How is policy evolving with emerging technologies?

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Emerging Technologies are ACES...
AUTOMATED
CONNECTED
ELECTRIC
SHARED
Defining the Levels of Vehicle Automation

**LEVEL 0**
- There are no autonomous features.

**LEVEL 1**
- These cars can handle one task at a time, like automatic braking.

**LEVEL 2**
- These cars would have at least two automated functions.

**LEVEL 3**
- These cars handle “dynamic driving tasks” but might still need intervention.

**LEVEL 4**
- These cars are officially driverless in certain environments.

**LEVEL 5**
- These cars can operate entirely on their own without any driver presence.

*Source: SAE & NHTSA*
In 2017, a Colorado bill allows automated driving systems to control motor vehicles. We saw the first automated beer run.
In Florida, truck platooning requires change to “Following too closely” law
AUTOMATED
CONNECTED
ELECTRIC
SHARED
We are connected today
The River to Sea TSM&O Master Plan is building a connected environment.
What else can we do **today**?

Share parking information
AUTOMATED CONNECTED ELECTRIC SHARED
Are we ready for **electric vehicles**?
Provide EV charging where your community wants to park
AUTOMATED CONNECTED ELECTRIC SHARED
We know how to provide parking
Is our curb space ready for rideshare?
Cars aren’t the only shared rides today
Key Take-Aways

- ACES: Automated, Connected, Electric, and Shared
- Invest in your communications
  - TSM&O Master Plan is laying the framework
  - Parking sensors reduce circulation trips
  - AVs will benefit from information sharing
- Manage your curb space
  - Rideshare & automated vehicles need pick-up/drop-off areas
- Attract electric vehicle (EV) users
  - Install EV charging infrastructure in new construction
  - Require minimum % of EV spaces
- Budget maintenance of these new systems
  - Communications
  - EV charging

Thank you!
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