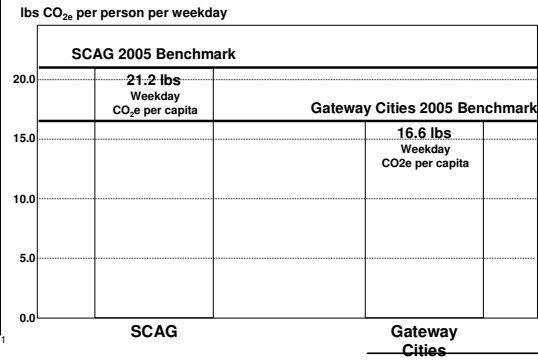


**Gateway Cities Draft SCS
Aggregate SCS Analysis Results**



**Benchmarks for SCAG & Gateway Cities
GHG (CO₂e) per Capita 2005**



**Methodology
How Results are Quantified**

Transportation Strategies

- 340 strategies: 50 incomplete, insufficient or not relevant

TDM Strategies:

- Compressed work week schedules for city employees (12 cities)
- Ridesharing programs for city employees (6 cities)
- Trip Reduction Ordinances for new development (8 cities)
- Interactive effects with land use and transit included

Methodology
How Results are Quantified

Land Use:

- Ten cities chose to modify their land use from SCAG default
- Remaining cities used their adopted general plans
- Interactions between land use and proximity to transit node

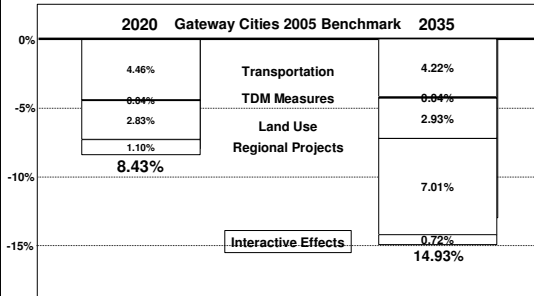
Regional Projects, including Measure R

- 17 projects

Interactions between land use and transit regional projects

Summary of Results
Daily GHG Reduction Per Capita in Gateway Cities

Percent below 16.64 lbs CO_{2e} per person per day



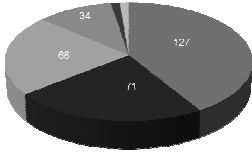
4

GHG Reductions from Transportation Measures
Submitted Transportation Project Locations



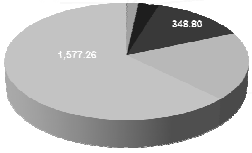
5

GHG Reductions from Transportation Measures Submitted Transportation Projects by Type



6

GHG Reductions from Transportation Measures Average Annual Reduction by Project Type (tons)



7

Results from Evaluating GHG Reductions Regional Projects

17 key projects

Daily CO₂ reduction due to changes in network speed is 7% associated with bottleneck relief

Daily CO₂ reduction due to reduced VMT (i.e., mode shift) is 1.1% associated mostly with transit projects largely built by 2020

Packaging is multiplicative; so the combined benefit is 7.07%

8

Results from Evaluating GHG Reductions Regional Projects within Gateway Cities Subregion	
1. I-710 Arterial Hwy Improvements	9. Signal synchronization of major arterials (re: I-710)
2. I-710 TSM/TDM	10. ITS Integration Plan
3. I-5 (I-605 to county line)	11. California High Speed Rail
4. SR-91/I-605/I-405 Arterial Highway Improvements	12. Goldline Eastside Extension
5. BNSF Grade Separation	13. OLDA Project
6. I-110 Harbor Transitway	14. Regional Connector
7. HOV conversion to HOT lanes	15. Green Line Extension to LAX I-5 (between I-605 to I-710)
8. I-710 Freight Corridor	16. I-5 Arterial Highway Improvements
	17. I-605 Hot Spots

Sustainable Communities Strategy Outline and Presentation
Executive Summary
1. Introduction
2. Situation Analysis
3. Subregional SCS Development Process
4. Land Use Characteristics
5. Growth Accommodations
6. Affordable Housing Accommodation
7. Transportation Network
8. Resource Areas and Farmland
9. State Housing Goals
10. Integration of Development Pattern with Transportation Network
11. Compliance with Regional and Federal Requirements
12. Financial and Fiscal Implementation

Next Steps Activities through June 2011	
Date	Event
Nov 17, 2010	Planning Directors/Public Works Officers Workshop #1 (BMPs)
Jan 5, 2011	City Managers/COG Board briefing/workshop #2 (First Draft SCS)
Feb 16, 2011	Planning Directors/Public Works Officers Workshop #3
Feb 28, 2011	Stakeholder Outreach Workshop
March 15, 2011	Final Transportation & TDM Due
March 31, 2011	Final Land Use Due
Apr 20, 2011	Planning Directors/Public Works Officers Workshop #4 & #5 (Final Draft SCS/RTP/RHNA)
April 2011	Draft subregional SCS due to SCAG
April – May, 2011	Public Outreach Workshops
June 1, 2011	City Managers/COG Board briefing/workshop and Board Presentation #6 (Final SCS)
June 2011	Final subregional SCS Due to SCAG
