



***Performance-Based  
Planning &  
Programming:***

*What We've Learned  
& Where We're Going*

*January 15, 2020*

# Meeting Topics

- Overview of Performance-Based Planning and Programming (PBPP)
- CRTPO PBPP Activities (Completed, Planned)
- Next Steps
- Discussion

# Overview of Federal PBPP

## MAP-21

## FAST ACT

- ***Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21)***
- Established a Program that Focuses on Performance-Based Outcomes
- Organized by Six Performance Management Elements
- ***Fixing America's Surface Transportation (FAST) Act***
- Continues MAP-21 PBPP Approach
  - Minimal Changes
- Set to Expire Sept 30, 2020
  - Assume PBPP Approach will Continue



# Benefits of PBPP

## Informed Decisions



*Use System Information*



## Accountability



*Make Better Investment & Policy Decisions*

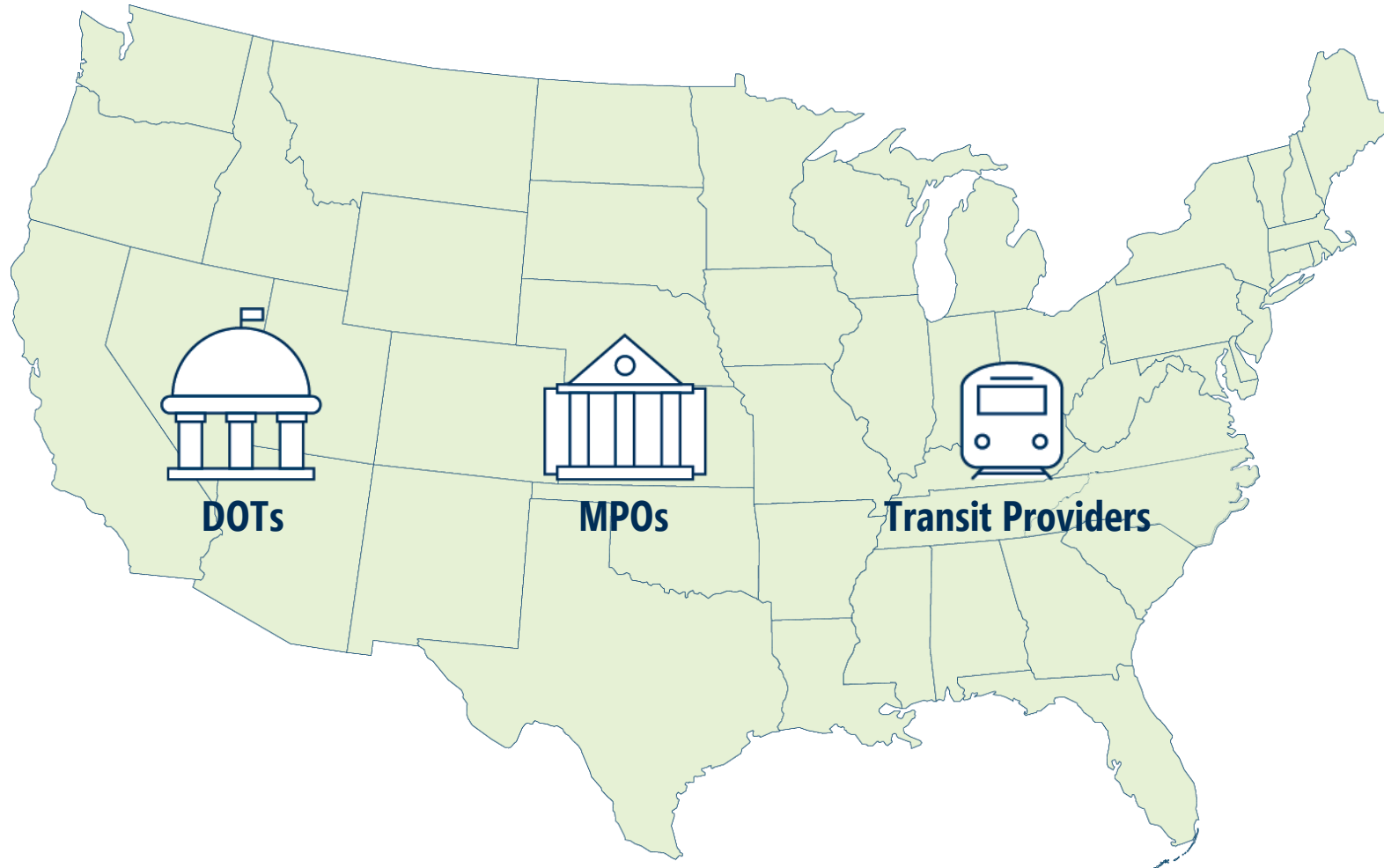


## Productivity

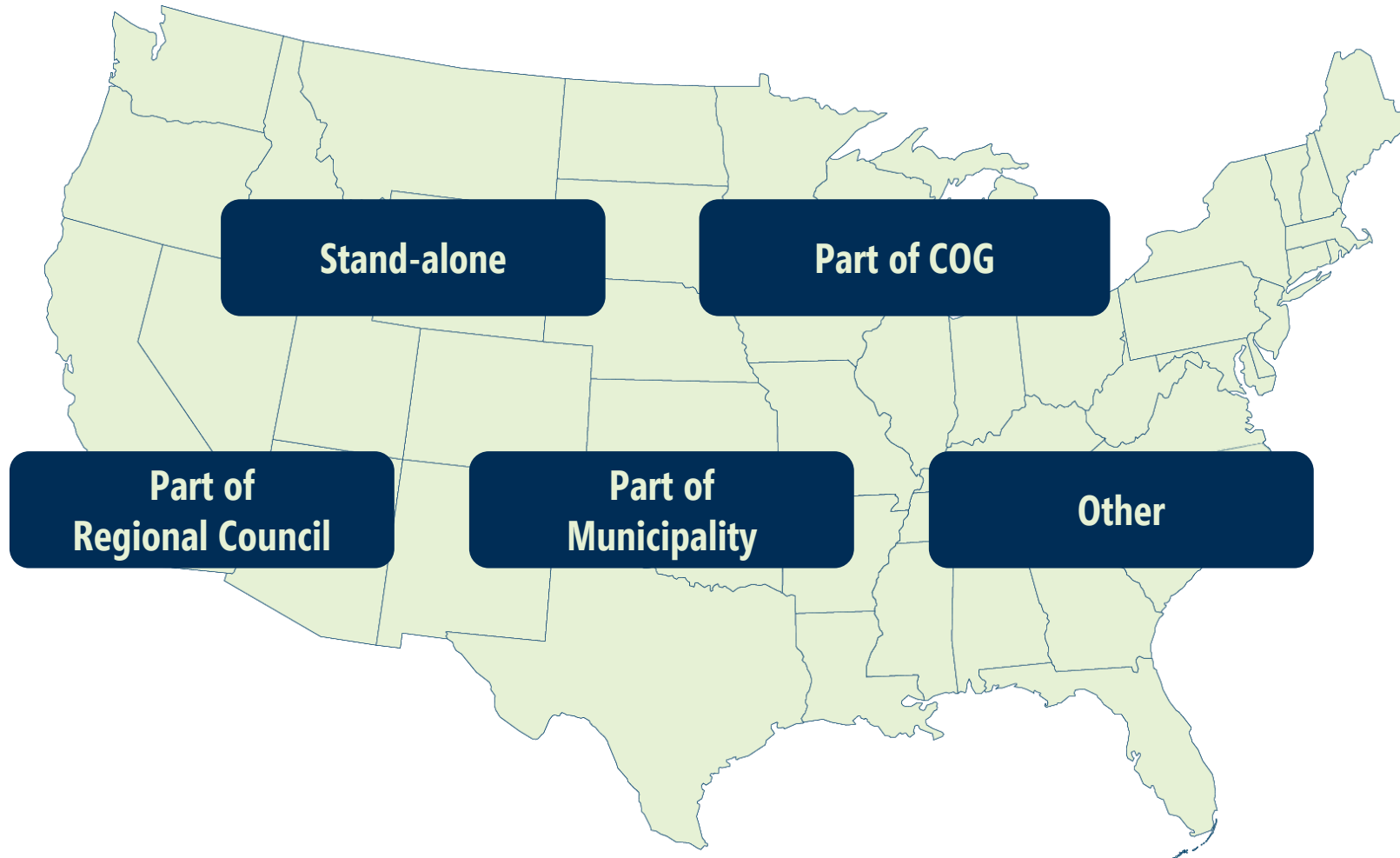


*Achieve Performance Goals*

# Context of Federal PBPP



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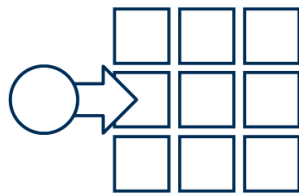
# Context of Federal PBPP



**Coordinating**



**Monitoring**



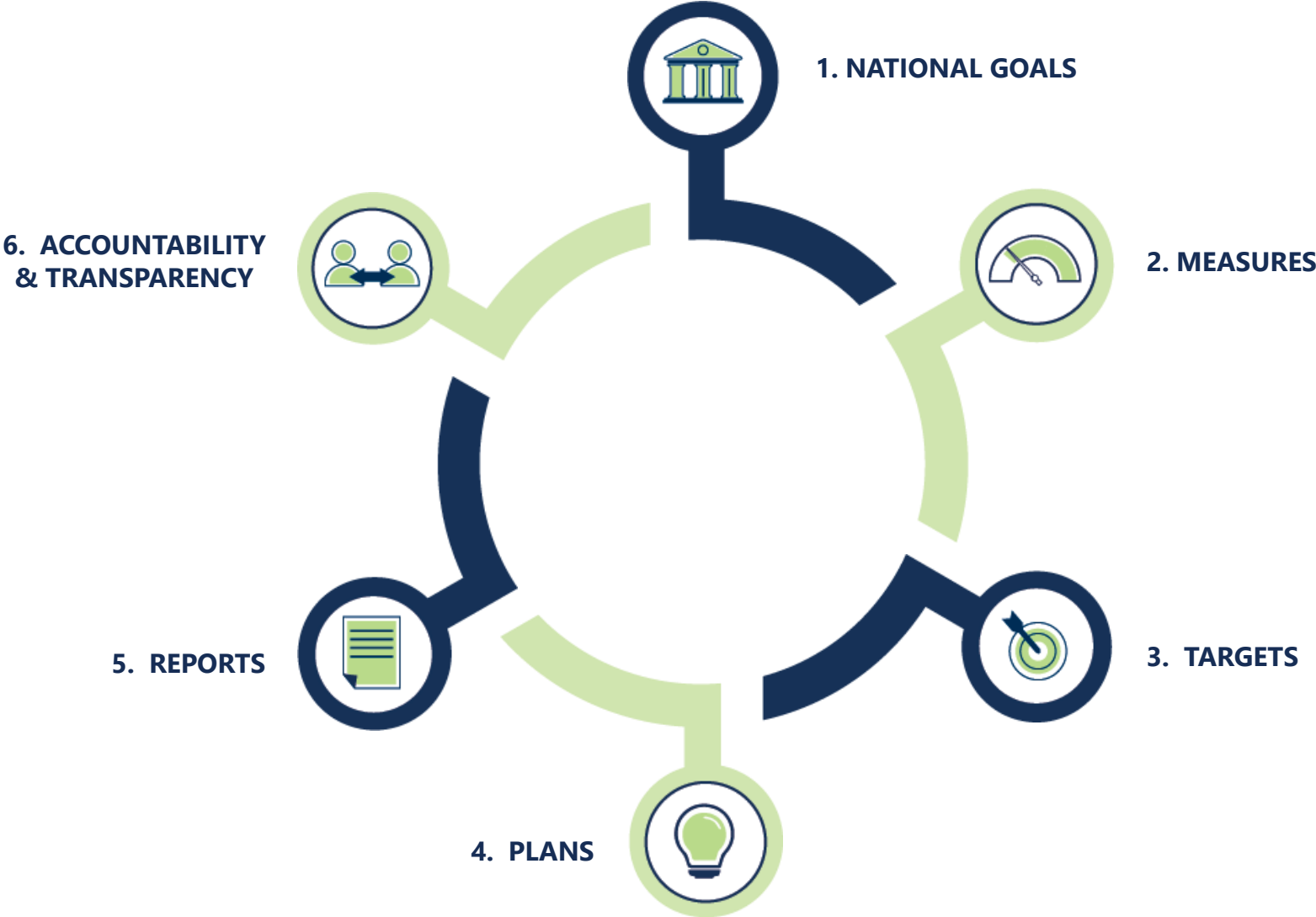
**Integrating**



**Developing**



# Elements of PBPP



# 1. National Goal Areas



- Safety
- Infrastructure Condition
- Congestion Reduction
- System Reliability
- Freight Movement and Economic Vitality
- Environmental Sustainability
- Reduced Project Delivery Delays

# 2. Measures



# and 3. Targets



MEASURES			TARGETS	
	Highway (FHWA)			Highway (FHWA)
	Safety	➔		NCDOT, CRTPO
	Infrastructure Condition (Pavement & Bridge Condition)	➔		NCDOT, CRTPO
	System Performance (Reliability, Freight, PHED, Non-SOV, On-Road Mobile Source Emissions)	➔		NCDOT, CRTPO, SCDOT, GCLMPO, CRMPO, RFATS
	Transit System (FTA)			Transit System (FTA)
	Transit Assets	➔		NCDOT, CATS, ICATS, Union County Transit, CRTPO
	Transit Safety	➔		NCDOT, CATS, ICATS, Union County Transit, CRTPO

*MPOs may Establish Additional Performance Measures*

*Coordination Among Agencies*

*Must be Quantitative*

*Represent Future Performance Expectations*

## 2. Measures



## and 3. Targets



**5**  
CATEGORIES

**25**  
MEASURES

**180**  
DAYS

# 4. Plans and 5. Reports

- Different Requirements for Different Agencies
- **Plans**
  - Identify Strategies and Investments that Address Performance Needs
- **Reports**
  - Document Progress Toward Target Achievement and the Effectiveness of Investments

# 6. Accountability & Transparency

## FEDERAL AGENCIES REVIEW TO ENSURE:



PBPP is effective



Targets are meaningful



Progress is being made toward achieving targets

## REPERCUSSIONS FOR NOT MEETING TARGETS:

**Highway** - State DOTs must develop action items and obligate funds

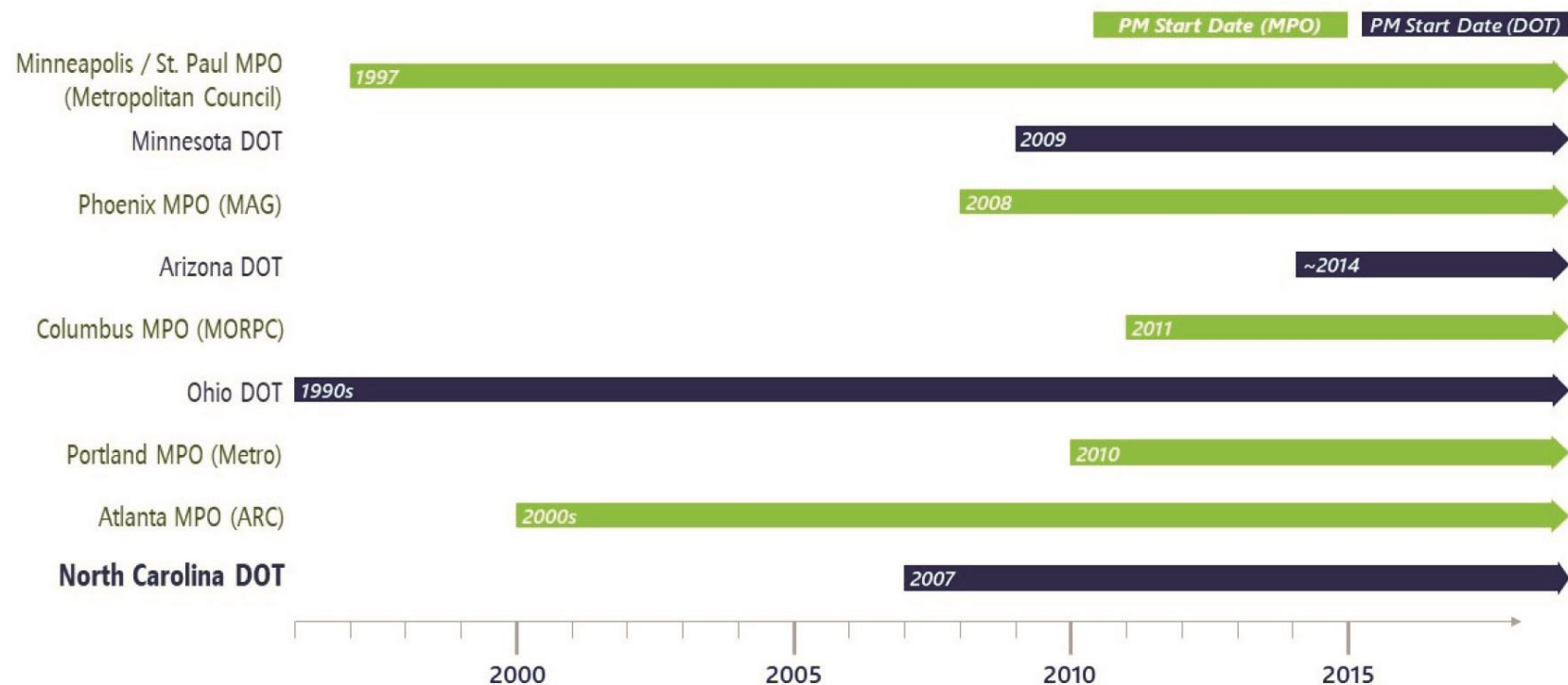
**Transit** - Under development

**MPOs** - None specified; could be imposed under certain circumstances

*This review helps identify opportunities for improvement*

# Overview of Non-Federal PBPP

- Separate from Federal Process
- Optional for MPOs
- Utilized by Many Agencies Prior to Federal Legislation



# Benefits of Non-Federal PBPP



**Specific to Our Region**



**Useful Data for Various Planning Activities**



**Measuring Performance Already, This Makes it More Meaningful**



# CRTPO Non-Federal PBPP Process



Measures Introduced  
and Prioritized

**7**  
MEASURES



Research Conducted to  
Determine Applicability and  
Data Resources

**4**  
YEARS



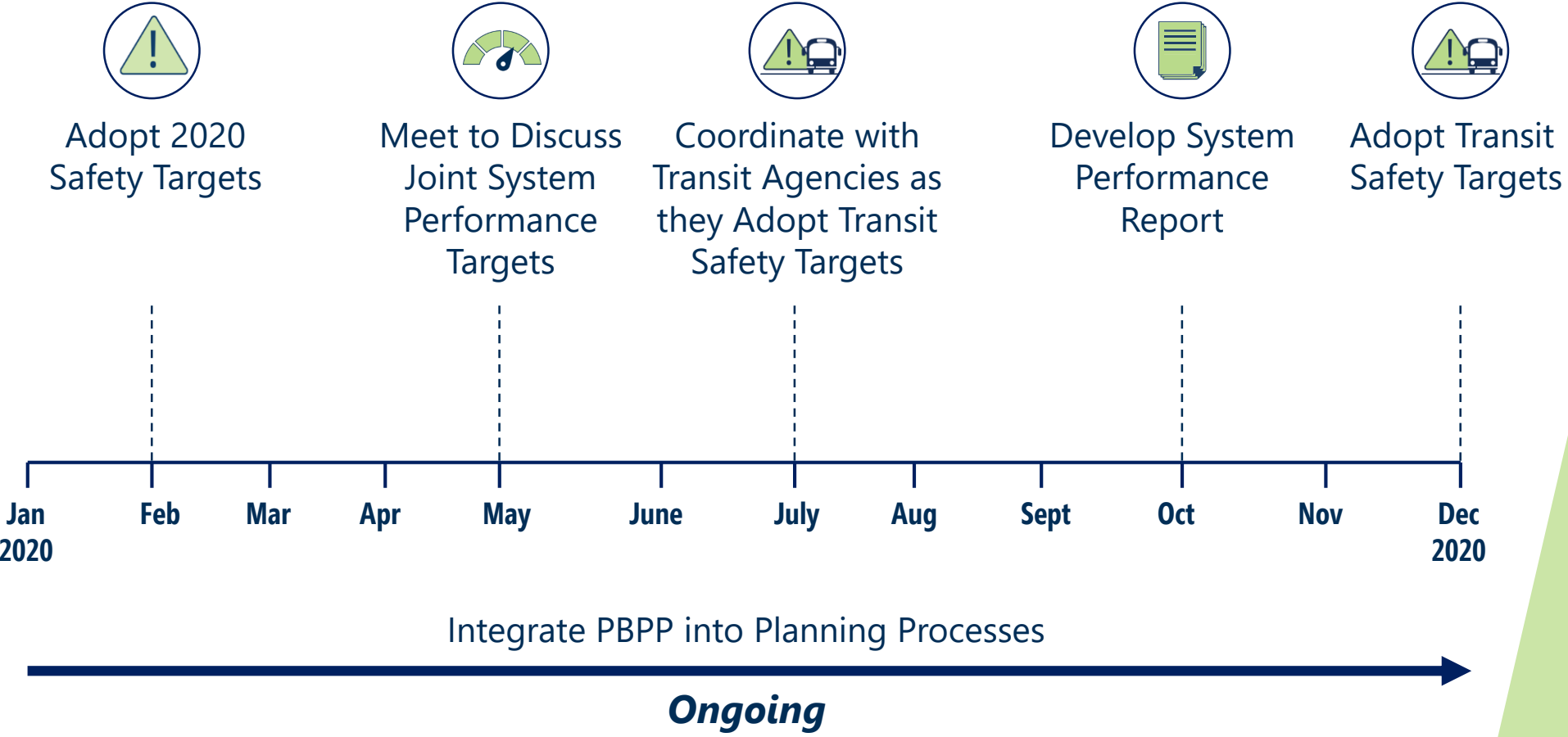
Recommendations  
Developed

**1**  
TRANSIT  
PLANNER

# Completed CRTPO Activities

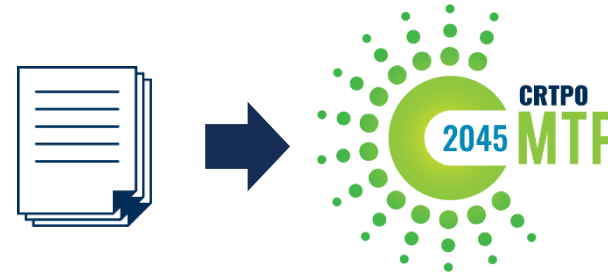


# Planned CRTPO Activities



# Next Steps

- Ongoing Process
  - Coordination and data collection
  - Monitoring and reporting
  - Updating targets
  - Integration into plans and processes
- Refine CRTPO's Approach
- Use Webpage as a Resource  
*<http://crtpo.org/performance-based-planning-programming>*



# Discussion Questions

- Why Adopt NCDOT Targets?
- Can CRTPO Help Move the Needle?
  - Which measures?
  - If so, how?
- Value in Monitoring/Reporting Data at the Regional Level?
  - How to define region (MPO area; multiple MPOs; other)?
- Ideas for PBPP Integration into MTP and TIP?
  - Other CRTPO plans and processes to consider for PBPP integrating?
- Other Questions?



**CRTPO**

*Thank you!*