Regional Transportation Systems Management and Operations (TSMO) Strategic Plan

ARC Board Meeting
August 26, 2020

ARC

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Expect More. Experience Better.

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TSMO Goals

Goals / Key Outcomes

OPTIMIZING SAFETY

RELIABLE TRAVEL TIMES

EFFICIENT, SEAMLESS TRAVEL

EQUITABLE ACCESS

ENVIRONMENTAL BENEFITS

Foundational Elements

Collaboration

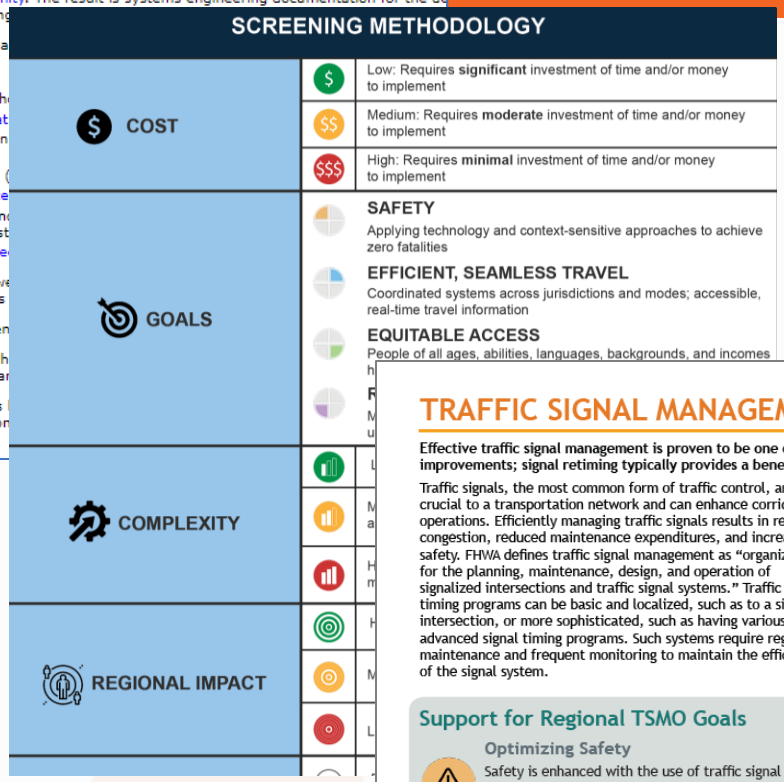
Philosophy focused on moving people and goods

Data sharing

Culture of innovation

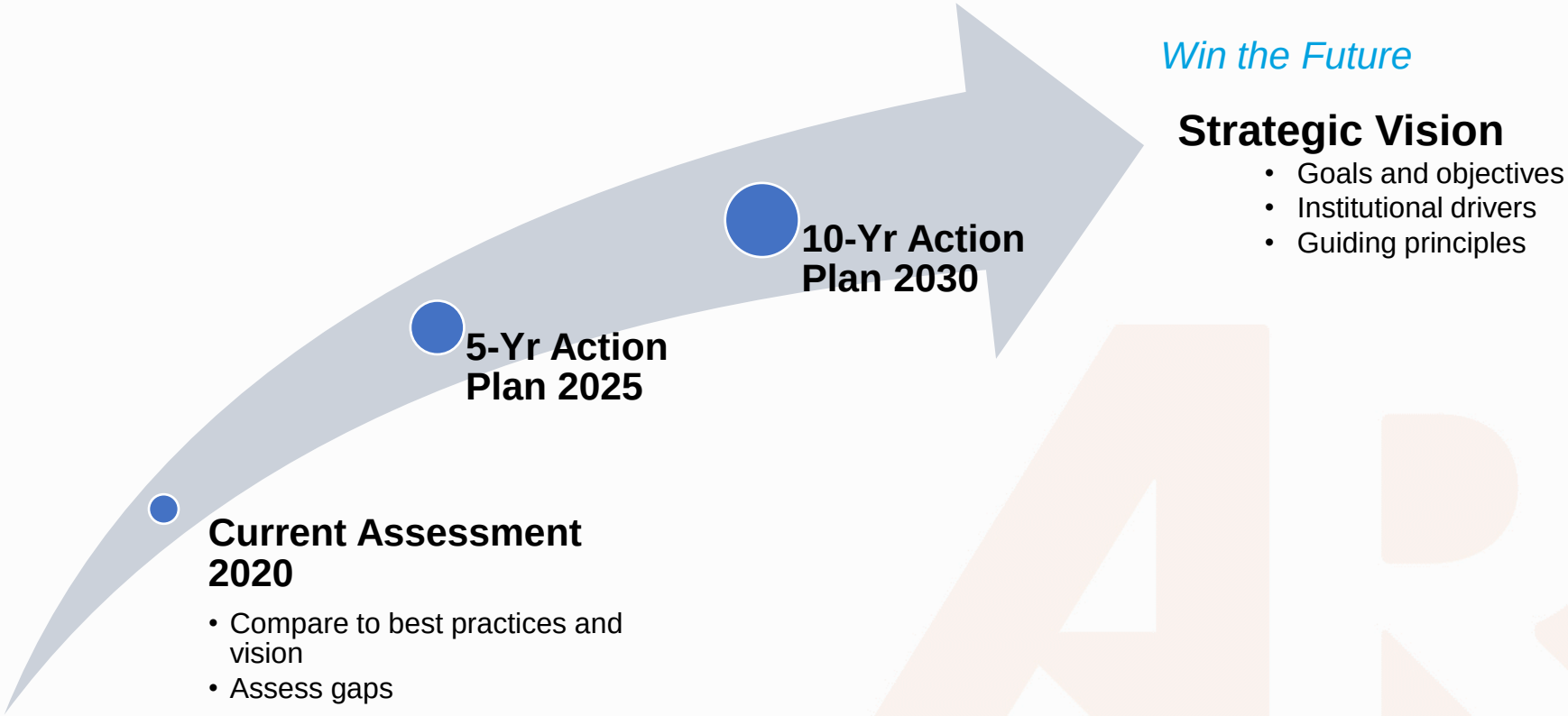
Supporting Resources

- Regional Inventory
- Data Governance
- ITS Architecture Update
  - http://itsarchitecture.atlantaregional.org/
- Pilot Project Screening Assessment
- Local Agency Deployment Guide



Creating a Regional TSMO Strategic Plan

Creating a plan to proactively advance the region's vision for ITS/TSMO



Strategic Initiatives

Foundational Elements Focused Initiatives

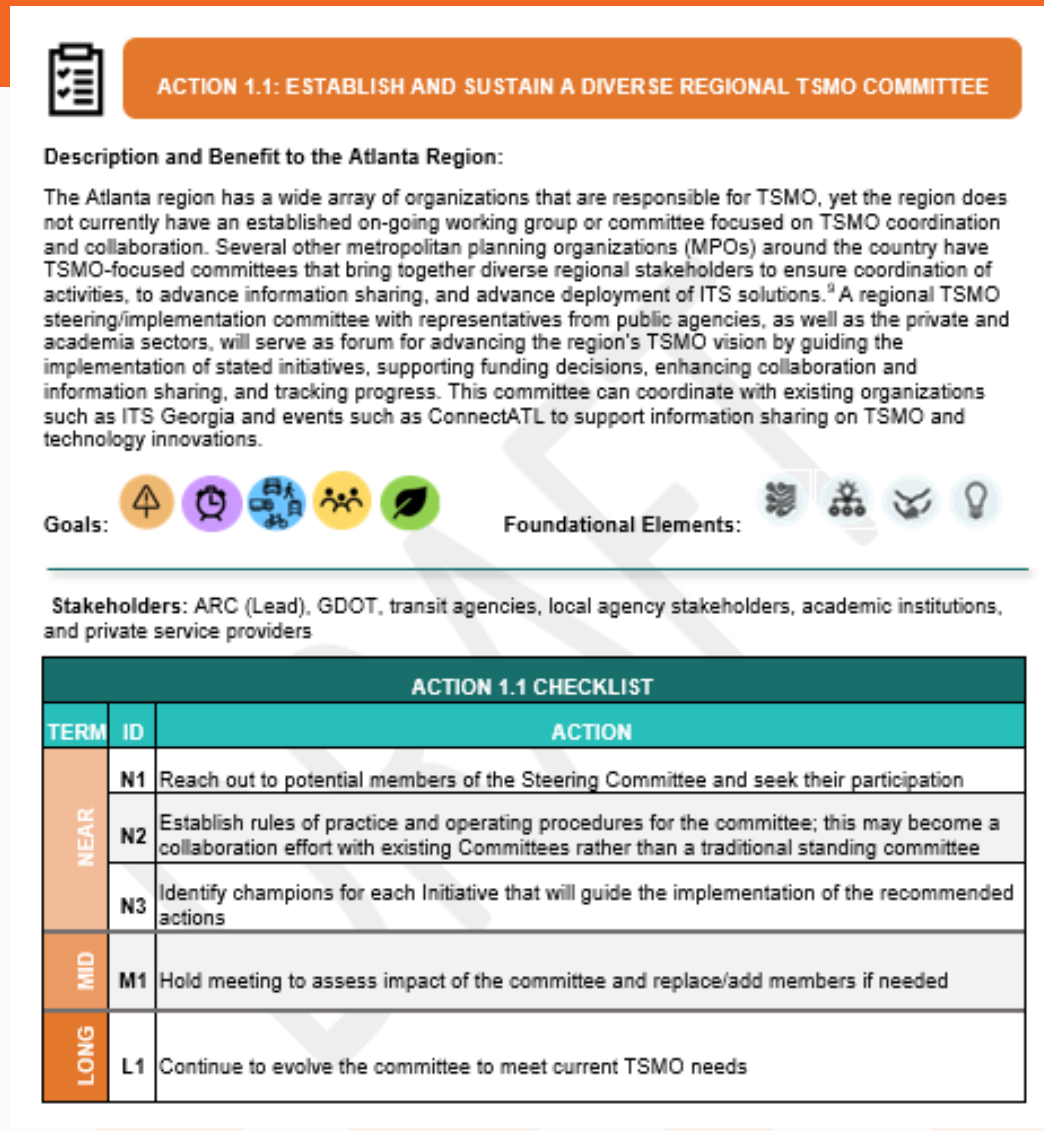
- Strengthen TSMO Planning & Institutions
- Enhance Data Sharing & Management
- Encourage TSMO Innovation

Deployment Focused Initiatives

- Deploy Connected & Automated Vehicle Technologies
- Advance Regional Coordination & Network Communications
- Strengthen Work Zone & Event Management
- Enhance Transit Operations
- Advance Mobility as a Service

Format for Presenting Actions in the Plan

- Description and Benefits to the Atlanta Region
- Support for:
  - Goals
  - Foundational Elements
- Stakeholders
- Action Checklist



ACTION 1.1: ESTABLISH AND SUSTAIN A DIVERSE REGIONAL TSMO COMMITTEE

Description and Benefit to the Atlanta Region:

The Atlanta region has a wide array of organizations that are responsible for TSMO, yet the region does not currently have an established on-going working group or committee focused on TSMO coordination and collaboration. Several other metropolitan planning organizations (MPOs) around the country have TSMO-focused committees that bring together diverse regional stakeholders to ensure coordination of activities, to advance information sharing, and advance deployment of ITS solutions.[9] A regional TSMO steering/implementation committee with representatives from public agencies, as well as the private and academia sectors, will serve as forum for advancing the region's TSMO vision by guiding the implementation of stated initiatives, supporting funding decisions, enhancing collaboration and information sharing, and tracking progress. This committee can coordinate with existing organizations such as ITS Georgia and events such as ConnectATL to support information sharing on TSMO and technology innovations.

Goals: **Foundational Elements:**

Stakeholders: ARC (Lead), GDOT, transit agencies, local agency stakeholders, academic institutions, and private service providers

ACTION 1.1 CHECKLIST		
TERM	**ID**	**ACTION**
NEAR	N1	Reach out to potential members of the Steering Committee and seek their participation
	N2	Establish rules of practice and operating procedures for the committee; this may become a collaboration effort with existing Committees rather than a traditional standing committee
	N3	Identify champions for each Initiative that will guide the implementation of the recommended actions
MID	M1	Hold meeting to assess impact of the committee and replace/add members if needed
LONG	L1	Continue to evolve the committee to meet current TSMO needs

Strengthen TSMO Planning and Institutions

1. Establish and sustain a diverse regional TSMO committee.
2. Demonstrate the value and need for TSMO by making TSMO initiatives and projects more visible to the public and decision makers.
3. Develop tools and guidance for local agencies and partners to advance TSMO strategies.
4. Integrate TSMO into local and regional planning and development processes.
5. Incorporate freight into TSMO planning activities.
6. Supplement traditional transportation demand modeling with TSMO performance measures.
7. Incorporate more TSMO performance measures into ARC's project selection processes.

Contact Information

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All documentation available at:
https://atlantaregional.org/TSMO/