To help facilitate policy discussions during the development of the draft Regional Transportation Plan/Sustainable Communities Strategy, SCAG will develop one baseline and three additional scenarios to evaluate how each performs in terms of sustainability, mobility and other performance metrics. In response to stakeholder input, scenarios A and B include expanded policy concepts to target health, social equity and reflect advancements in technology.

**Draft Scenario Planning Matrix**

To help facilitate policy discussions during the development of the draft Regional Transportation Plan/Sustainable Communities Strategy, SCAG will develop one baseline and three additional scenarios to evaluate how each performs in terms of sustainability, mobility and other performance metrics. In response to stakeholder input, scenarios A and B include expanded policy concepts to target health, social equity and reflect advancements in technology.

**Policy Drivers/Performance Metrics:**
- Sustainability
- Mobility
- Accessibility
- Public Health
- Economy
- Environmental Justice
- Social Equity
- Climate Resilience & Adaptation

**Policy Inputs**

<table>
<thead>
<tr>
<th>Plan Elements - Data Input Categories</th>
<th>Policy A</th>
<th>Policy B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Farm &amp; Natural Lands Conservation</td>
<td>Scenario 2 + 2012 land use (LU) policy updated. Emphasize multi-family (based on market research). Target 60/40 Multi-Family (MF)/Single-Family (SF) housing type. Focus on rail corridors and key HQTAs.</td>
<td>Scenario 3 + Target 70/30 MF/SF housing type.</td>
</tr>
<tr>
<td>Highway/Roadway Network</td>
<td>Scenario 2 + 25% increase in system preservation</td>
<td>Scenario 3 + Avoid critical sea-level rise, natural hazard areas + Exclude unprotected, high quality habitat areas identified by Combined Habitat Assessment Protocols (CHAP) tool.</td>
</tr>
<tr>
<td>Transit/High-Speed Rail</td>
<td>Scenario 2 + Add additional high quality (HD) transit corridors based on feedback from transit operators + Livable Blvd/Complete Corridors (transit + Active Transportation (AT) + LU Strategy).</td>
<td>Scenario 3 + Strategic plan projects.</td>
</tr>
<tr>
<td>Active Transportation</td>
<td>Scenario 3 + Focus on AT for regional trips. Expanded Regional Corridors. First/last Mile implementation. Livable Blvd/Complete Corridors (transit + AT + LU Strategy).</td>
<td>Scenario 3 + Comprehensive “short trip” strategy, including AT + shared-use, Neighborhood Electric Vehicle (NEV), etc.</td>
</tr>
<tr>
<td>Technology/Innovation</td>
<td>Assume a modest rate/depth of penetration of new transportation innovations; Primarily private investment; Minimal supportive public policy</td>
<td>Assume an aggressive rate/depth of penetration of new transportation innovations, Public &amp; private investment; More supportive public policy.</td>
</tr>
<tr>
<td>Finance Pricing/Incentives</td>
<td>Scenario 2 + Any further modifications reflecting recent economic trends and legislative initiatives.</td>
<td>Unconstrained</td>
</tr>
<tr>
<td>Transportation Demand Management (TDM) &amp; Transportation System Management (TSM)</td>
<td>Scenario 2 + 2012 plan amendment 2 + New CTC input for 2016 plan</td>
<td>2012 plan amendment 2 + Assume additional (aggressive) benefits - e.g. 2-3% reduction HBW trips; 7% speed, capacity increase.</td>
</tr>
</tbody>
</table>

**Policy A**
- Updated 2012 Policies for Active Transportation, public health, Environmental Justice (EJ), technology, millennials. Balance GHG, air, livability benefits with transportation capacity efficiency.
- Emphasize multi-family (based on market research).
- Target 60/40 Multi-Family (MF)/Single-Family (SF) housing type.
- Focus on rail corridors and key HQTAs.
- Scenario 2 + 25% increase in system preservation.
- Add additional high quality (HD) transit corridors based on feedback from transit operators + Livable Blvd/Complete Corridors (transit + Active Transportation (AT) + LU Strategy).
- Assume a modest rate/depth of penetration of new transportation innovations; Primarily private investment; Minimal supportive public policy.
- Scenario 2 + Any further modifications reflecting recent economic trends and legislative initiatives.

**Policy B**
- "Push the envelope.” Comprehensive "short trip" strategy. Maximize GHG, air quality, livability, public health, EJ, affordability benefits. Assume profound technology effects.
- Target 70/30 MF/SF housing type.
- Avoid critical sea-level rise, natural hazard areas + Exclude unprotected, high quality habitat areas identified by Combined Habitat Assessment Protocols (CHAP) tool.
- Strategic plan projects.
- Comprehensive “short trip” strategy, including AT + shared-use, Neighborhood Electric Vehicle (NEV), etc.
- Assume an aggressive rate/depth of penetration of new transportation innovations, Public & private investment; More supportive public policy.
- Unconstrained.