

## Expand Transportation Infostructure

Policy Element Strategy	Implementation Action	Key Partners
<p><b>Deploy surface transportation infrastructure to support automated, connected, electric, and shared vehicles (ACES)</b> and other emerging technologies, such as deployment of roadside sensors and communication systems, electric vehicle charging stations, electronic payment, and positive train control technologies.</p>	<ul style="list-style-type: none"> <li>Determine eligibility of surface transportation technology infrastructure to support automated, connected, electric, and shared vehicles for Strategic Intermodal System (SIS) and other funding programs, with emphasis on improving safety and mobility.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, MPOs, expressway authorities, transit providers, local governments</li> </ul>
	<ul style="list-style-type: none"> <li>Implement Electric Vehicle Infrastructure Master Plan for electric vehicle charging infrastructure on the State Highway System.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, DACS, PSC</li> </ul>
	<ul style="list-style-type: none"> <li>Implement best practices for how public agencies can support shared mobility options, such as proactive policy, regulatory, infrastructure, and land use changes.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, expressway authorities, transit service providers, local governments</li> </ul>
<p><b>Support statewide broadband connectivity</b>, particularly for rural and underserved areas, to supplement access to services and expand use of transportation technologies.</p>	<ul style="list-style-type: none"> <li>Complete development of the Florida Broadband Strategic Plan; consider transportation needs for broadband and opportunities for transportation agencies and assets to support broadband deployment.</li> </ul>	<ul style="list-style-type: none"> <li>DEO</li> </ul>
	<ul style="list-style-type: none"> <li>Define transportation agency policies and programs for improving broadband access in support of transportation needs, as well as using transportation right of way and other assets to support broader statewide goals such as enhancing connectivity to unserved and underserved areas.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, MPOs, expressway authorities, local governments</li> </ul>
<p><b>Adapt and accommodate emerging air and space technologies</b> such as next-generation air traffic control systems, urban air mobility, unmanned aerial systems, and space-based communication networks.</p>	<ul style="list-style-type: none"> <li>Identify and implement effective approaches for supporting urban air mobility, unmanned aerial systems, and commercial space transportation as choices for moving people and goods, as well as supporting space-related technologies with broader economic and community benefits. Identify potential public sector roles related to policies, regulations, infrastructure, and partnerships.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, Florida Airports Council, Space Florida, Enterprise Florida/ Florida Defense Alliance, Autonomous Florida</li> </ul>

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<b>Adapt and accommodate emerging logistics technologies</b> at seaports, air cargo facilities, intermodal logistics centers, rail corridors and terminals, and heavy truck corridors.	<ul style="list-style-type: none"> <li>Expand use of technology for efficient movement of freight at bottlenecks and at SIS hubs; document effective practices and identify opportunities for scaling solutions.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, seaports, airports, railroads, intermodal logistics centers</li> </ul>
	<ul style="list-style-type: none"> <li>Support the shift to natural gas, electric power, and other alternative fuels for freight vehicles, through identifying proactive policy changes and facilitating alternative fuel infrastructure at key hubs (such as seaports and intermodal logistics centers) and along major trade corridors.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, expressway authorities, railroads/terminal operators, seaport authorities, airports, Space Florida, DACS</li> </ul>
<b>Support smart region/city initiatives</b> to leverage transportation technology and data to support economic development, public health and safety, and quality of life goals.	<ul style="list-style-type: none"> <li>Evaluate initial smart city/smart region initiatives to identify lessons learned and potential policy changes.</li> </ul>	<ul style="list-style-type: none"> <li>Local governments, MPOs, RPCs, with support from FDOT and DEO</li> </ul>
	<ul style="list-style-type: none"> <li>Scale existing and create new smart city/smart region initiatives by leveraging connectivity and data to enhance mobility and other regional/community goals in all regions of the state.</li> </ul>	<ul style="list-style-type: none"> <li>Coalitions of MPOs, RPCs, local governments</li> </ul>
<b>Identify, respond to, and mitigate cybersecurity and data security threats</b> related to transportation systems.	<ul style="list-style-type: none"> <li>Continue proactive development of secure platforms (such as CAV and V2X) for sharing data produced by emerging technologies and owned by transportation agencies for transportation system planning and management purposes,</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, other partners</li> </ul>
	<ul style="list-style-type: none"> <li>Develop or refine policies regarding privacy and security for data produced, collected, and shared through emerging technologies,</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, other partners</li> </ul>
<b>Cross cutting to support all strategies</b>	<ul style="list-style-type: none"> <li>Inspire innovation throughout the transportation system by encouraging agencies and partners to continually assess how their culture, workforce, and processes facilitate identification and advancement of innovative technologies and practices.</li> </ul>	<ul style="list-style-type: none"> <li>All</li> </ul>
	<ul style="list-style-type: none"> <li>Monitor and track trends regarding deployment of advanced technologies and other innovations; identify indicators and performance measures that can be tracked over time, with emphasis on safety and mobility.</li> </ul>	<ul style="list-style-type: none"> <li>FDOT, MPOs, transit providers, expressway authorities, Autonomous Florida</li> </ul>