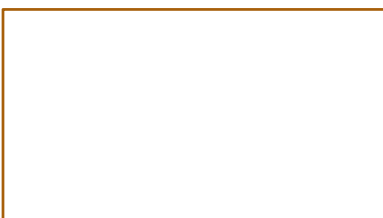
Vectus Group Transit



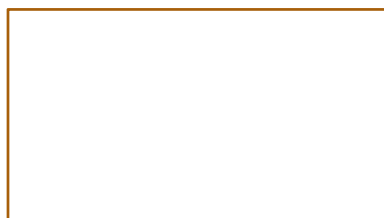
EasyMile's EZ



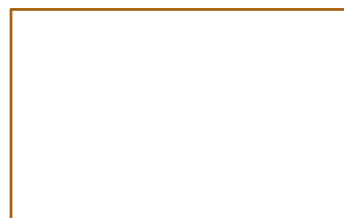
NAVYA's AUTONOM Shuttle



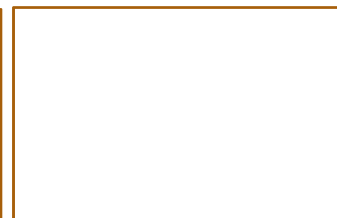
Local Motors' Olli



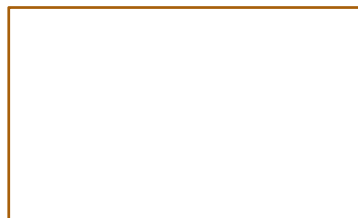
Waymo's I-PACE



E-Palette Concept Vehicle



SEDRIC Concept Vehicle



Place a sticker in the box below your favorite concept!