Overview of Senate Bill 375 and Related Long-Range Regional Planning

APA Regional Planning Collaborative
March 13, 2009
Background

- Executive Order S-3-05
- CA Global Warming Solutions Act of 2006 (AB 32)
- AB 32 Scoping Plan
- California Energy Commission Agreement
- Attorney General comments on SANDAG RTP
- SB 375 (Steinberg, 2008)
Transportation GHG

- Vehicle Technology
  - AB 1493 Fuel Standards
- Fuels
  - Low Carbon Fuel Standard
- Vehicle Use (VMT)
  - SB 375
SB 375

Five key provisions:

• Creates regional targets for greenhouse gas emissions

• Requires regional planning agencies create Sustainable Communities Strategy

• Connects regional housing allocation planning with Regional Transportation Plan (RTP)

• Requires regional transportation funding decisions be consistent with RTP

• Streamlines and creates new CEQA exemptions for certain projects
Next Regional Transportation Plan Update
Four Components of the 2030 RTP

- Land Use
- Demand Management
- Systems Development
- Systems Management

2030 RTP
Smart Growth Concept Map

Smart Growth Areas

- Existing/Planned
  - Metropolitan Center
  - Urban Center
  - Town Center
  - Community Center

- Potential
  - Rural Village* (with core area)
  - Mixed Use Transit Corridor
  - Special Use Center

*Note: Rural Village includes core area.

Smart Growth Place Types

- Existing
  - Metropolitan Center
  - Urban Center
  - Town Center
  - Community Center
  - Rural Village
  - Mixed Use Transit Corridor
  - Special Use Center

- Planned
  - Light Rail Route
  - Bus Rapid Transit Route
  - High Frequency Local Service

- Potential
  - Major Employment Areas
  - Habitat Planning Preserve Areas
  - Transit Priority Areas

SANDAG

Smart Growth Concept Map

July 25, 2008
Regional Energy/Climate Planning
SANDAG Energy/Climate Planning

- Develop Regional Climate Action Plan (RCAP)
- Update Regional Energy Strategy (RES)
- Implement Sustainable Region Program (SRP)
- Perform Regional Assessment of Alternative Fuels, Vehicles and Infrastructure
GHG Inventory for San Diego County

- Off-road Equipment and Vehicles: 4%
- Agriculture/Forestry/Land Use: 2%
- Rail: 1%
- Water-borne Navigation: 0.4%
- Other Fuels/Other: 4%
- Industrial Processes: 5%
- Civil Aviation: 5%
- Natural Gas End Uses: 9%
- Electricity: 25%
- On-road Transportation: 46%

Source: EPIC GHG Study
www.sandiego.edu/epic
2006 Data
9/08
SB 375 Regional Transportation Targets

- AB 32 Scoping Plan calls for 5 MMT CO$_2$ reductions statewide from passenger vehicles by 2020
- Defers to SB 375 for setting regional targets for 2020 and 2035 horizon years
- Local and regional agencies will need to partner to meet targets
Regional Climate Action Plan (RCAP)

- Long-range policy plan
- Establishes GHG baseline and projections
- Precursor to SB 375 – foundation for climate planning for next RTP
  - Identifies measures to reduce GHG in transportation and land use
  - Focuses on measures that regional and local government can influence
Regional Climate Action Plan (RCAP)

Plan Elements:

- EPIC GHG inventory (1990 to current)
- Business-as-usual forecasts to 2030
- GHG test target (based on AB 32 estimates)
- GHG reduction scenarios
- Policy development
Regional GHG Reduction Scenarios for Transportation

- Low Carbon Land Use Scenario
- Enhanced Transit Scenario
- Transportation Demand Management
2030 Projected Transportation Emissions

RTP Business-as Usual  22.5 MMT CO₂

Projected GHG Reductions

• State measures  9.1 MMT CO₂
• Regional measures  2.5 MMT CO₂
Land Use and Transit Assumptions

- Build-out of Smart Growth Concept Map
- New circulator bus service in central San Diego
- Shorter headways for COASTER, light rail, bus rapid transit, regional buses

Emissions Outcome: 2.5 to 6 % reduction
Transportation Demand Management (TDM) Assumptions

- Telecommuting
- Pay-as-you-drive Insurance
- Regional Carbon Fee
- Parking Pricing

Emission Reduction: additional 17%
RCAP Ongoing Development

- Existing analysis conducted for 2006 and 2030; 2020 milestone to be added
- Expansion of applicable regional and local GHG reduction measures
- Smart Growth Enhancements to the Transportation Model
- Additions and refinements to TDM measures modeled
- Draft plan to be released in June 2009
Integrated Regional Planning Work Plan and Schedule for Next RTP Update

- RTP Goals and Objectives: July-Sept 2009
- New Growth Forecast: Jan-Feb 2010
- RTP Scenarios: June-Sept 2010
- Draft GHG Targets: June 2010
- Final GHG Targets: Sept 2010
- Draft RTP/EIR: Feb-March 2011
- Final RTP/EIR/RHNA: July 2011
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