Status Report on Vehicle Miles Traveled Threshold Update and Project Level Assessment

Regional Plan Implementation Committee

July 22, 2020

Presentation Outline

VMT Threshold

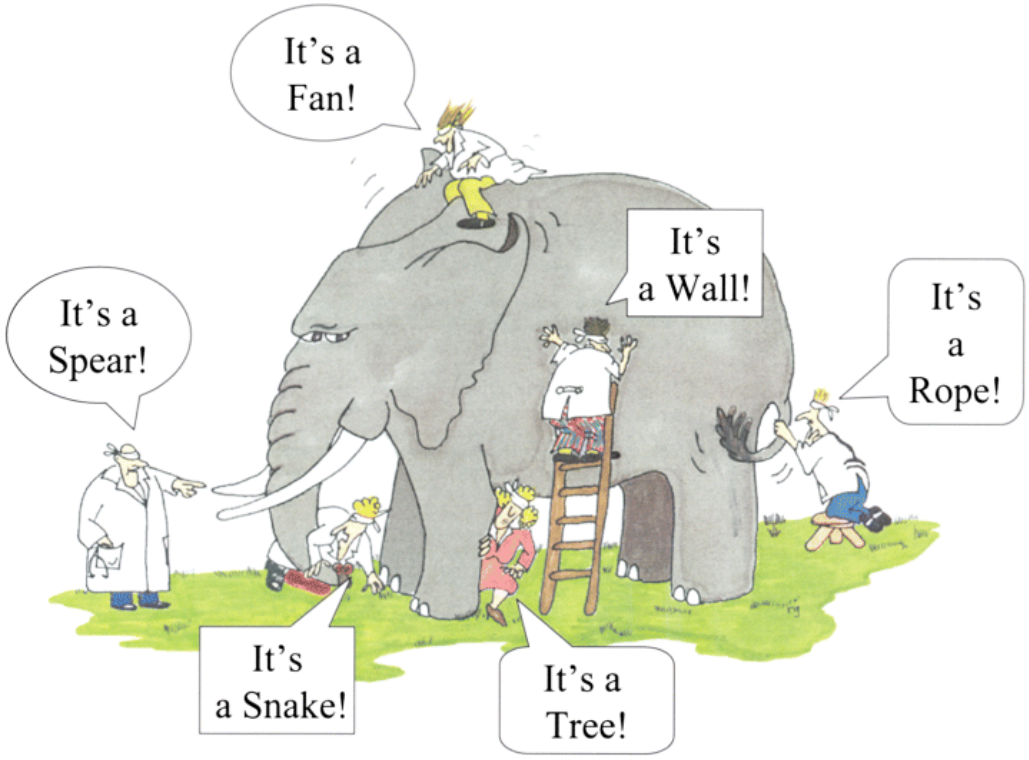
- Background
- Policies and Requirements
- Parameters
- Process and Schedule

Project Level Assessment

- Regional/Local Coordination
- Policies and Requirements
- Mobility Approach
- Process and Schedule

Scope of Updates

VMT Threshold and Project Level Assessment Updates Part of System



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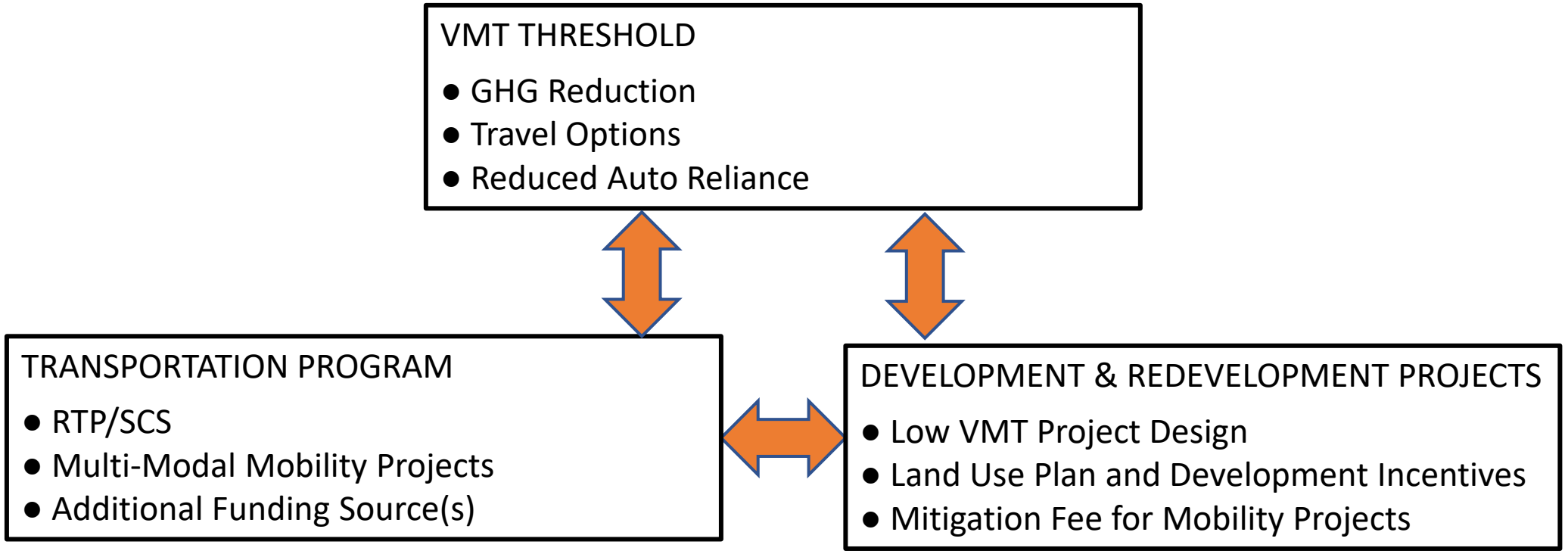
Scope of Updates

VMT Threshold and Project Level Assessment Updates Part of System



VMT Threshold Background

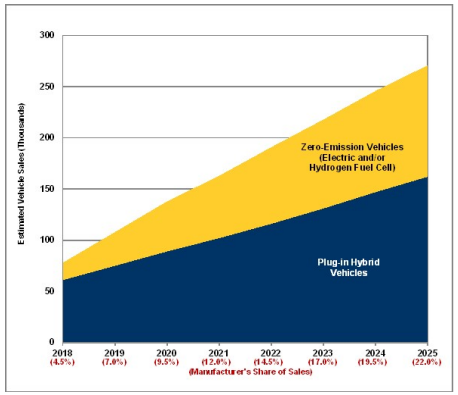
Previous Direction from RPIC

- GHG Emissions
- Mobility
- Development Pattern and Auto Reliance
- Regional and Project Level
- Coordination with Local Governments

VMT Threshold Policies and Requirements

Greenhouse Gas (GHG) Reduction

- US Climate Alliance and State Strategies/Plans
- California and Nevada Low and Zero Emission Vehicle Standards
- GHG Reduction Targets for MPOs
  - Per capita percentage reduction relative to 2005
  - Passenger vehicles



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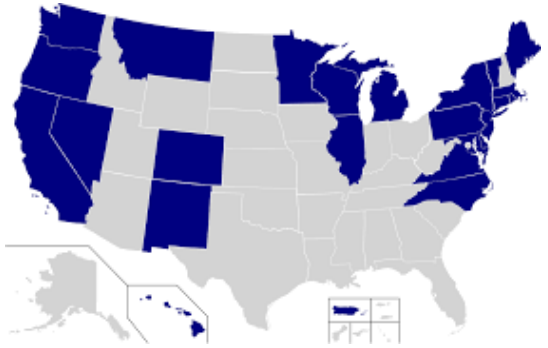

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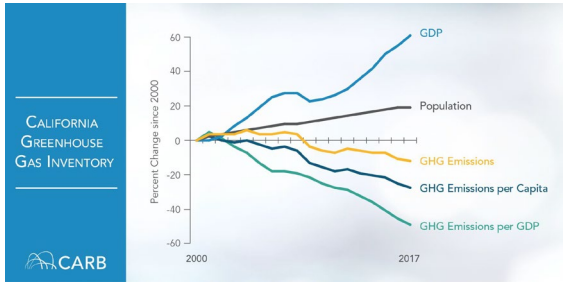

California Air Resources Board

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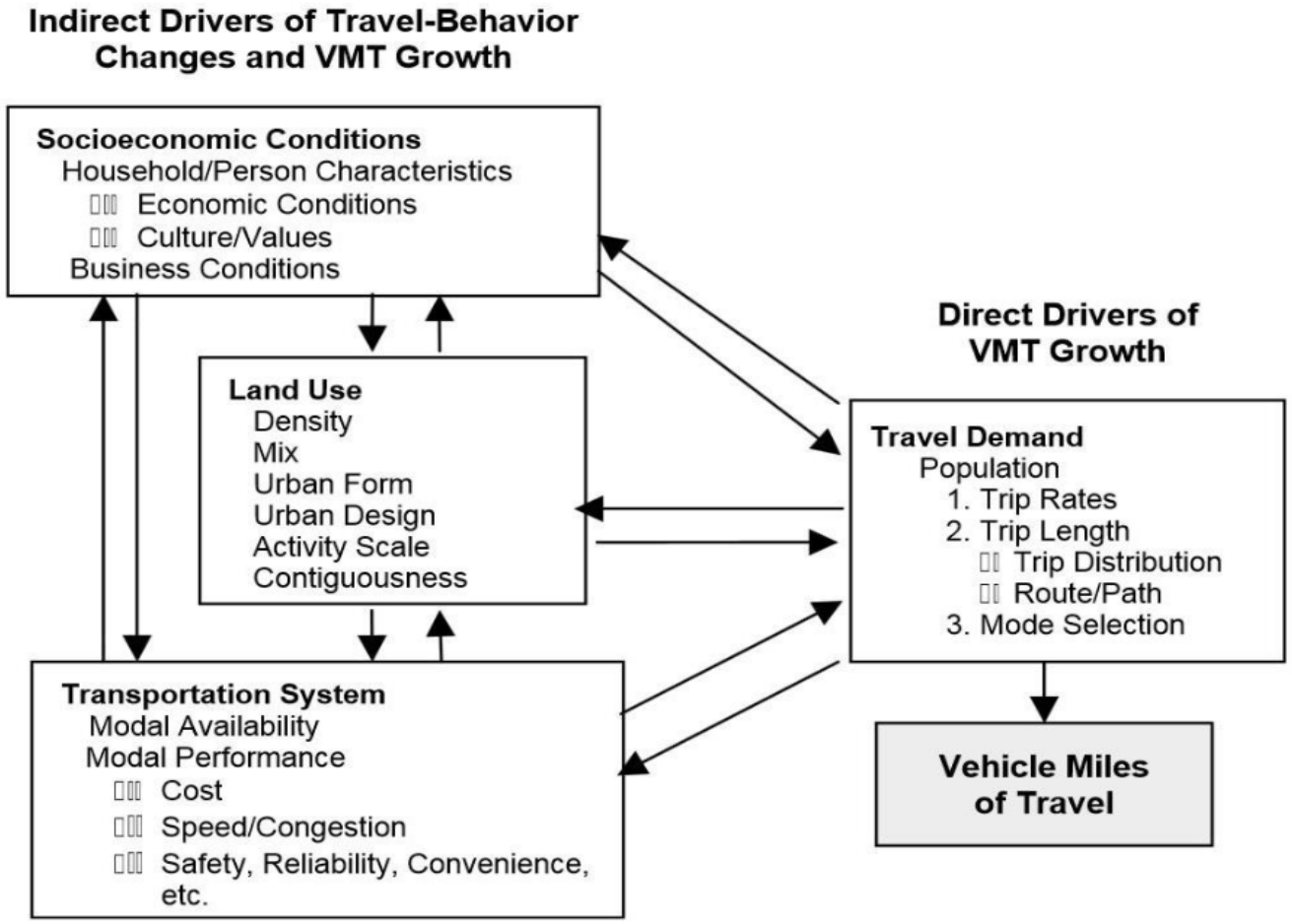
VMT Threshold Policies and Requirements

SCS Land Use and Transportation VMT Reduction Guidance



Transportation Research Board

- Land Use Strategies
  - Development pattern
  - Mixed uses
  - Density
  - Urban design
- Transportation Strategies
  - Availability of modes
  - Performance of modes

TRPA Regional Plan Implementation Committee
Agenda Item No. 3 - Discussion and Direction on Status Report on Vehicle Miles Traveled Threshold Update and Project Level Analysis Assessment Approach

VMT Threshold Policies and Requirements

Bi-State Compact Reduction and VMT Reduction

- Article 5 (c) (2) (A)

  "The goal of transportation planning shall be: (A) **To reduce dependency on the automobile by making more effective use of existing transportation modes** and of public transit to move people and goods within the region"

VMT Threshold Parameters

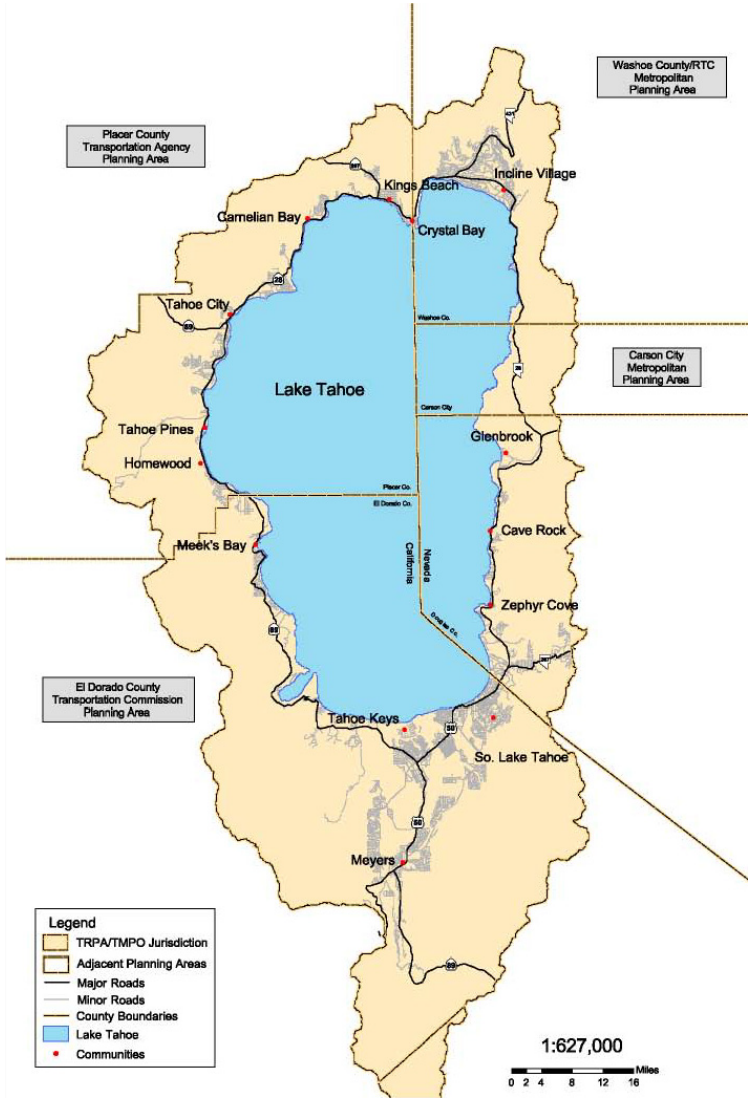
Parameters

- Per Capita (Resident + Visitor) Reduction Goal
- Target Date for Achieving Goal
- Align with State VMT Guidance
- Use to Reduce GHG Emissions and Increase Use of Alternative Modes, Not to Limit Regional Plan Level of Development and/or Redevelopment

VMT Threshold Process and Schedule

Task Description (Committee/Board)	August	September	October	November	December
1.) Review and recommendation of the baseline level of VMT for the threshold standard update, 2.) review of the CARB passenger vehicle per capita GHG reduction target for the Tahoe MPO and potential emissions based on implementing low and zero emission vehicle standards, and 3.) review of the OPR SB 743 new development VMT reduction guidance and potential level of VMT reduction from remaining development potential in Tahoe Region. (TTAC)					
1.) Review and recommendation of resident and visitor population, 2.) review and recommendation of percentage VMT reduction per capita, and 3.) review and recommendation of target year for Tahoe Region following review of per capita reduction goals. (TTAC)					
Determination of final VMT/capita threshold update package including recommendations for implementation of the updated threshold standard through the Regional Plan, RTP/SCS, Code, project level assessment, fees, other funding sources, monitoring and threshold evaluations, and related actions. (TTAC)					
Threshold update package with TTAC input for recommendation. (APC)					
Threshold update package with TTAC and APC input for recommendation. (RPIC)					
Threshold update package and TTAC, APC, and RPIC input for approval. (GB)					

Project Level Regional/Local Coordination



Consistent Assessment and Mitigation

- TRPA Region 5 Counties & 1 City
  - Article VII, Chapter 65 trip generation-based analysis and mitigation
- California 2 Counties & 1 City
  - SB 743 CEQA change from trip generation-based to VMT-based analysis and mitigation
- Alignment of Analyses and Mitigation

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Project Level Policies and Requirements

- TRPA
  - Localized impact to be mitigated by development/redevelopment project
  - Proportional fee to fund RTP/SCS project(s)
- OPR
  - SB 743 requirements
- Conversion of Trip-Based to VMT-Based Analysis and Mitigations

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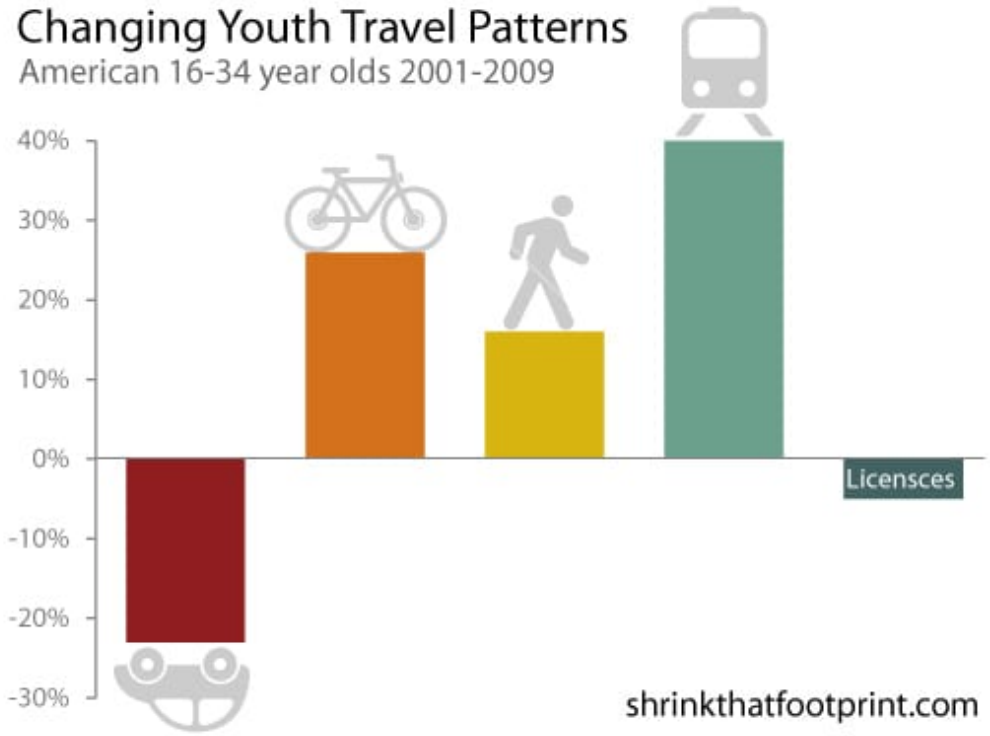
Project Level Mobility Approach



- Limited Roadway capacity
  - Bi-State Compact
  - Limited In-Basin highway system
- Multi-Modal Mitigation Projects
  - RTP/SCS projects list
  - Consider Multi-Modal level of service
- Mobility Mitigation Fee
  - Partial funding source for RTP/SCS implementation
  - Complement additional funding sources

Project Level Process and Schedule

Task Description (Committee/Board)	August	September	October	November	December
Introduce work plan elements, review existing and best practices research, and next steps for feedback (TTAC)					
Introduce work plan elements, review existing and best practices research, and next steps for feedback (RPIC)					
Draft proposals for implementation tools from nexus study, proposed updates to code/procedures/etc., and next steps for feedback (TTAC)					
Final project impact assessment, mitigation fee, and Code and procedural updates for recommendation (APC)					
Final project impact assessment, mitigation fee, Code and procedural updates, and APC input for recommendation (RPIC)					
Final project impact assessment, mitigation fee, Code and procedural updates, and APC and RPIC input for approval (GB)					

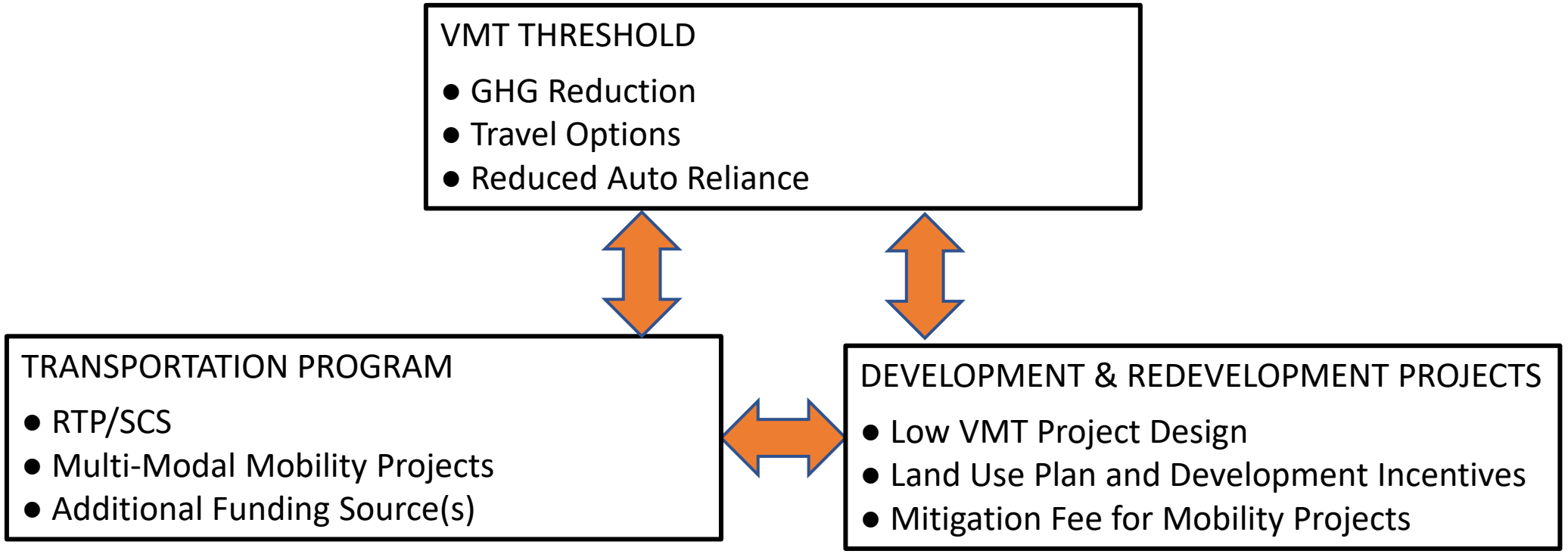
Process and Schedule

Transportation Technical Advisory Committee

- Local jurisdictions
- Tahoe Transportation District
- TRPA GB Chair and Vice Chair
- NDOT
- Caltrans
- California Attorney General's Office
- League to Save Lake Tahoe
- Development Community
- Convention and visitor authorities/bureaus
- Chambers of commerce
- Public technical users

Process and Schedule

VMT Threshold and Project Level Assessment Updates Part of System



RPIC Questions and Discussion

Public Comments

Additional RPIC Discussion and Direction

VMT Threshold Update Parameters

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