

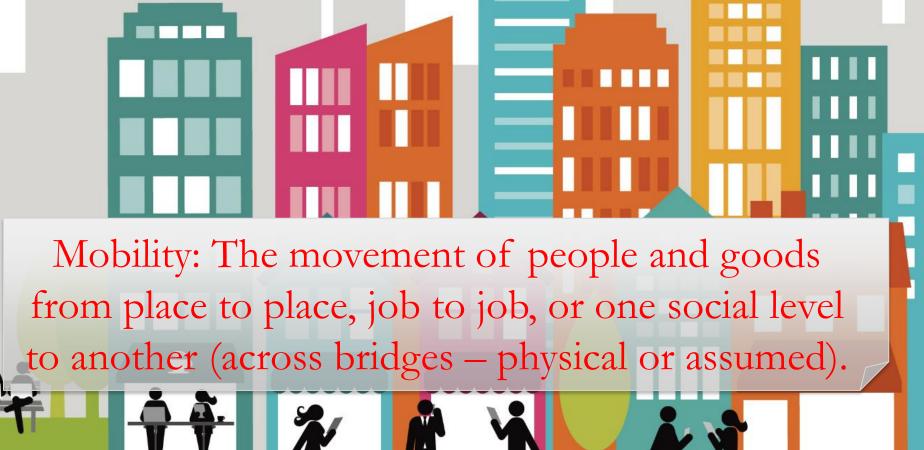


SMART MOBILITY AND SMART CITIES: ACCESS & OPPORTUNITIES

Carla J. Bailo

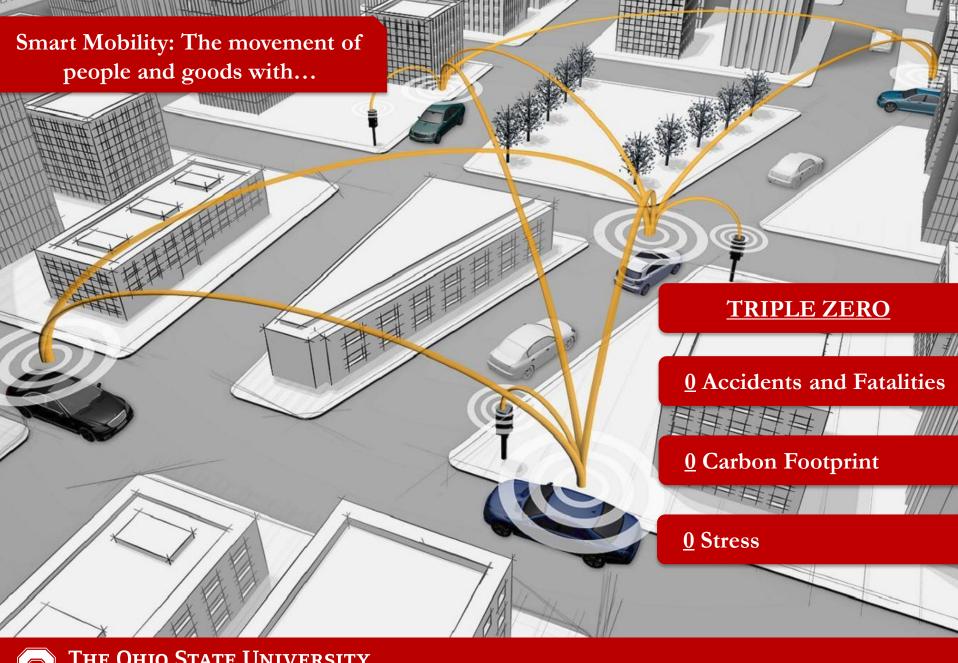
AVP – Mobility Research & Business Development

The Ohio State University







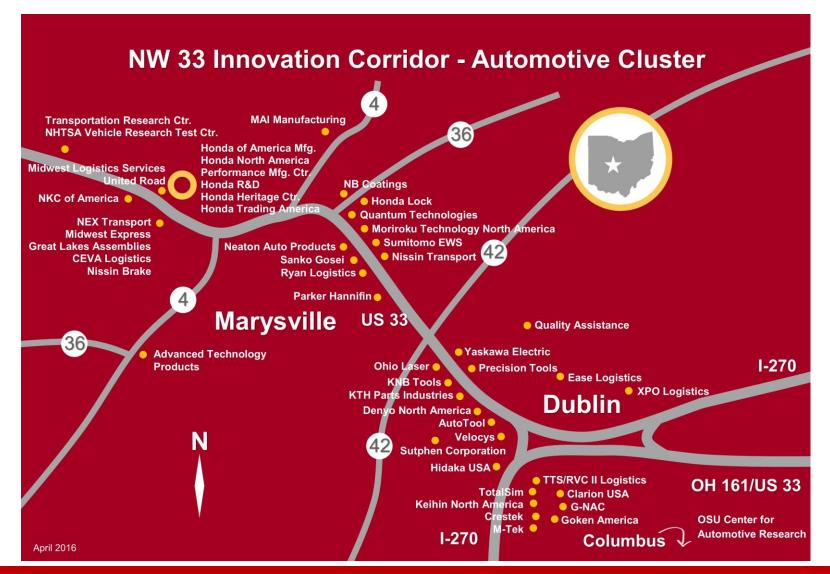


Columbus Smart Mobility

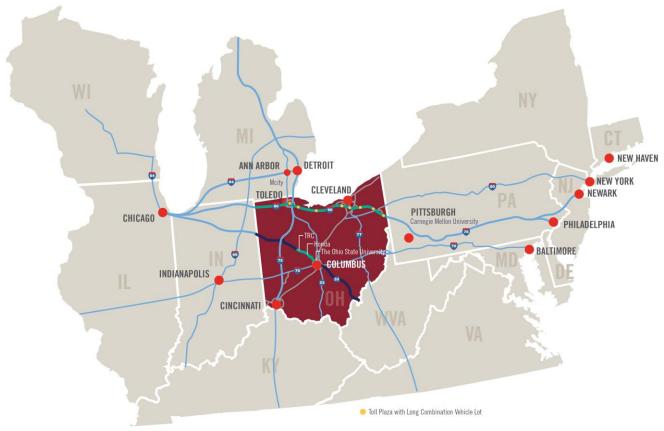
Vision: Ohio leads the nation and world in the development of smart mobility and smart city technologies that have major impact on Ohio transportation industry and drives significant job growth



- NW 33 Innovation Corridor



- Smart Belt Coalition



Facilities:

- I-76
- City of Ann Arbor
- City of Columbus
- Mcity
- TRC

Smart Roads:

- I-75 Corridor
- I-80/I-90 Turnpike
- I-94 Corridor
- US-33 Corridor
- I-76 Corridor

Stakeholders:

- Columbus 2020
- Carnegie Mellon University
- JobsOhio
- Michigan Dept of Transportation
- Ohio Dept of Transportation
- The Ohio State University
- Ohio Turnpike
- Rev1 Ventures (TechColumbus)
- TRC
- University of Michigan





FUTURE MOBILITY SOLUTIONS????

MAAS (MOBILITY AS A SERVICE) ELECTRICFICATION INCLUSIVE MOBILILTY

Who Drives Mobility As a Service?



Opportunity

- "It's all about mobile."
- Getting users connected to their vehicles
- In-transit data for marketing studies
- Auto-navigate to garage for service
- Vehicle loaning





Inclusive Mobility



Paratransit Shuttles

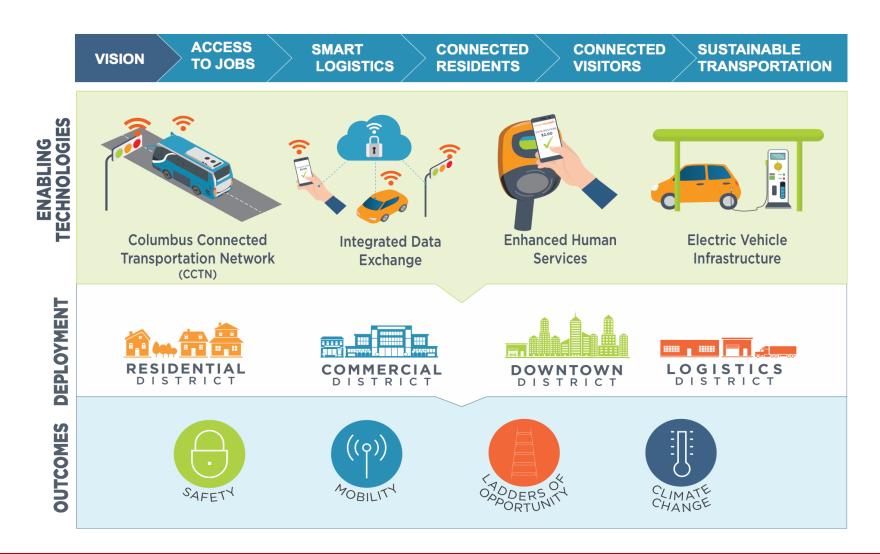




-Smart City Goals



-Smart Columbus Overview



Easton Shuttle

- Moves parking out of hightraffic areas
- Shuttle is wheelchair-accessible
- Mall Expansion can be further from center
 - More space for pedestrians



- Effects



Mobility For All

Lower barriers to success



Sustainable transportation encouraged

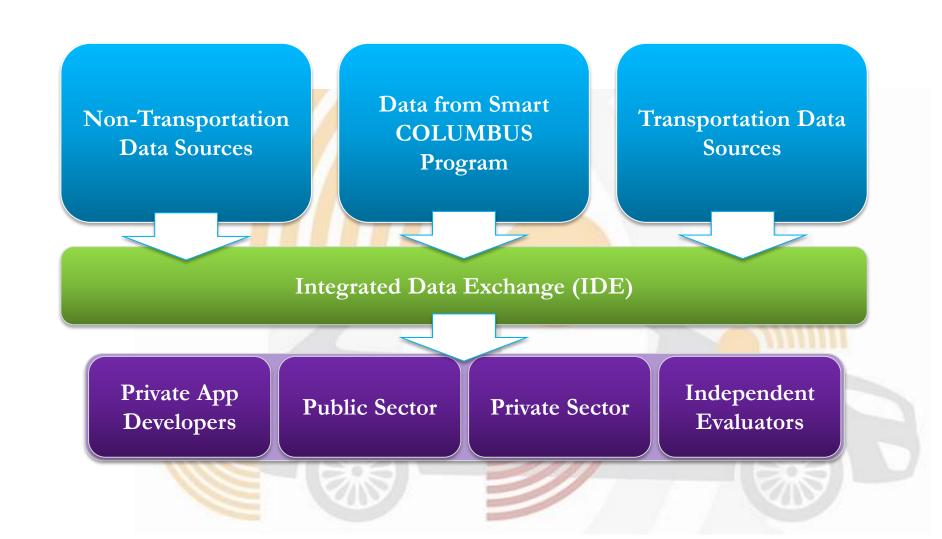
• Greener Transportation Grid



Valuable Data Produced

 Smarter Transportation Solutions

-Integrated Data Exchange

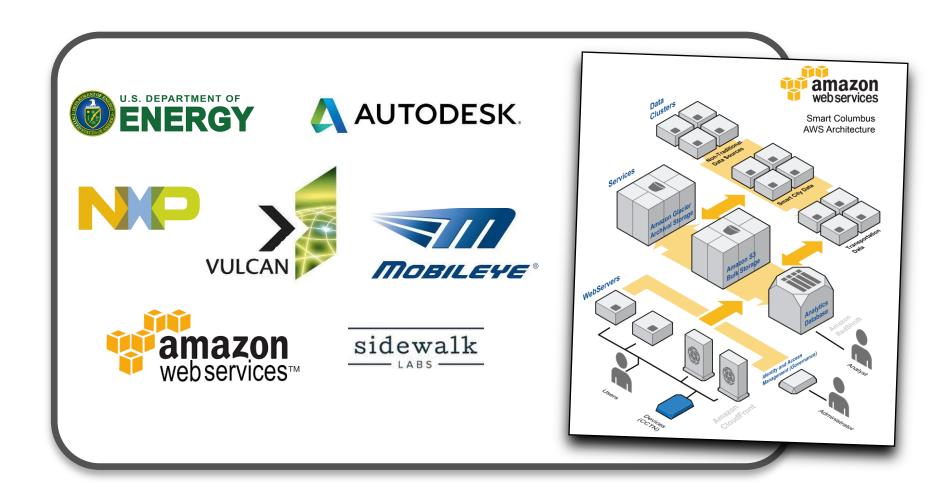


Local Engagement





- Engaging with USDOT Partners



THANK YOU!!! Q&A

