MODULE 11: Creating a TSMO Program Plan

ITS Heartland Chapter

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

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Kansas
Department of Transportation

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Oklahoma Department
of Transportation

U.S. Department
of Transportation
Federal Highway
Administration

Why TSMO Program Planning?

Intent: Move transportation system management and operations (TSMO) from an ad hoc set of activities or strategies into a cohesive _program_ that is vital to the mission of the agency.

TSMO program planning facilitates _integration_ and _mainstreaming_ of TSMO within a transportation organization to support new and evolving roles and responsibilities of these organizations.

Benefits of TSMO Program Planning

- Creating a TSMO Mission
  - Describes goals, objectives and benefits
  - Connects to Agency's mission

- Sustaining and Institutionalizing the TSMO Mission
  - IDs how it "fits" into Agency

- Supports Effective Program Delivery
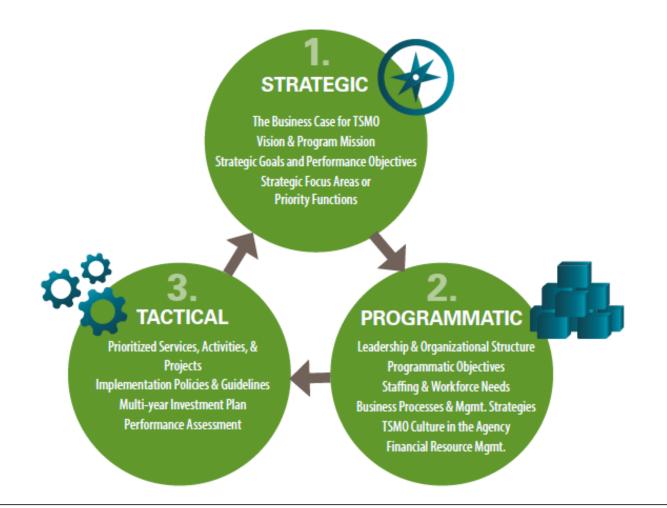 - IDs need, projects, funding, and progress

Key Elements of TSMO Program Planning

1. STRATEGIC
The Business Case for TSMO
Vision & Program Mission
Strategic Goals and Performance Objectives
Strategic Focus Areas or Priority Functions

2. PROGRAMMATIC
Leadership & Organizational Structure
Programmatic Objectives
Staffing & Workforce Needs
Business Processes & Mgmt. Strategies
TSMO Culture in the Agency
Financial Resource Mgmt.

3. TACTICAL
Prioritized Services, Activities, & Projects
Implementation Policies & Guidelines
Multi-year Investment Plan
Performance Assessment

Regional Operations Forum Training Program

Strategic Elements: *Setting Clear Direction and Common Understanding*

TSMO program planning starts with defining **a high-level strategic business case** for TSMO and clearly defining TSMO as a **core part of the agency's mission and vision.**

1-Strategic

The Business Case for TSMO

Vision & Program Mission

Strategic Goals and Performance Objectives

Strategic Focus Areas or Priority Functions

Programmatic Elements: *Organizing, Staffing, and Developing Processes to Advance TSMO*

The programmatic elements of TSMO program planning **address institutional and organizational structure** needed to deliver the TSMO mission for the agency in **coordination with its partners**.

2-Programmatic

Leadership & Organizational Structure

Programmatic Objectives

Staffing & Workforce Needs

Business Processes & Mgmt Strategies

TSMO Culture in the Agency

Financial Resource Mgmt.

Tactical Elements: *Identifying Priority Services, Activities, and Projects*

TSMO program planning addresses tactical issues that **lay the groundwork for TSMO deployment**, including the identification of prioritized services, activities, and projects.

3-Tactical

Prioritized Services, Activities, & Projects

Implementation Policies & Guidelines

Multi-year Investment Plan

Performance Assessment

Ten Guiding Principles to Advance TSMO Programming Planning

1. Understand motivation

2. Identify a leader and key internal partners

3. Develop a clear definition and understanding of TSMO

4. Establish baseline conditions / conduct self-assessment

5. Identify what expertise is needed

Ten Guiding Principles to Advance TSMO Programming Planning (continued)

6. Organize for TSMO

7. Engage key external stakeholders

8. Look ahead to emerging technologies and innovations

9. Consider external forces and other emerging issues

10. Analyze and evaluate performance