

Goal: Transportation Solutions that Support Florida’s Environment and Conserve Energy

FTP Implementation Committee Champion: Janet Bowman, The Nature Conservancy

FDOT Champion: Jim Wood, Chief Planner

Objectives

1. Plan and develop transportation systems and facilities in a manner that protects, and where feasible, restores the function and character of the natural environment and avoids or minimizes adverse environmental impacts
2. Decrease transportation-related air quality pollutants and greenhouse gas emissions
3. Increase the energy efficiency of transportation
4. Increase the diversity of transportation-related energy sources, with emphasis on cleaner and more efficient fuels

Implementation Actions	Objectives Supported	Other Goals Supported	Measures of Success	Key Partners	Status
<p>Continue to strengthen coordination between transportation planning and environmental planning.</p> <p>Address conservation and recreation lands, wildlife habitat corridors, water quantity and quality, air quality including greenhouse gas emissions, risks from extreme weather events and other environmental conditions, noise, and related issues at appropriate points in the planning process. Develop guidelines to institutionalize linkages among plans and processes.</p> <p>Develop advanced, large-scale approaches to environmental mitigation that accomplish transportation and environmental stewardship goals together, such as coordination on land purchases and easements and water storage, treatment, and drainage. Consider public/private partnership opportunities.</p>	1, 2	Infrastructure Quality Places	<p>Performance measures</p> <ul style="list-style-type: none"> • Water quality- wetland mitigations • Wildlife crossings <p>Progress indicators</p> <ul style="list-style-type: none"> • Advanced identification of large scale mitigation opportunities 	<p>Florida DOT</p> <p>Florida Department of Environmental Protection</p> <p>Florida Fish and Wildlife Conservation Commission</p> <p>Florida Department of Agriculture and Consumer Services</p> <p>Water management districts</p> <p>Environmental partners (The Nature Conservancy, 1000 Friends of Florida, Audubon of Florida, Defenders of Wildlife, etc.)</p>	Needs further discussion with partners. Tie to Future Corridor Planning Process.

Implementation Actions	Objectives Supported	Other Goals Supported	Measures of Success	Key Partners	Status
<p>Continue to implement strategies to reduce transportation-related air quality pollutants including greenhouse gas emissions.</p> <p>Strategies may include more efficient system operations and management, more efficient coordination of transportation and land use decisions, and expanded modal choices.</p>	2, 3, 5	Quality Places Choices Mobility	Performance measures <ul style="list-style-type: none"> • Air quality emissions • Carbon dioxide emissions Progress indicators <ul style="list-style-type: none"> • Examples of effective plans and projects 	Florida DOT (lead) Florida Department of Environmental Protection Metropolitan Planning Organization Advisory Council Modal partners	Build on existing practices. Tie to federal standards and implementation of MAP21 performance measures.
<p>Support use of LNG/CNG, electric vehicles, and other clean fuels on the transportation system.</p> <p>Strategies may include policy and regulatory changes, infrastructure modifications to accommodate alternative fueled vehicles, and collaboration with the private sector and other states.</p>	1, 2, 3, 4	Mobility Choices Quality Places Economic Competitiveness	Performance measures <ul style="list-style-type: none"> • Alternative fueled vehicles • Energy consumption Progress indicators <ul style="list-style-type: none"> • Examples of effective plans and projects 	Florida DOT (lead) Florida Department of Environmental Protection Florida Department of Agriculture and Consumer Services Metropolitan Planning Organization Advisory Council Modal partners	Build on existing practices and federal initiatives.