

## FTP Strategies and ACES Subcommittee Recommendations

ACES Subcommittee Recommendation	FTP Policy Element Strategy											
	Align investments & goals	Provide sustainable funding sources	Develop & retain skilled workforce	Commit to Vision Zero	Identify & mitigate risks	Transform major corridors & hubs	Complete transport networks	Expand transport infrastructure	Prioritize mobility for people & freight	Enhance access to opportunity	Integrate land use & transport	Protect water, air, lands, habitat
<b>Customers</b> <ul style="list-style-type: none"> <li>All customer groups</li> <li>Special events/emergencies</li> <li>Public awareness/education</li> <li>Customer values/preferences</li> </ul>					•				•	•		
<b>Economic &amp; Workforce Development</b> <ul style="list-style-type: none"> <li>Agile policies/regulations</li> <li>Business efficiency</li> <li>Skilled workforce</li> </ul>			•					•	•		•	
<b>Infrastructure &amp; Design</b> <ul style="list-style-type: none"> <li>Prepare SIS for ACES</li> <li>Innovative corridor design</li> <li>Innovative community design</li> </ul>				•	•	•	•	•	•	•	•	•
<b>Technology &amp; Data</b> <ul style="list-style-type: none"> <li>Public and private roles</li> <li>Data management</li> <li>Data and analysis tools</li> <li>Privacy/information security</li> <li>Cybersecurity</li> </ul>								•				
<b>Partnerships</b> <ul style="list-style-type: none"> <li>Nontraditional partners</li> <li>Public/private partnerships</li> </ul>	•	•	•	•	•	•	•	•	•	•	•	•
<b>Planning</b> <ul style="list-style-type: none"> <li>Agile process</li> <li>Link planning &amp; operations</li> <li>Refocus on safety &amp; mobility</li> </ul>	•		•	•	•	•	•	•	•	•	•	•
<b>Funding</b> <ul style="list-style-type: none"> <li>Flexible public sector funding</li> <li>Future funding model</li> </ul>	•	•	•	•	•	•	•	•	•	•	•	•

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## Expand Transportation Infostructure

Policy Element Strategy	Relevant ACES Subcommittee Recommendation	Existing Implementation Examples	Potential Implementation Opportunities and Gaps
<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>• Prepare the Strategic Intermodal System for ACES, including expanding eligibility of transportation technology infrastructure investments for SIS funding and leveraging effective practices across the entire transportation system</li> <li>• Advance innovative corridor design concepts to incorporate emerging technologies and energy sources</li> </ul>	<ul style="list-style-type: none"> <li>• Preparing the SIS for ACES study (FDOT)</li> <li>• CAV Business Plan and demonstration projects (FDOT)</li> <li>• Florida Electric Vehicle Roadmap (DACS)</li> <li>• Electric Vehicle Infrastructure Master Plan (FDOT)</li> <li>• FHWA Connected Vehicle Pilot (THEA)</li> <li>• SunTrax (FDOT/FTE)</li> <li>• Autonomous Florida (Florida Chamber of Commerce)</li> <li>• Truck Parking Availability System (FDOT)</li> <li>• ACES readiness studies/incorporation into long-range plans (multiple MPOs)</li> </ul>	<ul style="list-style-type: none"> <li>•</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>• Develop technology infrastructure and platforms that will support mobility needs and serve as a platform for business efficiency and investment in Florida</li> </ul>	<ul style="list-style-type: none"> <li>• Statewide Broadband Strategic Plan (DEO)</li> <li>• Broadband deployment in right of way of multi-use corridors, including new funding program (FDOT)</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>

Policy Element Strategy	Relevant ACES Subcommittee Recommendation	Existing Implementation Examples	Potential Implementation Opportunities and Gaps
<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>•</li> </ul>	<ul style="list-style-type: none"> <li>• Range of the Future Task Force (U.S. Space Force/Space Florida)</li> <li>• Spaceport of the Future Task Force (U.S. Space Force/Space Florida)</li> <li>• Technological advancement of air launch platforms for freight and passengers (Virgin Galactic, SpaceX, etc.)</li> <li>• Rapid proliferation of small launch vehicle technologies (multiple industry partners)</li> <li>• Vertiport for all-electric, vertical take-off and landing (eVTOL) jet aircraft (Lake Nona, City of Orlando, Lilium, Tavistock)</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<p><b>Adapt and accommodate emerging logistics technologies</b> at seaports, air cargo facilities, intermodal logistics centers, rail corridors and terminals, and heavy truck corridors</p>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• F.S. 316.2071 enables personal delivery device and mobile carriers</li> <li>• Seaport Alternative Fuels Study (Florida Ports Council and Florida Natural Gas Association)</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<p><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.</p>	<ul style="list-style-type: none"> <li>• Work with metropolitan planning organizations and local governments to advance innovative transportation and community design concepts that enhance safety, mobility, and accessibility</li> </ul>	<ul style="list-style-type: none"> <li>• Smart region/city initiatives (e.g., North Florida, Central Florida, Tampa Bay, Miami)</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>

Policy Element Strategy	Relevant ACES Subcommittee Recommendation	Existing Implementation Examples	Potential Implementation Opportunities and Gaps
<p><b>Identify, respond to, and mitigate cybersecurity and data security threats</b> related to transportation systems</p>	<ul style="list-style-type: none"> <li>• Protect customer privacy and information security related to new technologies</li> <li>• Ensure security of transportation technologies and systems, including development of cybersecurity standards and risk identification, mitigation, and response plans</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>

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