

# FTA

FEDERAL TRANSIT ADMINISTRATION

## TRB 97<sup>th</sup> Annual Meeting

### FTA's Safety Management System (SMS)

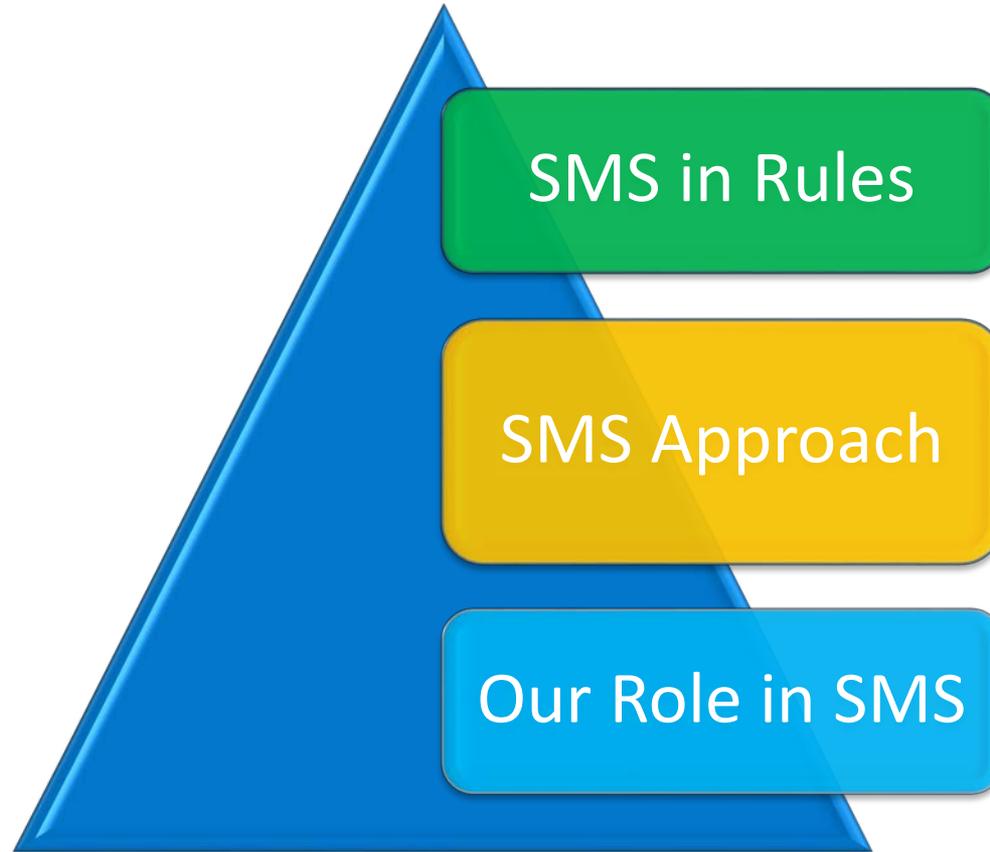
**Aloha Ley**  
**Office of Transit Safety and Oversight**  
**Federal Transit Administration**

**January 8, 2018**

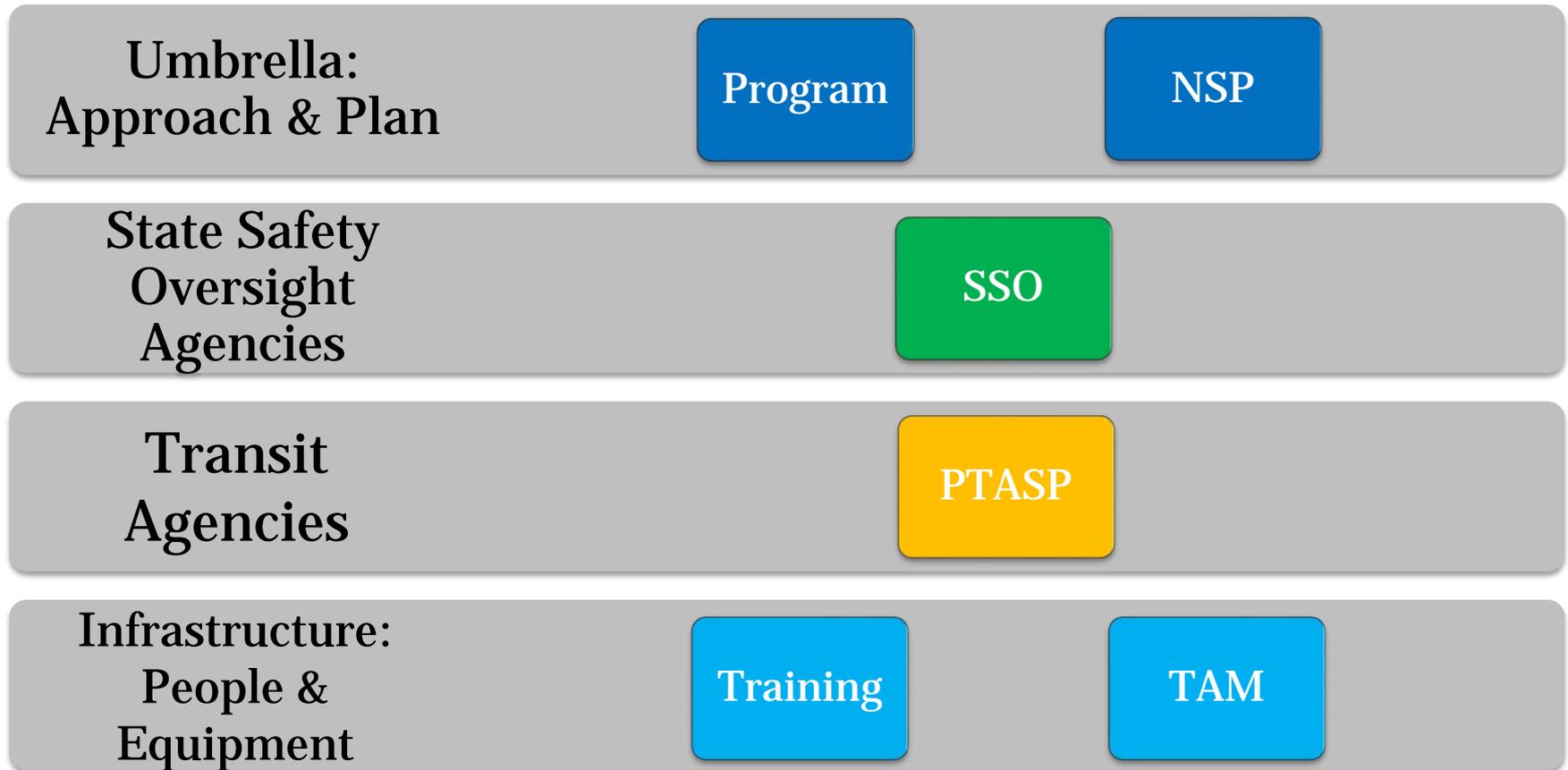


U.S. Department of Transportation  
Federal Transit Administration

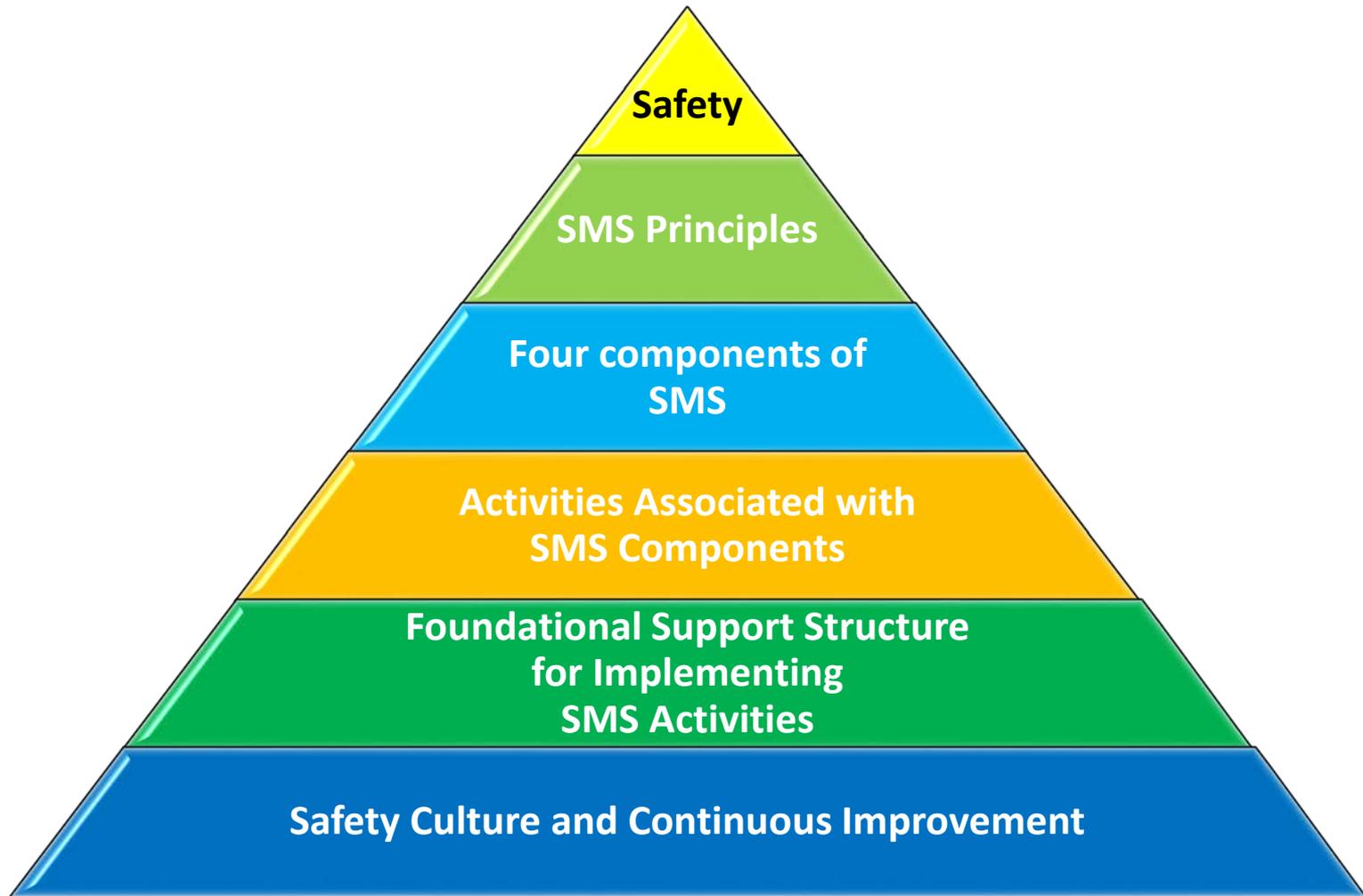
# Agenda



# SMS in Rulemaking



# Approach to SMS



# Safety in Context

<b>From a Traditional Compliance Approach</b>		<b>to a Principled Safety Management Systems Approach</b>
Compliance-based		SMS Principles-based
Following Rules and Procedures		Identifying Risk and Exposures
Punitive, Blame-oriented		Collaborative, trust-oriented
Reactive – after accidents, identify causal factors and non-compliant individuals		Proactive – prior to accidents, identify and mitigate system risks; continuous learning

# Safety Management System



## Safety Policy: Leadership Commitment

Prioritize  
Safety

Take  
Responsibility

Encourage  
Collaboration

Document  
Processes

## Safety Promotion: Communicate Commitment

Raise  
Awareness

Train  
Employees

SMS  
Implementation

Communication  
Plan

## Safety Risk Management: Identify, Assess and Prioritize

Identify  
Hazards

Assess Risks

Prioritize

Decision  
Makers

## Safety Assurance: Mitigate, Measure and Monitor

Mitigate

Measure

Monitor

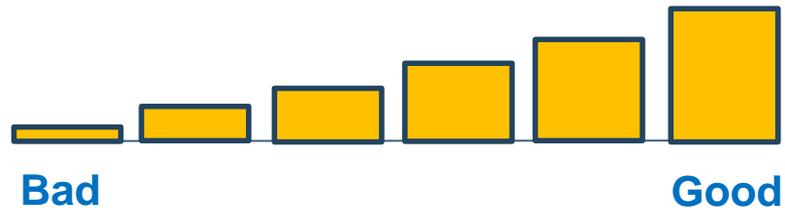
Feedback  
Loop

# Foundational Infrastructure Support

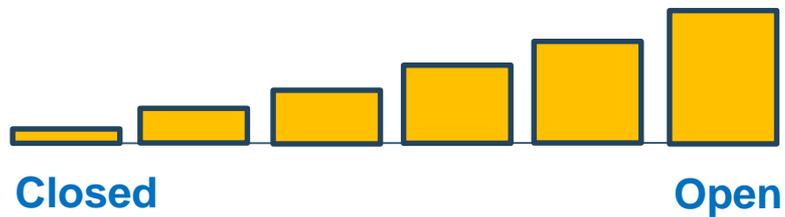


# Where is your safety culture?

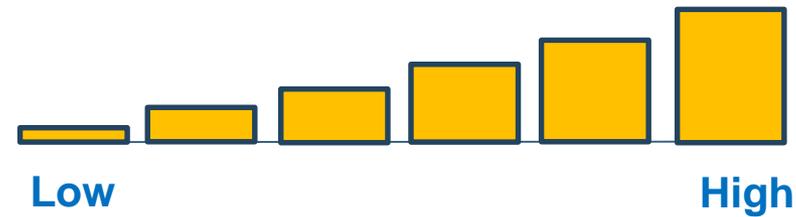
Safety Culture



Communication

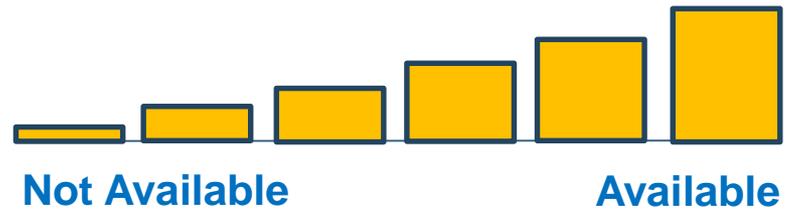


Trust

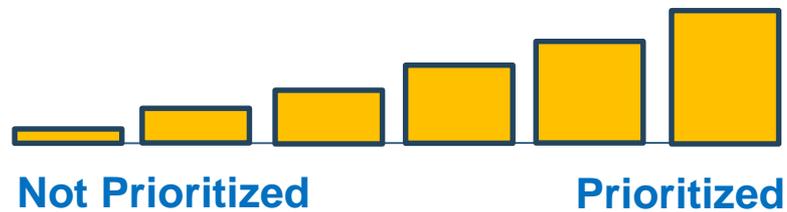


# Where is your safety culture?

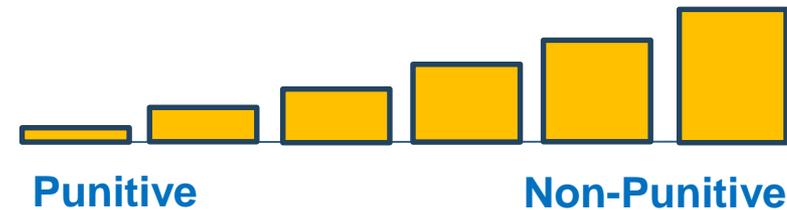
Safety Training



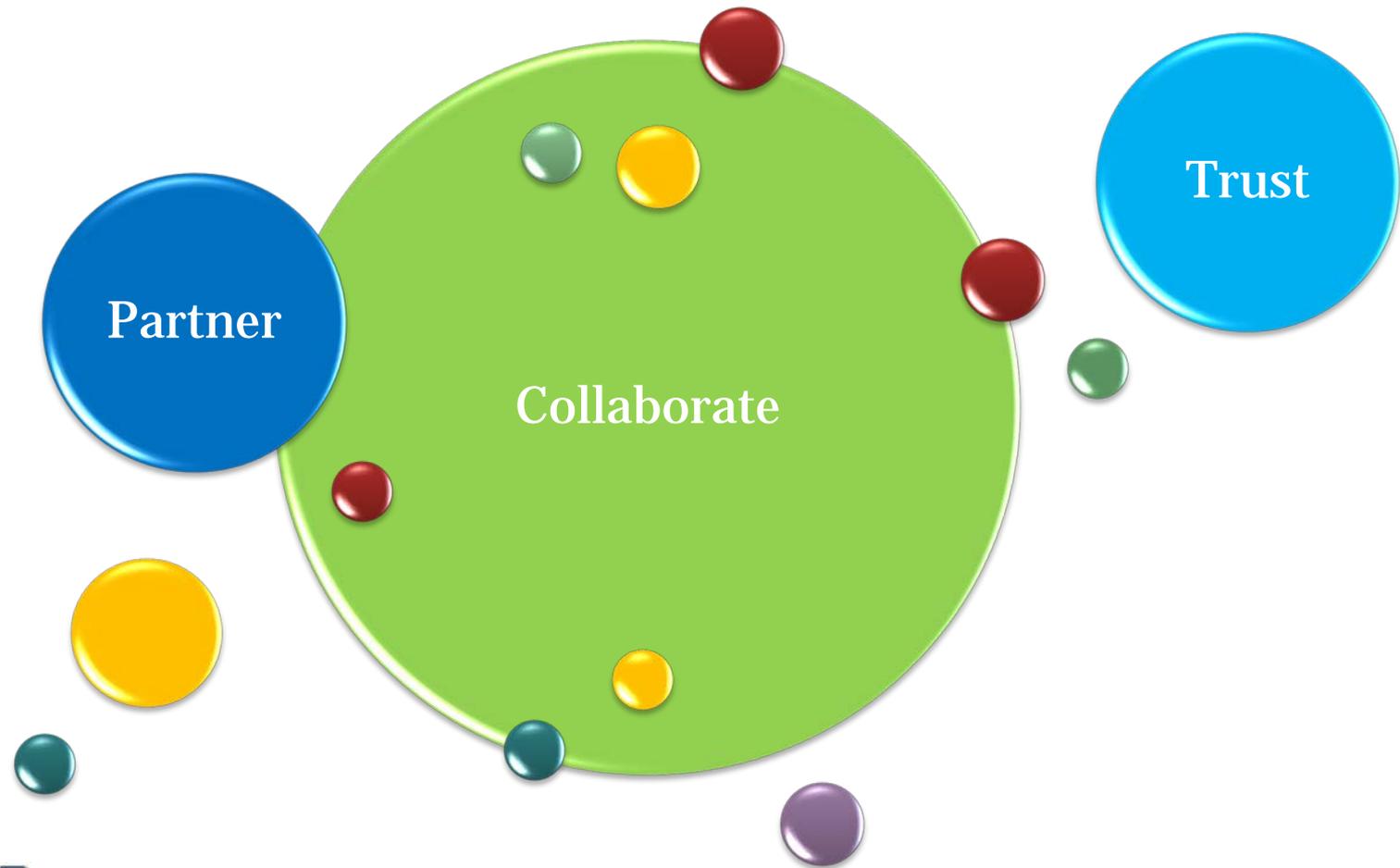
Safety Commitment



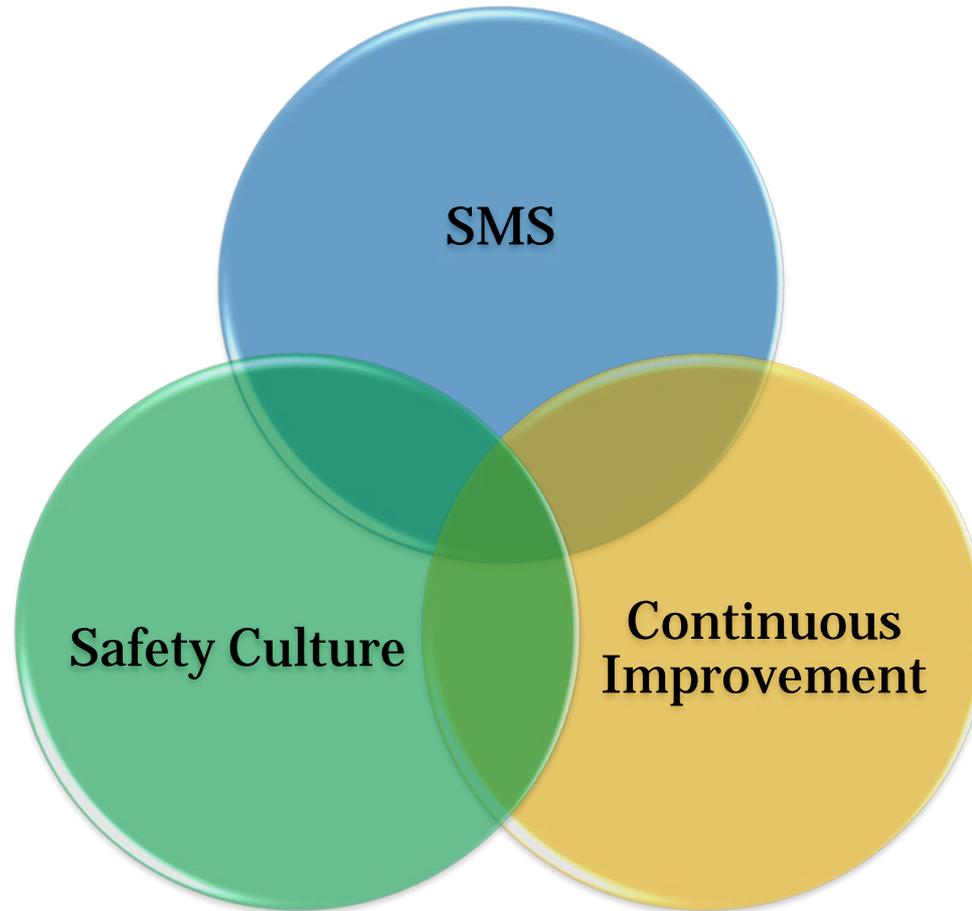
Reporting System



# An Exercise in the Principles of Safety Culture



# SMS, Safety Culture and Continuous Improvement



# Our Role in SMS



# Questions?

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