

# SB 375

## Proposed Approach and Methodologies

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## Presentation Overview

- Southern California SB375 Implementation Goals and Process
- Methodology

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## Implementation Goals

- Achieve GHG Emission Reduction Target Through SCS
- Integrate Regional Planning for Transportation, Land Use, and Housing
- Full and Open Participation

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## Implementation Process

- Sub-regional Process (Framework and Guidelines)
- Targets (Regional and Sub-regional)
- Preliminary Strategies to Meet Targets
- Regional Dialogue
- Finalize Implementation Process by September 2009

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## Sub-Regional Process

- Define Roles
- Analytical Methodologies
- Draft Sub-regional Targets
- Scenario Development Tool
- Participation (Workshops)
- Sub-regional Strategy / SCS
- Single Regional Model Run
- Schedule

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## Methodologies

- Assumptions
- Data
- Technical Tools
- Sub-regional Targets

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## Assumptions

- Base Year – 2008
- Baseline
- Other, e.g., auto operating costs

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## Data

- Census
- Population
- Employment
- Existing Land Use
- Existing Zoning
- General Plans
- Additional Blueprint Projects
- Base Year Transportation Inventories
- Baseline Transportation Inventories

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## Technical Tools

- Existing Models
  - Socioeconomic growth forecasts
  - Trip-based travel demand model
  - 4-D technical tool (intra-zonal travel demand)
  - Emissions model (ARB's EMFAC model)
- New Model Development
  - Land use model
  - Activity-based travel demand model
  - Interactive GIS-based scenario planning tool (intra-zonal travel demand)

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## New Scenario Planning Tool

- Tool for Scenario Planning Workshops
- Visualization and Evaluation of Growth Scenarios
- Approximate VMT and Emission Reductions
- Scalable to Various Geographic Levels
  - Capture GHG benefits at small areas

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# Draft Sub-Regional GHG Targets

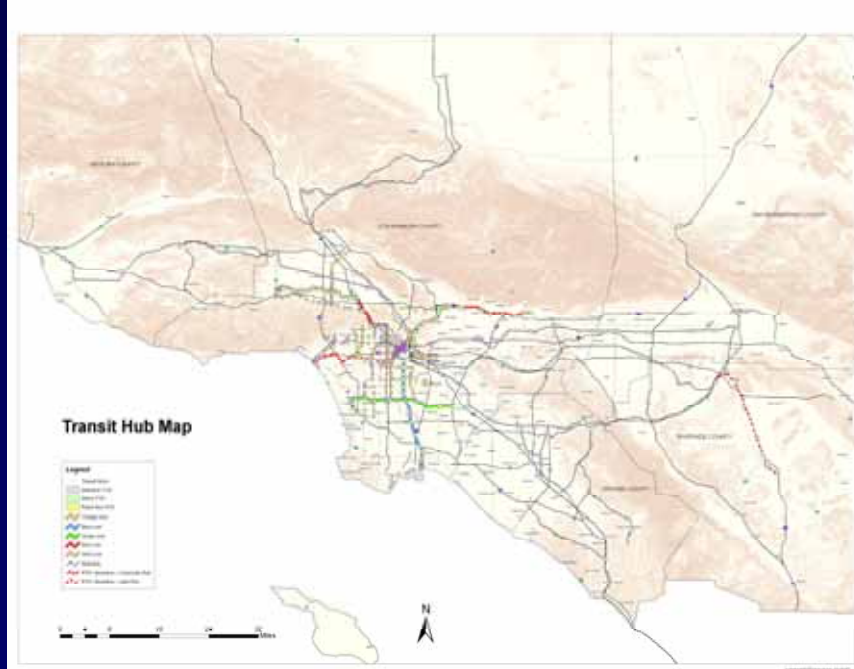
- Develop Draft Sub-regional Targets to Meet Regional Target
- Flexibility Within Sub-region on SCS
- Possible Joint Sub-regional SCS
- SCAG Assistance to Sub-regions Where Necessary
- Finalize Based on Regional Dialogue

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2008 RTP Exercise				
Impacts from Transportation Network Investment and Land Use Scenarios				
2020				
	2008 RTP Baseline"	2008 RTP Baseline	2008 RTP Draft Policy	2008 RTP Draft Envision
Trips	70,173,556	70,219,728	70,174,087	70,137,088
VMT-light & Medium Vehicle	457,073,594	458,519,901	452,040,517	445,654,736
GHG (MMTCO2e)	n.a.	85.72	84.30	83.46
% Change from RTP Baseline-Trips			-0.06%	-0.12%
% Change from RTP Baseline-VMT			-1.41%	-2.81%
GHG Change from RTP Baseline (MMTCO2e)			-1.41	-2.26
2035				
	2008 RTP Baseline"	2008 RTP Baseline	2008 RTP Draft Policy	2008 RTP Draft Envision
Trips	78,578,414	78,569,919	78,477,398	78,443,365
VMT-light & Medium Vehicle	511,974,233	522,078,221	502,388,190	496,761,184
GHG (MMTCO2e)	n.a.	101.76	96.92	95.73
% Change from RTP Baseline-Trips			-0.12%	-0.16%
% Change from RTP Baseline-VMT			-3.77%	-4.85%
GHG Change from RTP Baseline (MMTCO2e)			-4.84	-6.03
Baseline" = Baseline SED & Baseline Network Baseline = Baseline SED, Plan Network Draft Policy = Draft Policy SED & Plan Network Draft Envision = Draft Envision & Plan Network				

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## Existing Transit Lines, Stations and Hubs



## Outreach Strategies

- **Blueprint Champion Cities**
  - Some cities well positioned to achieve meaningful GHG reductions consistent with local priorities
- **Outreach Team(s)**
  - Staff and consultant(s)
  - SCAG Regional Council members
  - Champion cities representatives
  - Sub-regional representatives
  - CTCs representatives
  - Building industry representatives
  - Ports representatives
- **Workshops**
- **Group Meetings**
- **Cities & Sub-regions**
- **Summit**

## Regional Targets Advisory Committee (RTAC)

- Membership
  - MPOs
  - Air Districts
  - League of Ca. Cities
  - CSAC
  - CTCs
  - Public
- Activities
  - Factors and methodologies
  - Report to ARB
  - First Meeting 2/3/09

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## RTAC Members

- **Andrew Chesley**, Executive Director, San Joaquin Council of Governments
- **Stuart Cohen**, Executive Director, TransForm
- **Greg Devereaux**, City Manager, City of Ontario
- **Roger Dickinson**, Supervisor, County of Sacramento
- **Stephen Doyle**, President, Brookfield San Diego Builders, Inc.
- **Amanda Eaken**, Policy Analyst, Natural Resources Defense Council
- **Gary Gallegos**, Executive Director, San Diego Association of Governments
- **Steve Heminger**, Executive Director, Bay Area Metropolitan Transportation Commission
- **Richard Katz**, Board Member, Los Angeles County Metropolitan Transportation Authority
- **Mike McKeever**, Executive Director, Sacramento Area Council of Governments
- **Arthur Leahy**, Chief Executive Officer, Orange County Transportation Authority
- **Shari Libicki**, Principal, Environ Environmental Consultants
- **Pete Parkinson**, Vice President of Policy and Legislation, American Planning Association
- **Linda Parks**, Supervisor, County of Ventura and SCAG Regional Council Member
- **Manuel Pastor Jr.**, Professor of Geography and American Studies and Ethnicity, USC
- **Mike Rawson**, Co-Director, Public Interest Law Project
- **Barry Wallerstein**, Executive Officer, South Coast Air Quality Management District
- **Jerry Walters**, Principal, Fehr & Peers Transportation Consultants
- **Carol Whiteside**, Founder and President Emeritus, Great Valley Center
- **Michael Woo**, Los Angeles City Planning Commissioner
- **Jim Wunderman**, President and Chief Executive Officer, Bay Area Council

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## Next Steps

- Further Input on Proposed Approaches and Methodologies
  - P&P TAC
  - Policy Committees
  - Other Regional Stakeholders

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*Thank You*

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