TriMet SMS and Implementation Plan Status

September 27, 2017

TriMet
Safety Management System (SMS)
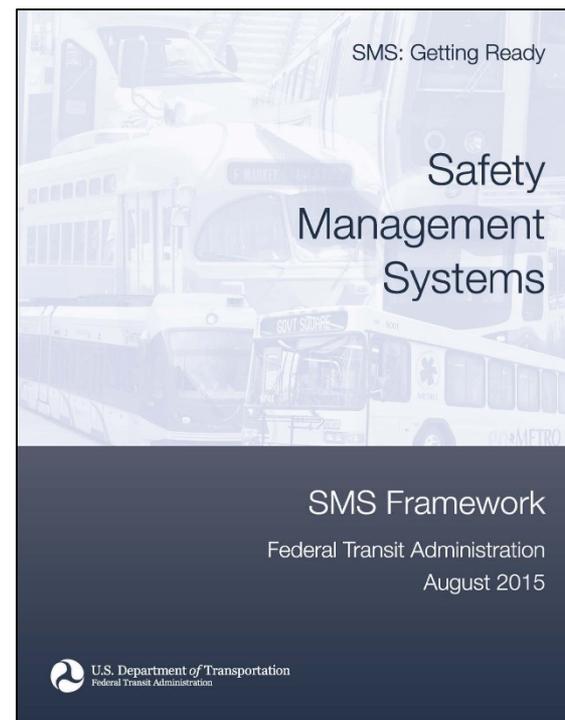and Implementation Plan

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August 2017
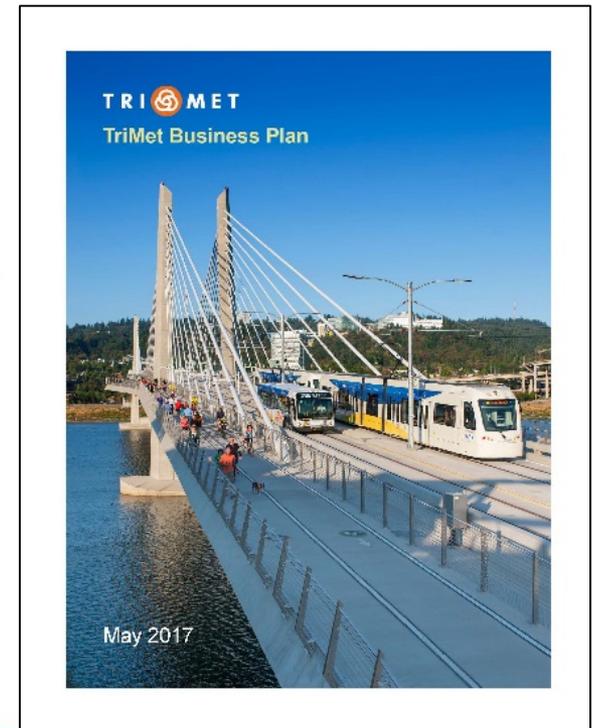
August 2017

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Agenda

- **Business Plan and SMS**
- **SMS Overview**
- **Why SMS?**
- **SMS Goals and Purpose**
- **SMS Implementation Progress**

SMS: Getting Ready

Safety Management Systems

SMS Framework

Federal Transit Administration
August 2015

U.S. Department *of* Transportation
Federal Transit Administration

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TriMet Business Plan and SMS

- **The TriMet SMS is consistent and integrated with the TriMet Business Plan**
- **Planning to rollout the SMS along with the Business Plan**

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TriMet Business Plan

May 2017

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Business Plan and SMS Rollout

- **SMS supports the TriMet Business Plan**

  - 5 Objectives have a significant role for SMS

  - 18 Objectives have a clear support role for SMS

**TriMet Safety Management System (SMS) Implementation
Cross-Walk of Support for the TriMet Business Plan
September 1, 2017**

Significant or Leadership Role in Business Plan Objective
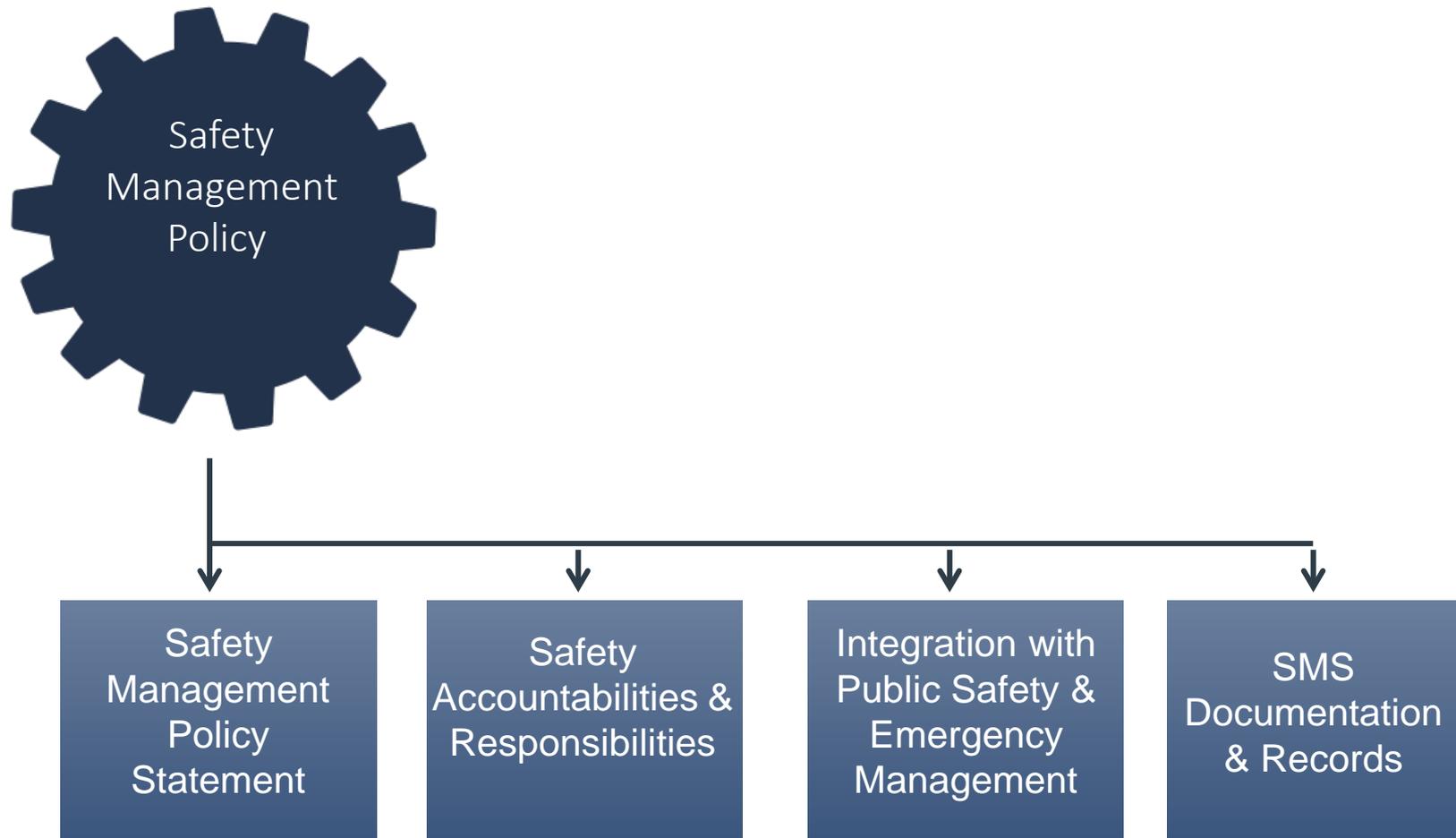Note: KSA – Key Strategic Actions from Business Plan

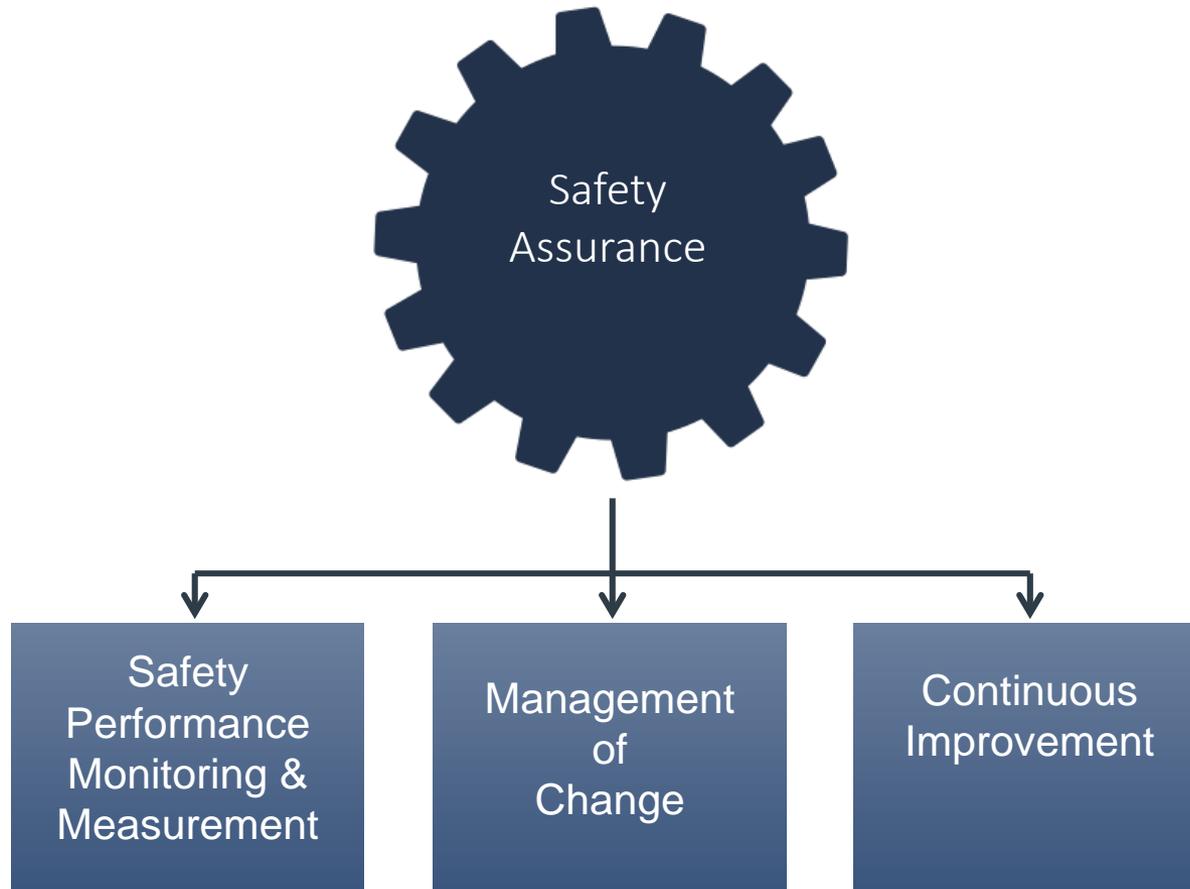| Business Plan	SMS and Implementation Plan
Financial Goal 2: Management Assets to Ensure Safety and Optimize Value, Performance, and Resiliency	
Objective 2. Meet or exceed state of good repair (SGR) targets for all identified asset classes • **KSA 4**. Complete federally-required TAM Plan. Complete inventory and condition assessment of existing assets and develop targets for all asset categories. • **KSA 5**. Develop plan to repair, replace or otherwise remedy any asset classes not fully at target.	Specific SMS Implementation Activities: • Minimum Standards for Safety • Safety Assurance Management Plan • Strategic Internal Safety Audit Implementation Plan • Safety Performance Measures and Targets Implementation • Safety Promotion Communication Plan • Internal Safety Communication Activities • Safety Performance Dashboards
People & Innovation Goal 1: Ensure a Culture of Safety	
Objective 5. Successfully implement and achieve strong acceptance of SMS • **KSA 9**. Develop SMS training and implementation plan. Examples include: Ensure 100% of all new employees and 90% of existing employees trained on SMS after first year, then ongoing annual training updates for all employees; Continue Risk Analyses, including Operational and Job Hazard Analyses, to identify significant safety risks and implement mitigation measures; and Strengthen safety training for bus and rail transportation, field operations, and maintenance staff. • **KSA 10**. Continue to develop and distribute safety dashboards and targeted updates for the promotion of safety with staff at all levels. • **KSA 11**. Build upon safety audit plan to ensure safety risk mitigation measures are implemented and effective. Identify areas for continued improvement and develop and implement plans in operations safety. • **KSA 12**. Deliver additional security technology, infrastructure, and practices. Involve continuous improvement teams that include front-line staff in the development of safety and security risk mitigation strategies.	Specific SMS Implementation Activities: • Awareness Training for SMS • Safety Culture Assessment • Safety Risk Management Manual and Plan • Develop and Implement Enhanced Hazard Identification • Operational and Job Hazard Analysis • Safety Assurance Management Plan • Confidential Close Call Reporting System • Strategic Internal Safety Audit Implementation Plan • Safety Performance Measures and Targets Implementation • SMS Continuous Improvement Plan • Safety Promotion Communication Plan • Internal Safety Communication Activities • Safety Performance Dashboards
Internal Business Practices Goal 1: Deliver Safe, Efficient, and Equitable Service	
Objective 13. Increase personal safety • **KSA 22**. Implement SMS plan, including but not limited to: Enhancing SMS internal dashboards for each level of organization	The entire SMS includes a focus on assuring and improving TriMet's safety performance for personal safety for passengers, employees, and

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SMS Overview

Safety Management Policy

Safety Management Policy

- Safety Management Policy Statement
- Safety Accountabilities & Responsibilities
- Integration with Public Safety & Emergency Management
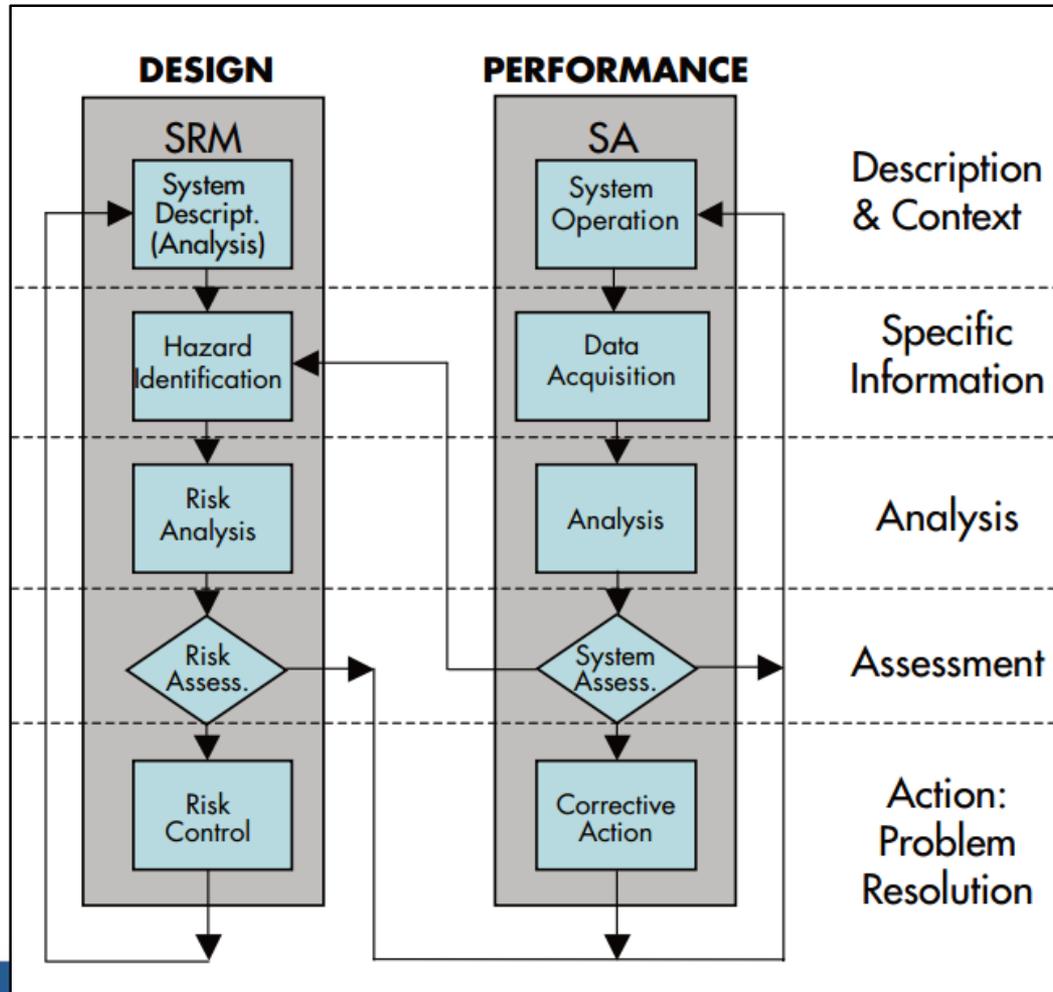- SMS Documentation & Records
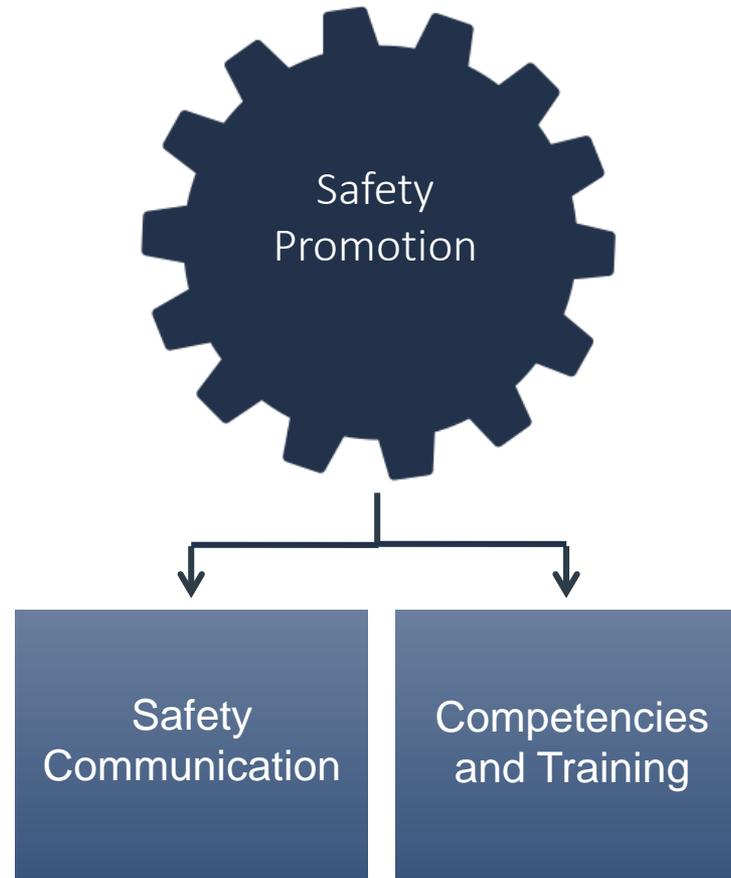
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Safety Risk Management (SRM)

Safety Assurance

SRM and Safety Assurance

Safety Promotion

TriMet's SMS Advances All Safety Program Processes

- Increases the focus on hazard identification

- Broadens the scope of safety data collection

- Emphasizes importance of managing safety risk for all operations

- Integrates data from organizational processes into safety data analysis

- Promotes participation and contribution from all personnel in the management of safety

- Fosters a safety culture that encourages proactive safety reporting and management

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SMS Goal and Purpose

- **Provide the transit agency a management system to attain an optimum level of safety balancing safety, service, and timely allocation of resources through the effective management of safety risks**

- **Provides a common framework to assess safety risks associated with changes to the TriMet operations risk environment**

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SMS Implementation – In Process

- **Phase 1 – Planning for and Rolling Out the TriMet SMS and Implementation Plan**

- **Phase 2 – Developing and Implementing High-Level SMS Strategic Plans**

- **Phase 3 – Rolling out SMS Tools**

- **Phase 4 – Maturing the SMS Processes**

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SMS Implementation – In Process

- **SMS Implementation Activities have been defined for each of the four components**
  - 27 SMS Implementation Activities
  - Including 9 strategic planning activities, all in process
- **Handout – SMS Implementation Plan/Table**

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If you do what you've always done, you'll get what you always got!"

W. Edwards Deming

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