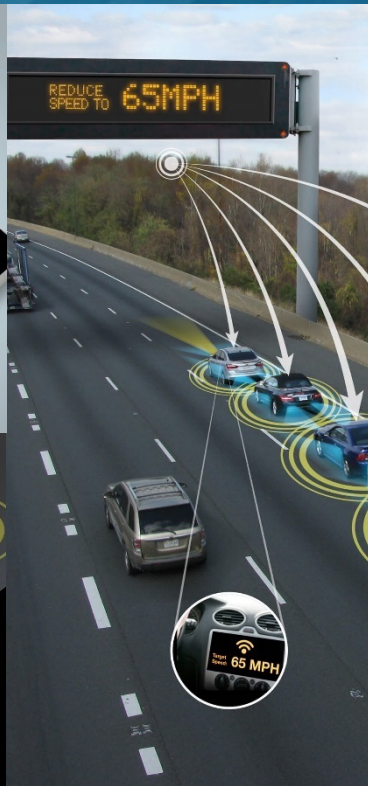
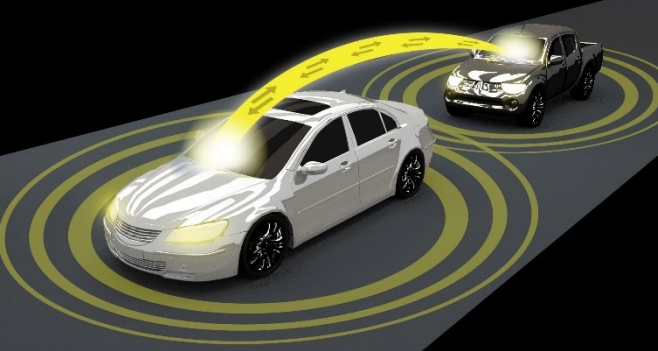




U.S. Department of Transportation



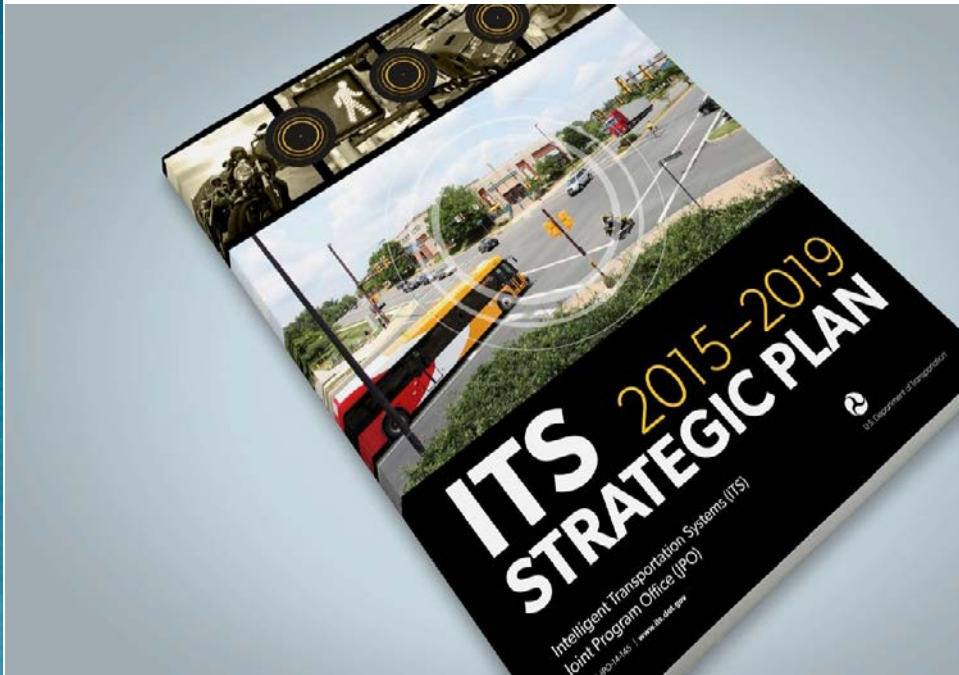
## ITS JPO PROGRAM – A STRATEGY FOR MOBILITY

First National Mobility Summit of USDOT  
University Transportation Centers

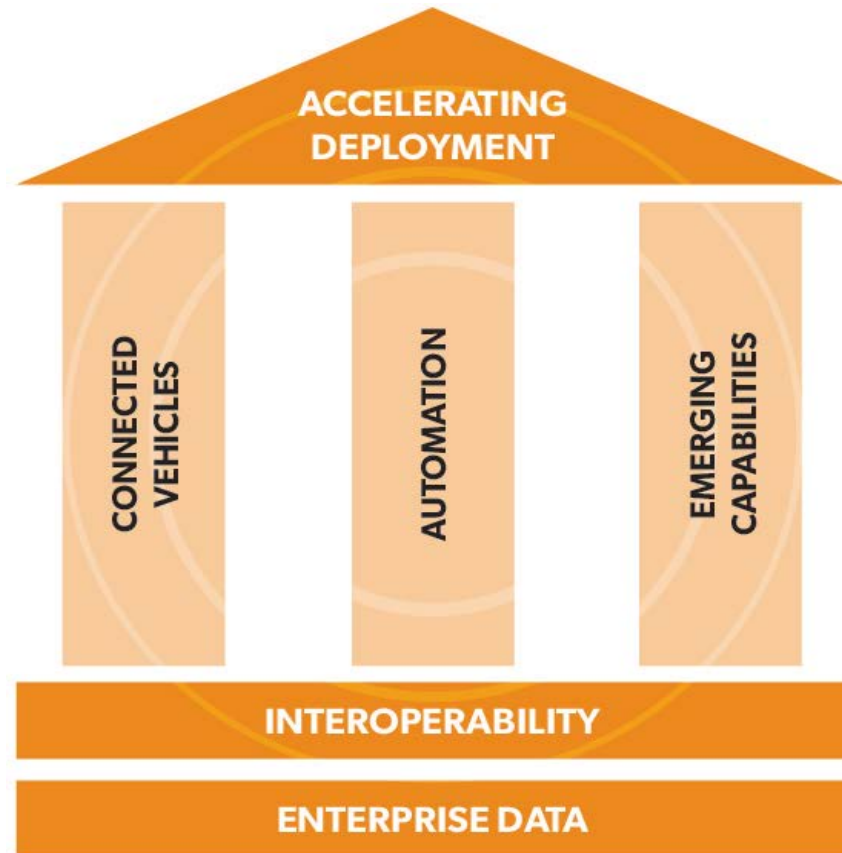
Kenneth M Leonard, Director  
ITS Joint Program Office  
U.S. Department of Transportation

# A STRATEGY FOR MOBILITY

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<http://its.dot.gov/strategicplan/index.html>





Imagine a Transportation System in which  
**VEHICLES CAN SENSE & COMMUNICATE**  
Things That You Can't.

# MOBILITY APPLICATIONS - CONNECTED VEHICLE PILOTS



- Reduce the number and severity of adverse weather-related incidents in the I-80 Corridor in order to improve safety and reduce incident-related delays.
- Focused on the needs of commercial vehicle operators in the State of Wyoming.



- Improve safety and mobility of travelers in New York City through connected vehicle technologies.
- Vehicle to vehicle (V2V) technology installed in up to 10,000 vehicles in Midtown Manhattan, and vehicle to infrastructure (V2I) technology installed along high-accident rate arterials in Manhattan and Central Brooklyn.



- Alleviate congestion and improve safety during morning commuting hours.
- Deploy a variety of connected vehicle technologies on and in the vicinity of reversible express lanes and three major arterials in downtown Tampa to solve the transportation challenges.

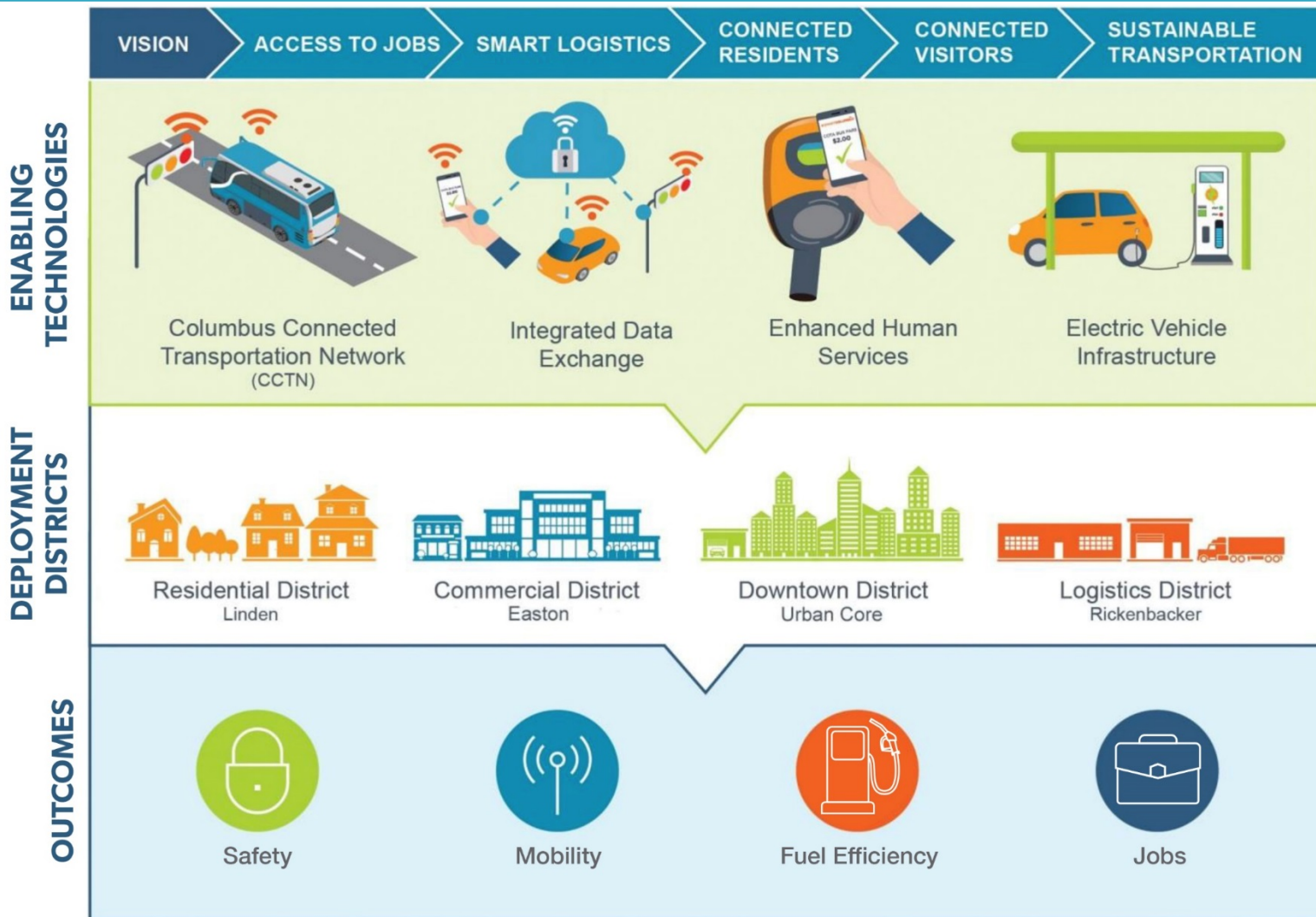
# AUTOMATION VEHICLE INITIATIVES FOR MOBILITY

- Automated Vehicle Policy 2.0
- Automated Vehicle Data Roundtable
  - Work Zone Data Exchange
  - Cyber Security Data Exchange
  - Edge Case Scenarios Data Exchange
- Federal Automated Vehicle Summit
- Automated Vehicle Policy 3.0 ( coming 2018)





# SMART COMMUNITIES WANT MOBILITY



# DATA IS THE NEW OIL FOR MOBILITY

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# ITS DATA PROGRAM ESSENTIAL TO MOBILITY GROWTH

## •Intelligent Transportation Systems Joint Program Office

### •Data Program

•The ITS JPO Data Program is a multimodal effort to enhance how data is managed and used throughout the transportation ecosystem to support the next generation of ITS technologies.



#### •Supporting Deployers with Data Products and Services

- ITS Operational Data Environment
- Privacy Protection Tools
- Agile Development Training



#### •Enhancing Third-Party Access to Data

- Facilitate Data Exchanges
- ITS Public Data Hub
- ITS Secure Data Commons



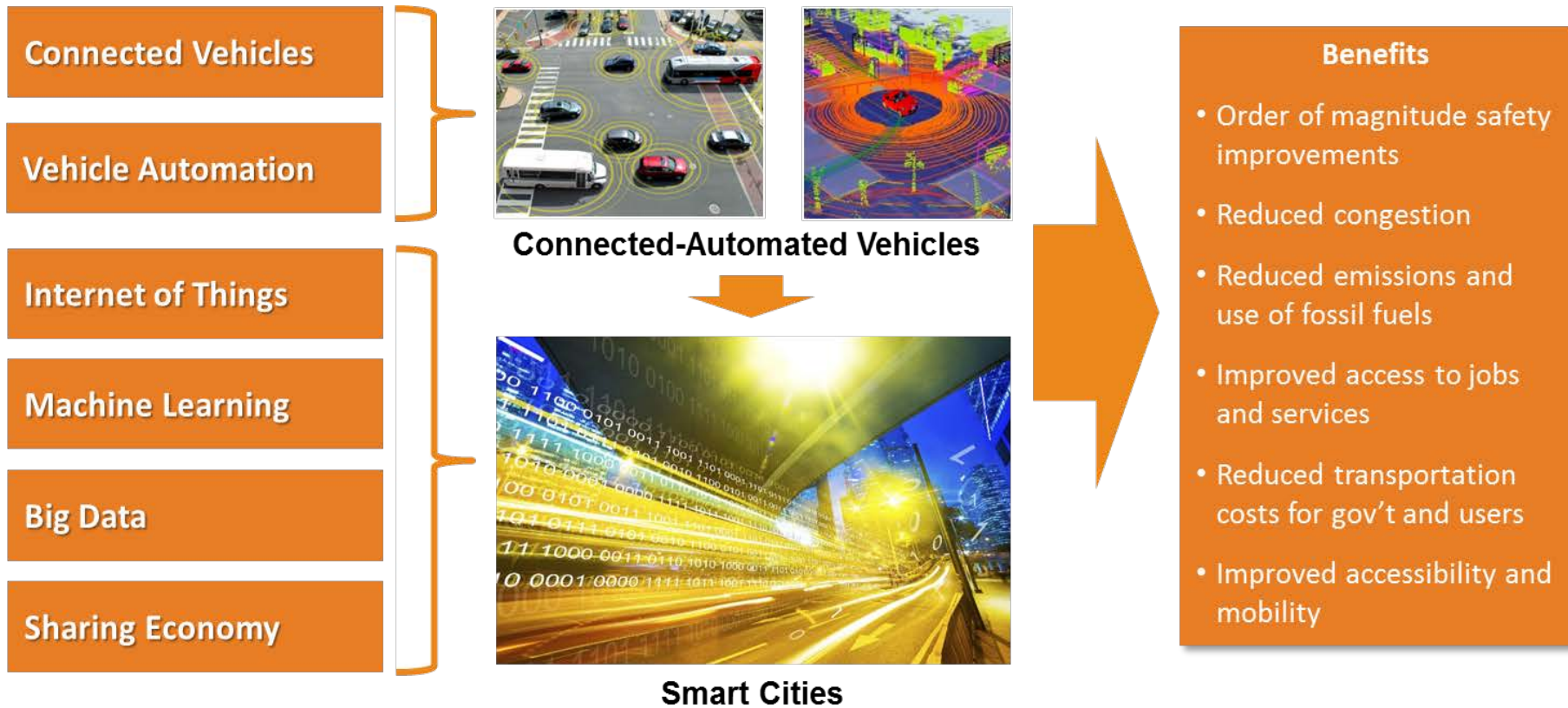
#### •Data Management Priorities

- Digital Transformation
- Enhanced Situational Awareness
- Better Decision Making and AI/ML Tools

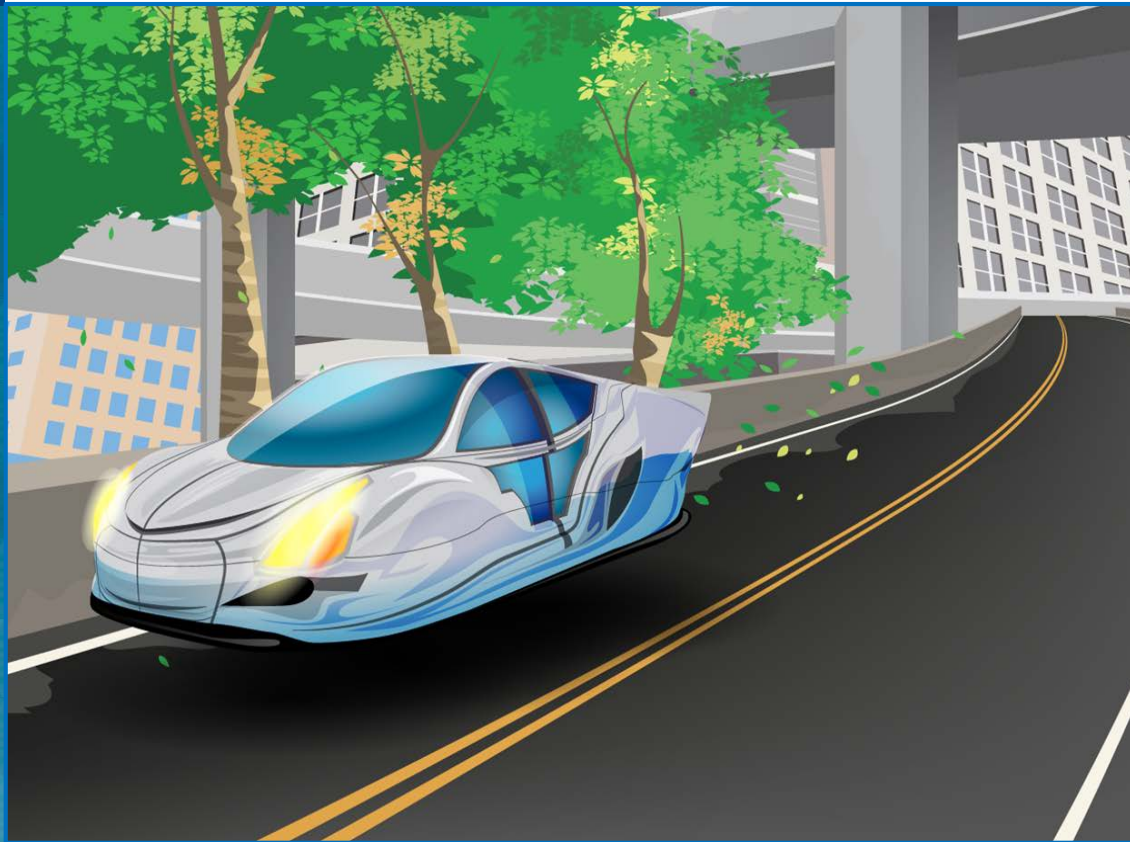


# ADVANCED TECHNOLOGIES FOR MOBILITY

Technology convergence will revolutionize transportation, dramatically improving safety and mobility while reducing costs and environmental impacts



# STAY CONNECTED... TO THE FUTURE



**FOR MORE INFORMATION,  
CONTACT...**

**Kenneth M. Leonard**

U.S. Department of  
Transportation

Intelligent Transportation  
Systems Joint Program Office

[ken.leonard@dot.gov](mailto:ken.leonard@dot.gov)



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