



# Leveraging And Coordinating Information Technology Resources for Transportation

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Connected Vehicles, Arterial Management, Managed Lanes  
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# TSM&O Mainstreaming

**Coordination Meeting**

**Manual Updates**

**Division Leads Present on TSM&O**

**Institutionalization through Leadership Engagement**

- **Enhance** inter-office communication and coordination
- **Develop** TSM&O content for FDOT functional program area manuals and guides
- **Emphasize** TSM&O within formal planning and project development and environment (PD&E) processes
- **Develop** Florida-specific TSM&O guides

## Functional Program Office

Policy Planning

Systems Planning

Work Program

Environmental Management

Design

Emergency Management

Program Management

Safety

Freight, Logistics, Passenger

Operations

Traffic Engineering and

Operations

Transportation Statistics

# Funding

Consider arterials  
and their O&M



Leverage Strategic  
Planning with  
funding as focus  
area

Develop O&M  
funding concept

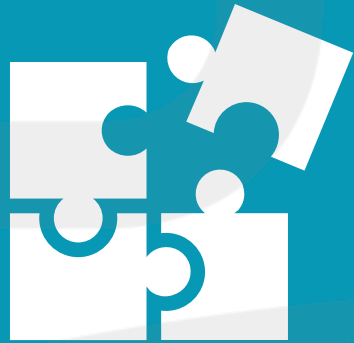
Incorporate IT  
funding needs

# Resource Allocation

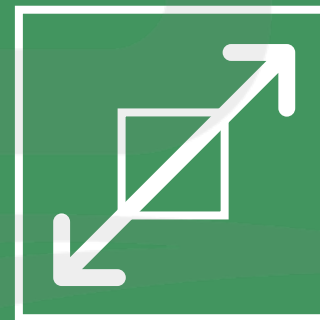
**Review IT  
resource  
needs**



**Integrate  
IT into  
TMCs**



**TSMO  
expands  
into CAV  
and other  
areas**



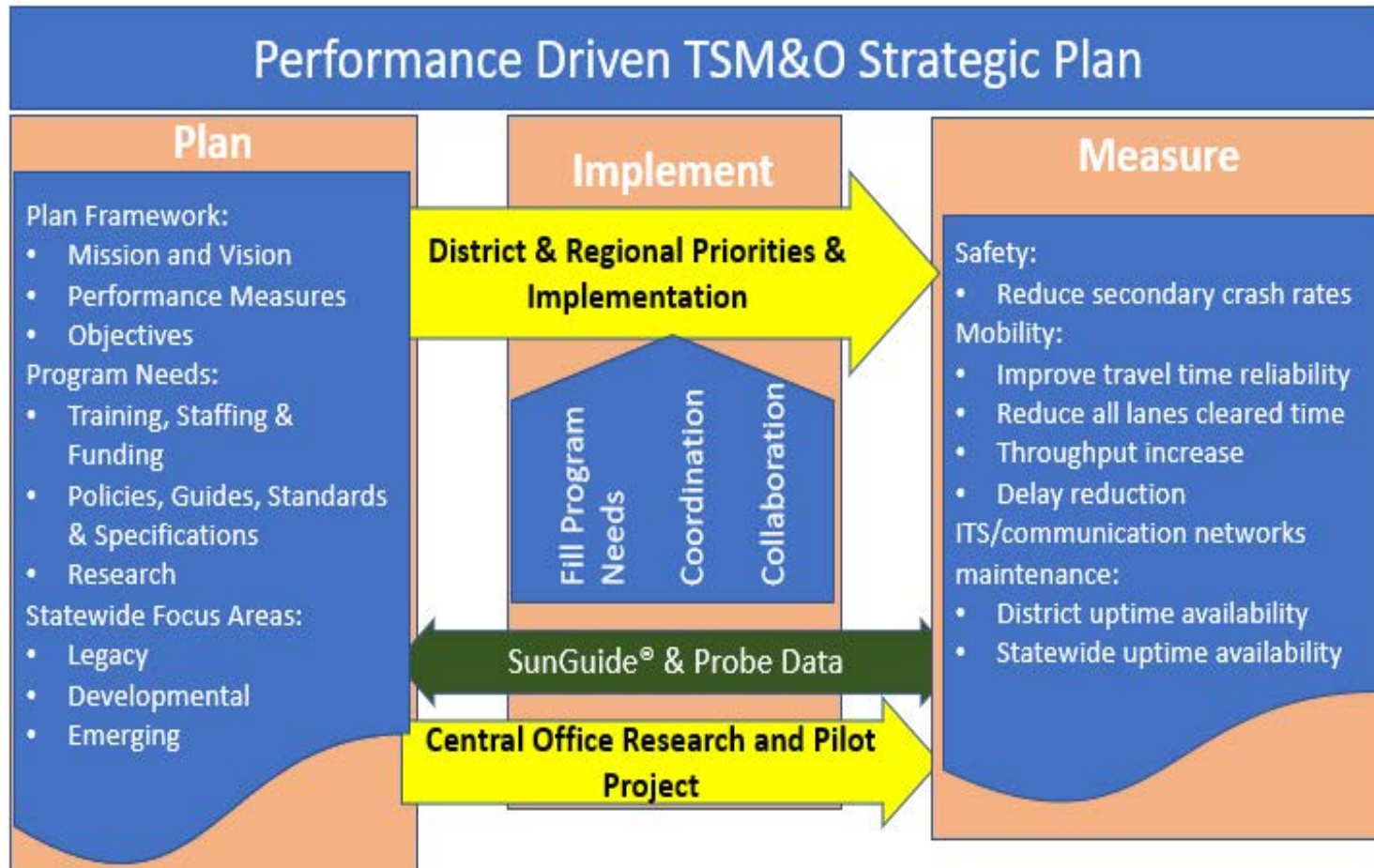
**Network  
Specialization  
needs**



# TSMO Strategies and Focus Areas



## TSM&O Priority Focus Areas



<b>1 Mainstreaming</b>	<b>4 Express Lanes</b>
<b>2 Freeway Management</b>	<b>5 Connected Vehicles</b>
<b>3 Arterial Management</b>	<b>6 Information Systems</b>

# Role of Technology Information in ITS



**Innovation Performance Measures**



**Pilot Projects**



**Optimize Existing Systems**



**Best Practices**



**Stakeholder Coordination**

- Short life cycle associated with information technology
- Make strategic choices that enable ***upgrading or replacing aging technology without causing major disruptions TSMO***
- Connected communities require strategic planning ***to ensure that investments produce the desired outcomes***
- Investments ***integrated into the larger planning process***
- Planning for operations receives the same consideration as other strategic investments



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