

Regional Transportation Technical Advisory Committee Workshop

WORKSHOP OF APRIL 12, 2023, at 1:30 PM VIRTUAL

Teams Link: [Click here to join the meeting](#),
Meeting ID: 287 332 733
023Passcode: G8MjJQ
(Meeting to be recorded)

AGENDA

Chair

Aileen Bouclé, AICP
Miami-Dade
Transportation Planning
Organization

Executive Director

Member Organizations

Palm Beach
Transportation Planning
Agency

Broward Metropolitan
Planning Organization

Miami-Dade Transportation
Planning Organization

Florida Department of
Transportation Districts 4 & 6

South Florida Regional
Transportation Authority

Palm Tran

Broward County Transit

Treasure Coast Regional
Planning Council

South Florida Regional
Planning Council

Miami-Dade Department of
Transportation and Public
Works

Contact Information

Francesca Taylor, AICP
Miami-Dade TPO
150 West Flagler Street, Suite 1900
Miami, FL 33130
(305) 375-1738 t
(305) 375-4950 f
Francesca.Taylor@mdtpo.org

I. CALL MEETING TO ORDER

II. UPDATE ON SIS FUNDING ELIGIBILITY

III. 2050 RTP UPDATE

A. Regional Transportation Network Working Session

B. 2050 RTP Goals and Objective Development

C. Scenario Development Kick-off and Exercise

IV. WRAP UP / NEXT STEPS

Public participation is solicited without regard to race, color, national origin, age, sex, religion, disability, or family status. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge), should contact the TPO at (305) 375-4507 at least seven days prior to the meeting.



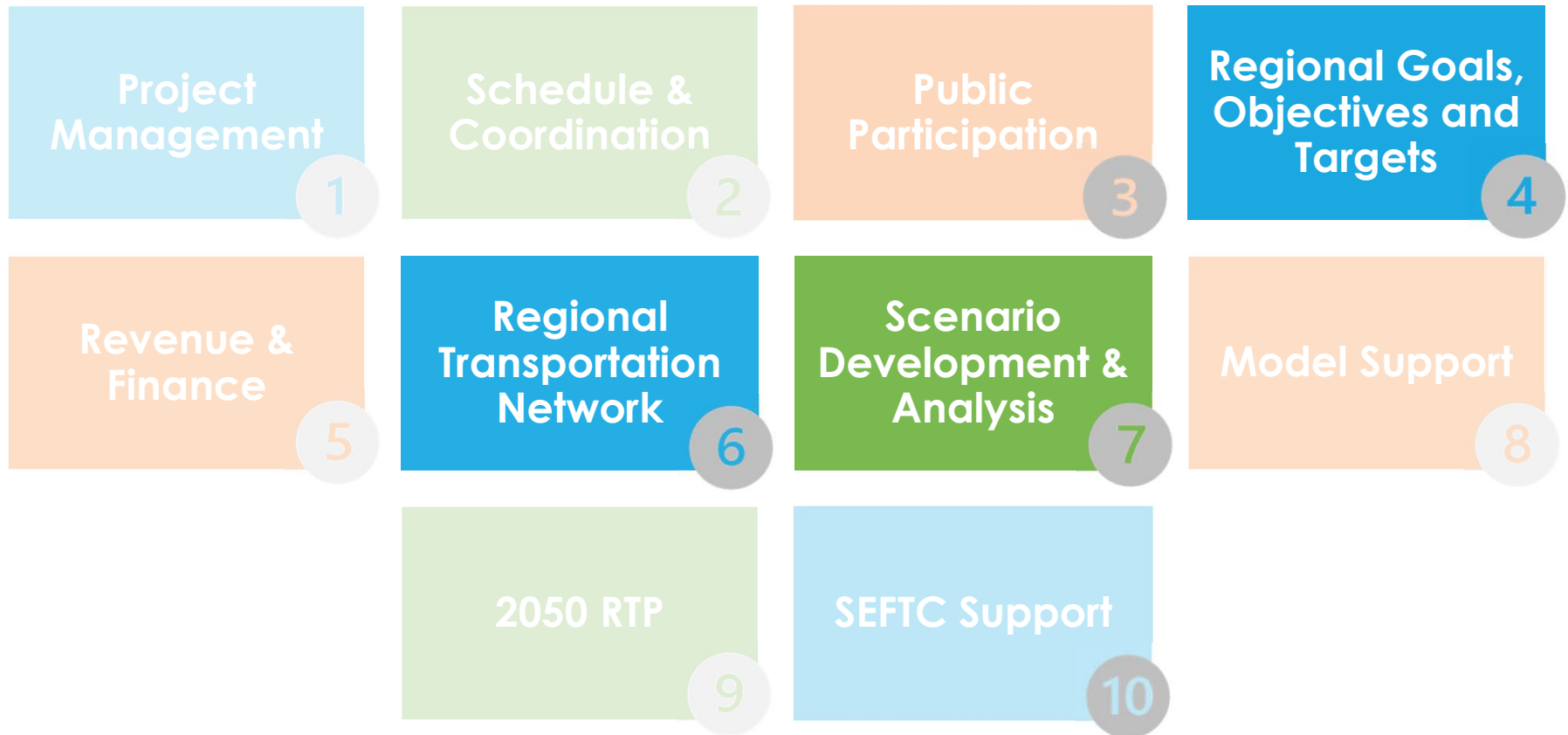
SOUTHEAST FLORIDA 2050

REGIONAL TRANSPORTATION PLAN

Miami-Dade • Broward • Palm Beach

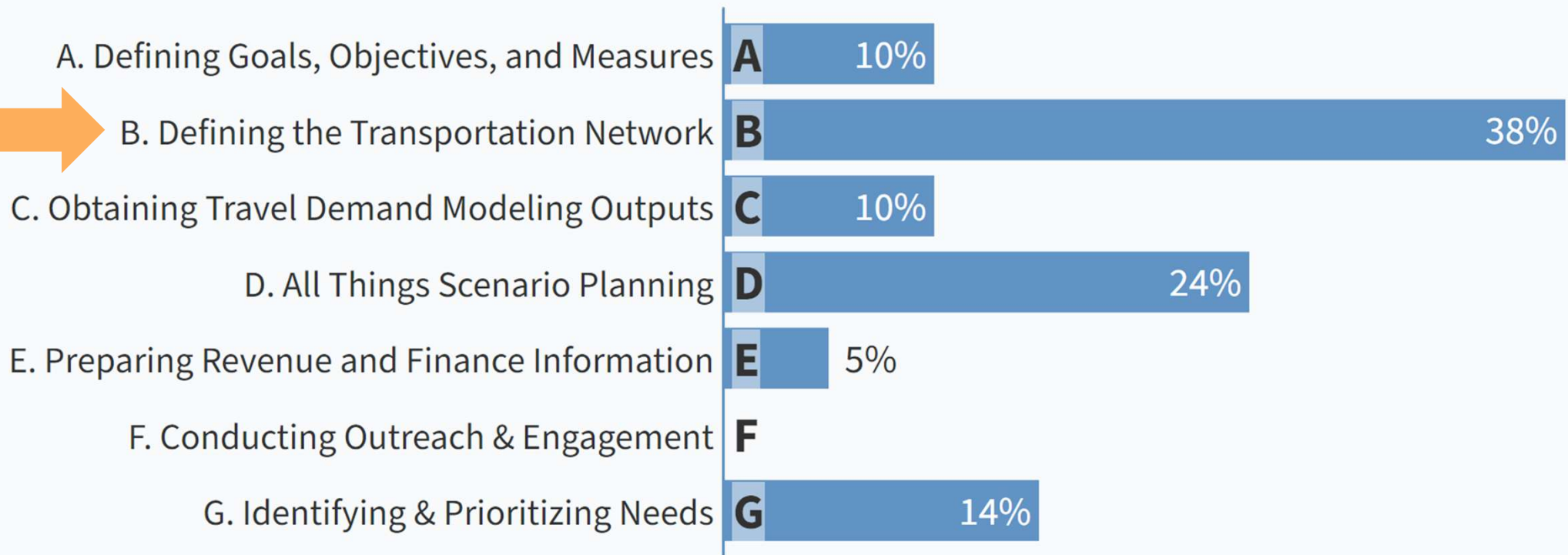
APRIL 12, 2023

SCOPE OF WORK



Adopting Summer 2025

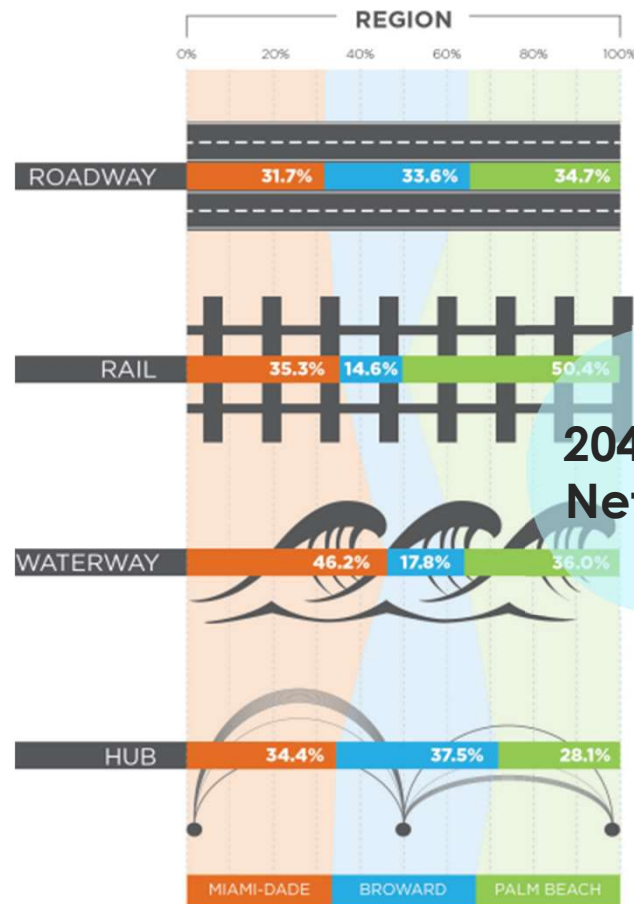
What 2050 RTP elements are most important to your agency? PICK TWO



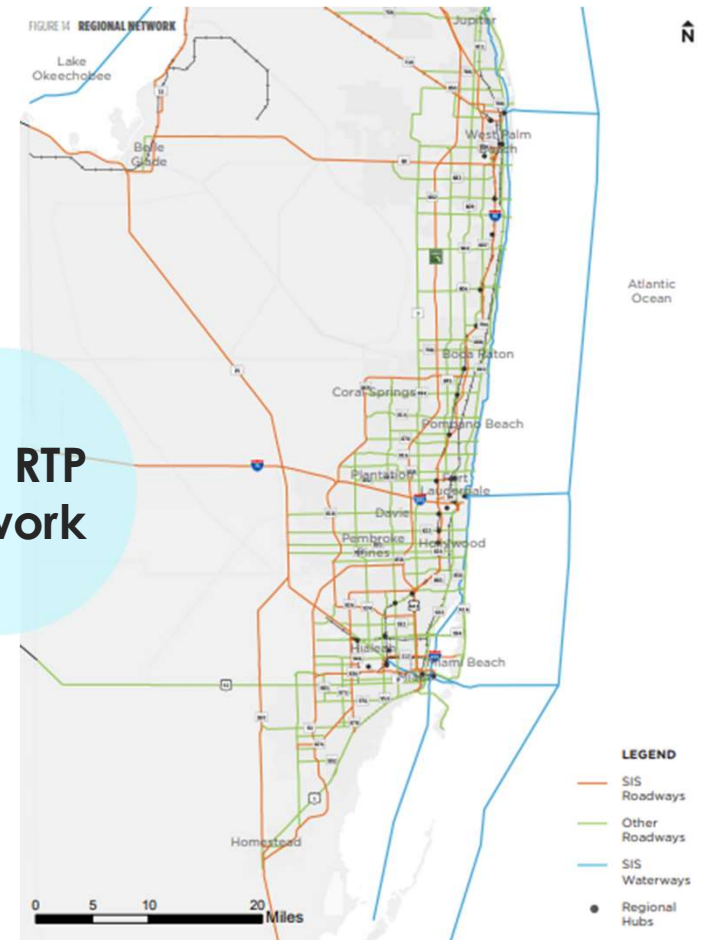
Regional Transportation Network

6

- 2045 RTP transportation network was refreshed
- Resulting network is eligible for Transportation Regional Incentive Program (TRIP) Funds



2045 RTP Network



March 2023 – June 2023

Regional Transportation Network

6

1.

PRINCIPAL ARTERIALS

2.

PLANNED PHYSICAL
EXTENSIONS OF
PRINCIPAL ARTERIALS

3.

SIS NETWORK

4.

PRINCIPAL ARTERIAL
CONNECTIONS

5.

ACTIVE RAIL LINES

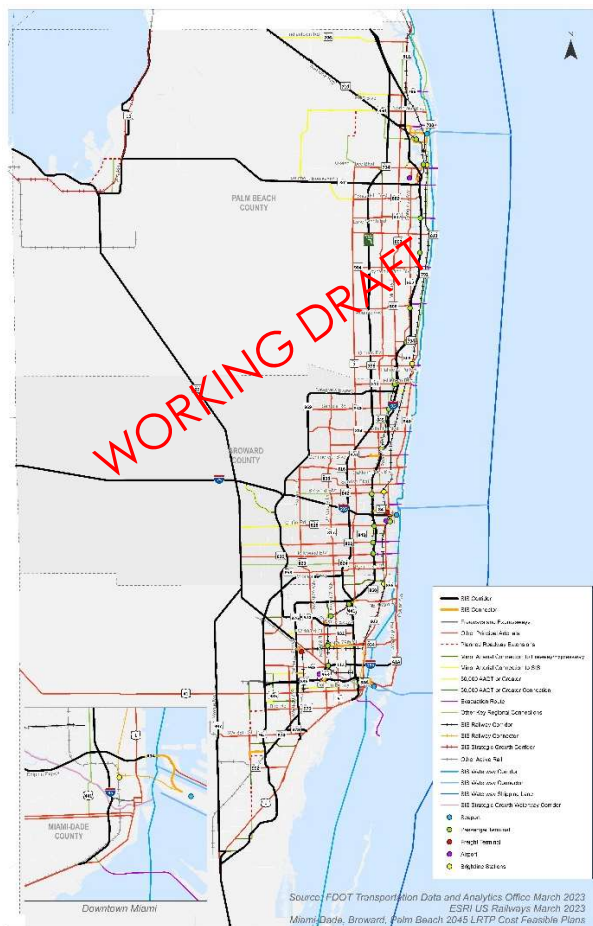
OTHER (For Discussion)

Regional Transportation Network

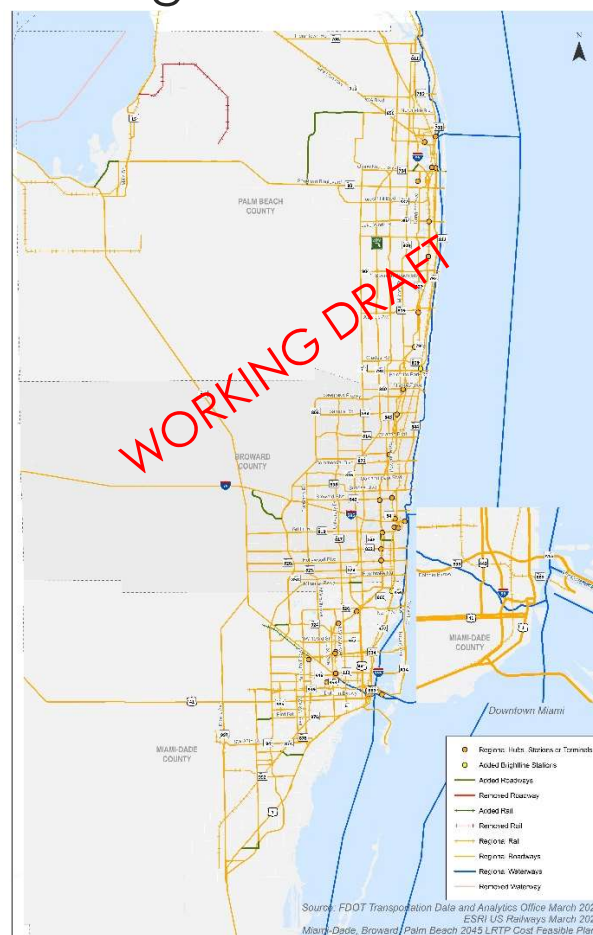
6

WORKING
DRAFTS FOR
DISCUSSION

DRAFT 2050 Network

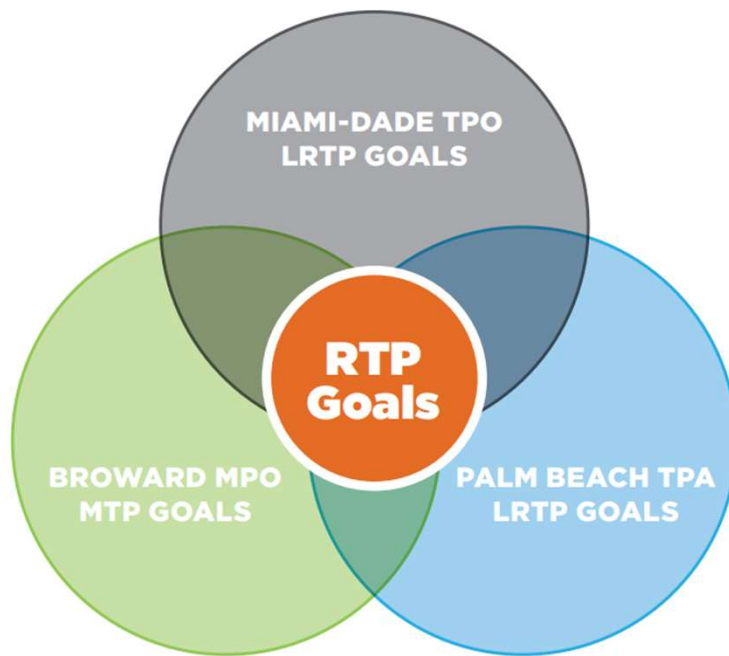


Changes to 2045 Network



Regional Goals, Objectives and Targets

4



2045 RTP Goals

SUSTAINABILITY AND QUALITY OF LIFE

1. MULTIMODAL SYSTEM & LAND USE

Provide an accessible, efficient, and reliable multimodal transportation system that is well integrated with supportive land uses

2. HEALTH, ENVIRONMENT, & SAFETY

Protect the region's health and environment, and provide for a safer and more secure transportation system for the region's residents, businesses and visitors

3. ECONOMY

Optimize and expedite sound investment strategies to support an expanding regional economy

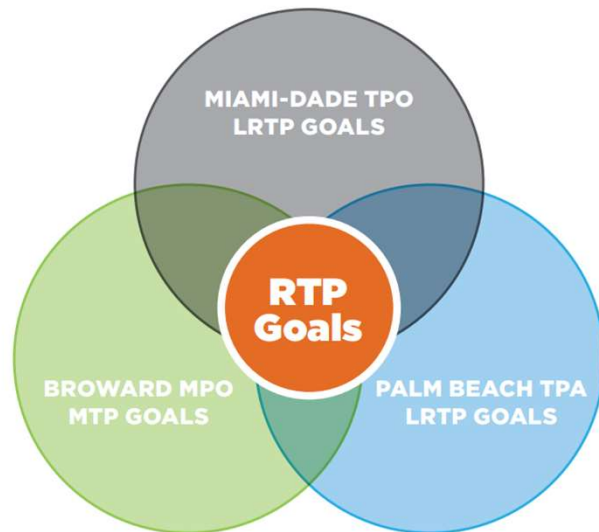
4. EQUITY & PUBLIC SUPPORT

Invest in publicly supported, equitable transportation options for all users, including low-income and minority neighborhoods, as well as the aging population



APPROACH

- Transportation Policy and Plan Review task is in-progress
- Reviewing and refining 2045 Goals & Objectives to consider/ensure:
 - Goals will be imperative (starting with a verb)
 - Any new policies
 - 2050 MTP/LRTPs
- Endorsement by SEFTC will be sought in July

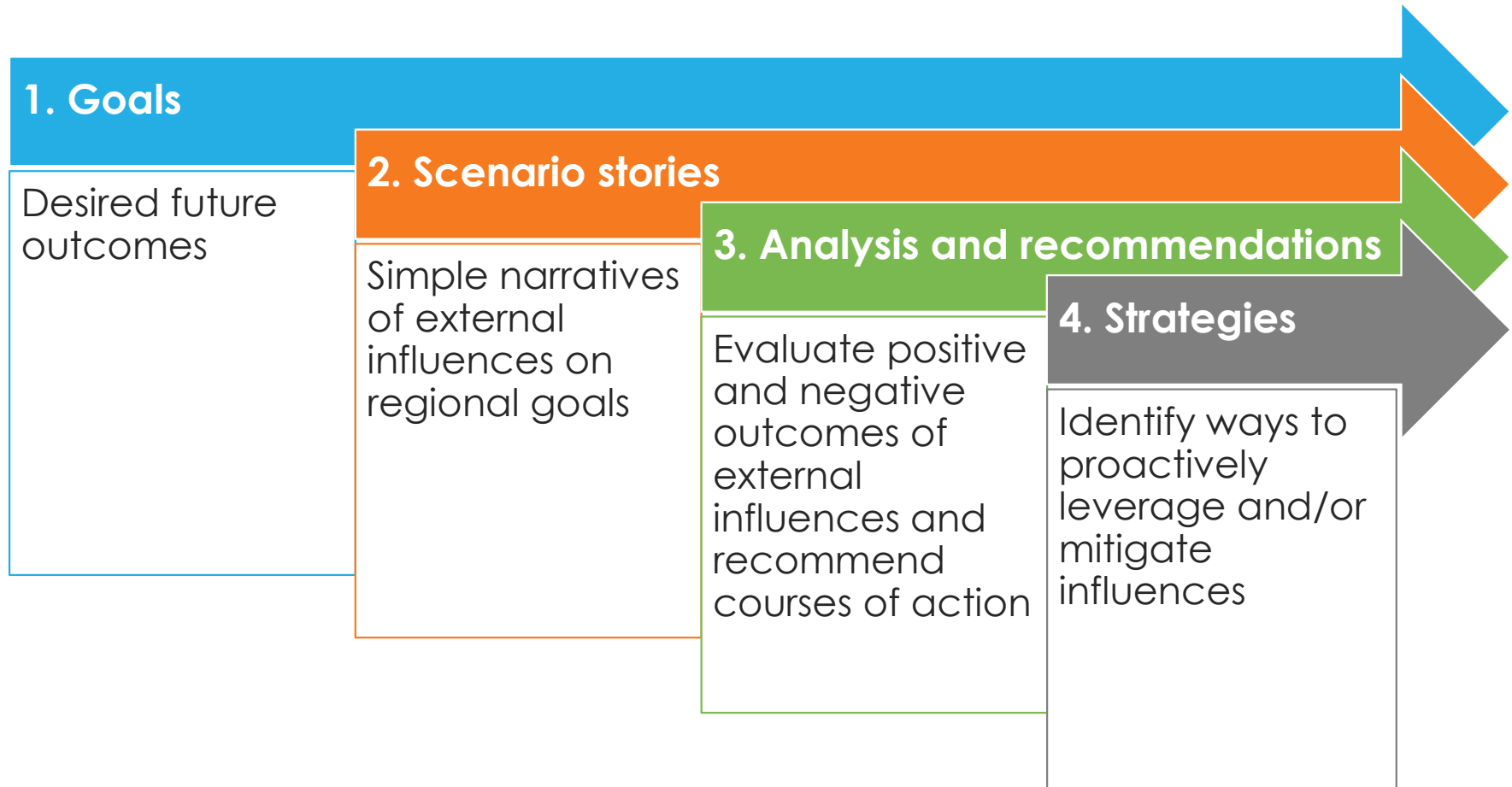


Purpose of Scenarios

“Scenario planning enables professionals, and the public, to respond dynamically to an unknown future. It assists them with thinking, in advance, about the many ways the future may unfold and how they can be responsive, resilient, and effective, as the future becomes reality.”

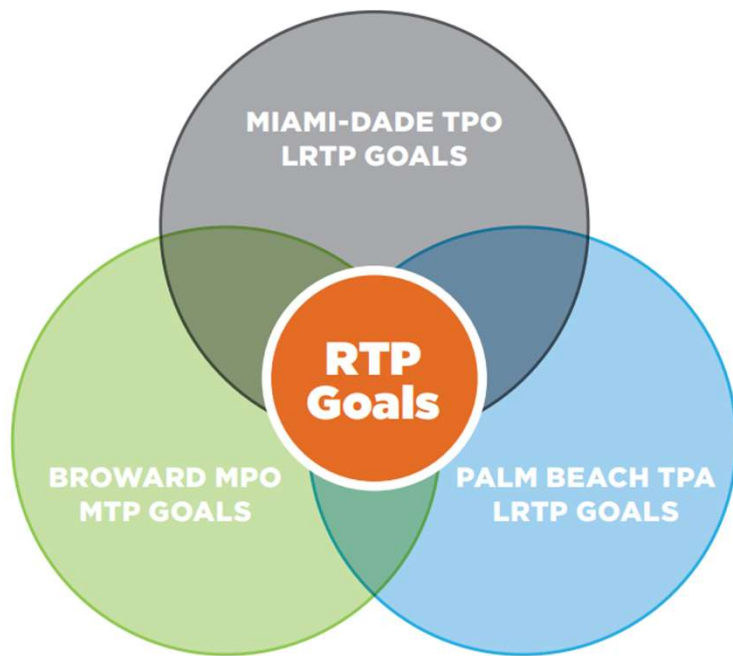
American Planning Association

Process



Regional Goals, Objectives and Targets

4



2045 RTP Goals

SUSTAINABILITY AND QUALITY OF LIFE

1. MULTIMODAL SYSTEM & LAND USE

Provide an accessible, efficient, and reliable multimodal transportation system that is well integrated with supportive land uses

2. HEALTH, ENVIRONMENT, & SAFETY

Protect the region's health and environment, and provide for a safer and more secure transportation system for the region's residents, businesses and visitors

3. ECONOMY

Optimize and expedite sound investment strategies to support an expanding regional economy

4. EQUITY & PUBLIC SUPPORT

Invest in publicly supported, equitable transportation options for all users, including low-income and minority neighborhoods, as well as the aging population



Scenario
Development &
Analysis

7

March 2023 – December 2024



SEFTC 2050 RTP Goals and Scenario Framework

RLRTP Goals	Transit and Technology	Growth and Resiliency	Funding and Legislation	Disruptions and Opportunities
Multimodal system and land use				
Health, environment, and safety				
Economy				
Equity and public support				

1. Goals (example)

Miami-Dade CAV Vision Statement

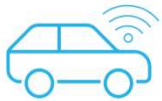
...to leverage technologies to achieve **the goals of enhanced safety, reduced reliance on single-occupancy private automobiles, and improved mobility and sustainability** of the transportation network across multiple use cases (first/last mile connections, public transit, goods movement, parking, mobility as a service (MaaS) platforms) **with an emphasis on supporting public transportation.**

*Vision statement from the Miami-Dade DTPW
Connected and Autonomous Vehicle Vision Plan,
May 2019*

2. Scenarios (example)

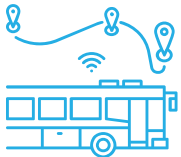


1 Trend



2 Smart Cars and Roads

autonomous vehicles connected to smart roads (CAV)



3 Smart Transit

CAVs and high-tech transit (vehicles, operations)



4 Smart Infrastructure Network

CAV, high-tech transit, and high-tech access, bike/ped

2. Analysis (example)

CAV will be an impactful technology; but there are pros and cons

Pros

Reduce roadway delay
Improve mode share
(free up right-of-way for transit)

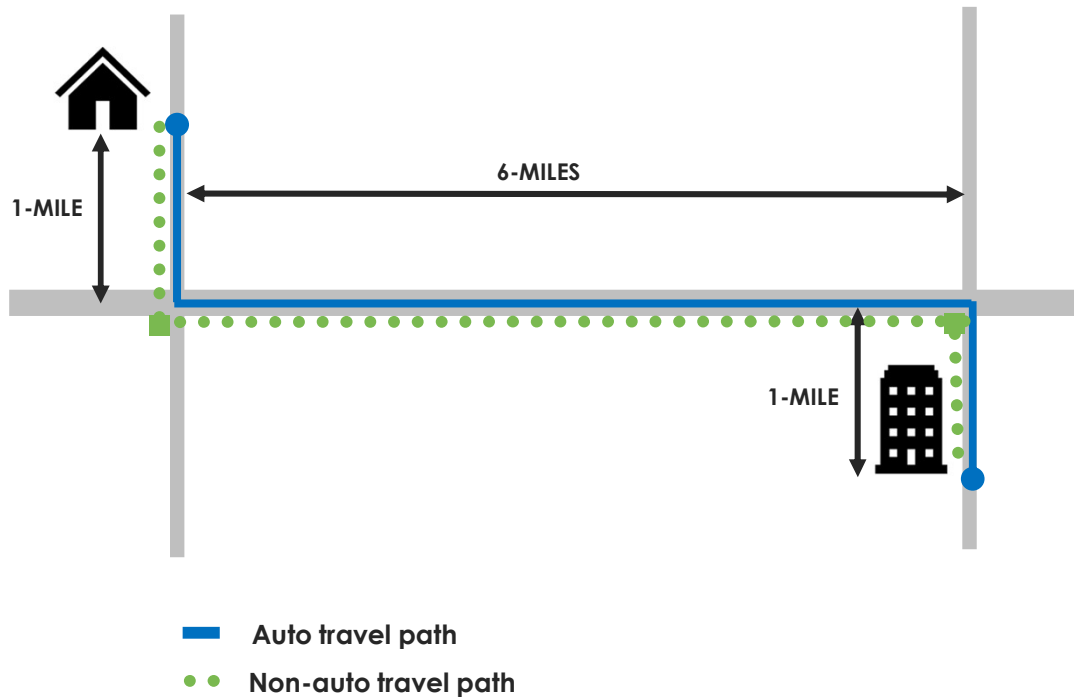
Cons

Reduce transit ridership
Promote suburban sprawl

Need to look beyond CAV technologies and consider all technologies

Need integrated multimodal systems approach to technologies

2. Recommendations (example)

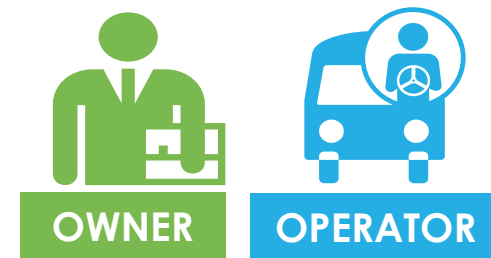
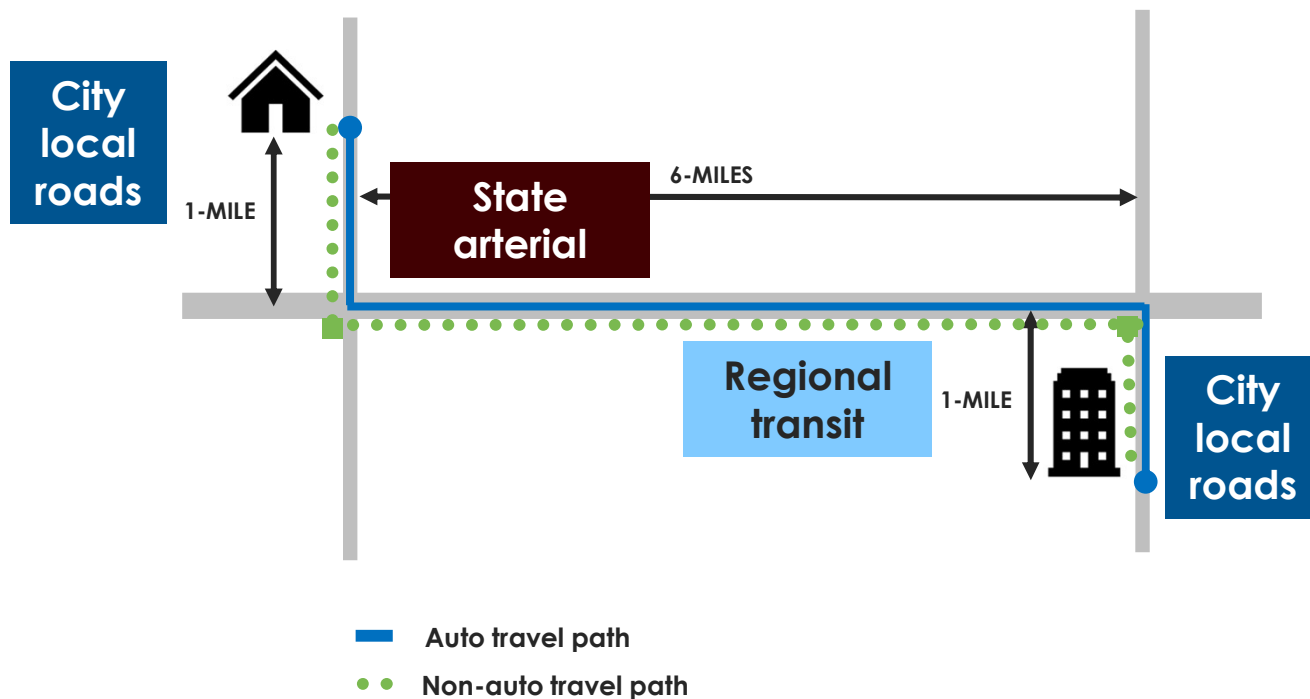


USER

User's door-to-door travel mode and path options

Performance objectives – minimize travel time and cost

2. Recommendations (example)



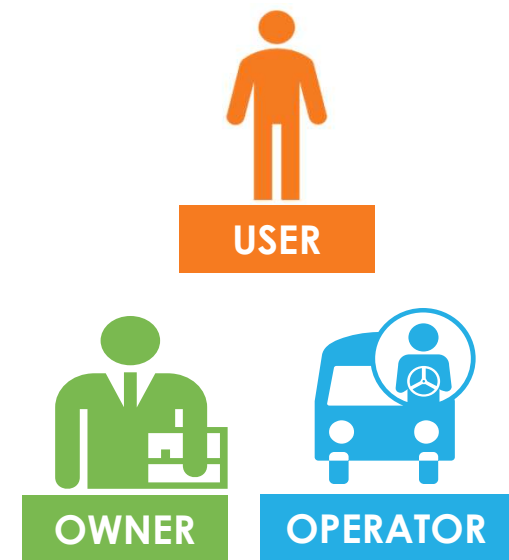
Differing owners / operators of path segments

Differing segment performance objectives:

- City roads – access to major road network
- Regional transit – segment ridership
- State arterial – segment level of service (speed)

2. Recommendations (example)

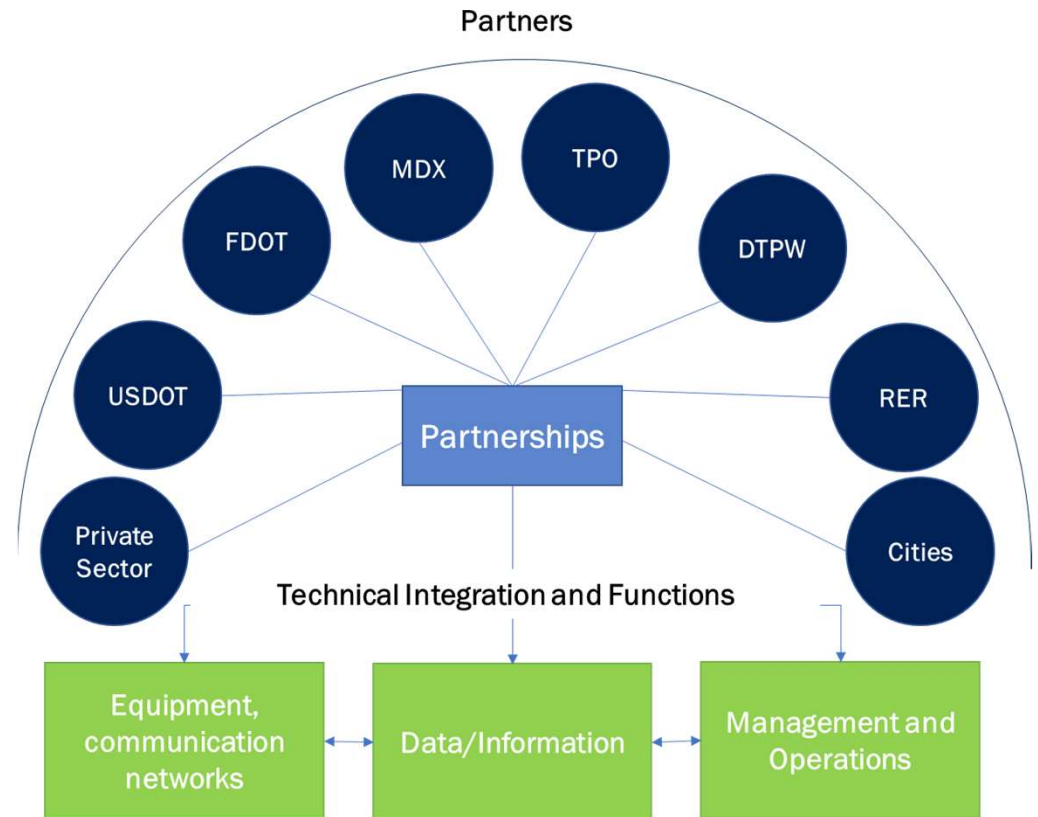
- How can competing goals be reconciled?
 - *Integrated partnerships among perspectives*
 - *Integrated technologies across modes*
- What is the basis for reconciliation?
 - *Multimodal goals*
 - *Multimodal performance measures*



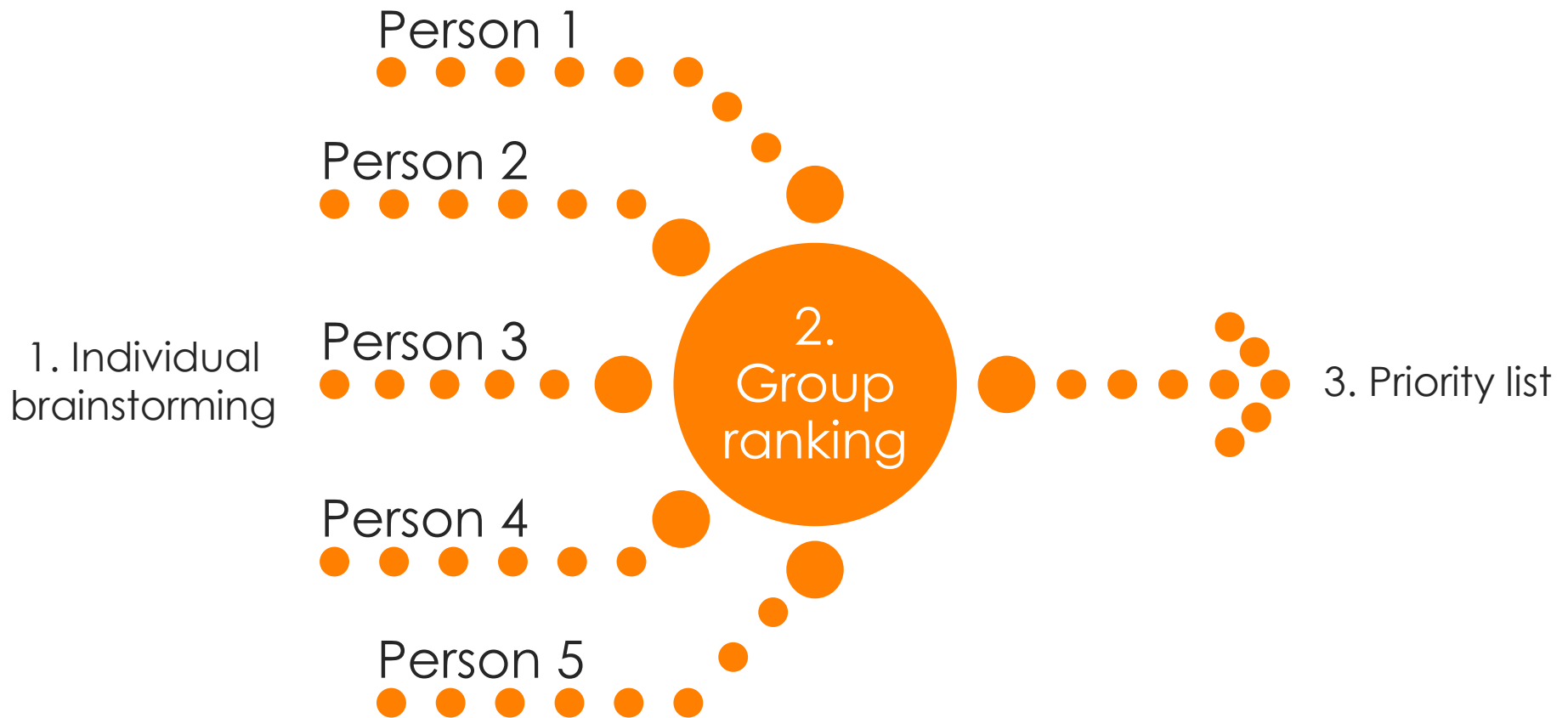
3. Strategies (example)

- Integrated partnerships
 - Planning Framework
 - Goals/objectives
 - Performance measurements
- Technical integration
 - Equipment
 - Communication
 - Information
 - Data
 - Management and operations

SMART CAV Concept of Integrated Operations



Exercise – Nominal Group Technique



Exercise

- Brainstorm and build consensus on top factors to consider in each scenario

1. TRANSIT + TECH



2. GROWTH + RESILIENCY



3. FINANCE + LEGISLATIVE



4. DISRUPTIONS + OPPORTUNITIES



Next Steps

- **Scenario stories**
 - **Develop scenario stories based on today's exercise**
 - **Feedback and refinement of stories**
- Analysis and recommendations
- Projects and strategies

ACTIONS SINCE LAST MEETING:



E+C Network Project Request



Schedule Review Completed



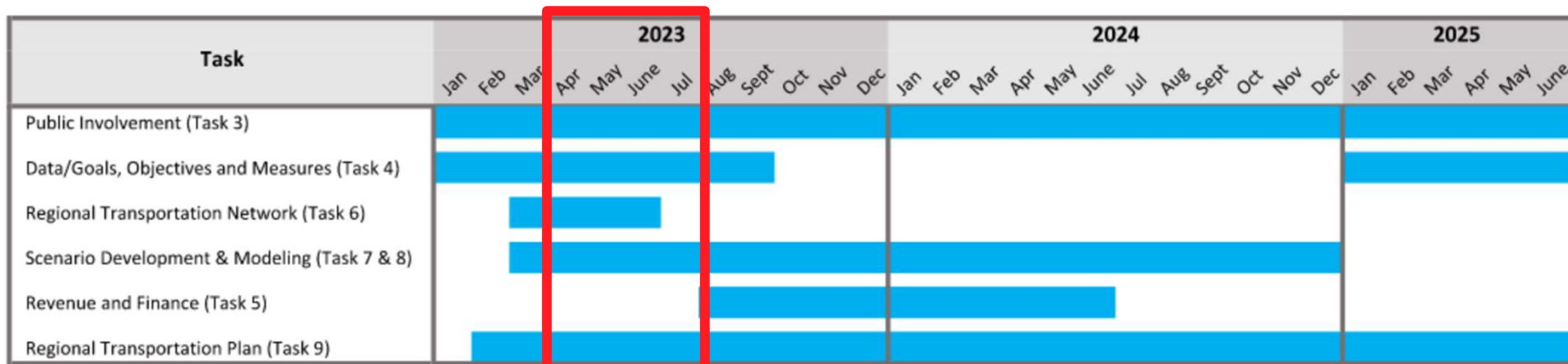
SEFTC website edits



Regional Survey questions shared with MPOs

Schedule & Coordination

2



Now through Summer 2025

SOUTHEAST FLORIDA **2050**
REGIONAL TRANSPORTATION PLAN
Miami-Dade • Broward • Palm Beach

THANK YOU!

JESSICA JOSSELYN
Consultant Project Manager
954-770-6463
Jjosselyn@kittelsohn.com