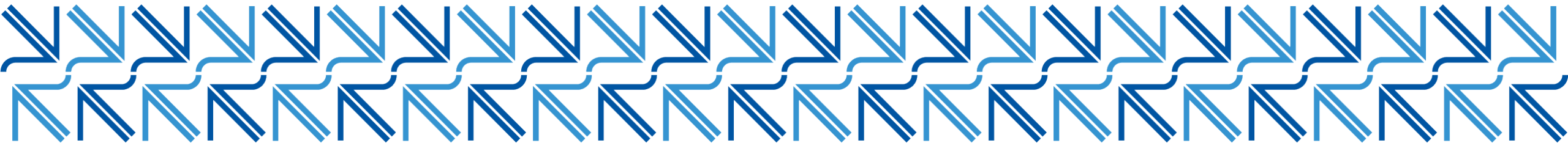




2050 Metropolitan Transportation Plan (MTP)

December 17, 2024

BrowardNext – Transportation/Transit



Who is the MPO?

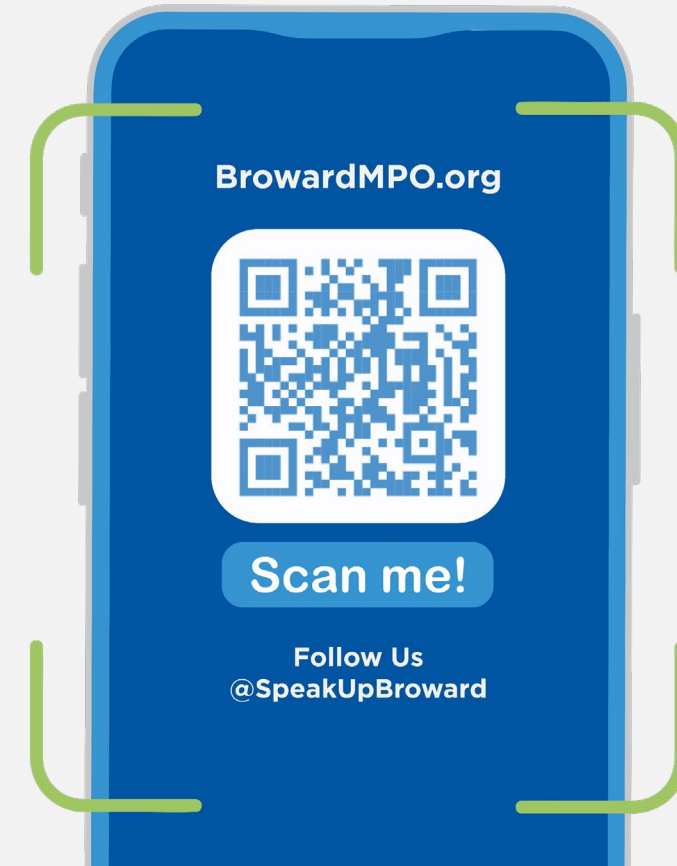
MPO MISSION STATEMENT

To collaboratively plan, prioritize, and fund the delivery of diverse transportation options.

MPO VISION STATEMENT

Our work will have measurable positive impact by ensuring transportation projects are well selected, funded, and delivered.

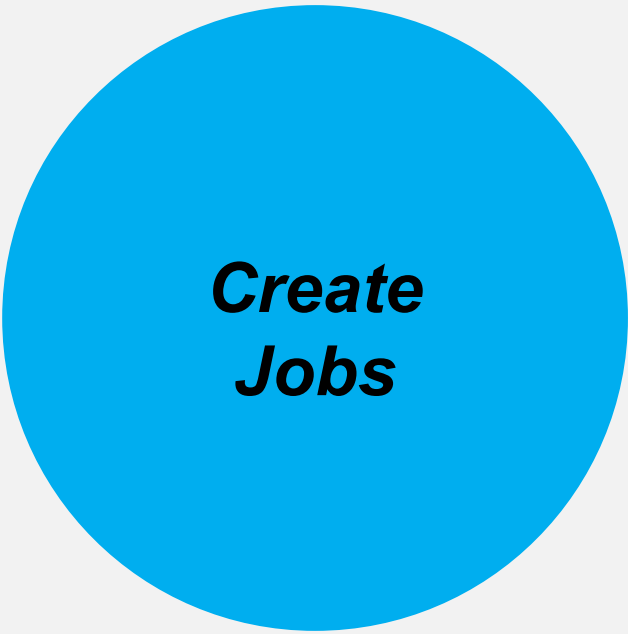
Vision 2100			
Core Products			
Internal Operations		Project Programming	
UPWP	Unified Planning Work Program (Agency Budget Guide)	MTP	Metropolitan Transportation Plan (Project Identification)
SBP	Strategic Business Plan (Agency Operations Guide)	MMPL	Multimodal Priorities List (Project Prioritization)
PPP	Public Participation Plan (Agency Outreach Guide)	TIP	Transportation Improvement Program (Project Funding)



An MTP is a 25-year planning horizon document that is updated every five years that **turns transportation goals into prioritized projects**. The MPO uses the MTP to guide the use of Federal, State, and other funds to create a transportation system that has transit, bicycle, pedestrian, freight, and roadway projects that promote resiliency, accessibility, safety, and improve quality of life.

A large blue circle containing the text "Safely Move People & Goods" in a bold, italicized black font.

***Safely
Move
People &
Goods***

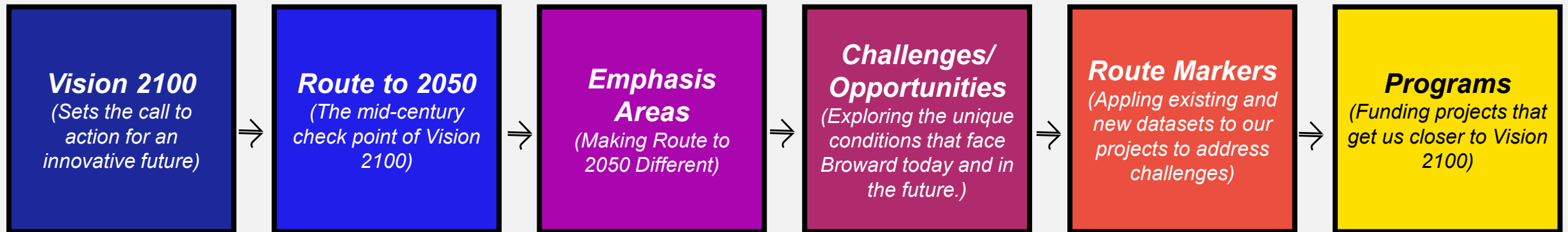
A large blue circle containing the text "Create Jobs" in a bold, italicized black font.

***Create
Jobs***

A large blue circle containing the text "Foster Resilient Communities" in a bold, italicized black font.

***Foster
Resilient
Communities***

2050 MTP Flow



Vision 2100



With Broward Vision: The Path to 2100, the Broward MPO advocates a paradigm shift in the Broward region's approach to growth, development, and transportation investment. With a Call to Action for the MPO and its partners to begin doing today what is needed to stay on the desired path to the year 2100.

Route to 2050 Partnerships



- Aligning with Federal, State and Regional Goals
- Performance Measures & Indicators
- Consistency with Partner Plans



***Regional
Transportation
Plan (RTP)***

***Broward
County
Mobility
Advancement
Program (MAP)***

***Broward
County
Affordable
Housing
Master Plan***

***Port
Everglades
Master Plan***

***Fort
Lauderdale –
Hollywood
International
Airport Master
Plan***

***FDOT SIS
Policy &
Funding Plans***

Emphasis Areas

What Makes Route to 2050 Different?

Following Federal Highway Administration's (FHWA) Planning Emphasis Areas the Broward MPO has developed its own emphasis areas that will help drive the MTP development process.

*There are **4** Emphasis Areas*



Safety



Housing



Resiliency



Technology

Challenge: Safety & Public Health

Fatality Rate (5-Year Average)
Broward County, Florida

Current	National	Goal
1.559	1.33	0
Crashes per 100 million VMT (2022)	Crashes per 100 million VMT (2022)	Crashes per 100 million VMT (FY 2024)

Increase in diseases or conditions associated with less active lifestyles or poor air quality.



27.1% (2019)
Obesity



8.2% (2019)
Heart Disease



13.9% (2019)
Asthma

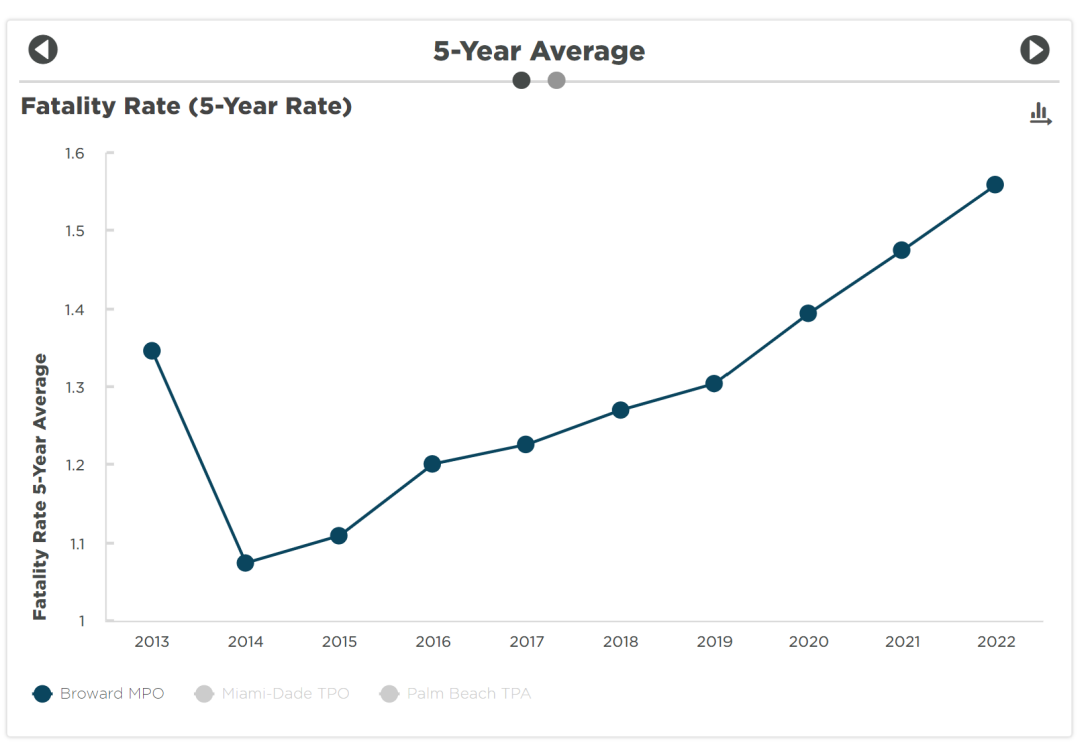
Emphasis Area

Safety

Housing

Resiliency

Technology



Challenge: Growth & Congestion



330,000

more people by
2050



6,600

more people
each year



550

people each
month



130,000

New homes
needed by 2050



260

New homes
each year



21

New homes
each month



*Average commuter in
South Florida spends 79
hours (over 3 days) per
year in traffic.*

Emphasis Area

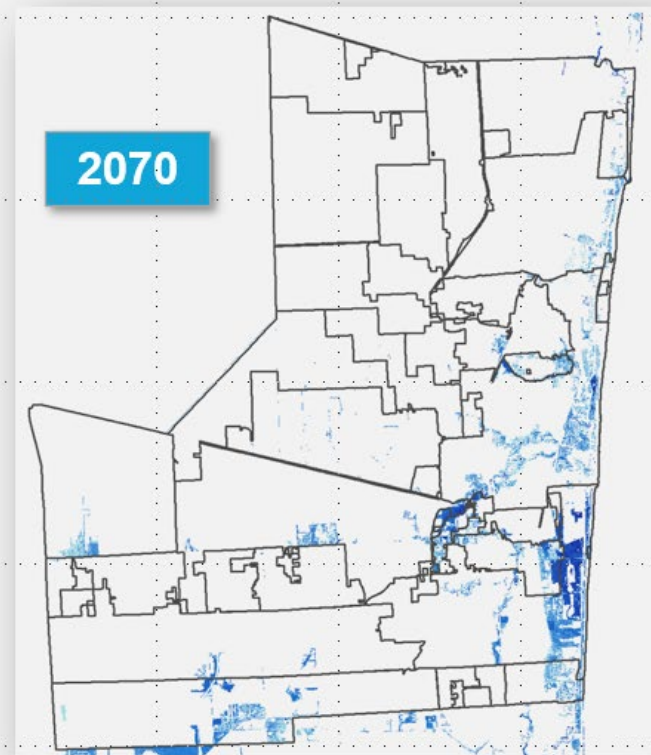
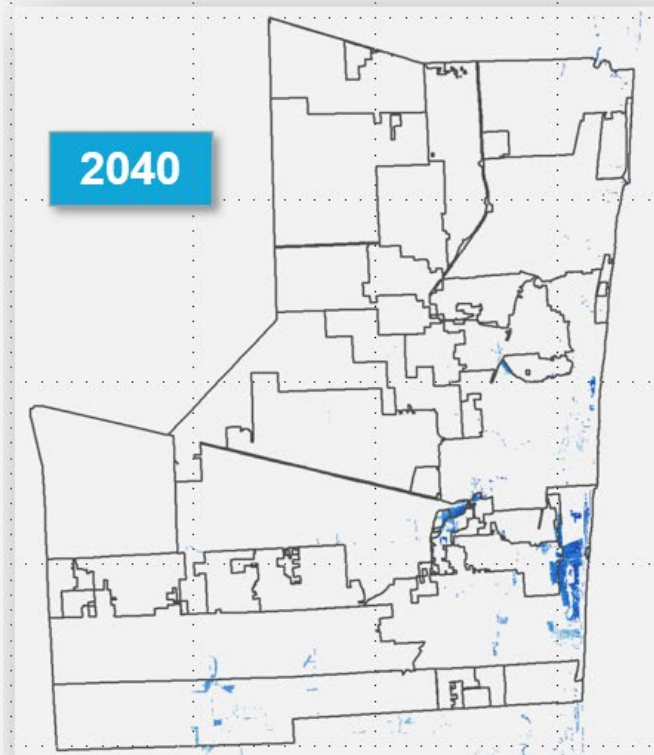
Safety

Housing

Resiliency

Technology

Challenge: Environmental Impacts



Emphasis Area

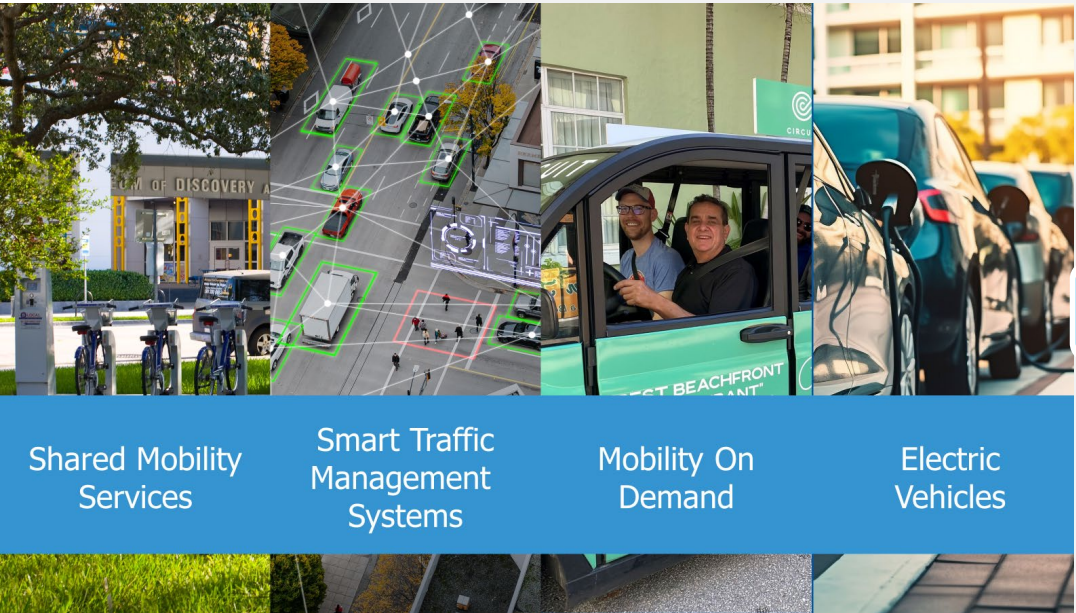
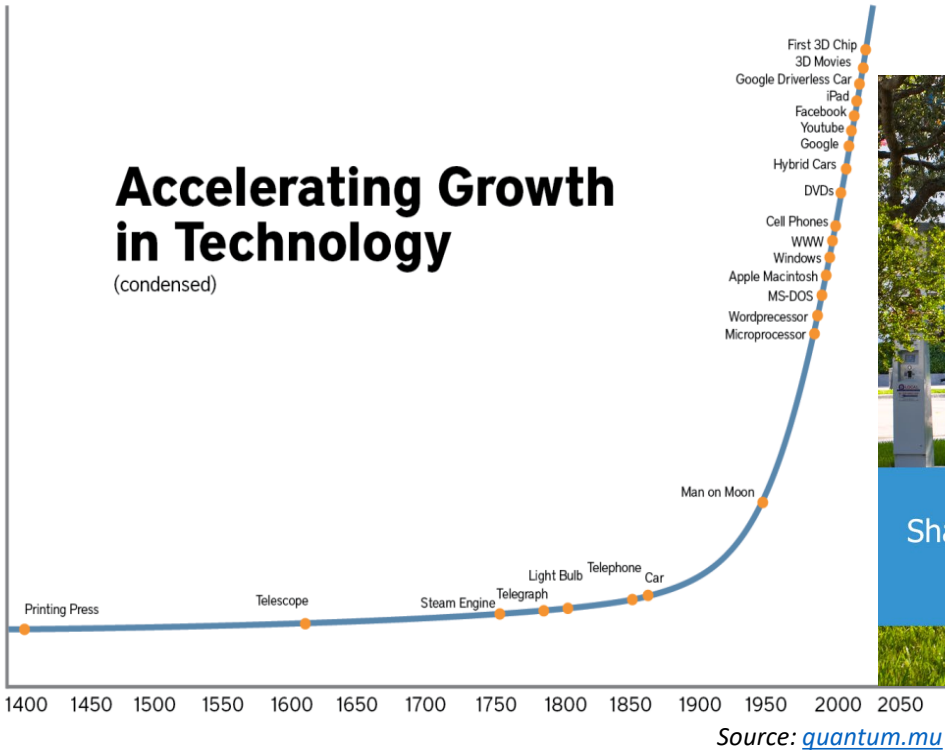
Safety

Housing

Resiliency

Technology

Challenge: Technology Advances



Emphasis Area

- Safety
- Housing
- Resiliency

Technology

Challenges & Opportunities

Program Opportunities

**Integration of
the Broward
Safety Action
Plan**

**Technology
Program Tiers**

**Roadway
Program Rail
Emphasis**

**Resiliency
Program
Framework**

Mobility Hubs

CSLIP

Process Opportunities

Route Markers

**Updated
Funding
Programs**

**Grants
Coordination
Matrix**

**Concept
Development**

**Housing
Coordination
Plan**

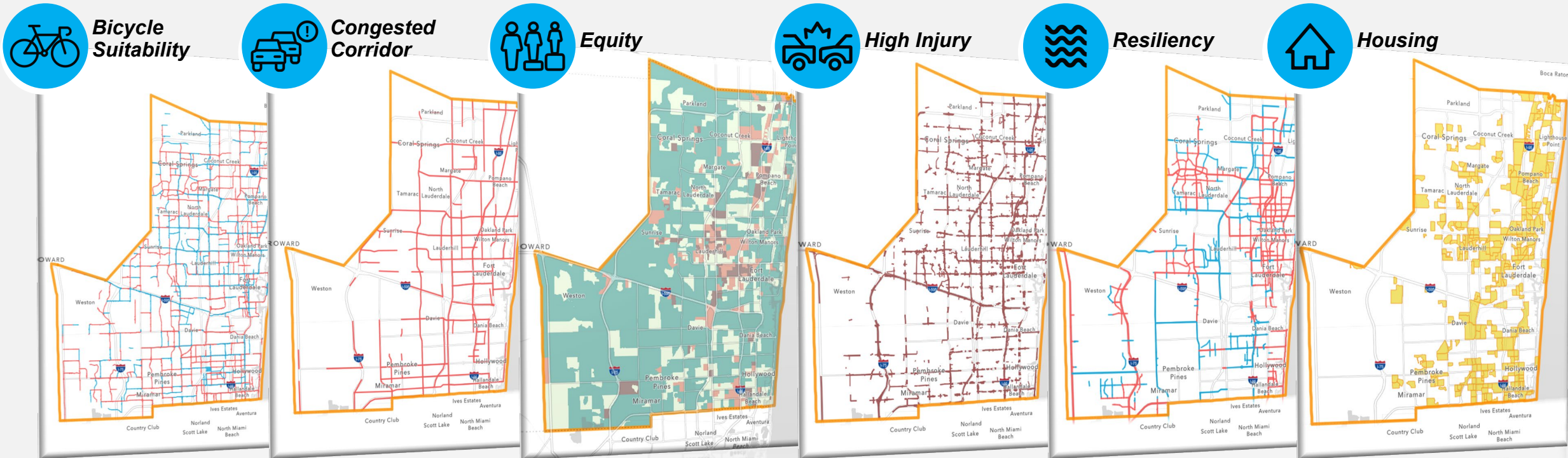
**SMART
METRO**

Route Markers

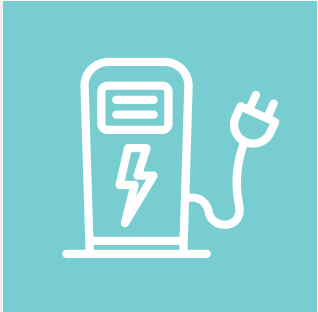
Route Markers



The 2050 MTP Route Markers will ensure projects address additional needs (outside of the provided scope) to develop more compete and holistic scopes for final implementation.

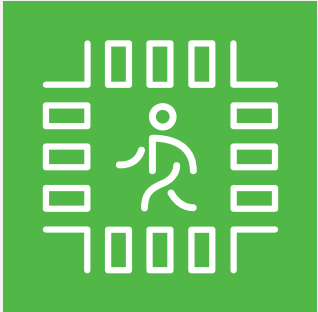


Funding Programs



TECHNOLOGY

Capital for Technology to support EV/CV, TSM&O, and real-time monitoring



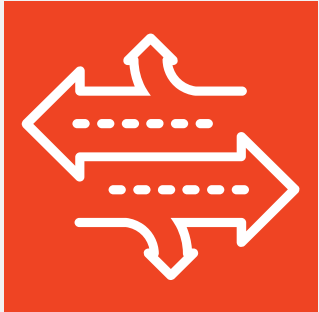
COMPLETE STREETS

Bicycle and Pedestrian projects to address local and regional gaps in the network



SAFETY

Safety projects identified through the Broward Safety Action Plan



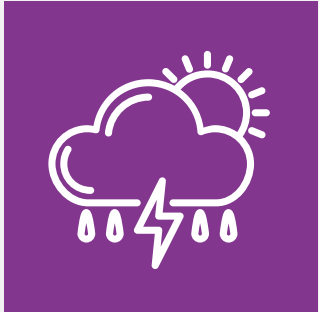
ROADWAY

Roadway Capacity and Freight Projects



TRANSIT & HUBS

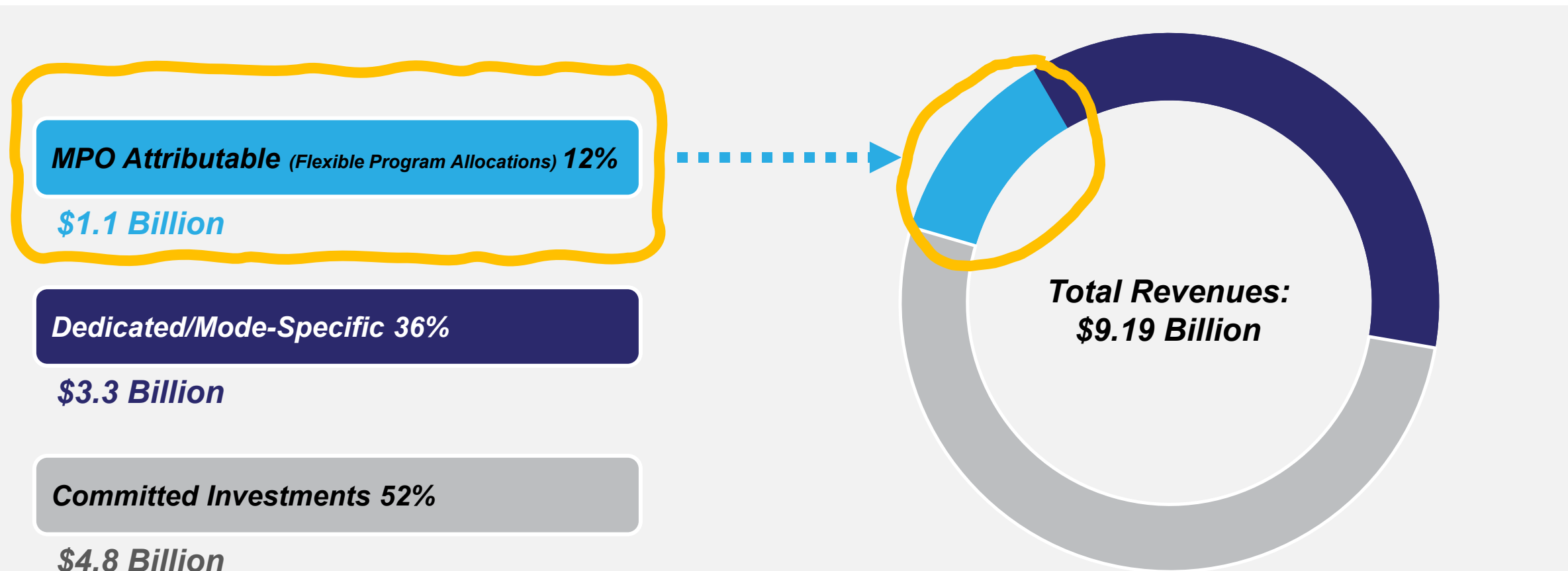
Capital for Transit and Transit Access Projects



RESILIENCY

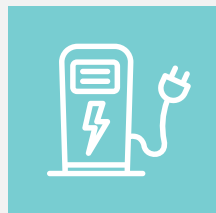
Resiliency projects to mitigate climate change effects on the identified MTP resiliency network

2050 MTP Revenue Allocation



Funding Program Percentages

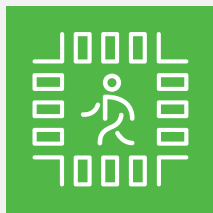
(for MPO Attributable Funds)



TECHNOLOGY

12%

\$3.99*



COMPLETE
STREETS

51%

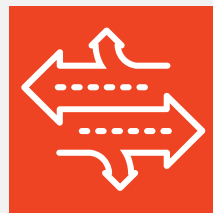
\$16.96*



SAFETY

10%

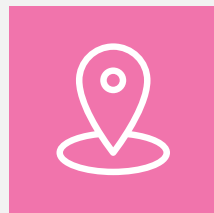
\$3.33*



ROADWAY

10%

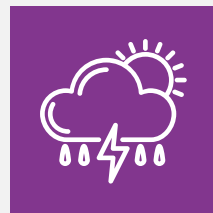
\$3.33*



TRANSIT
& HUBS

12%

\$3.99*

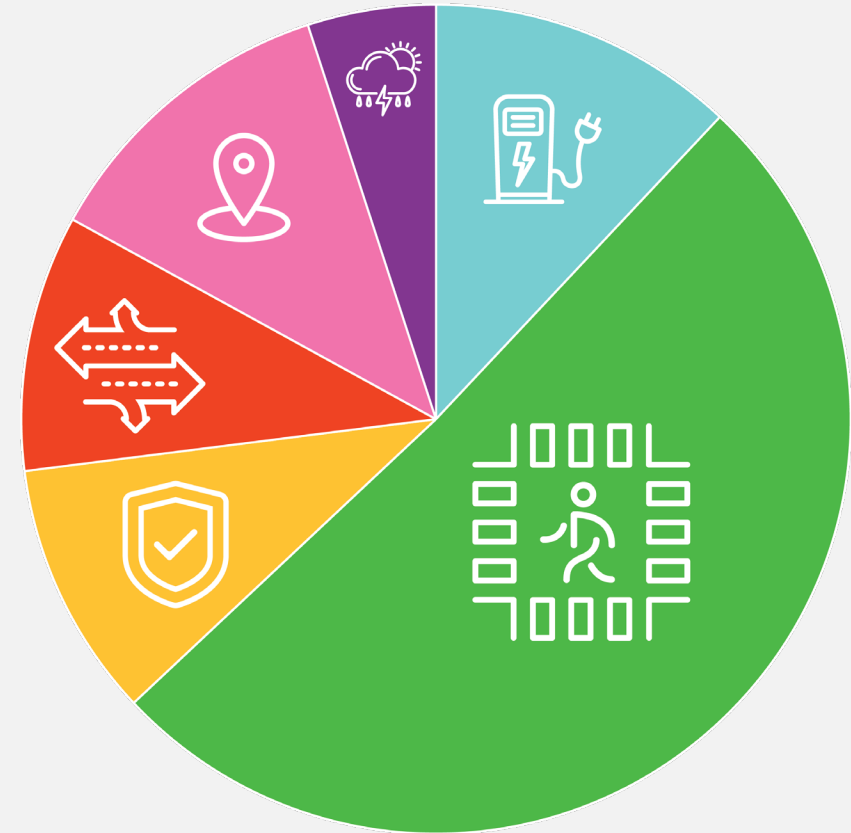


RESILIENCY

5%

\$1.66*

*Annual Estimates in Millions



Cost Feasible Plan



TECHNOLOGY

Capital for Technology to support EV/CV, TSM&O, and real-time monitoring

Types of Projects:
EV Charging
TSM&O
Digital Twin



COMPLETE STREETS

Bicycle and Pedestrian projects to address local and regional gaps in the network

Types of Projects:
Bike Lanes
Sidewalks
Multi-Use Paths



SAFETY

Safety projects identified through the Broward Safety Action Plan

Types of Projects:
On System Safety
Off System Safety

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances

Cost Feasible Plan



Roadway Capacity and Freight Projects

Types of Projects:
Intersection Improvements
Grade Separation
Reconstruct Lanes

ROADWAY

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology



Capital for Transit and Transit Access Projects

Types of Projects:
Mobility Hub
Transit Improvement
Rail

TRANSIT & HUBS

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances



Resiliency projects to mitigate climate change effects on the identified MTP resiliency network

Types of Projects:
Resiliency Corridor Studies
Mast-Arm Conversion

RESILIENCY

Challenges Addressed

Growth & Congestion

Environmental Impacts

Safety & Public Health

Technology Advances



Thank You!

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Peter Gies, AICP

Systems Planning Manager

giesp@browardmpo.org

