Senate Bill 375 Target Update

California Action Team Public Health Workgroup
July 18, 2017
SB 375 Background

- Reduces GHG emissions through coordinated transportation and land use planning

- MPOs prepare a Sustainable Communities Strategy (SCS) as part of the Regional Transportation Plan (RTP) every 4 years

- CARB has reviewed over 20 SCSs to-date & all have met or exceeded the targets

<table>
<thead>
<tr>
<th>SCS Strategy Areas</th>
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<tbody>
<tr>
<td>Land Use</td>
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<tr>
<td>Transportation</td>
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<td>Transportation Demand Management</td>
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<td>Transportation System Management</td>
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<td>Pricing</td>
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<td>Vehicle Technology &amp; Enhanced Mobility</td>
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Regional GHG Reduction Targets

- CARB set GHG reduction targets in 2010 for the years 2020 and 2035

- Targets are set at a percent reduction of passenger vehicle GHG emissions per person from 2005 levels

- CARB must update targets every 8 years
Target Update Considerations & Process

- Changes and progress to date
- Stakeholder consultative process
  - Public comment and feedback
- Top-Down Analysis
  - Senate Bill 32
  - Scoping Plan Update and Executive Orders
  - Mobile Source Strategy / State Implementation Plan
- Bottom-Up Analysis
  - MPO technical analysis and recommendations
Scoping Plan Needs & SB 375 Targets

GHG Reduction Relative to 2005

Scoping Plan Need

Scoping Plan Baseline

2010 Targets 13.4%
Adopted SCS Performance 17.7%
MPO Target Recommendation 17.6%
Staff Proposed Target 19.9%
Co-Benefits of Sustainable Development

- Economic opportunities
- Lower household costs & transportation costs
- Lower building energy use
- Accessibility
- Public health
- Mobility & housing choices
- Social equity
- Natural resource conservation
Public Health Co-Benefits

- Initial review of methodologies for Scoping Plan public health co-benefits indicates strong contribution from strategies that increase active transportation

- ARB staff working with California Department of Public Health to quantify health benefits.
  - Integrated Transport and Health Impact Model (ITHIM)
CARB Research

- SB 375 indicator project

- Displacement and gentrification

- VMT/GHG impacts of ridesourcing/sharing
  - Strategy guidance for maximizing environmental benefits (e.g. first/last mile connection to transit)

- Multiple studies related to electric vehicle travel and charging behavior

For more information visit: [https://www.arb.ca.gov/research/sustainable/sustainable.htm](https://www.arb.ca.gov/research/sustainable/sustainable.htm)
# Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Task</th>
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<tbody>
<tr>
<td>June</td>
<td>- Public Comment Period Began June 13</td>
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<tr>
<td></td>
<td>- Public Workshops (3 total)</td>
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<tr>
<td>July</td>
<td>- 45-Day Public Comment Period Closes July 28</td>
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<td>August</td>
<td>- Response to Comments for Environmental Assessment</td>
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<td>September</td>
<td>- Convene Roundtable</td>
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<td></td>
<td>- Finalize Staff Report and Target Recommendations</td>
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<td>- Finalize Environmental Assessment</td>
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<td>October</td>
<td>- Release Final Staff Report &amp; Environmental Assessment</td>
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<td></td>
<td>- CARB Board Meeting</td>
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<td>December/January</td>
<td>- Update CARB Technical Methodology</td>
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<td>- Finalize Performance Indicators Research</td>
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[https://www.arb.ca.gov/cc/sb375/sb375.htm](https://www.arb.ca.gov/cc/sb375/sb375.htm)