Smart Mobility 2010: A Call to Action for the New Decade

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Why Smart Mobility

- Respond to the transportation needs of the state’s people and businesses
- Address climate change
- Advance social equity and environmental justice
- Support economic and community development
- Reduce per capita VMT
Caltrans’ Objectives for Smart Mobility

- Increase Transportation Choices
- Enhance Community Quality
- Reduce Environmental Impacts
- Support System Preservation
- Increase System Efficiency
Smart Mobility moves *people and freight* while *enhancing* California’s *economic, environmental* and *human resources* by *emphasizing*:

- convenient and safe multi-modal travel,
- speed suitability,
- accessibility,
- management of the circulation network, and
- efficient use of land.
“Location efficiency” describes the fit between the physical environment and the transportation system.

Location efficiency is key to integrating transportation and land use.
Location Efficiency:

- **Regional Accessibility**: Characteristics of development use, form, and location that combine with the multimodal transportation system to make destinations available through non-SOV travel and efficient vehicle trips at the regional, interstate, and international scales, and

- **Community Design**: Characteristics of development use, form, and location that combine with the multimodal transportation system to support convenience, non-motorized travel, and efficient vehicle trips at the neighborhood and area scale.
# Smart Mobility Performance Measures (Part 1)

<table>
<thead>
<tr>
<th>Principle</th>
<th>Performance Measure</th>
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<tbody>
<tr>
<td>Location Efficiency</td>
<td>1. Support for Sustainable Growth</td>
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<td></td>
<td>2. Transit Mode Share</td>
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<td></td>
<td>3. Accessibility and Connectivity</td>
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<td>Reliable Mobility</td>
<td>4. Multi-Modal Travel Mobility</td>
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<td>5. Multi-Modal Travel Reliability</td>
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<td>6. Multi-Modal Service Quality</td>
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<td>Health and Safety</td>
<td>7. Multi-Modal Safety</td>
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<td>8. Design and Speed Suitability</td>
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<td>9. Pedestrian &amp; Bicycle Mode Share</td>
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## Smart Mobility Performance Measures (Part 2)

<table>
<thead>
<tr>
<th>Principle</th>
<th>Performance Measure</th>
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<tbody>
<tr>
<td>Environmental Stewardship</td>
<td>10. Climate and Energy Conservation</td>
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<td>11. Emissions Reduction</td>
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<tr>
<td>Social Equity</td>
<td>12. Equitable Distribution of Impacts</td>
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<td>13. Equitable Distribution of Benefits</td>
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<tr>
<td>Robust Economy</td>
<td>14. Congestion effects on Productivity</td>
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<td>15. Efficient Use of System Resources</td>
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<td>16. Network Performance</td>
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<td>17. Return on Investment</td>
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Smart Mobility Concepts

1. Multi-Modal Focus
2. Speed Suitability
3. Activity Connectedness
4. Network Management
5. Land Use Efficiency
Implementation Actions: 10 Themes

1. SMF Impact
2. Interregional Blueprint
3. Caltrans Policy & Practice
4. Other Departments’ Activities
5. Data & Tools
6. Planning & Programming
7. Design Standards & Procedures
8. Major Cross-Functional Initiatives
9. Local Government Planning
10. Local Government Implementation
California Interregional Blueprint Highlights

- Requires interim report by December 31, 2012, based on SB 375 sustainable communities strategy (SCS) targets.

- SB 391 requires the State Transportation Plan by December 31, 2015 to identify an integrated, multimodal system needed to achieve the AB 32 targets.

- California Interregional Blueprint process ensures shared compliance in SB 391 based on your SB 375 SCS targets.
California Interregional Blueprint Action Plan

- Phase I – Produce a snapshot of where we are today-- using the best available data – and report to BTH by September 2010

- Phase II -- Build more robust data and modeling tools by 2012 to evaluate the system and test scenarios

- Interim Report due December 31, 2012

- Enhance scope of the existing California Transportation Plan (CTP) for 2040 -- due December 31, 2015
California Interregional Blueprint Outcomes

- Better information on interregional travel
- Better data and tools
- Coordinated approach to planning and modeling
- AB 32, SB 375, and SB 391 compliance
- Make the next California Transportation Plan (CTP) update more relevant
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- Final document is available online:
  http://www.dot.ca.gov/hq/tpp/offices/ocp/smf.html
- Provides implementation checklists for local, regional and state agencies
- Includes illustrations, examples, resources, and graphics