



Florida Transportation Plan

State & Interregional Kickoff Webinar

presented by
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FDOT Office of Policy Planning

January 23, 2020

FLORIDA
Transportation Plan



Your Florida. Your vision. Your plan.

What is the Florida Transportation Plan?

- Florida's long-range transportation plan
- A plan for all of Florida
- Provides framework for transportation decisions and investments



Why Does the FTP Matter?

- Guides state, regional and local transportation decisions and investments
- FTPs have reshaped Florida
 - 2020 FTP (2000) – Strategic Intermodal System
 - 2025 FTP (2005) – Regional visioning and collaboration
 - 2060 FTP (2010) – Alignment with Florida Strategic Plan for Economic Development; Florida Mobility and Trade Plan
 - Current FTP (2015) – Resilience, Workforce, Choices



Florida Transportation Plan



Vision Element

Trends, uncertainties, and themes that will shape the future of transportation in Florida (50 years)



Policy Element

Goals and objectives to guide the Florida Department of Transportation and partners toward the vision (25 years)



Implementation Element

Emphasis areas with key actions (5-25 years)

SAFETY AND SECURITY FOR
RESIDENTS, VISITORS AND BUSINESSES

TRANSPORTATION
SOLUTIONS THAT
ENHANCE FLORIDA'S
ENVIRONMENT

AGILE, RESILIENT,
AND QUALITY
TRANSPORTATION
INFRASTRUCTURE

TRANSPORTATION
SYSTEMS THAT
ENHANCE
FLORIDA'S
COMMUNITIES





CONNECTED,
EFFICIENT, AND
RELIABLE MOBILITY
FOR PEOPLE
AND FREIGHT

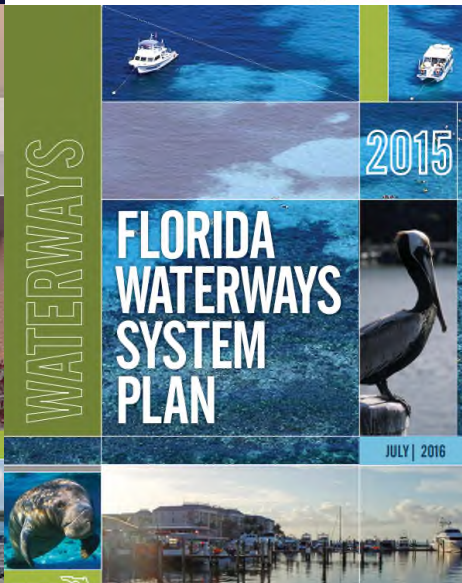
TRANSPORTATION
SOLUTIONS THAT
STRENGTHEN
FLORIDA'S ECONOMY

TRANSPORTATION
CHOICES THAT
IMPROVE ACCESSIBILITY
AND EQUITY

FLORIDA
Transportation Plan

Cross-cutting Topics

Technology	Resilience	State/Interregional	Regional/Local
<ul style="list-style-type: none"> • Automated, connected, electric, and shared vehicles • Transportation system management and operations • Big data • New materials and processes 	<ul style="list-style-type: none"> • Extreme weather • Emergency evacuation and response • Sea level rise • Flooding • Economic and societal changes 	<ul style="list-style-type: none"> • SIS, including modal facilities • Trade & logistics • Multi-use/multi-modal facilities • Global, statewide, and interregional connectivity • Florida's economic drivers and industries 	<ul style="list-style-type: none"> • Urbanized, non-urbanized, and rural • Congestion relief • Land use and community planning • Regional visions • Environment • Economic development
			



Related Partner Efforts

- Metropolitan Planning Organizations (MPOs)
 - Long Range Transportation Plans
- State Agency Plans/Initiatives
 - DEO, DEP, Enterprise Florida, Space Florida, etc.
- Local Governments
 - Comprehensive Plans, etc.
- Regional Planning Councils
 - Strategic Regional Policy Plans
- Modal Partners
 - Transit, expressway, seaport, airport and other authorities
- Regional and Community Visions





Trends for State and Interregional



E-commerce accounts for

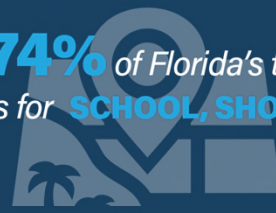
64%

*of all manufacturing
shipments*





74% of Florida's total **VEHICLE MILES TRAVELED (VMT)**
is for **SCHOOL, SHOPPING, RECREATION, OR SOCIAL PURPOSES**



TOTAL VISITORS

2010

84.2 M

2018

126.1 M



FOREIGN VS. DOMESTIC

Domestic

111.8 M

Overseas

10.8 M

Canadian

3.5 M



9^{OUT} OF 10
FLORIDIANS
live in **URBAN AREAS**



78%

of Florida households have access to
BROADBAND INTERNET

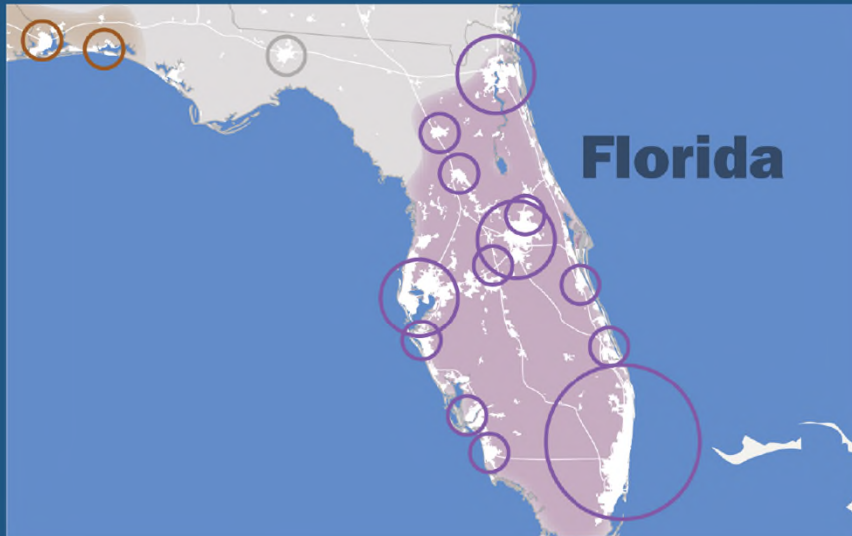
80%

*of households in
urbanized areas*



64%

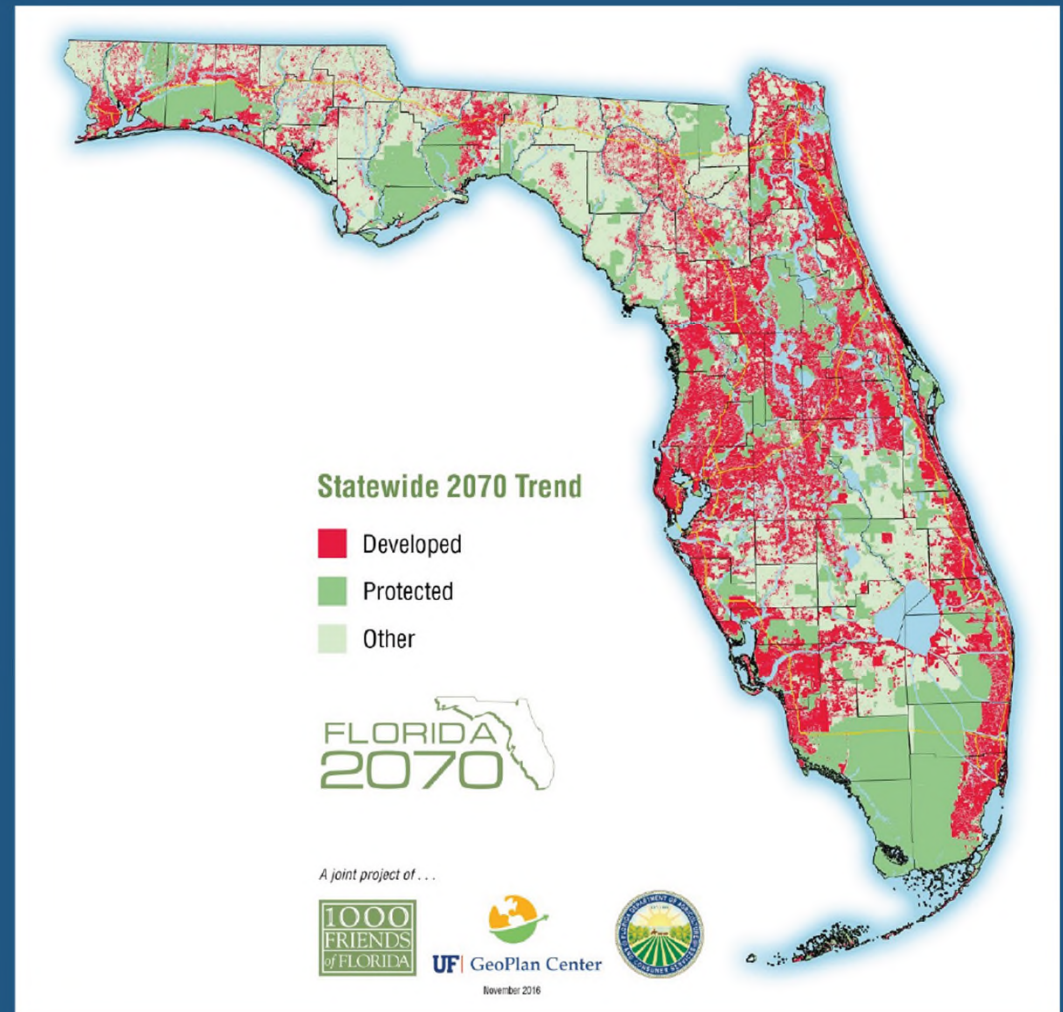
*of households in
rural areas*



As Florida's urban areas continue to expand and develop business linkages, the entire peninsula is expected to become

ONE INTEGRATED MEGAREGION

by the year 2050



Webpage for State/Interregional Campaign



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Florida Transportation Plan (FTP)

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State/Interregional



< Cross-Cutting Topics

TECHNOLOGY

Will technology change how
and when we travel?

RESILIENCE

How do we prepare our transportation system
for, and recover from, weather, environmental,
economic, and operational disruptions?

STATE/INTERREGIONAL

How do we improve the state's
most strategic transportation
systems?

REGIONAL/LOCAL

What regional or local
needs should we consider?

We want to hear from you! Below is information about state and interregional trends and resources to enhance your understanding about why trends at the state and interregional level matter in planning the future of transportation. We invite you to share your thoughts and ideas on these trends and how they will change transportation in the future using the red button below.

State/Interregional Campaign Kickoff Webinar

January 23, 2020
12:00–1:30 p.m.

Please visit <https://attendee.gotowebinar.com/register/4837154475294772482> to register for this webinar.

Why State and Interregional Trends Matter

Florida is a large, diverse, and growing state with many communities and regions. Florida's transportation system links these regions together into a single state and connects Florida to markets around the nation and world. As our population continues to grow, our economy becomes more diverse, and our society becomes more connected 24/7, the demands on Florida's transportation system will continue to evolve.

- FTP and State/Interregional Presentation (coming soon)
- State/Interregional trends handout (coming soon)

**What Are Your Thoughts and Ideas on
State and Interregional Trends?
(click here)**

Resources

Podcasts

- The Mobility Podcast: Moving People, Data & Freight: Safer, Greener, Smarter
- Mass migration; population growth (Real Wealth Network)
- ITE Talks: Safety Strategies

Videos

- Florida Chamber: Preparing Florida Infrastructure for Smarter Growth
- Florida: Transportation Works Here (SIS)

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Transportation Plan

Your Florida. Your vision. Your plan.

2045



Panel Discussion



Brady Nepple
Executive Director
Team FL



Casey Grigsby
VP Programs & Planning
Florida Ports Council



Holly Cohen
FDOT Freight and
Multimodal
Operations Office



Florida's Seaports: A Gateway to International Trade



www.flaports.org



Florida Seaports



#flaports

FLORIDA PORTS SUPPORT...

900,000



DIRECT AND
INDIRECT JOBS



\$40 billion
in personal
income



\$117.6 billion in
total economic
activity



\$4.3 billion in
local and state
tax revenue

VITAL ECONOMICS

Waterborne international trade moving through Florida's seaports was valued at **\$87.3 billion** in 2018, representing **55% of Florida's total international trade**.

TOURISM DRIVER

62%

of all US cruisers
sail through a
Florida port.



Florida broke records in 2017 with **16.8 million visitors** traveling through one of the state's seven cruise ports.

FLORIDA WELCOMED THE LARGEST CRUISE SHIP *IN THE WORLD* IN 2018.

Florida is home to the
3 BUSIEST
cruise ports in the world.

ACCESS TO CONSUMERS



21 million
residents in
Florida



126 million
visitors
annually



1,100
new residents
per day



35 percent
growth in
population by
2030

CONNECTIVITY



Florida's multimodal freight delivery network allows for growth in cargo tonnage and the value in cargo.



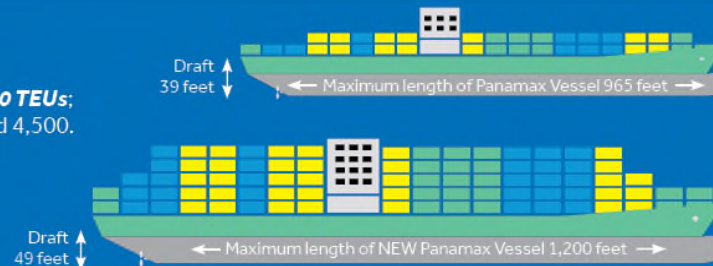
Florida ranked **eighth** among the nation's top exporting states in 2018.

Florida's **premier geographical location** makes it a gateway for trade transiting the Panama canal.



INCREASING CAPACITY

A new Panamax vessel can carry **12,500 TEUs**; previous Panamax ships could only hold 4,500. Florida has invested **billions of dollars** to modernize facilities and increase channel depths, enabling us to accept these larger vessels.





www.flaports.org

Find us on Facebook and Twitter!



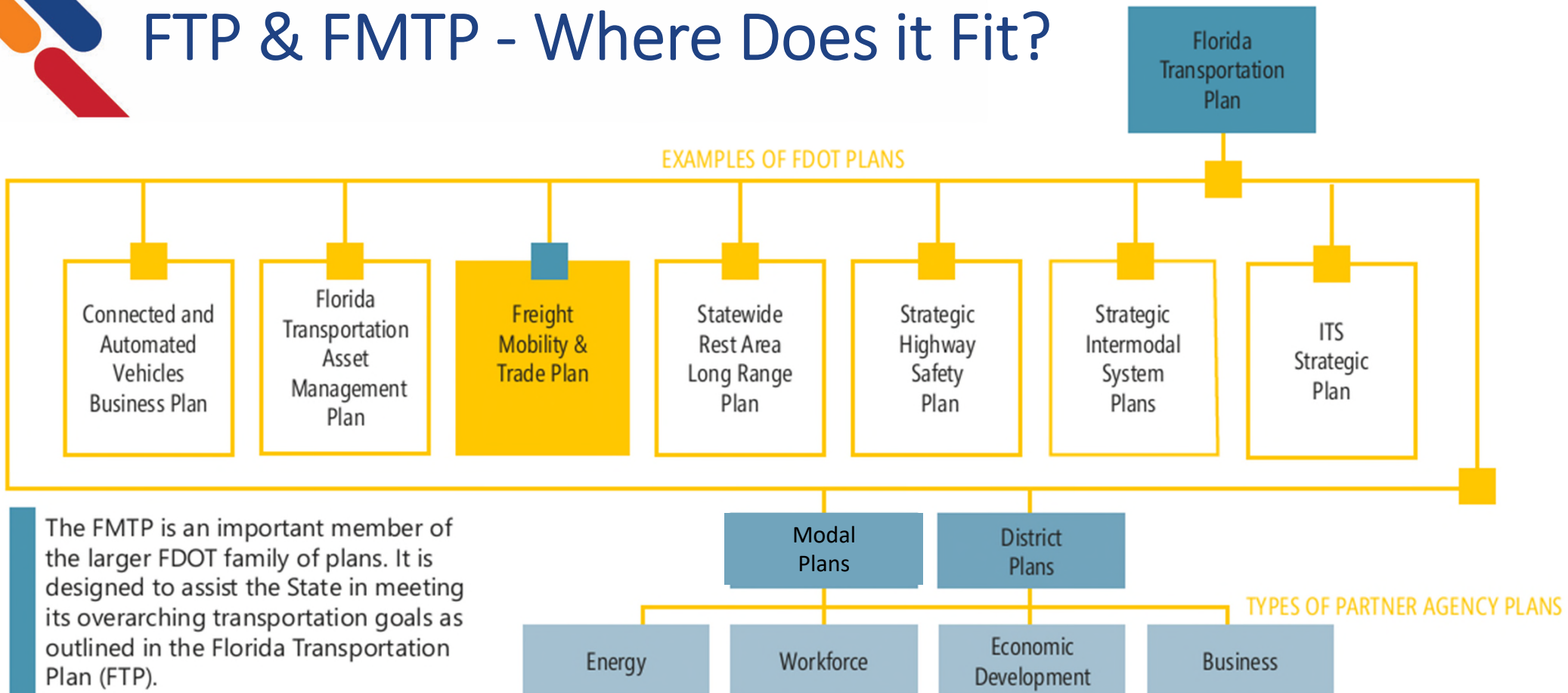


FTP-SIS Update State and Interregional Insights from the FMTP

January 23, 2020



FTP & FMTP - Where Does it Fit?





**63 TONS
OF
FREIGHT
PER YEAR**



*The U.S. freight
system moves
approximately 63
tons of goods per
person per year.*

Source: Beyond Traffic 2045, 2016

IF FLORIDA WERE AN
INDEPENDENT COUNTRY,
IT WOULD RANK

**17TH IN
THE WORLD**

U.S. Bureau of Economic Analysis, 2019

The combination of population growth, demographic changes and urbanization trends will have a transformative effect on Florida's supply chains. Increased congestion, higher numbers of urban deliveries and changing distribution networks are expected to have a significant impact on the State's economy.



COMMERCIALIZATION OF
THE SPACE INDUSTRY



INCREASED INTRA-REGIONAL & LAST
MILE TRIPS

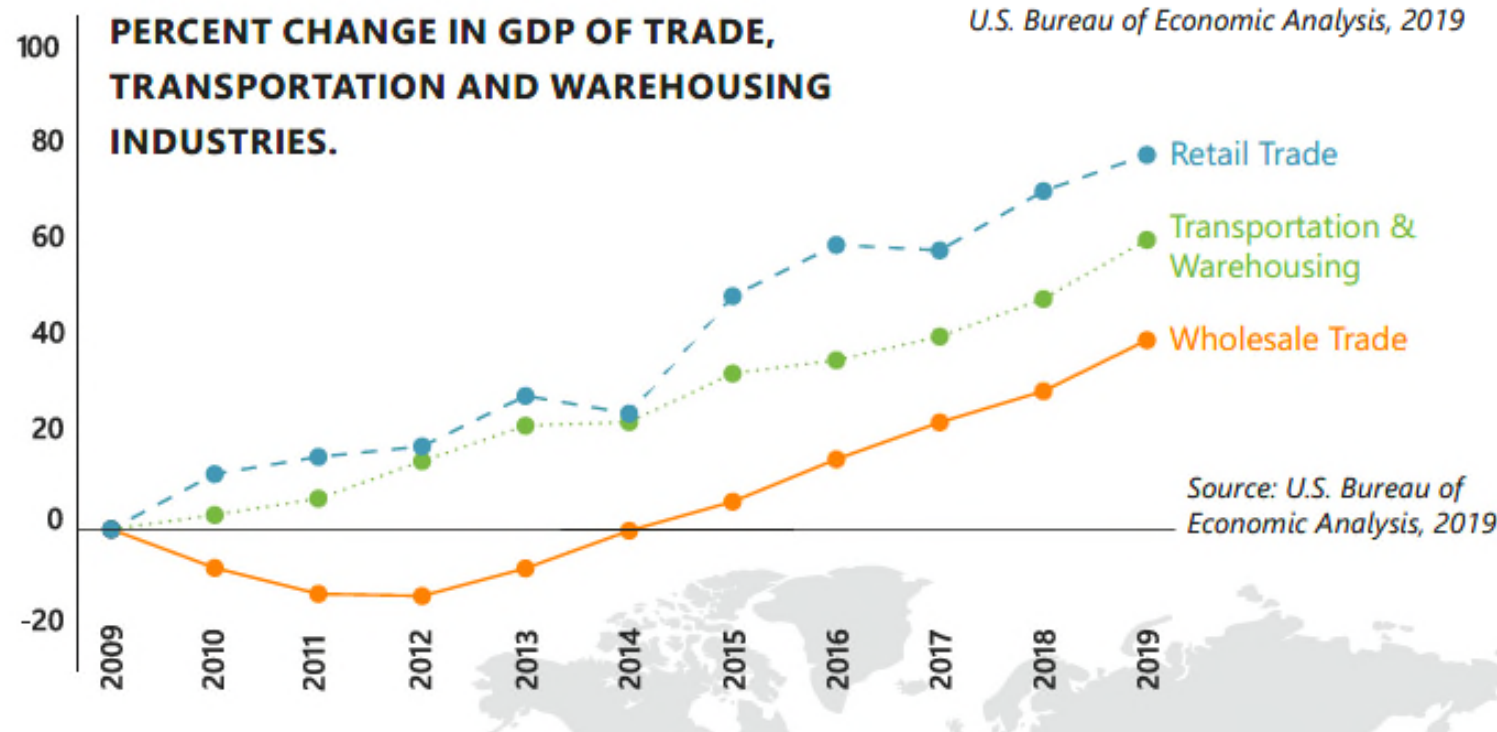
INCREASED COST OF TRUCK CRASHES

Freight Mobility and Trade Plan



FLORIDA HAS A GROSS DOMESTIC PRODUCT OF **\$1 TRILLION, RANKED 4TH** IN THE U.S.

U.S. Bureau of Economic Analysis, 2019





90% OF OUR
DATA IN THE WORLD WAS
GENERATED IN THE LAST
2 YEARS

Source: Forbes, 2018

REDUCE
OPERATING
COST BY
45%



ESTIMATED
COST
SAVINGS

\$85 Billion

The implementation of full autonomy throughout the motor carrier freight system could reduce total operating costs by up to 45%, an estimated cost savings of at least \$85 Billion.

Source: McKinsey and Company, 2018

AIRSHIPS STOCKED WITH
PRODUCTS COULD ACT AS
**AIRBORNE
WAREHOUSES**
TO STREAMLINE DRONE DELIVERY



Source: Amazon, 2019



**8% EV BY
2025**

Source: U.S. Energy Information Administration, 2019

What Will We Do With Your Input?



Input is received at meetings, online, through survey, etc.

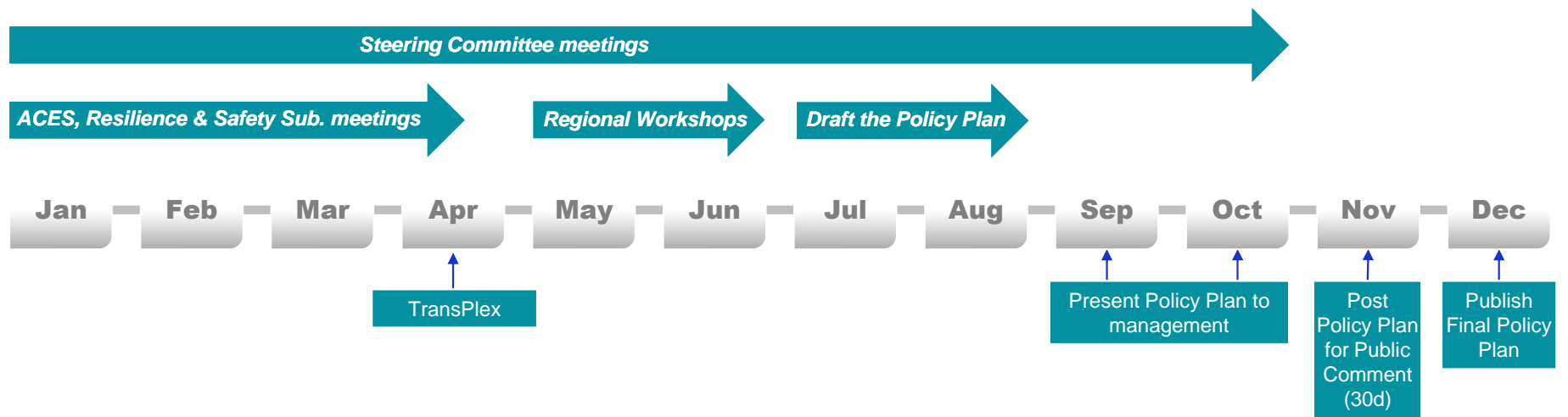


Provided to the FTP Steering Committee and Subcommittees for review and consideration



Your input is used to shape the plan

FTP Events, Meetings, and Campaigns



2020

REGISTER NOW



Transportation | Planning | Exchange

April 20-22, 2020

Embassy Suites by Hilton, Orlando Lake Buena Vista South
4955 Kyns Heath Road
Kissimmee, FL 34746



Hosted by the FDOT
Office of Policy Planning
www.fdot.gov/planning/transplex
No registration fee

Get Involved!

www.floridatransportationplan.com

- ✔ Share your thoughts and ideas through our [values and preferences](#) survey.
- ✔ Respond to our [resilience](#) and [technology](#) surveys.
- ✔ Join us at an [FTP event](#).
- ✔ Become an [ACES](#), [Resilience](#), and/or [Safety](#) subcommittee friend.
- ✔ Request a [presentation](#) from FDOT.
- ✔ Provide [general feedback](#).



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FTP Overview

FTP Update

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FTP Implementation

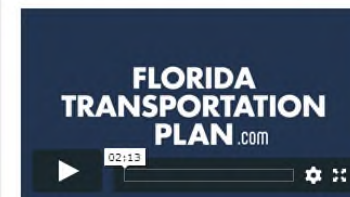
Resources

Florida Transportation Plan Overview

The Florida Transportation Plan (FTP) is the state's long-range plan guiding Florida's transportation future. The FTP is a plan for all of Florida – and affects every resident, business, and visitor.

The FTP is important because it not only sets a long-range vision for the future, but it guides transportation decisions today. It considers how we will:

- Attain our goal of zero fatalities on Florida's transportation system.
- Provide a more efficient and mobile transportation system.
- Meet the needs of a growing and changing population.
- Make our economy more competitive.
- Enhance the quality of life and environment of Florida's communities.
- Increase opportunities for access to transit and other modes of transportation.
- Address emerging issues such as the rapid changes in technology.



The Florida Department of Transportation (FDOT) and its partners are updating the FTP, and we want you to [get involved](#). As we develop the next FTP, we want to hear from you to understand the transportation issues and concerns that are most important to Floridians.

[Click here to share your
values and preferences](#)

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2045



Questions?

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www.fdot.gov/planning/policy