# MARYLAND
# CONNECTED & AUTOMATED VEHICLE
# *STRATEGIC FRAMEWORK*

## FEBRUARY 2024

Maryland is eager to realize the life-saving benefits of Connected & Automated Vehicle (CAV) technology, while ensuring the safety of all who travel Maryland's transportation network. The Maryland CAV Working Group developed a statewide **Maryland CAV Strategic Framework.** It is our belief that we can save lives and that the real risk is lack of action: keeping the status quo will mean that hundreds of lives every year in Maryland will continue to be lost due to traffic-related crashes. This document presents a strategic framework for Maryland that is meant to inform, guide, and empower stakeholders to build their own implementation plans for CAV within their work and life environments. It demonstrates Maryland's continued focus and intention to realize the many life-saving and economic benefits of CAV technology, while continuing to prioritize collaboration across the state.
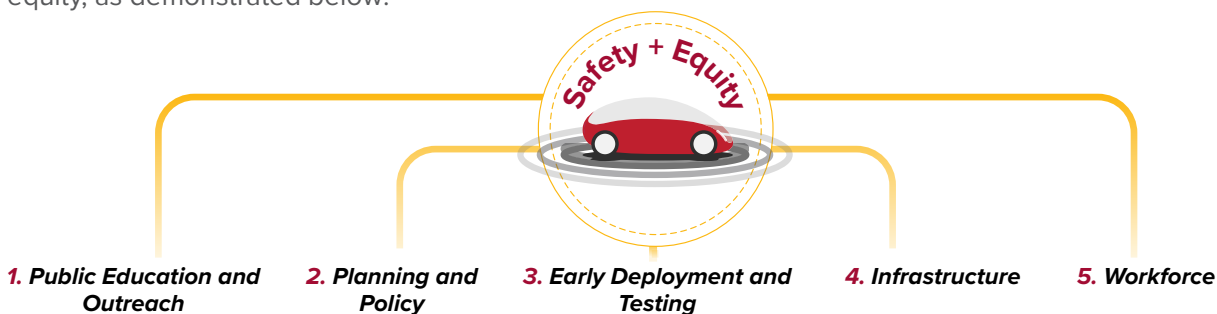
### Survey Findings

**2/3** of respondents suggested that "doing nothing" is not an option.

The Framework was built with input from over 600 responses and one-on-one stakeholder conversations spanning across research and academia, for-profit and non-profit associations, emergency responders (e.g., law enforcement and rescue), various levels of government, CAV-related service businesses or developers, vehicle manufacturers, and members of the public with a general interest in CAV technology.

Five key focus areas rise to the top for Maryland, which are clearly included in the core values of safety and equity, as demonstrated below:



**Safety + Equity**

**1.** *Public Education and Outreach*    **2.** *Planning and Policy*    **3.** *Early Deployment and Testing*    **4.** *Infrastructure*    **5.** *Workforce*

Recommendations within the Framework allow Maryland stakeholders to stake a claim in the realm of CAV technology implementation for their communities while providing a sense of direction for all of Maryland. It characterizes where Maryland stands today and offers where to go next, including strategies for state agencies, academia, and private industry. Ultimately, the Framework encourages Maryland champions to rise to the occasion and bring their ideas to the drawing board to integrate CAV technology safely, efficiently, and equitably.

Maryland is making **a call to action** to all State and local agencies, private and academic partners, and the public to create implementation plans that align CAV technology strategies with this Framework and result in improved end-to-end mobility.

Contact the
Maryland CAV Program at
*CAVMaryland@mdot.maryland.gov!*

To learn more about CAV initiatives in Maryland, please visit our landing page. 🌐