

**SANDAG**

# Transportation Planning for the San Diego Region Under SB 375

*June 2009*



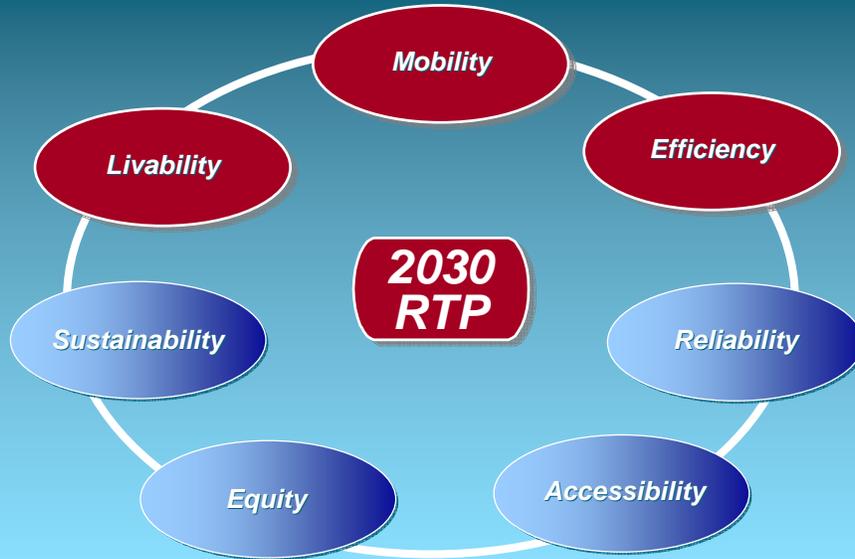
**SANDAG**

## Overview

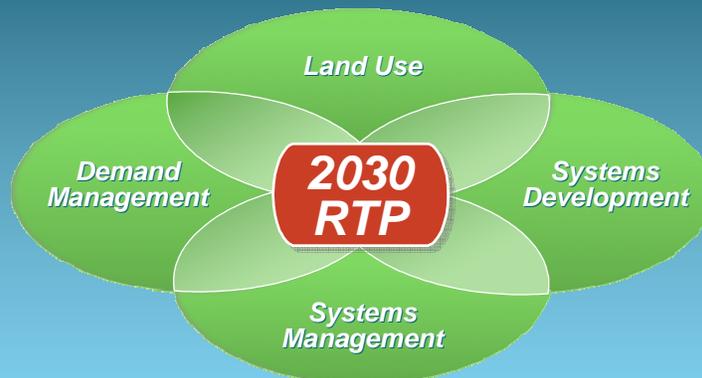
- **Background on SANDAG's Adopted 2030 Regional Transportation Plan**
- **Changes To Be Addressed in Next RTP Update:**
  - SB 375 Requirements
  - New Transportation Planning Studies
  - Updated Funding Analysis
- **Proposed Methodology**
- **Next Steps**

2

## 2030 RTP Goals



## Four Components of SANDAG's Adopted 2030 RTP



# 2030 RTP Planning Scenarios

## Unconstrained Needs

- \$88 billion

## Revenue Constrained

- \$41 billion

## Adopted Plan: Reasonably Expected Revenues

- \$57 billion

# Systems Development



# 2030 Transit Network

- Commuter Rail / Light Rail
- Bus Rapid Transit
- Arterial Rapid Bus
- Local Bus Service



# Goods Movement Action Plan

## San Diego Region

- 1 Air Cargo
- Border**
  - 2 SR 905
  - 3 SR 11/New Border Crossing
- 4 Maritime
- 5 Pipeline
- Rail**
  - 6 Coastal/SPRINTER
  - 7A High Speed Rail/Inland
  - 7 South/MEX
  - 7A Desert
- Road/Managed Lanes**
  - 8 I-5
  - 9 I-15
  - 10 I-805
  - 11 SR 94/125, I-8
  - 12 SR 125/Toll
  - 13 SR 54/125/52/67/94 Outer Loop



# Systems Management



Freeway Service Patrol "Tow Truck"

# Demand Management



# Land Use / Transportation Integration



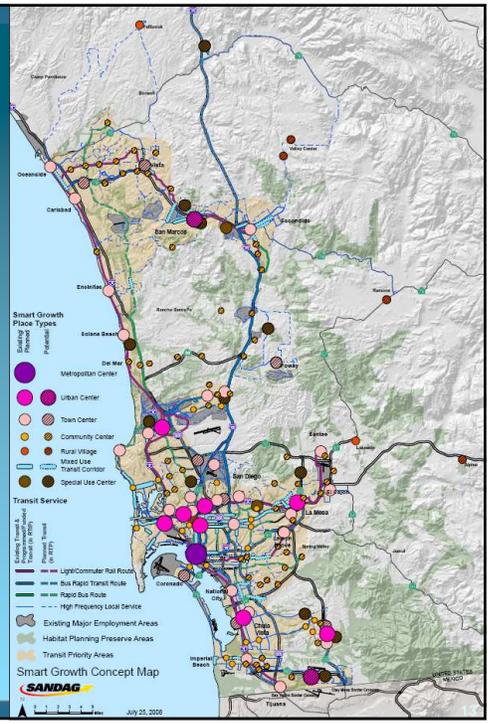
## Regional Transit Corridors

*Smart Growth Opportunity Areas*



# Smart Growth Concept Map

Existing/ Planned	Potential	
		Metropolitan Center
		Urban Center
		Town Center
		Community Center
		Rural Village* (with core area)
		Mixed Use Transit Corridor
		Special Use Center



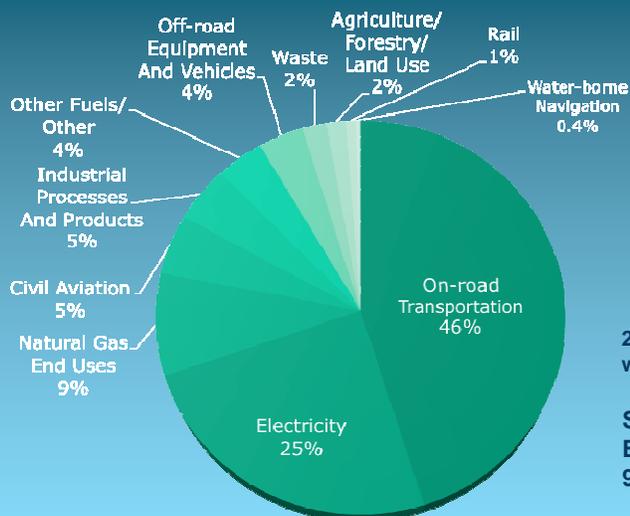
## Transportation Planning Under SB 375



## Key Provisions of SB 375

- Requires State Air Resources Board to set 2020 regional targets for GHG emissions from transportation
- Requires MPO to create Sustainable Communities Strategy
- Connects regional housing allocation planning with Regional Transportation Plan (RTP)
- Requires regional transportation funding decisions to be consistent with RTP
- Streamlines and creates new CEQA exemptions for certain projects

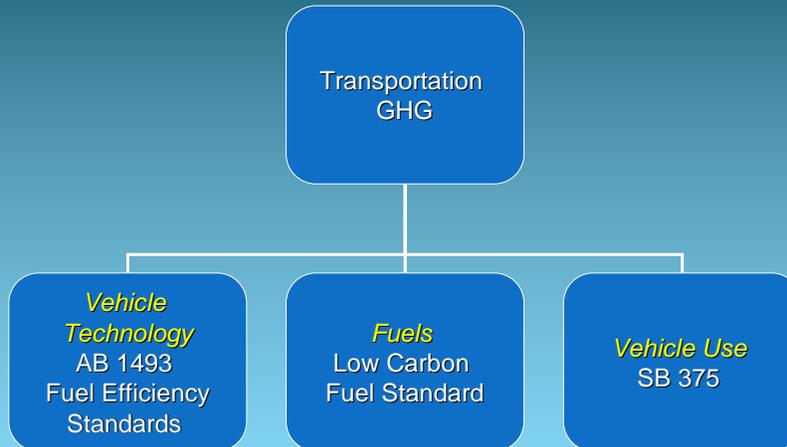
## GHG Inventory for San Diego County



2006 Data  
[www.sandiego.edu/epic](http://www.sandiego.edu/epic)

Source:  
 EPIC GHG Study  
 9/08

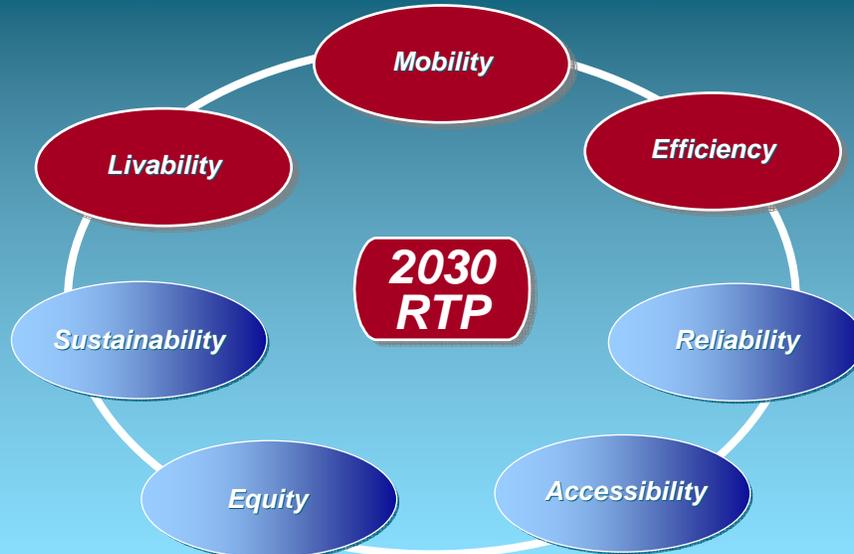
## Components of Transportation GHG



## Integrated Work Plan and Schedule for Next RTP Update

- |                                     |                       |
|-------------------------------------|-----------------------|
| <b>1. RTP Goals and Objectives</b>  | <b>July-Sept 2009</b> |
| <b>2. New Growth Forecast</b>       | <b>Jan-Feb 2010</b>   |
| <b>3. RTP Scenarios</b>             | <b>June-Sept 2010</b> |
| <b>4. Final Regional GHG Target</b> | <b>Sept 2010</b>      |
| <b>5. Draft RTP/EIR</b>             | <b>Feb-March 2011</b> |
| <b>6. Final RTP/EIR</b>             | <b>July 2011</b>      |

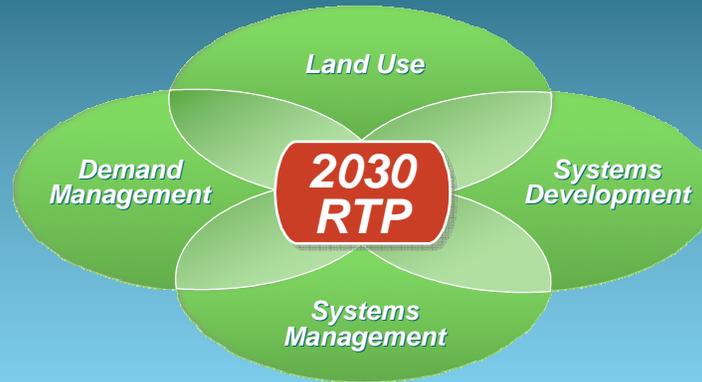
# 1. Update Goals and Objectives



# 2. Update Growth Forecast

- 2050 Horizon Year
- Updated Interregional Analysis
- Public Participation per SB 375

### 3. Prepare New RTP Scenarios



### Systems Development

- **Urban Core Transit Strategy**
- **High Speed Passenger Rail**
- **“Destination Lindbergh” - Airport Intermodal Transportation Center**
- **Goods Movement System Improvements**
- **Interregional Partnerships:**
  - **International Border Crossings (SR 11, San Ysidro, Otay Mesa)**
  - **I-15 (San Diego / Riverside)**

## Systems Management / Demand Management

- **Pricing Strategies:**
  - Roads
  - Parking
- **TDM Measures:**
  - Telecommuting
  - Incentives for Ridesharing and Transit Use
- **Non-motorized Transportation**
- **Safe Routes to Schools**

## Land Use / Transportation Integration

- **Prepare Sustainable Community Strategy Alternatives:**
  - Test Alternative Smart Growth Land Use Distribution Scenarios
  - Evaluate Regional Housing Needs Issues
  - Look at Interregional Commuting Patterns
  - Look at Timing Issues (predicted rate of land use conversion)

## **Develop Alternative Planning Scenarios**

### **Range of Investment Levels:**

- **Unconstrained Needs**
- **Revenue Constrained**
- **Reasonably Expected Revenues**

### **Evaluation Criteria:**

- **Transportation Performance Measures**
- **Greenhouse Gas Emission Performance Measures**
- **Other Performance Measures (linked to Goals)**

## **4. Obtain Regional GHG Target**

- **CARB is required to set regional targets by September 2010**
- **MPO may submit proposed regional target to CARB for consideration**
- **SANDAG could submit proposed regional target based on analysis conducted in Steps 1 through 3 above**

## **5. Prepare Draft RTP / EIR**

- **Select Preferred Alternative from Steps 1 through 4 above**
- **Prepare draft Plan document**
- **Prepare Draft EIR**

## **6. Adopt Final RTP / EIR**

- **Obtain public input on draft Plan and draft EIR**
- **Respond to comments**
- **Prepare revised draft Plan and Final EIR**
- **Hold public hearings on Final Draft Plan**
- **Approve Final Plan and certify Final EIR**

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## Possible Next Steps for RTAC

- Agree on list of “reasonably available” GHG reduction measures to be evaluated in RTP development
- Agree on methodology and modeling assumptions to be used in GHG analysis
- Recommend that all major MPOs perform scenario planning analysis as outlined above
- Recommend that results be used as a basis for setting statewide and regional targets



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