UPSTATE MOBILITY ALLIANCE
TECHNOLOGY & INNOVATION

Upstate South Carolina is a region with a long history of manufacturing automobiles, tires, and various other transportation components. The Technology and Innovation Task Force will focus on how to leverage existing assets and capabilities to expand our identity within a growing Future of Mobility (FoM) Ecosystem, as well as better position ourselves to create deeper industry engagement opportunities for the mobility and transportation needs of our Region.

Goals:

- Advanced and Innovative Technologies are appropriately integrated into the development of new mobility projects and investments.
- Increase funding that supports the use of advanced transportation technology.
- Position the Upstate to be a leader in transportation technology and innovation.
- Leverage technology and innovation for the Upstate's manufacturing and logistics economy.

Focus Areas:

Understanding Technology - Leverage established regional entities (i.e. CU-ICAR, Michelin, BMW, etc.) to ensure we understand the latest innovations related to transportation and mobility.

Safety & Congestion Mitigation - There is a specific element of transportation technology that can help advance safety for pedestrians, bikers and vehicles. Additionally, technology can play a role in mitigating congestion through traffic signals and other areas of technology that are currently under-utilized.

Integrating Current Technologies - Work with Upstate communities to identify currently available technologies that are not being used in Upstate communities that would support improved mobility.

Data Driven Decision Making - Using data and technology to analyze transportation and mobility problems and how they can best be addressed.

Potential Actions:

- Establish a regional transportation inventory of existing projects that have deployed or are soon to deploy.
- Champion prioritizing technology and innovation within the focus areas.
- Work with local industries and organizations to develop a regional "mobility technology consortium" consisting of those in the field of innovation as well as mobility to look at current and future technologies and how they could enhance mobility.
- Create a framework for how to ensure advanced technology is incorporated into future projects and investments.
- Create a "regional transportation technology toolbox" for local municipalities to use when considering policy changes and transportation investments.