TPM State Workshop

Components 3 & 4: Performance-Based Programming

Sandy, UT

November 6-7, 2017

U.S. Department of Transportation
Federal Highway Administration

TPM
HOW WE GET THERE

Component 3: Performance-Based Planning

03 **Performance-Based Planning**

3.1 Strategy Identification

3.2 Investment Prioritization

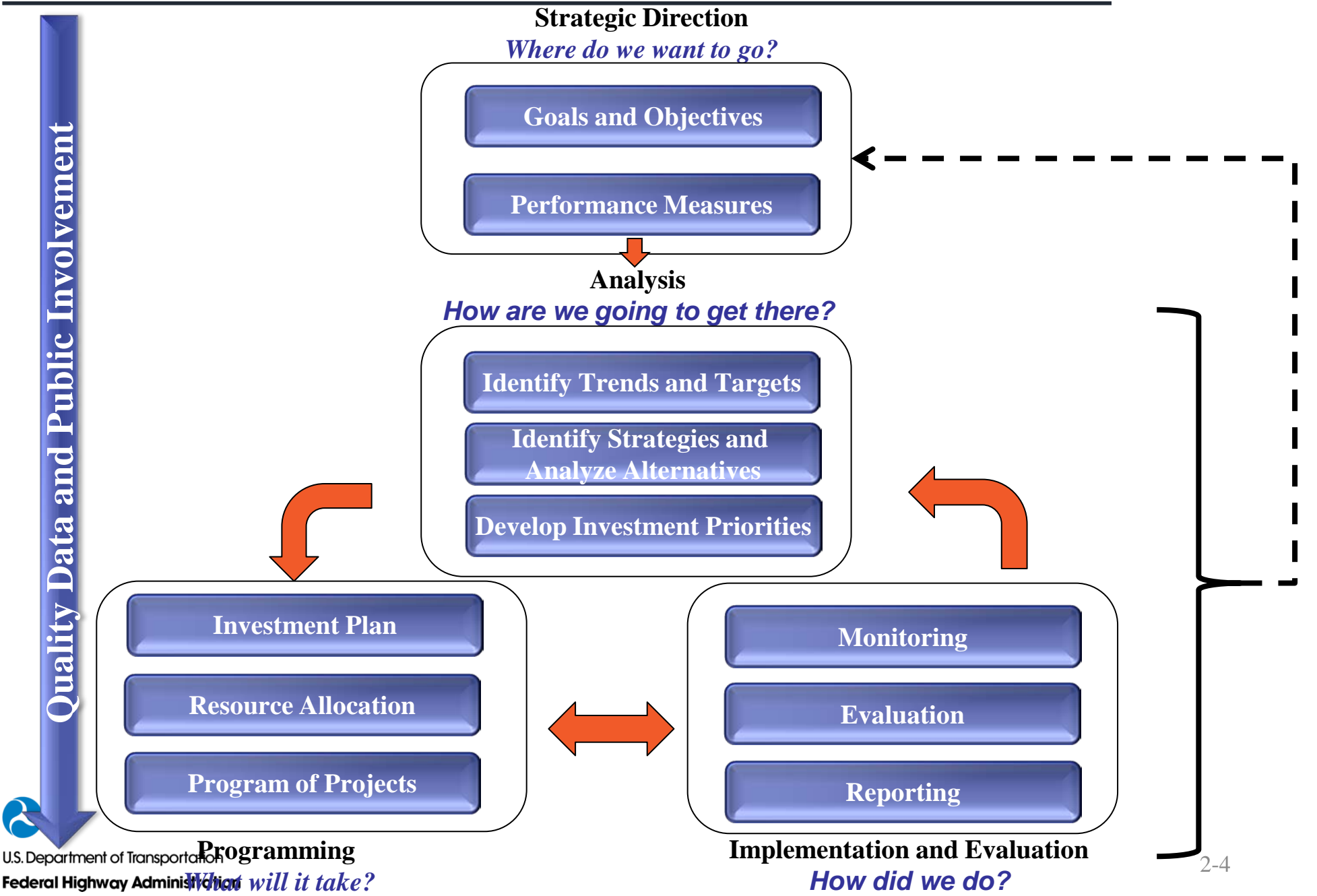U.S. Department of Transportation
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Performance-Based Planning

- Definition: *The use of agency goals and objectives and performance trends to drive the development of strategies and priorities in the long-range transportation plan and other performance-based plans and processes. The resulting planning documents become the blueprint for how an agency intends to achieve its desired performance outcomes.*

Performance-Based Planning and Programming

PLANNING

Strategic Direction

Where do we want to go?

- Goals and Objectives
- Performance Measures

Analysis

How are we going to get there?

- Identify Trends and Targets
- Identify Strategies and Analyze Alternatives
- Develop Investment Priorities

Programming

What will it take?

- Investment Plan
- Resource Allocation
- Program of Projects

Implementation and Evaluation

How did we do?

- Monitoring
- Evaluation
- Reporting

Quality Data and Public Involvement

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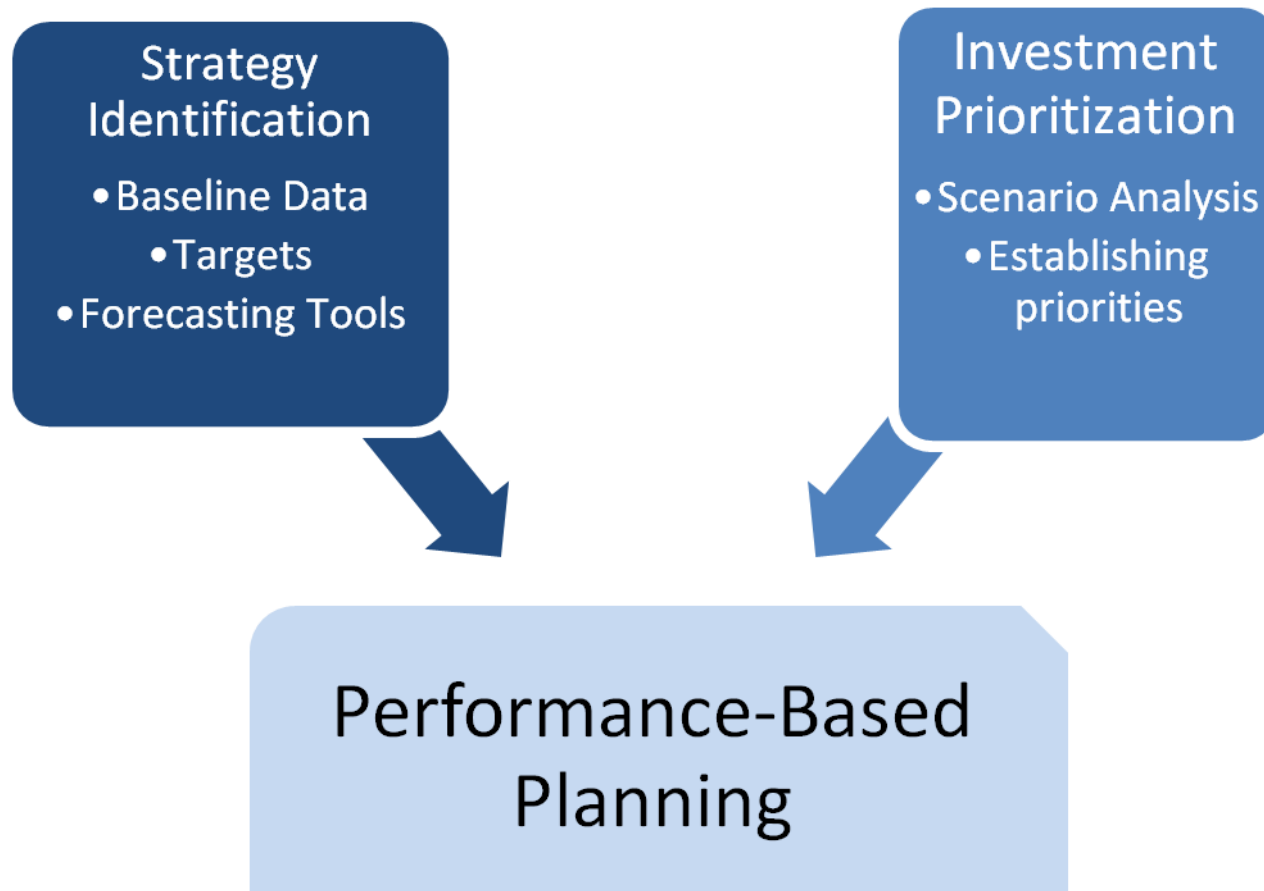
Performance-Based Planning

- Translates strategic direction into actions on the ground

- Process:
  o Identify focus areas based on performance trends
  o Develop strategies to address needs
  o Analyze alternative scenarios

- Leads to programming, where projects are selected

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Performance-Based Planning: Subcomponents

- 3.1 Strategy Identification
- 3.2 Investment Prioritization

Strategy Identification
- Baseline Data
- Targets
- Forecasting Tools

Investment Prioritization
- Scenario Analysis
- Establishing priorities

Performance-Based Planning

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Performance-Based Planning:

PBPP and TPM

Strategic Direction *(Where do we want to go?)*	• Goals and Objectives • Performance Measures
Long-Range Planning (Analysis) *(How are we going to get there?)*	• Identify Targets and Trends • Identify Strategies • Develop Strategy/Investment Priorities
Programming *(What will it take?)*	• Investment Plan • Resource Allocation • Program of Projects
Implementation and Evaluation *(How did we do?)*	• Reporting and Monitoring • Evaluation

Performance-Based Planning:

Performance Management Requirements

Coordination: Based on the *cooperative development* of plans, programs and schedules

Documentation Required:

- By State DOT, MPOs and public transportation providers

- Through specific *written provisions that address development and sharing of*
  - o Performance data collection
  - o Selection of performance targets
  - o Performance target reporting

Breakouts: Performance Based Planning

Breakout Exercise

- Discuss **Performance Based Planning** maturity level
  - Questions in handout (Exercise A)
  - Use Capability Maturity Model table (Exercise A)

- Select facilitator, note taker, and presenter

- Mixed groups

- Report out: share highlights of discussion

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Report Out

- Share highlights of discussion

- 4 min per group