

Gateway Cities SCS 4th Workshop Draft Aggregate SCS Analysis Results



Presented by:

Ken Farfsing (Signal Hill)
Christopher Wornum (CS)
Nancy Pfeffer (Gateway Cities COG)
Al Warot (Willdan)

Wendy Tao (CS)
Michael Snavely (CS)
James Johnson (CS)
Esmeralda Garcia (MIG)

April 20, 2011

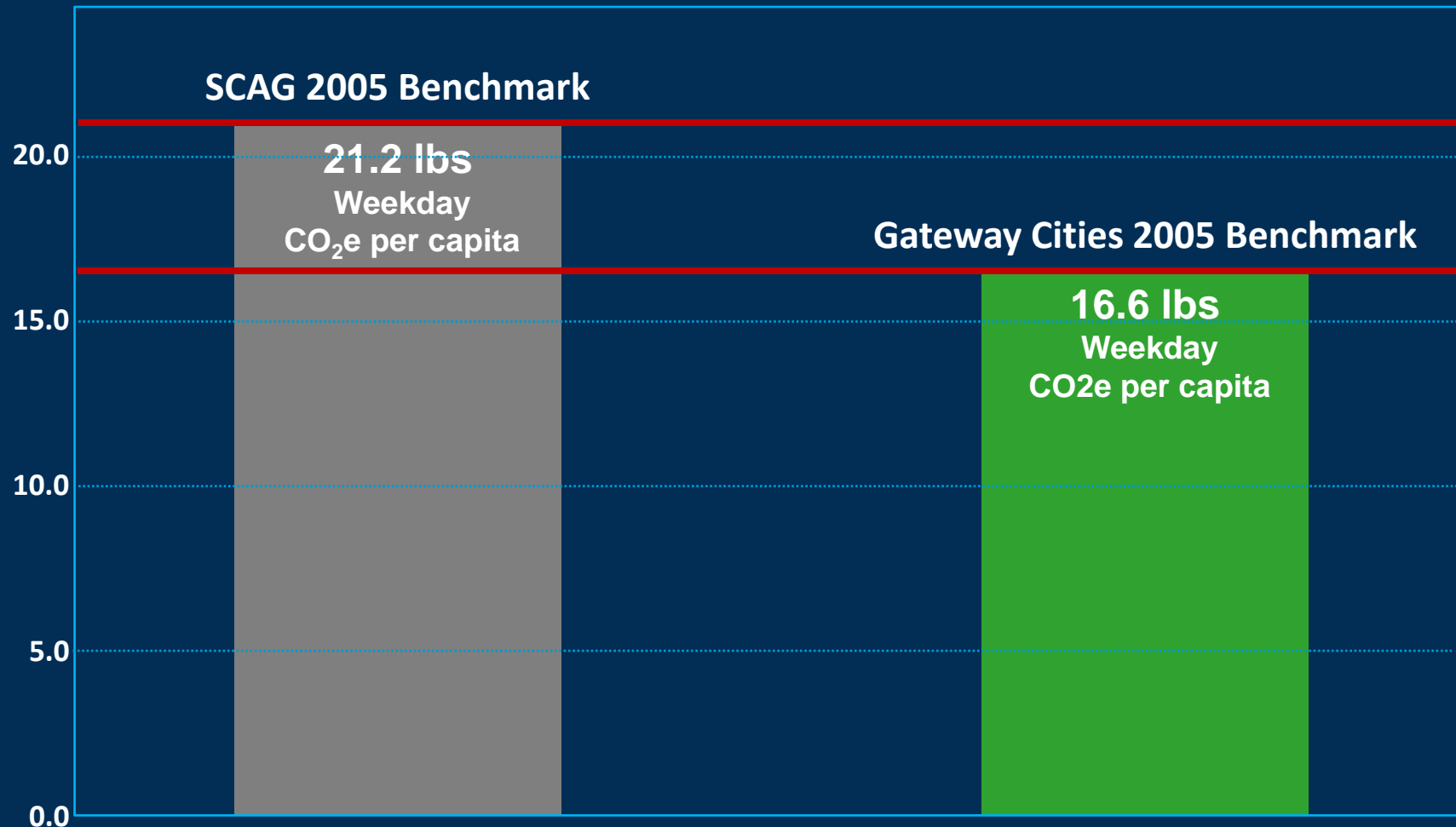
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Presentation Agenda

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|---|--|-----------------------------------|
| 1. Welcome, Agenda Overview | Ken Farfing, Chair
SCS Steering Committee | 9:00-9:10
<i>10 minutes</i> |
| 2. Benchmarks and Methodology | Wendy Tao (CS)
Chris Wornum (CS) | 9:10-9:15
<i>5 minutes</i> |
| 3. Summary of Results | Wendy Tao (CS) | 9:15-9:30
<i>15 minutes</i> |
| 4. GHG Reductions from Transportation Measures | Michael Snavelly (CS)
James Johnson (CS)
Christopher Wornum (CS) | 9:30-9:50
<i>20 minutes</i> |
| Break | | 9:50-10:00
<i>10 minutes</i> |
| 5. How to Incorporate (or Not to Incorporate) RHNA in the SCS Process | Al Warot (Willdan) | 10:00-10:10
<i>10 minutes</i> |
| 6. Public Outreach Update | Nancy Pfeffer (GCCOG)
Esmeralda Garcia, MIG | 10:10 -10:20
<i>10 minutes</i> |
| 7. Financial and Fiscal Implementation | Chris Wornum (CS) | 10:20-10:30
<i>15 minutes</i> |
| 8. Sustainable Communities Strategy Outline and Presentation | Chris Wornum (CS) | 10:30-10:40
<i>10 minutes</i> |
| 9. Closing and Roadmap for Next Steps | Chris Wornum (CS) | 10:50-11:00
<i>10 minutes</i> |

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

lbs CO₂e per person per weekday



SCAG

Gateway
Cities

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2. Methodology

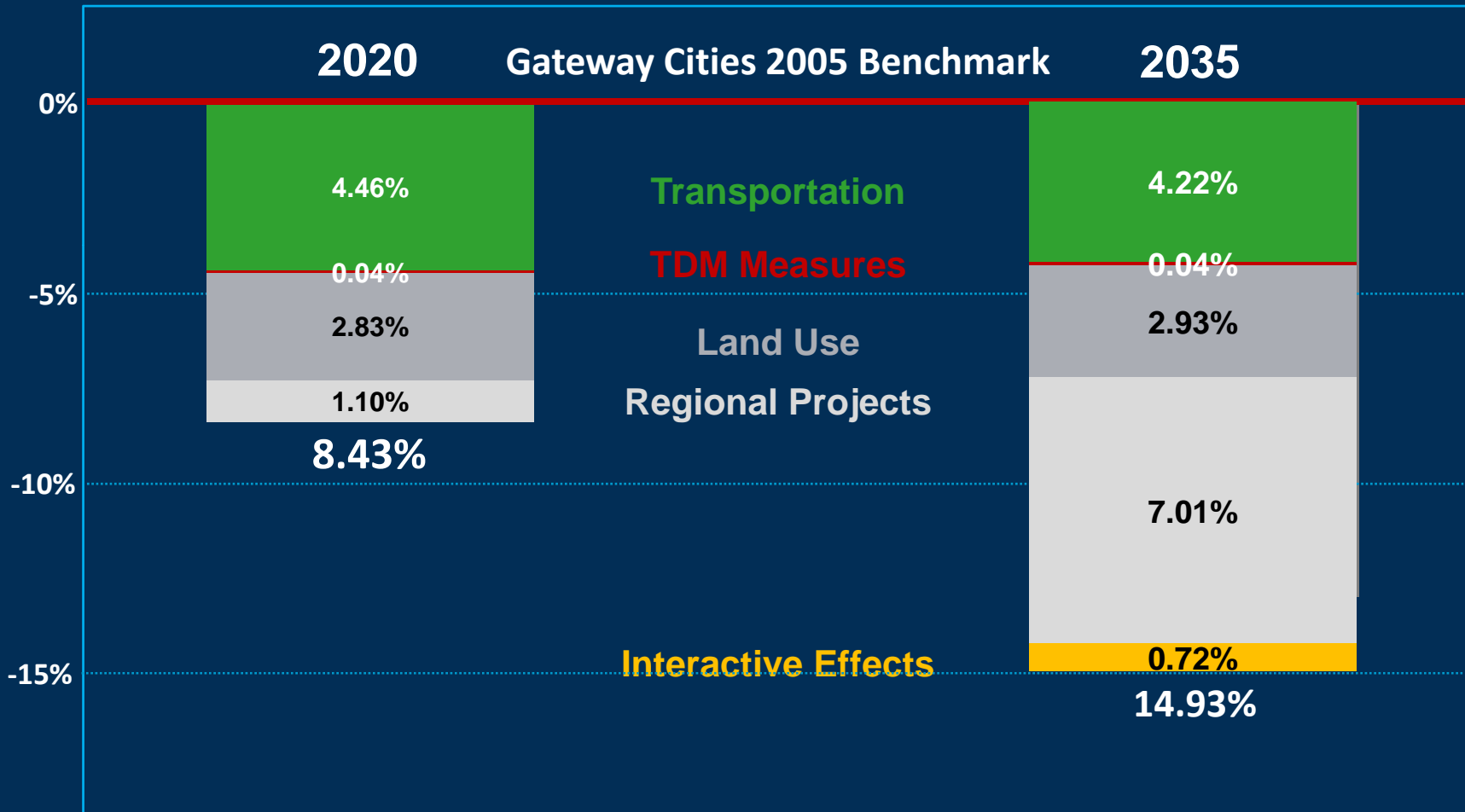
How Results are Quantified

- **Transportation Strategies**
 - 440 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
- **Land Use:**
 - 9 cities chose to modify their land use
 - 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 regional transit projects**

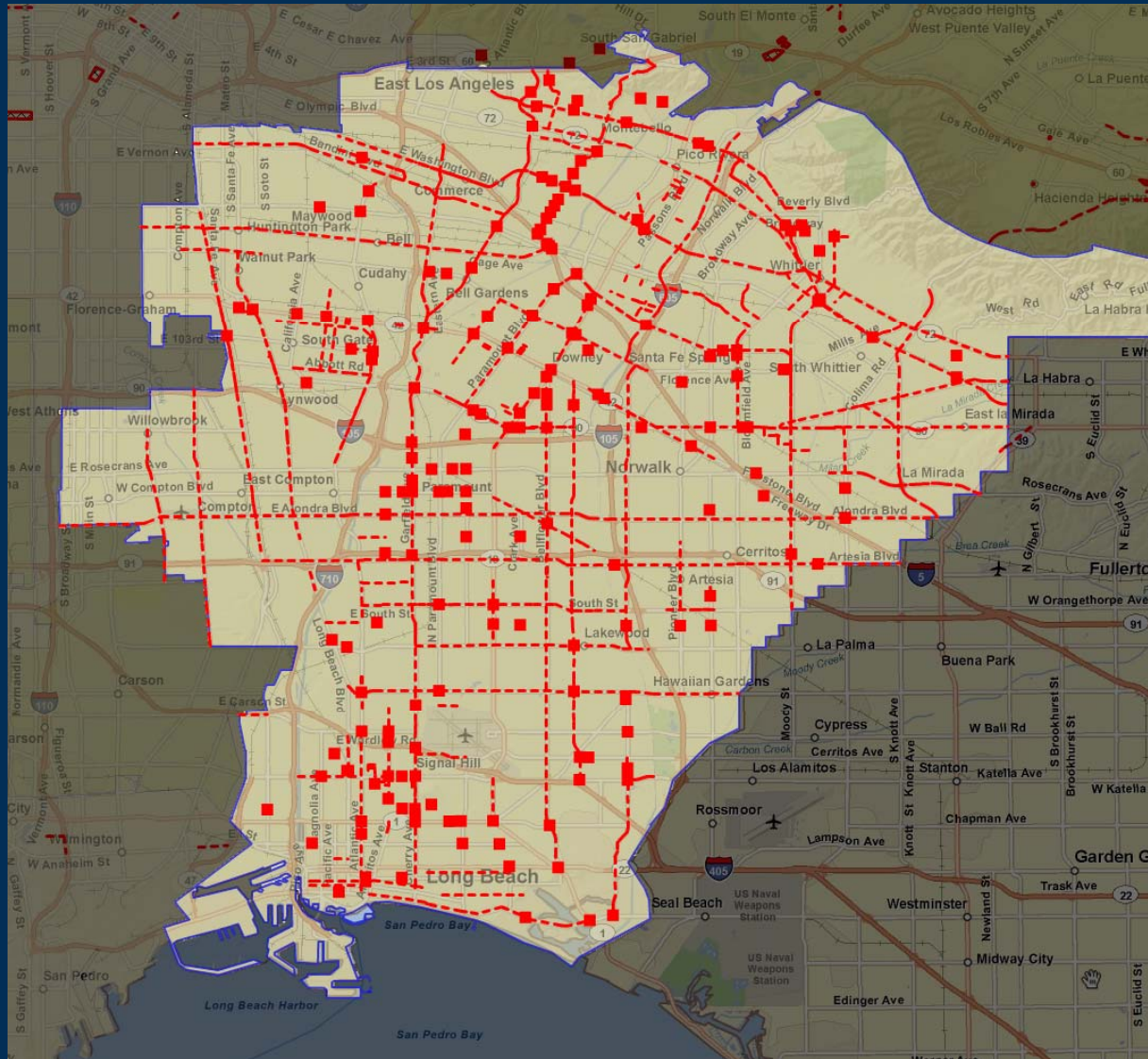
3. Summary of Results

Daily GHG Reduction Per Capita in Gateway Cities

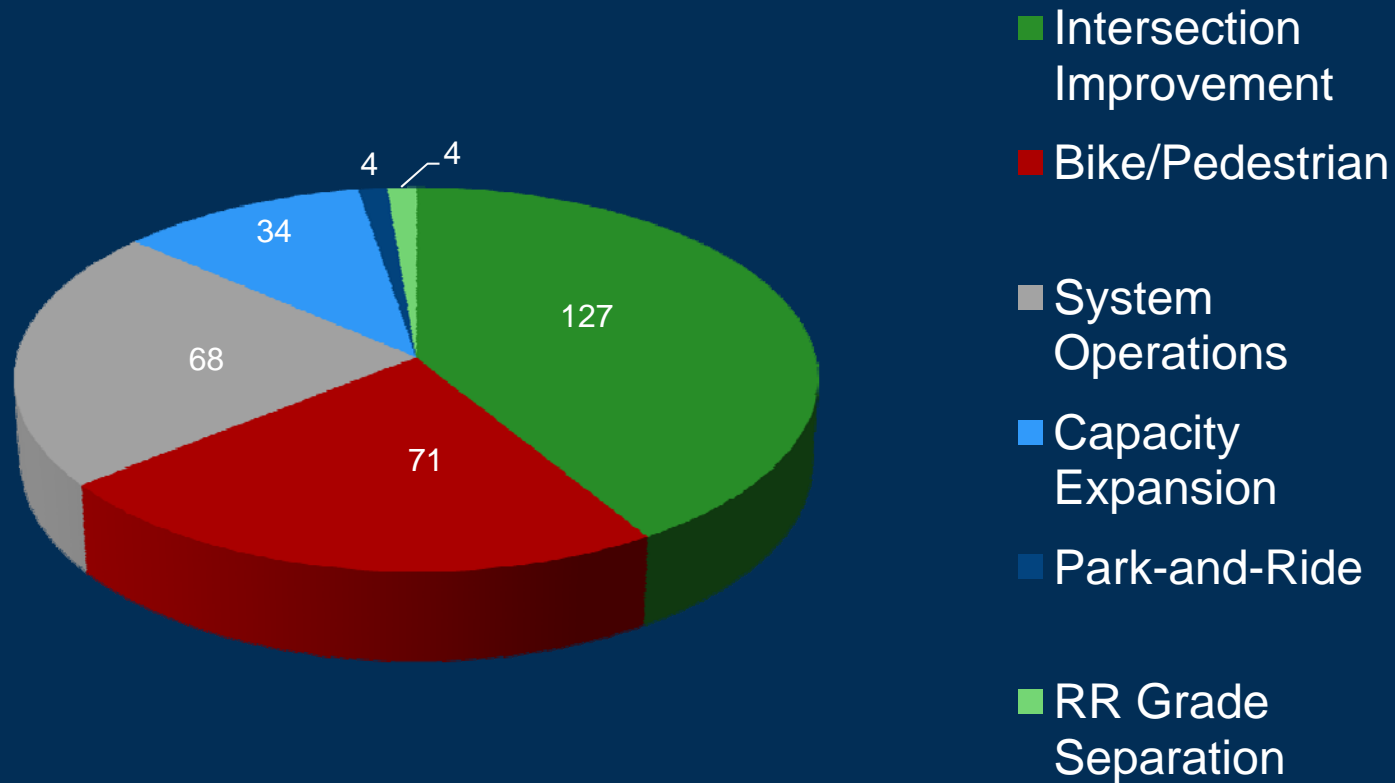
Percent below 16.64 lbs CO_{2e} per person per day



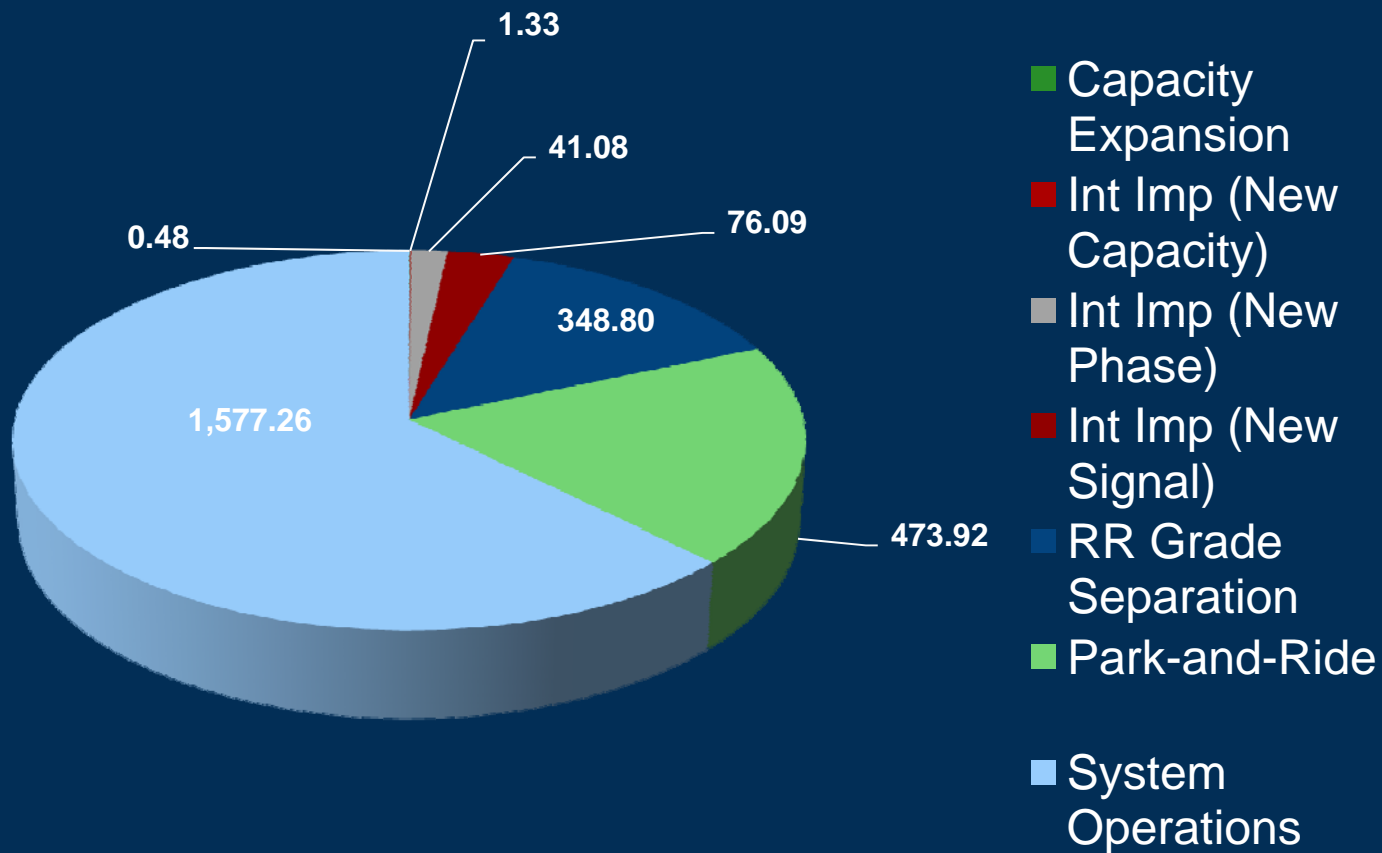
4. GHG Reductions from Transportation Measures Submitted Transportation Project Locations



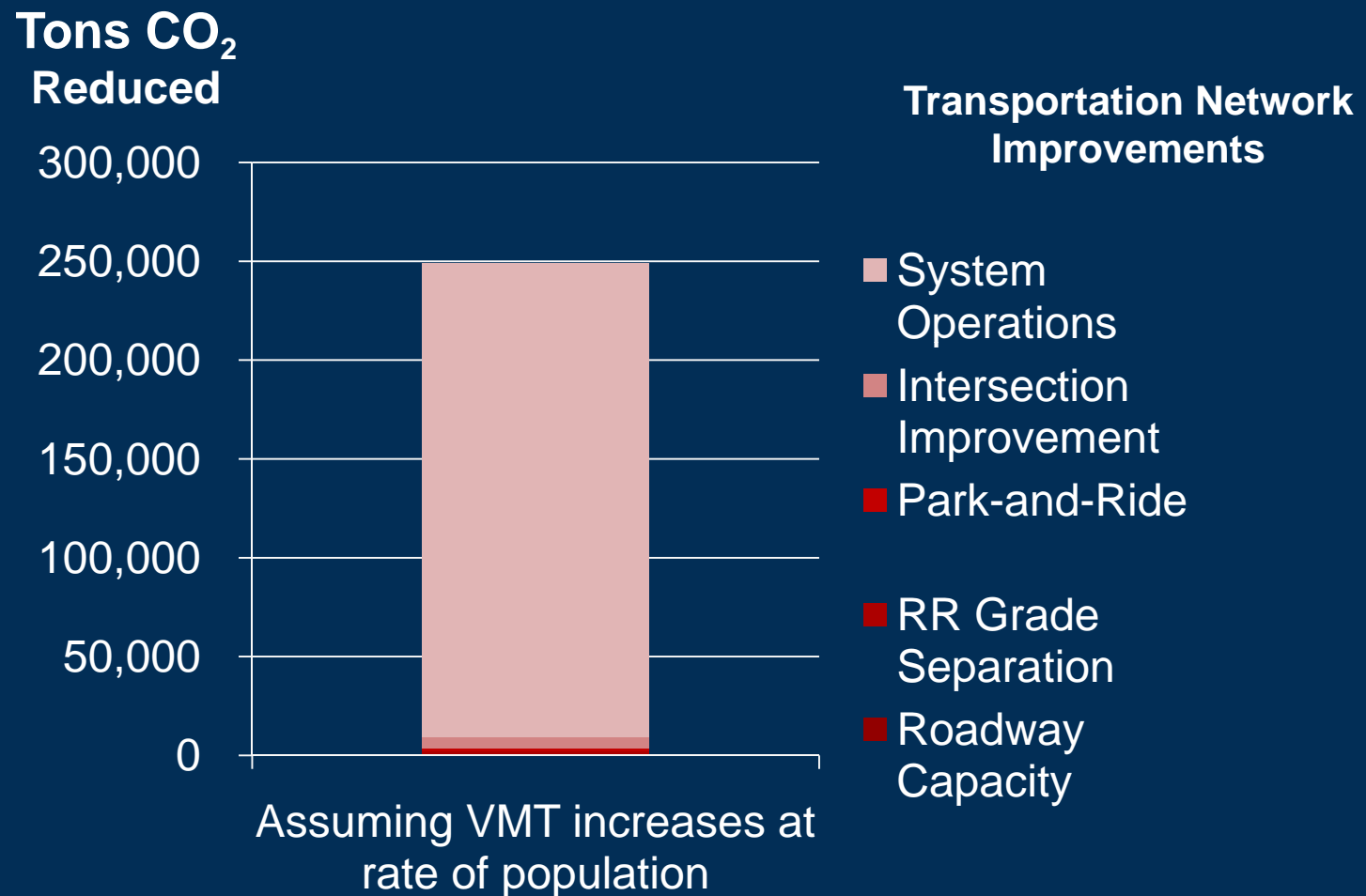
4. GHG Reductions from Transportation Measures Submitted Transportation Projects by Type



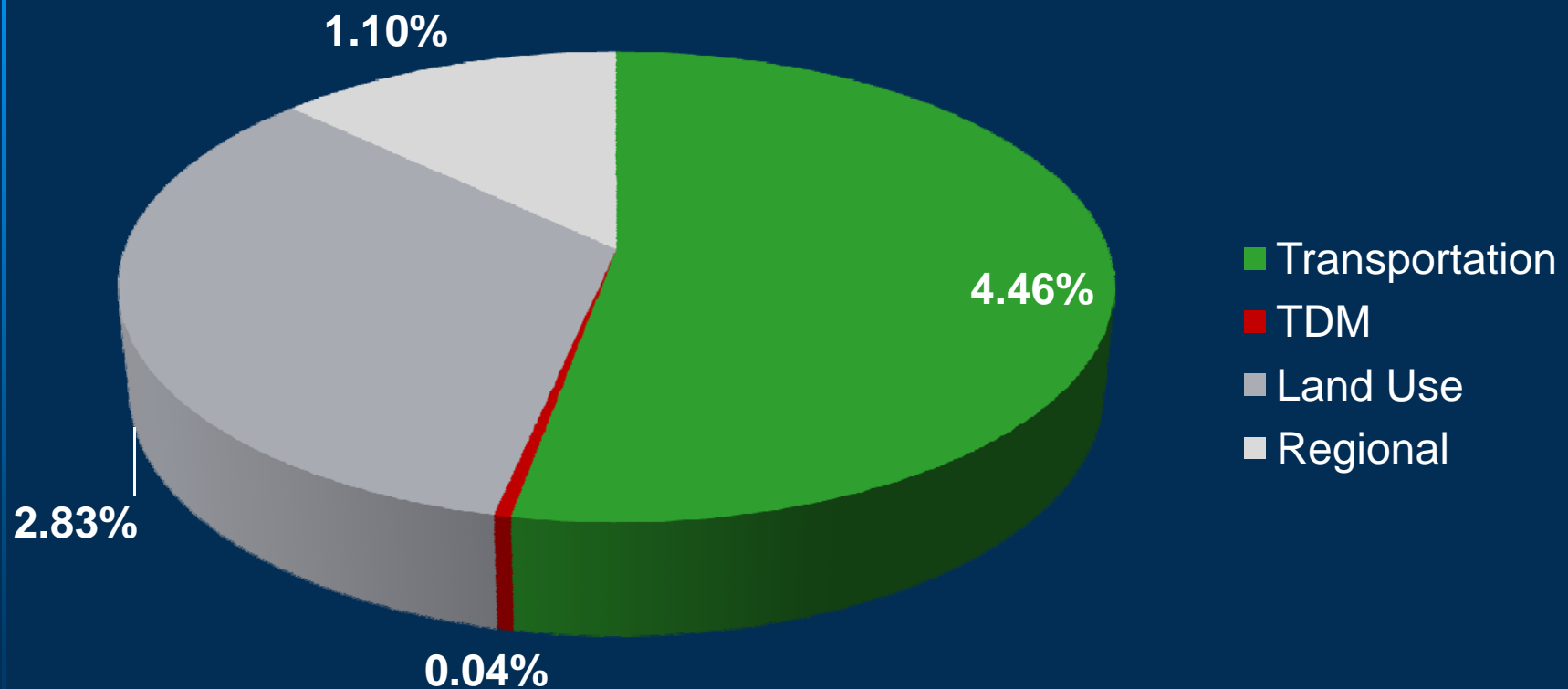
4. GHG Reductions from Transportation Measures *Average Annual Reduction by Project Type (tons)*



4. GHG Reductions from Transportation Measures Overall Emissions Reduction Benefits



4. GHG Reductions from Transportation Measures Shares of Total Subregional Reduction Compared 2005



Overall reduction (2005 - 2020): 8.43 % or 0.74 tons CO₂e per capita

4. Results from Evaluating GHG Reductions Regional Projects

- 17 key projects
- Daily CO₂ reduction due to changes in network speed is 7% associated 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 7.01% these apply in 2040

4. Results from Evaluating GHG Reductions Regional Projects within Gateway Cities Subregion

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

5. How to Incorporate (or Not to Incorporate) RHNA in the SCS Process

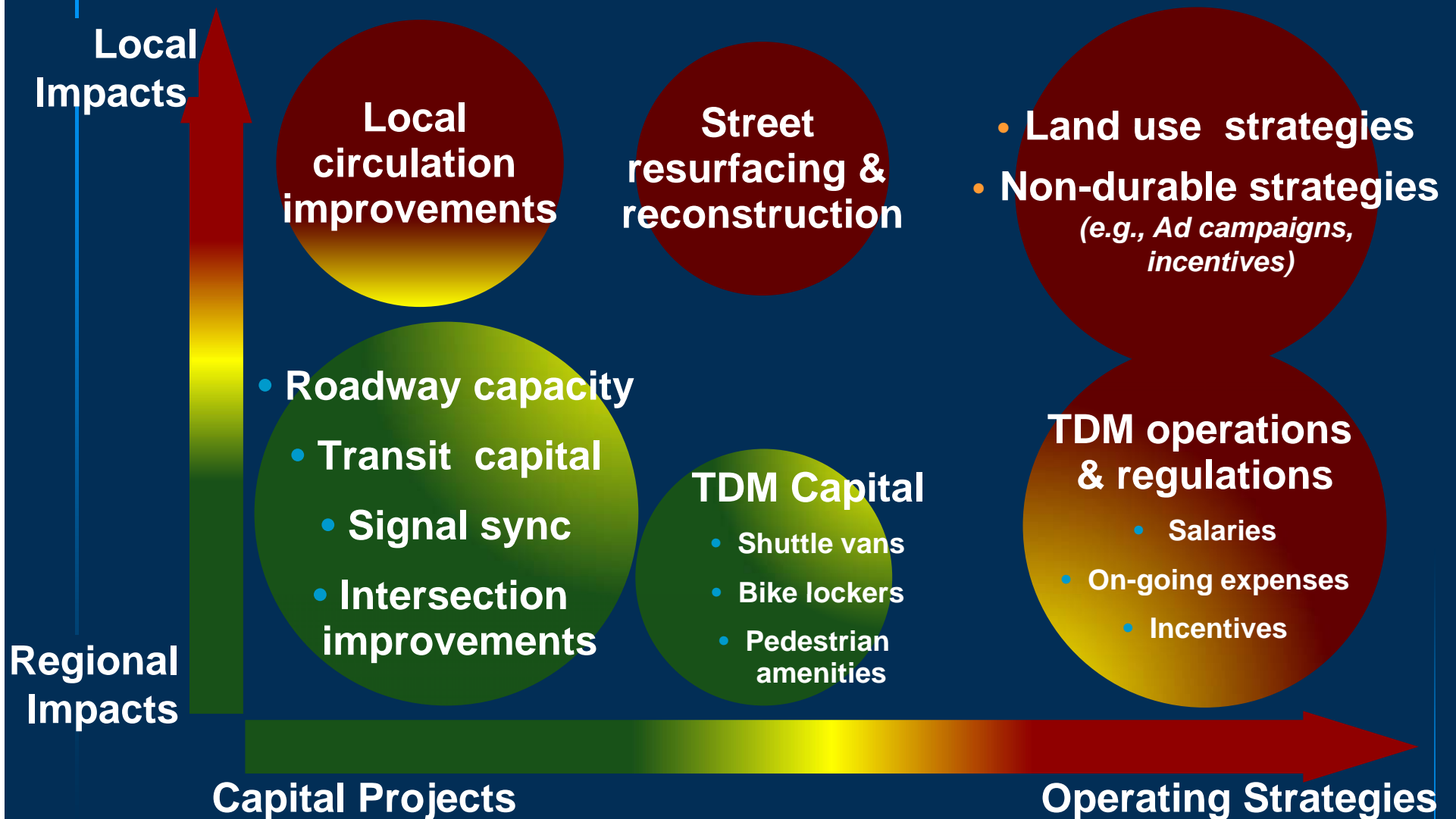
- RHNA is not a component but a related planning effort that will follow the development of the SCS
- RHNA and SCS must be consistent
- Gateway Cities COG submits Final Subregional SCS to SCAG – June 2011
- SCAG approves Final SCS – April 2012
- SCAG releases Draft RHNA – April 2012
- SCAG adopts Final RHNA – October 2012
- COG will rely upon SCAG integrated growth forecasts in addressing SCS and RHNA consistency

6. Public Outreach Plan

- **Nancy Pfeffer (Gateway Cities COG)
Esmeralda Garcia (MIG)**
- **4 workshops planned in late April/early May**
- **Looking for volunteers**

7. Financial and Fiscal Implementation

Initial Identification of Eligible CMF Projects



8. 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**

9. 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 and City Managers/COG Board briefing #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