Collaborative Efforts in Sustainability
UC Irvine Environment Institute
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Sustainability Efforts that Matter Now

- GHG emission reduction
- Adaptation and resiliency
- Public health/physical activity
- Vehicle fleet conversion
- Transit and mode share
- Open space conservation
Things to keep an eye on – Southern California

- Housing market recovery
- Energy infrastructure
- Transit expansion and TOD
- Next phase bike planning
Principles for success

- Mutual interest, win-wins
- Matched to ability and resources
- Finding a niche
- Timing
Successful SCAG efforts

• Compass Blueprint
• 2012 Regional Transportation Plan / Sustainable Communities Strategy
• Electric Vehicle Program
Less Successful SCAG efforts

- 2008 Regional Comprehensive Plan
- State of the Region
Some Other Examples

- Emerald Necklace
- CiLAvia
- Measure M Freeway Mitigation Program
Compass Blueprint

Demonstration Projects: Technical assistance to local governments for planning consistent with the 2012 RTP/SCS

- Integrated land use and transportation planning to implement regional plans and local priorities
- Key SCAG tool for RTP/SCS implementation

Planning Services & Tools

- Public Involvement
- Local Climate Action Plans
- Return-on-Investment Analysis
- Economic Development Strategies
- Urban Design Solutions

- Transit Studies
- Code Amendments
- Photo & Video Visualizations
- Multi-modal Transportation Modeling
- Parking Analysis
- Financing Strategies
- Scenario Planning
2012 Regional Transportation Plan – Sustainable Communities Strategy

- Allocate ONLY 13% capital investment to highways
- Focus over 50% growth within 3% land area
- From 7:3 single- vs. multi-family units to 3:7
Key Strategies to Make the RTP/SCS Successful

- Active Transportation
- Enhanced Transit Service
- Innovative Funding
- East/West Freight Corridor
- Concentrate growth in high quality transit areas (HQTA)
- Achieves SB375 greenhouse gas targets
- Invest in clean fuel technology
Outcomes of the RTP/SCS
A More Sustainable Region

- Exceeded requirements
- Reduced GHG and VMT
- Improved health outcomes
- Economic growth and jobs
- Fresh outlook on transportation finance
- Many other co-benefits
  - Energy, water, open space conservation

**State Mandate**
SB 375 GHG Reduction

<table>
<thead>
<tr>
<th>Year</th>
<th>Target</th>
<th>2012 RTP/SCS Results</th>
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<tbody>
<tr>
<td>2020</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td>2035</td>
<td>13%</td>
<td>16%</td>
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focus over 50% growth within 3% land area
2008
REGIONAL
COMPREHENSIVE
PLAN
Southern California Association of Governments
The State of the Region 2005
Measuring Regional Progress
Emerald Necklace
CICLAVIA

- Walking and Biking Event
- Started in October 2010
- Originally 8 miles
- Streets closed to cars
- Over 100,000 participants
- Next event April 21, 2013
Measure M2 Freeway Environmental Mitigation Program
Conclusions

• Bottom-Up or Top-Down
• Partnerships not always equal effort