

Should the Palm Beach  
Transportation Planning Agency  
assist in the transition of light duty  
vehicles from internal combustion  
engines to battery electric  
vehicles?

TPA Governing Board Meeting  
June 16, 2022

1

State Statute 339.175 ...each M.P.O. shall provide for consideration of projects and strategies that will:

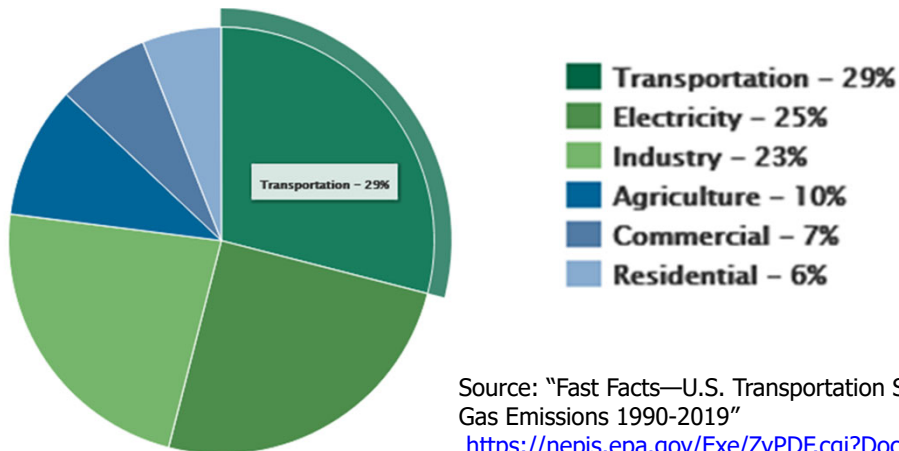
1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase the safety and security of the transportation system for motorized and nonmotorized users;
3. Increase the accessibility and mobility options available to people and for freight;
4. Protect and enhance the environment, promote energy conservation, and improve quality of life;
5. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
6. Promote efficient system management and operation; and
7. Emphasize the preservation of the existing transportation system.

2

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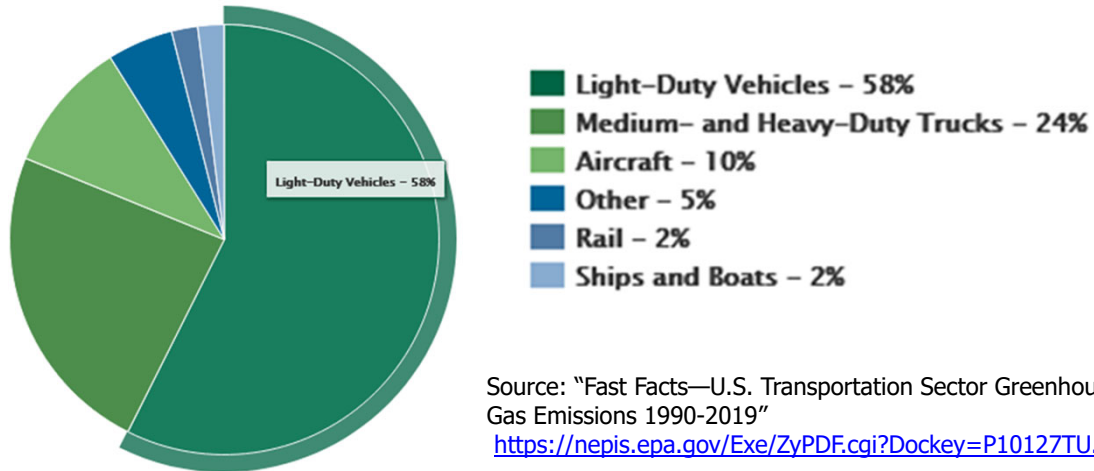
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## 2019 U.S. GHG Emissions by Sector



4

## 2019 U.S. Transportation Sector GHG Emissions by Source



5

## Auto Industry Leaders are Already Transitioning



"We plan to challenge Tesla and all comers to become the top EV maker in the world," Ford CEA Jim Farley 25APR2022 CNBC  
<https://www.cnbc.com/2022/04/26/ford-ceo-farley-plans-to-challenge-tesla-to-become-the-top-ev-maker.html>



"We want to lead in EVs. Full stop. And so that's where we're aggressively moving," GM CEO Mary Barra 26JAN2022 CBS NEWS  
<https://www.cbsnews.com/news/gm-ceo-mary-barra-electric-vehicles-ev/>



"We are still aiming at keeping up and probably overtaking (Tesla) by 2025 when it comes to sales." Volkswagen CEO Herbert Diess 24MAY2022 CNBC  
<https://www.cnbc.com/2022/05/24/volkswagen-ceo-says-carmaker-will-overtake-tesla-on-ev-sales-by-2025.html>

6

## Reasons for the TPA to take action:

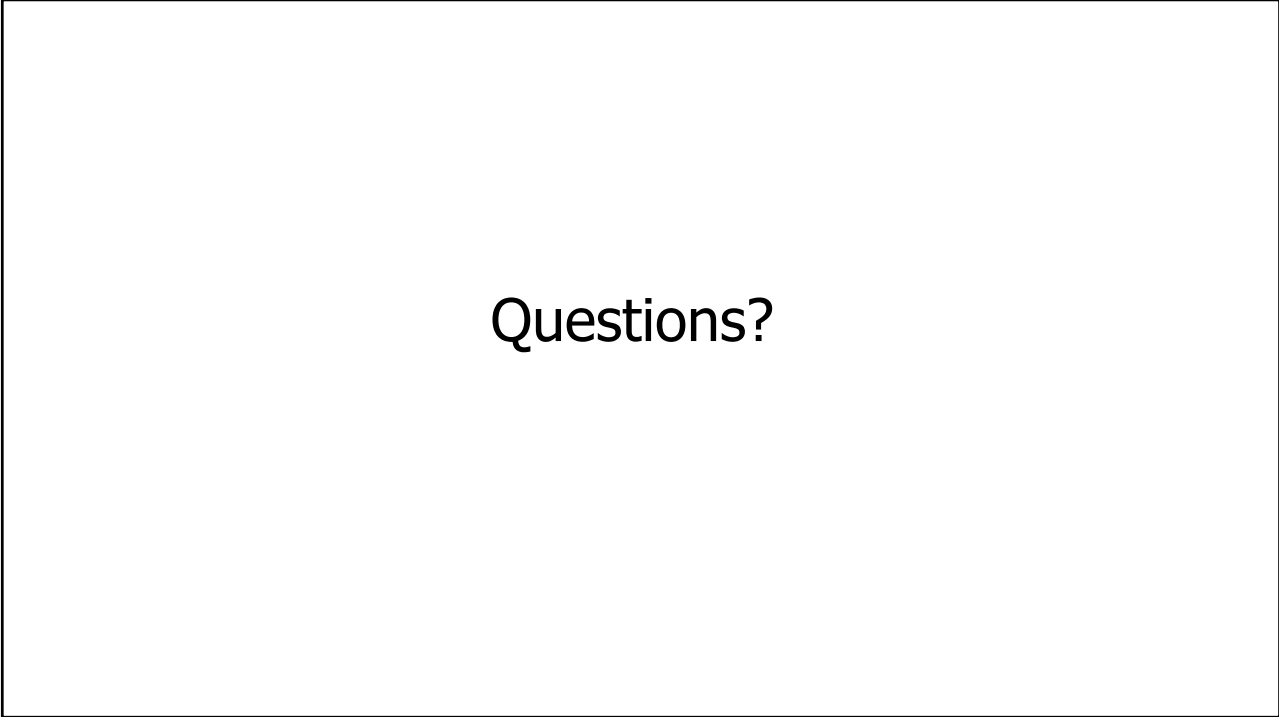
- For every month TPA involvement speeds up the transition, 833,333 million pounds or 400,000 tons of CO2 will not enter the atmosphere
- Citizens need reliable information on purchasing Battery Electric Vehicles (BEVs) worth \$40 Billion
- Citizens are likely to expect the TPA to help them

7

## CAC Request

- Formally file the report and provide to TPA Board and TAC
- TPA staff and/or TAC to review the report and provide summary of how it fits into the current Mission and Policies
- TPA staff and/or TAC to review additional opportunities to fit into the current Mission and Policies

8



Questions?