

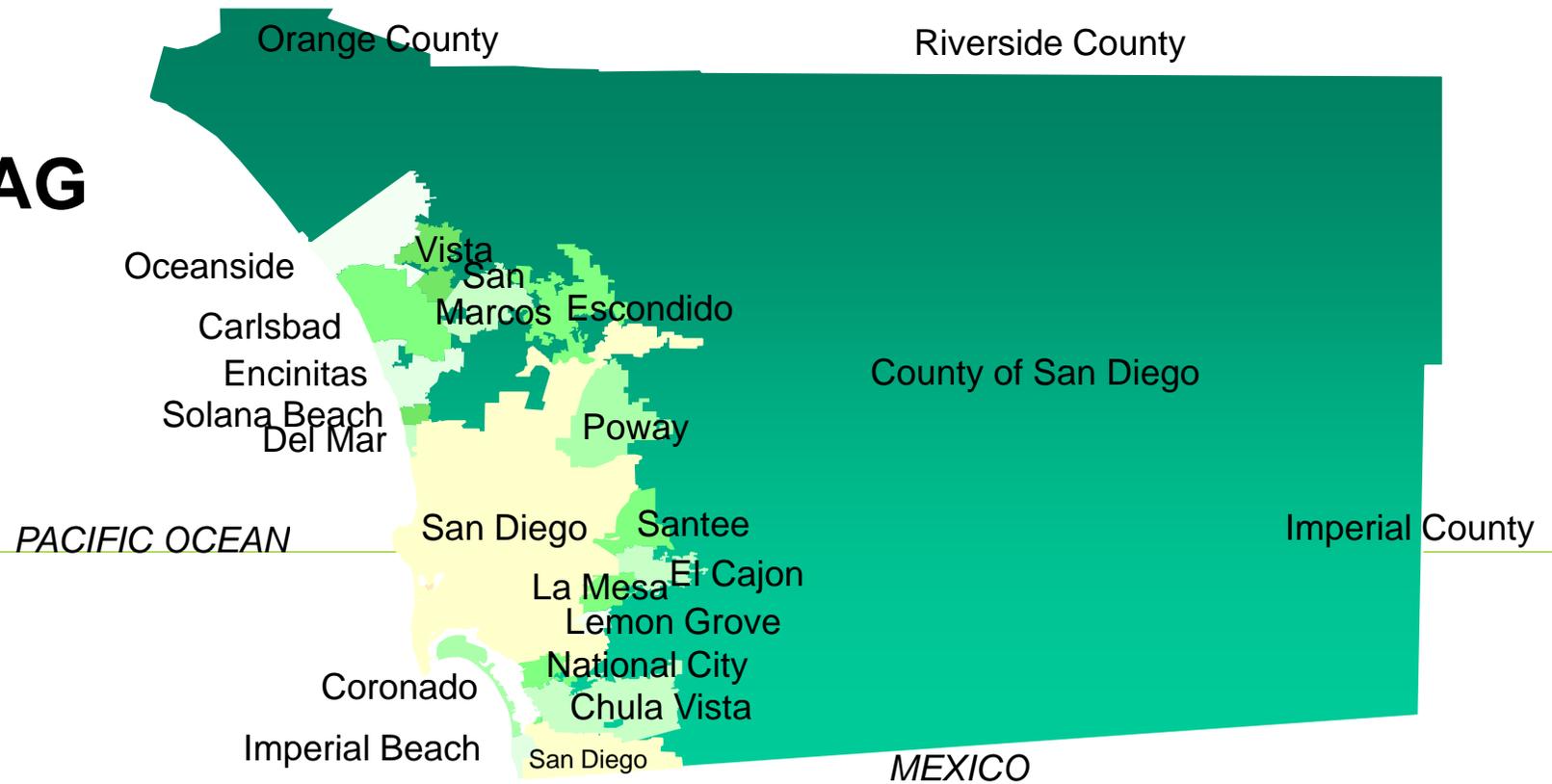


SANDAG Regional Energy and Climate Strategies

California Energy Commission
Staff Workshop on Energy Aware Planning Guide
February 18, 2010

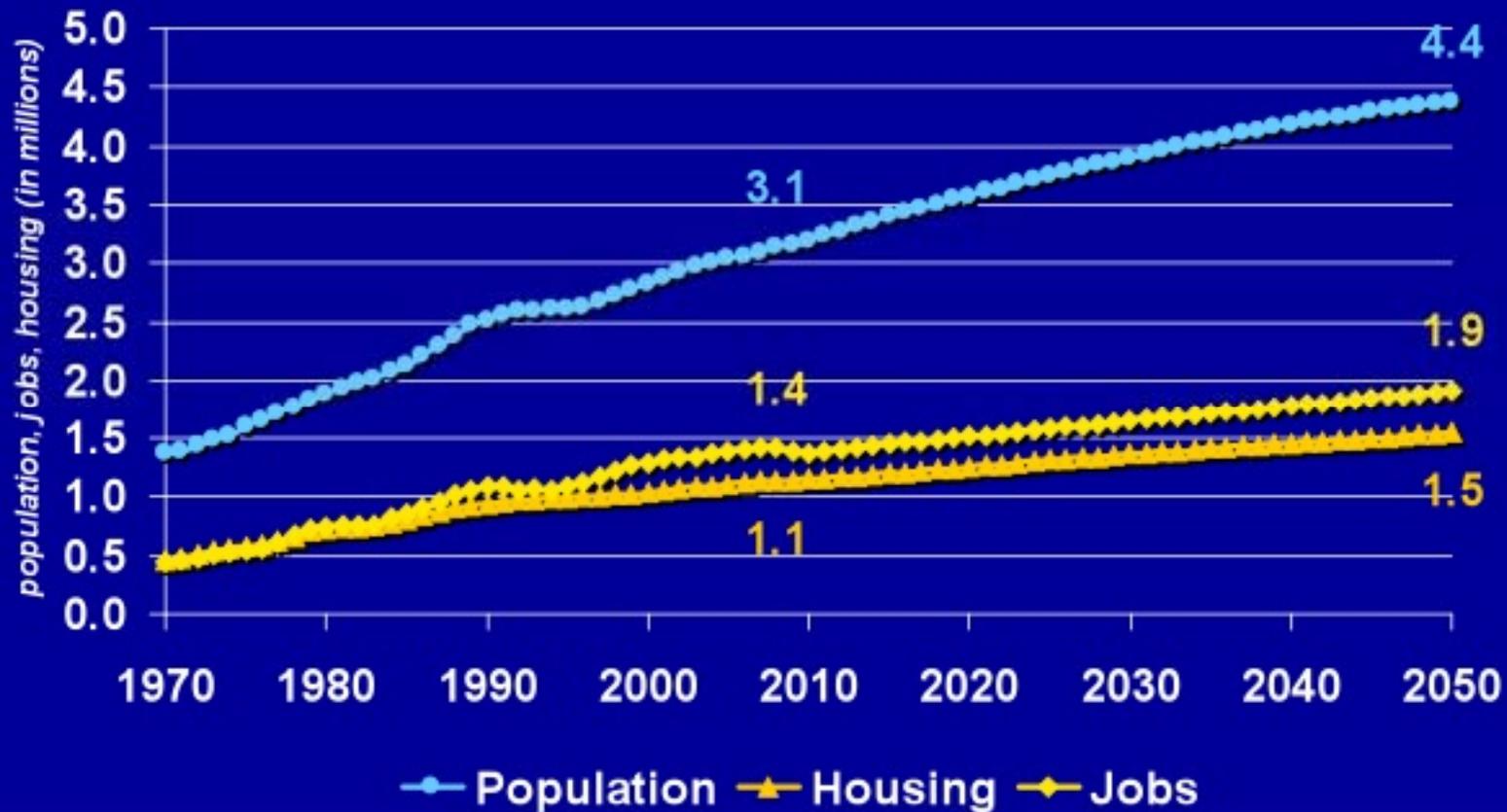
Susan Freedman
San Diego Association of Governments
www.sandag.org/energy

SANDAG



- Forum for regional decision-making
- Transportation planning and implementation
- Obtain and allocate resources
- Provide information and technical assistance

DRAFT 2050 Results: Population, Jobs, Housing



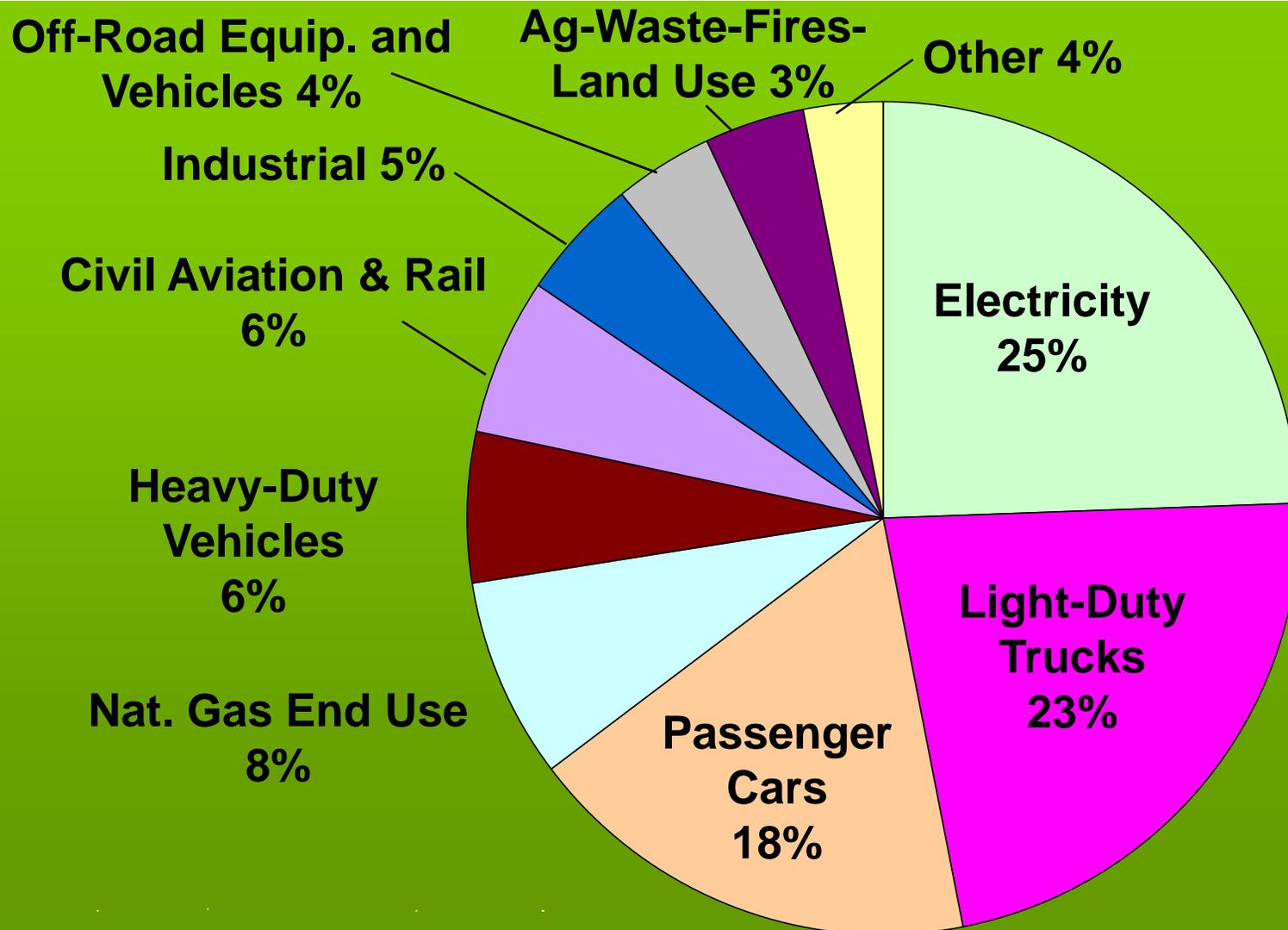
Business as Usual and Where We Need to Go



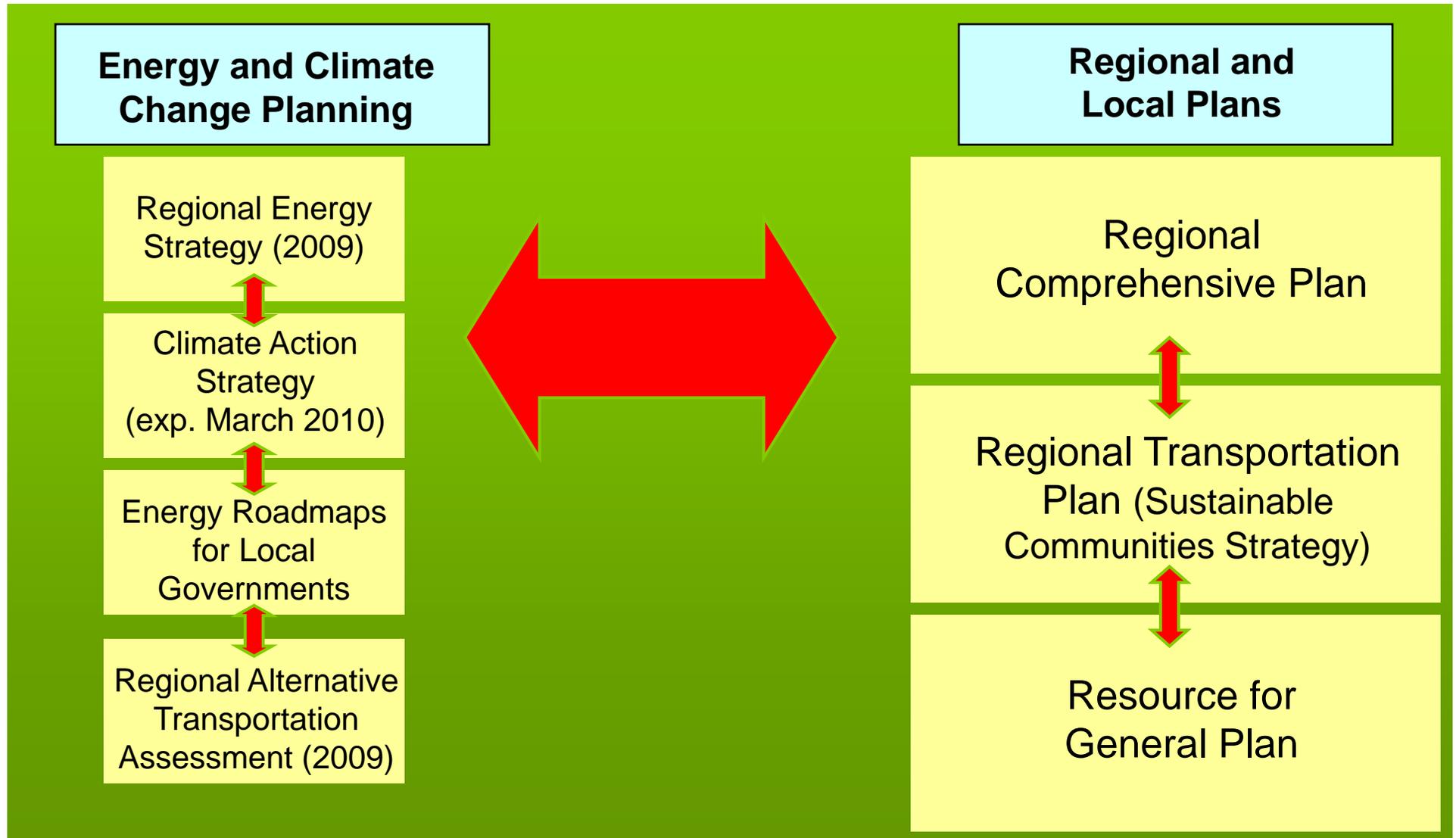
Figure 13. Theoretical GHG Reduction Targets for San Diego County



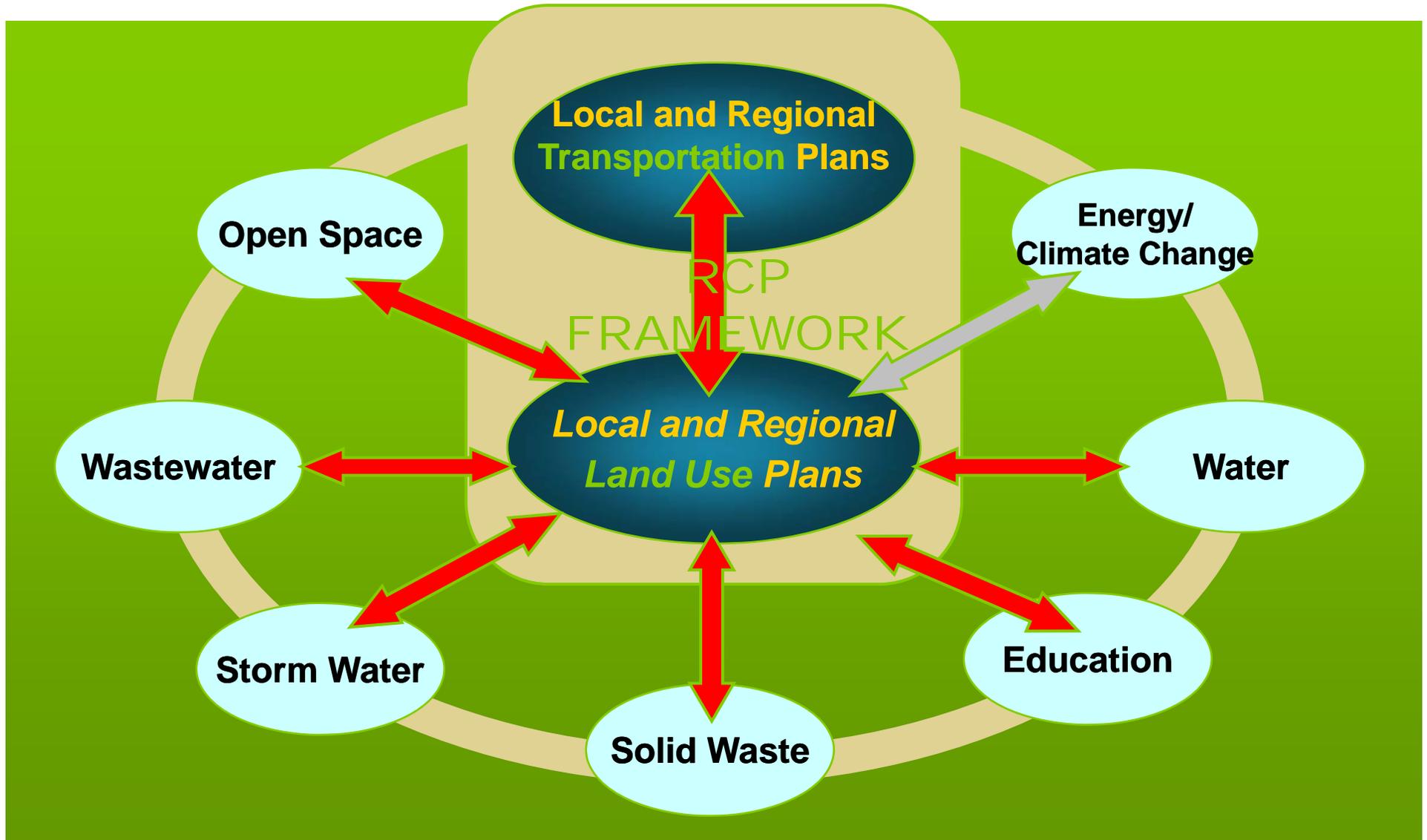
San Diego County GHG Emissions by Category



Energy and Climate Strategies, SANDAG and Local Plans



Using our Transportation and Land Use Plans To Guide our Investments

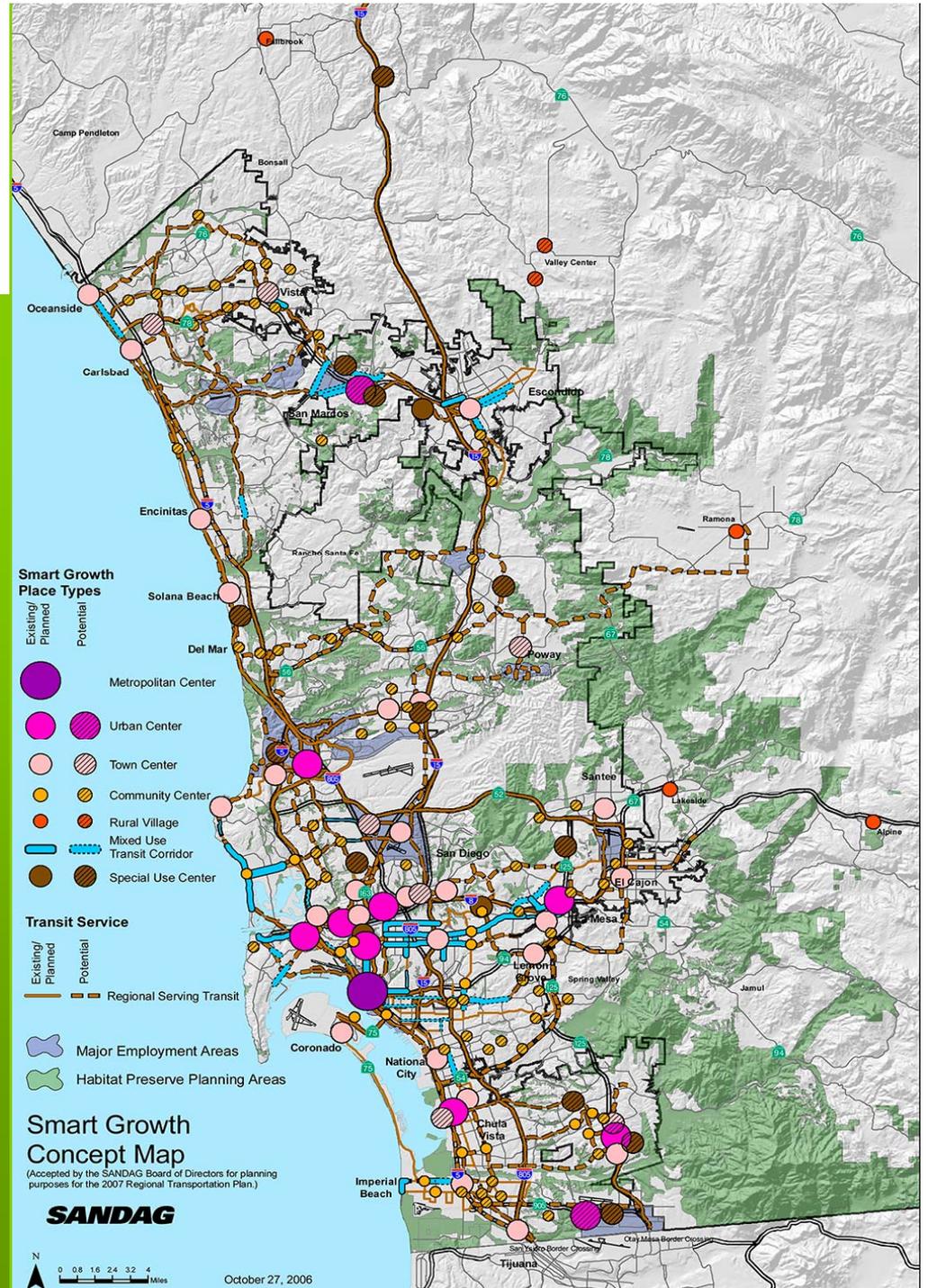


Smart Growth Concept Map

Smart Growth Areas

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

SANDAG focuses its transportation investments in these areas and provides smart growth incentives



Regional Energy Strategy Goals

- Energy Efficiency and Conservation
- Renewable Energy
- Distributed Generation
- Energy and Water
- Peak Demand
- The Smart Grid
- Natural Gas Power Plants
- Transportation Fuels
- Land Use & Transportation Planning
- Border Energy
- Clean Energy Economy



Priority Actions of the Energy Strategy



1. Building retrofit program
2. Financing programs
3. SANDAG-SDG&E Local Government Partnership
4. Land use & transportation strategies to reduce energy use
5. Electric charging and alternative fueling infrastructure
6. Reclaimed water

SANDAG Climate Action Strategy



1. Smart Growth Land Use and Low-Carbon Transportation
2. Clean Energy and Efficient Buildings
3. SANDAG and Local Government Operations

Serves as a foundation to address climate change as existing plans are updated including the Regional Transportation Plan under SB 375



“Energy Roadmaps” for Member Agencies: *A Framework for Local Government Action*



- SDG&E-SANDAG Local Government Partnership
- Comprehensive energy assessments of city operations, policy, and education opportunities
- Standardized approach to energy planning and projects based on state, regional and local goals
- Build institutional knowledge at local governments
- Conduit to additional energy efficiency program funds

**SDG&E program cannot be used for transportation planning and petroleum reduction measures

- SANDAG responsibility if we address it



Partnering for Success!

SANDAG, Local Governments, and other entities collaborating to reach mutual energy goals



Thank You!



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Climate Planning Program

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