

# National Roadway Digital Infrastructure Strategy

Kickoff Workshop Highlights

January 12, 2023

Workshop presentations and future updates available at:

<https://www.transportationops.org/roadway-digital-infrastructure-activities>

# Fast Facts

- What: National Roadway Network Automation and Digital Infrastructure Workshop
- When: Thursday, January 12, 2023
- Where: At the TRB Annual Meeting in Washington, D.C.
- TRB Sponsoring Committees: Regional Transportation Systems Management and Operations (ACP10), Intelligent Transportation Systems (ACP15), Vehicle-Highway Automation (ACP30), & Information Systems and Technology (AED30)
- Very strong attendance (150+ attendees)
- Speakers from AASHTO, Cisco, Google, ITS JPO, ICF, ITS America, SAE & USDOT HASS COE
- Multi-modal participation from across the US and international surface transportation ecosystem
- Two interactive breakout sessions to launch collaboration

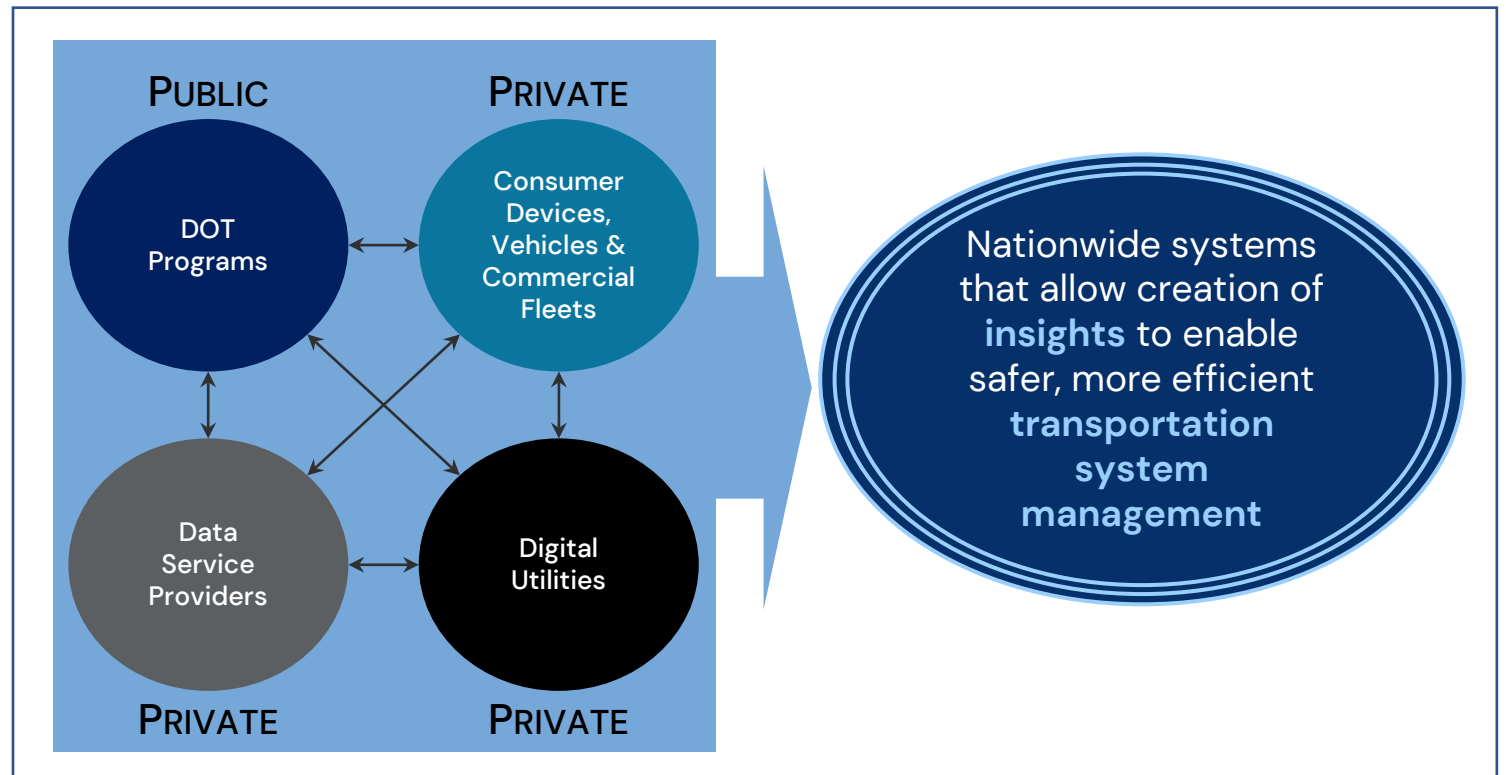


Photo courtesy of J. Corbin

# Goal: Launch Strategy Development

Need a win/win approach to deliver on national goals for the transportation system

- **Collaborate** across sectors
- **Integrate** new technologies and services
- **Evolve** flexibly

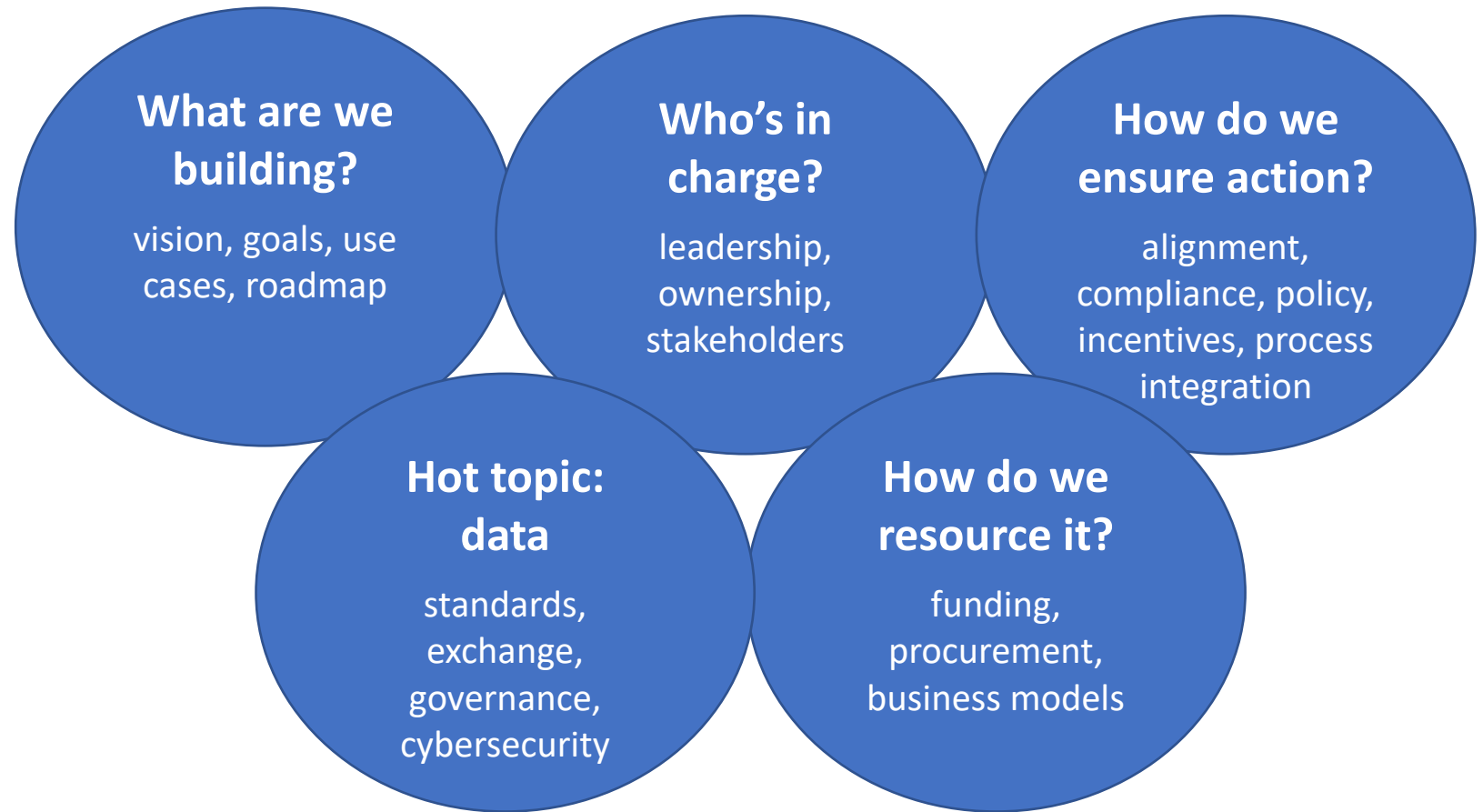


# Collaboration Step 1: Process

- Participants collaborated in two Breakout sessions to determine:
  - What are the **top 3-5 BARRIERS** today in terms of roadway digital infrastructure as it exists and is being developed?
  - What are the **3-5 priority SERVICES** we should enable using a future national roadway digital infrastructure?
  - What top **DECISIONS** do we need to make around a unified national roadway digital infrastructure?
  - How else can the Strategy help?
- High energy discussions generated 15 group perspectives on each question, with additional individual contributions in online tool

# Collaboration Step 1: Highlights

- Detailed results synthesis is ongoing and will be posted when complete
- Initial review of discussion results revealed consistent sets of concepts
- This input will guide development of Strategy Scope and Structure



*Thank you to everyone who contributed!*

# Want to Influence the RDI Strategy?



- Stakeholder collaboration continues throughout the program
- Details re: upcoming Q1 focus group activities will be announced soon
- Collaboration opportunities at ITS America Annual Meeting in April
- Email [Virginia.Lingham@icf.com](mailto:Virginia.Lingham@icf.com) to join the mailing list!
- Event presentations and updates available at:  
<https://www.transportationops.org/roadway-digital-infrastructure-activities>