

LA Metropolitan Growth Planning

LA 광역대도시권 성장계획

최성연

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Contents

- What is SCAG?
- Growth and Urban Form
- Growth Planning: Process & Linkage
- Smart Growth & Regional Visioning
- Implementation & Monitoring
- Conclusions



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Southern California



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Southern California



- 6 Counties
- 188 Cities
- 38,000 square miles
- 18.5 million people
- 15th largest economy in the world



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SCAG IS

Federal Designation

Metropolitan
Planning
Organization

State Designation

Regional
Transportation
Planning
Agency

Council
Of
Governments

Joint Powers Authority (JPA), founded on October 28, 1965

the Largest Regional Planning Agency in the United States



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SCAG is Structured to Resolve Regional Issues

Cities Too Small

The Solution

State Too BIG



A Regional Forum that fosters collaboration and cooperation to compete globally and flourish locally



State of California

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SCAG Deals With

Regional Issues



- Transportation
- Goods Movement
- Housing
- Air Quality
- Waste Management
- Economic Growth
- Urban Sprawl

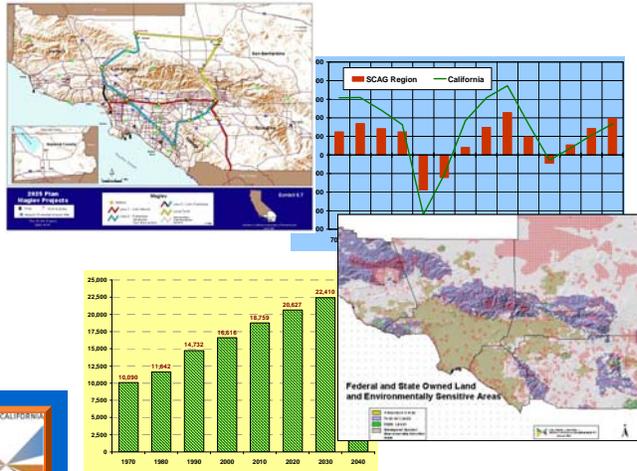


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SCAG Also Acts As

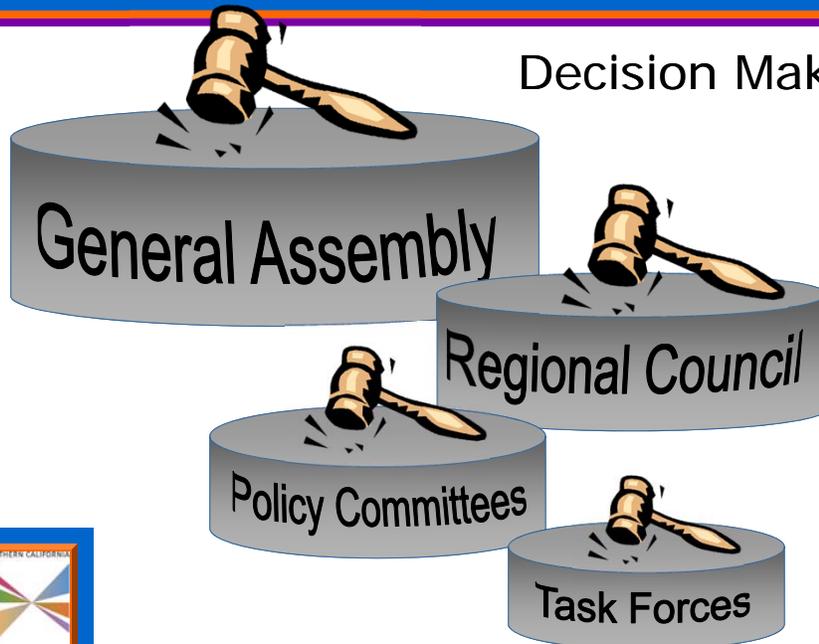
An Information Clearing House

Mapping
Growth Forecasting
Regional Statistics and Data



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Decision Making



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Makes All Decisions

- 77 Members
 - Elected Officials from 65 Districts
 - 7 County Representatives
 - 3 County Transportation Commission Representatives
 - 1 Member at Large
 - 1 Tribal Government Leader
-
- Receive Advice From Policy Committees



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Transportation & Communications Committee



Community, Economic & Human Development



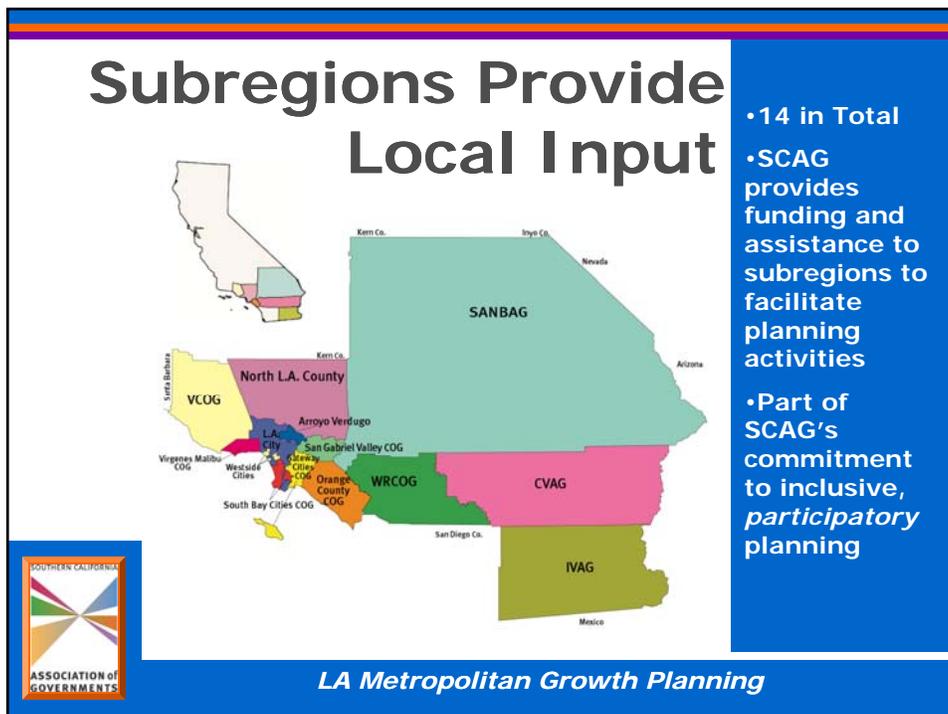
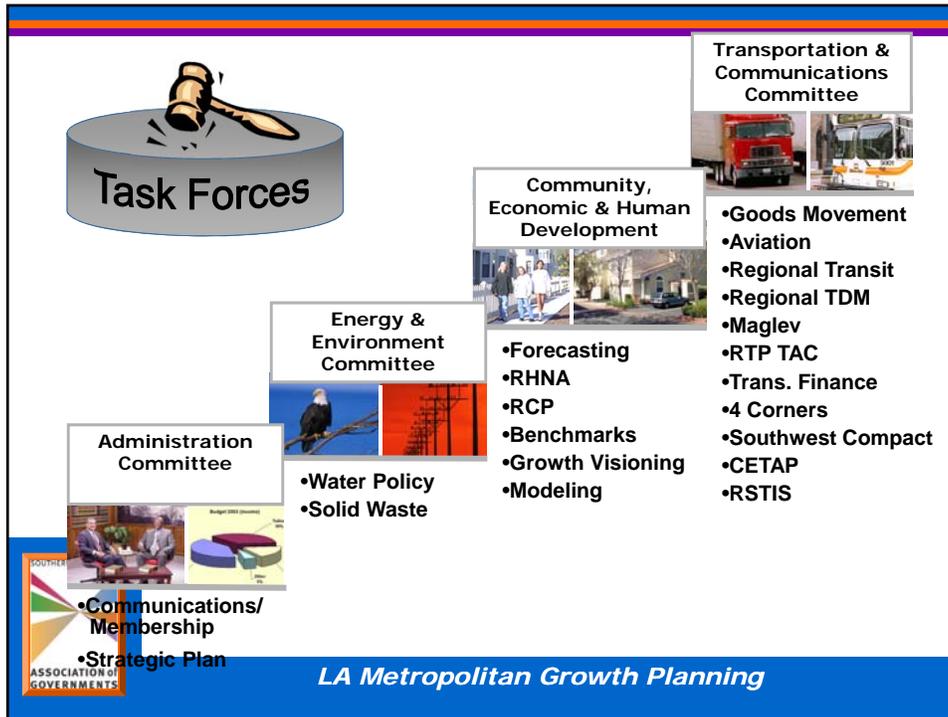
Energy & Environment Committee



Administration Committee



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SCAG's Focus Is On




**SCAG is a Voluntary
Membership Organization**



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Requires Close Collaboration with Partner Organizations

STATE

- Transportation (DOT/CTC/BT&H)
- Air Quality (CARB)
- Councils of Government (CALCOG)
- Housing (BT&H)

FEDERAL

- Highway (FHA)
- Transit (FTA)
- Aviation (FAA)
- Railroad (FRA)
- Environment (EPA)
- Housing (HUD)



LOCAL

- Transportation Commissions
- Air Quality Management Districts

COMMUNITY

- Subregions
- General Public Planning Orgs.
- Transportation Orgs.



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Activities Are Funded By



**Federal (81%) & State (2%)
Transportation and Other
Planning Grants, Local (14%)**



Membership Dues (3%)
Regional Council Activities
Annual General Assembly
Legislation Coordination



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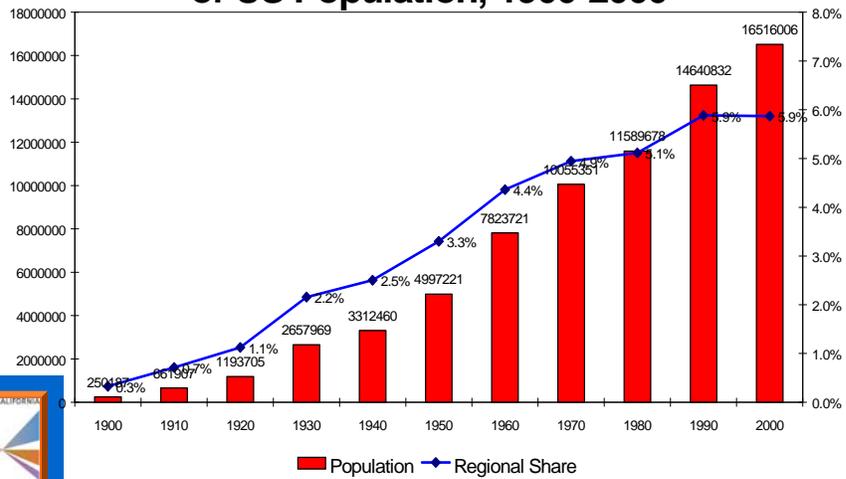
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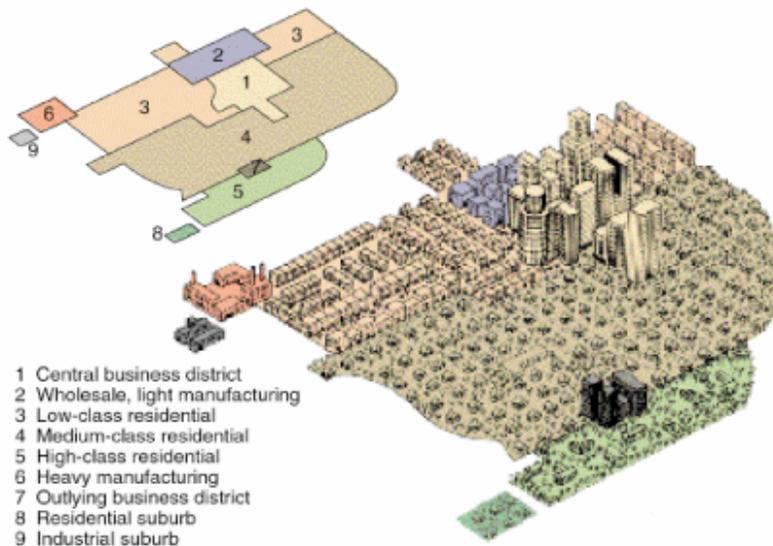
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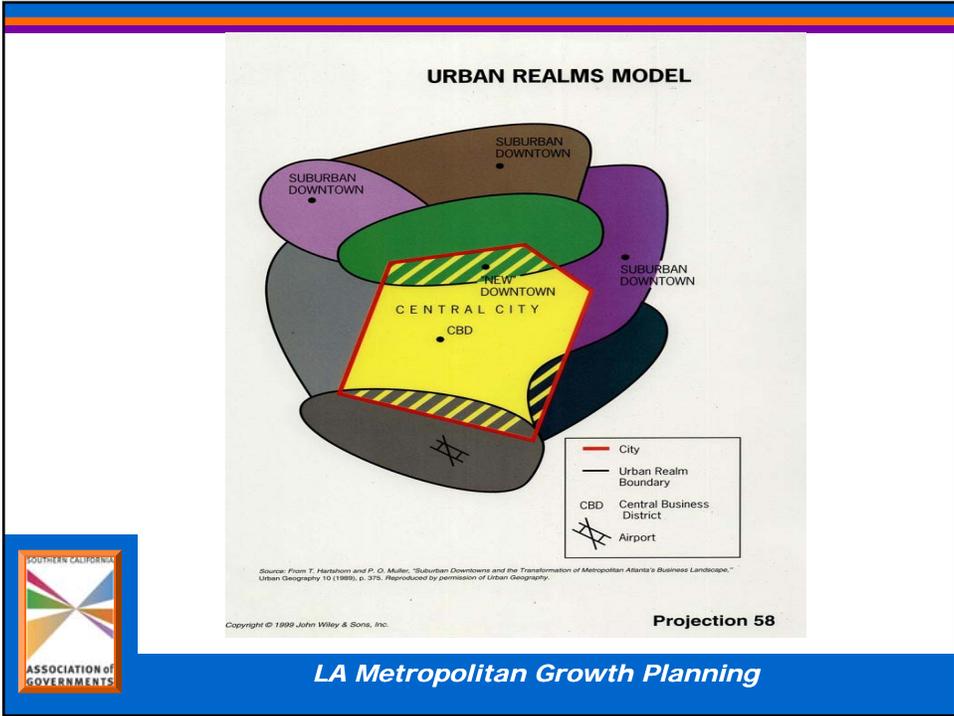
Regional Population & Regional Share of US Population, 1900-2000



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Multiple Nuclei Model



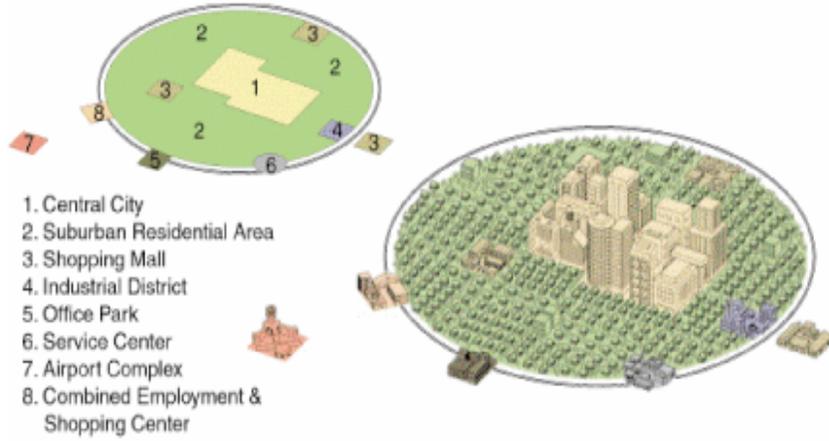


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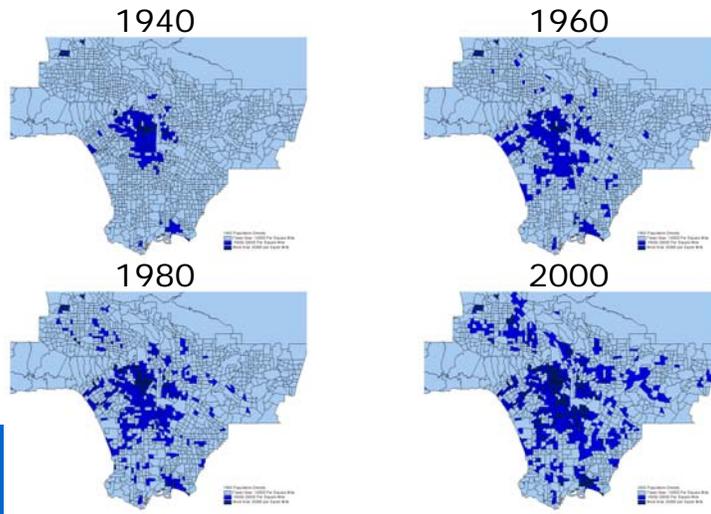


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Edge City Model

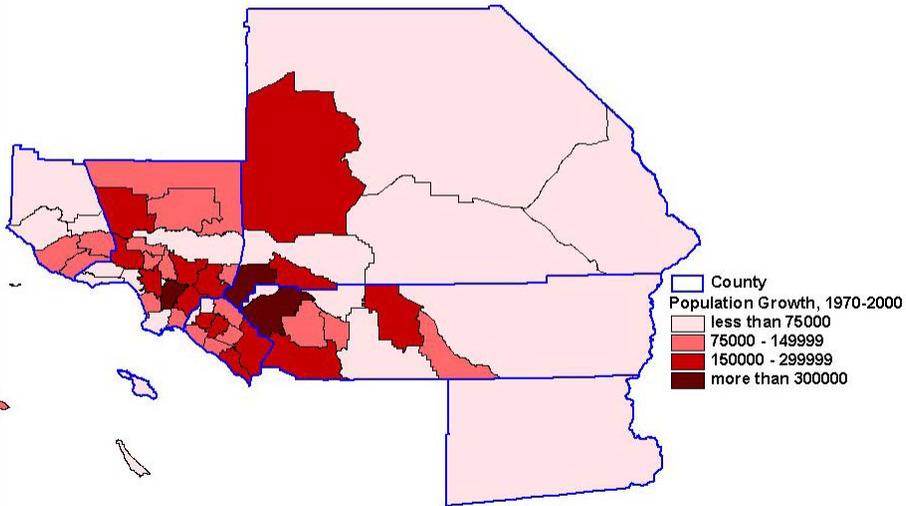


Population Density, 1940-2000



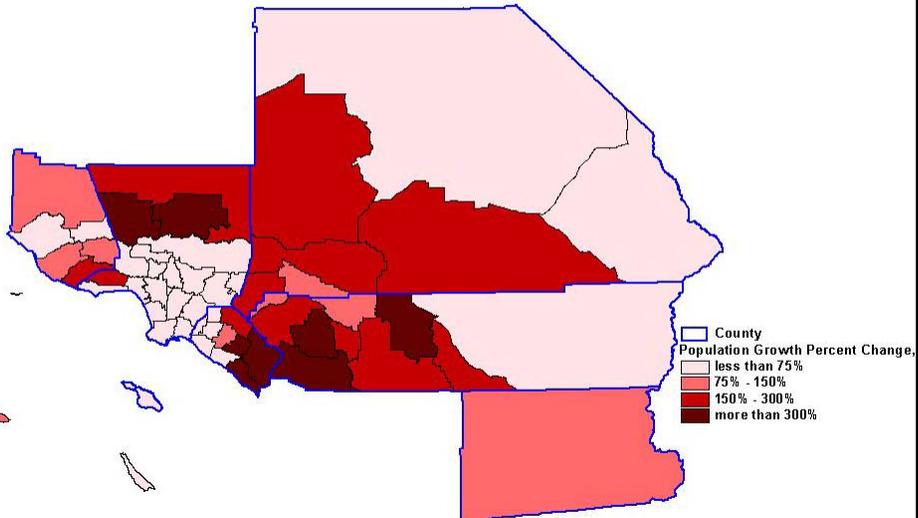
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Population Growth, 1970-2000



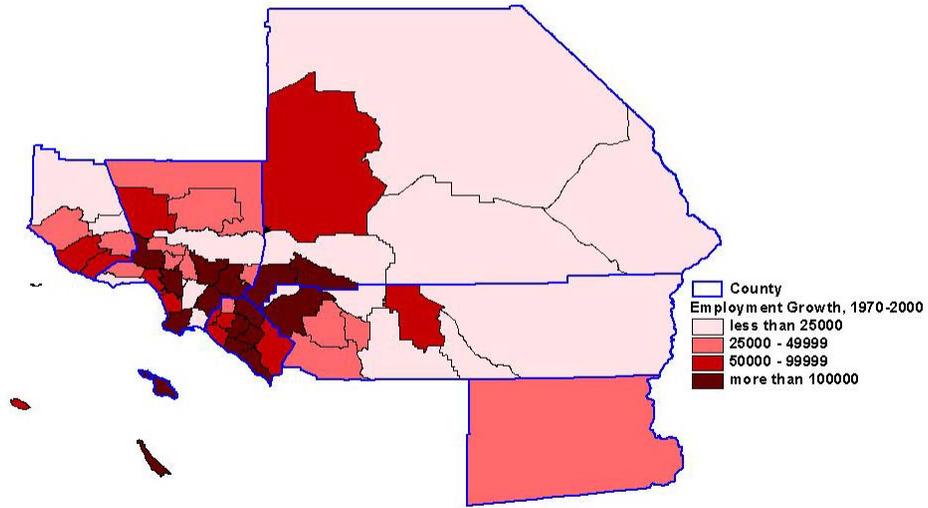
Top Three: Ontario, Riverside/Corona, East LA/South Gate

Population Growth Percent Change 1970-2000



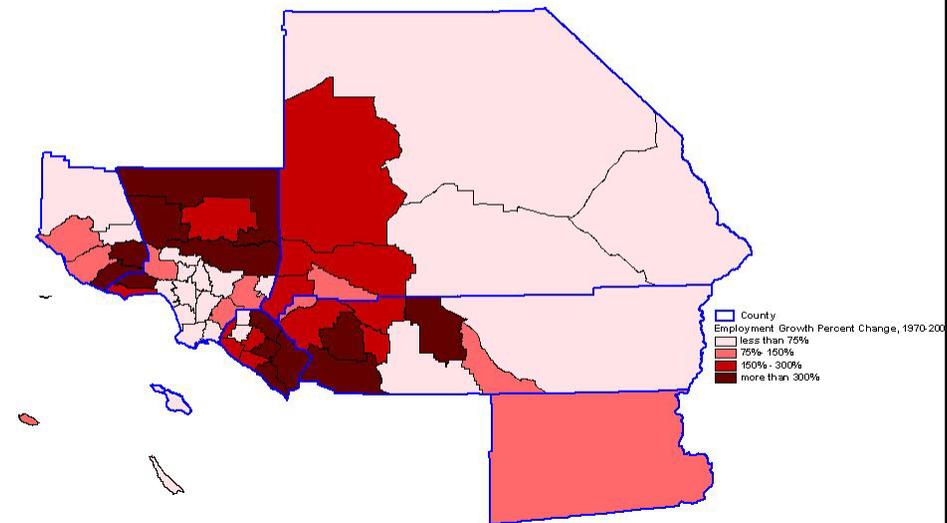
Top Three: Lake Elsinore/Temecula, SE Orange County, El Toro

Employment Growth, 1970-2000



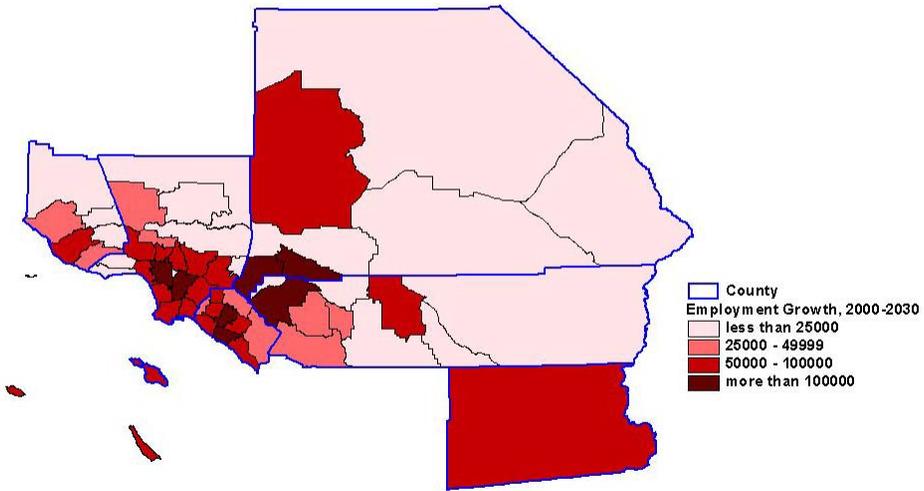
Top Three: Ontario, Santa Ana, Van Nuys

Employment Growth Percent Change 1970-2000



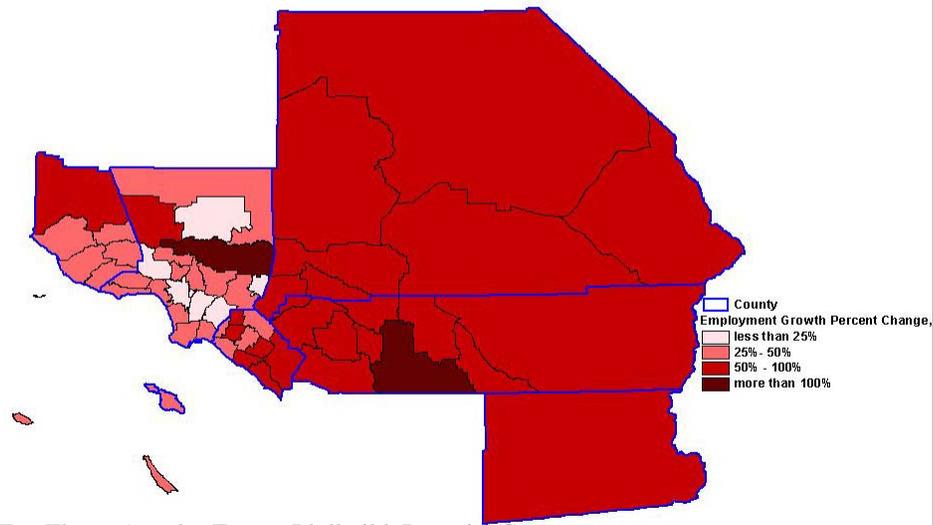
Top Three: SE Orange County, Yorba Linda, New Hall

Employment Growth, 2000-2030



Top Three: Ontario, Riverside/Corona, Santa Ana

Employment Growth Percent Change 2000-2030



Top Three: Angeles Forest, Idyllwild, Imperial County

Future Growth Trend

- The region will add 6 million people and 3 million jobs by 2030.
- The region will be aging. Natural increase and immigration will be the major components of growth
- The region will remain one of most diverse regions in the nation.
- A big change in the growth of industrial sectors will occur. The share of service sector jobs will increase, but the share of manufacturing jobs will decline.
- The suburbanization trend of growth continues.



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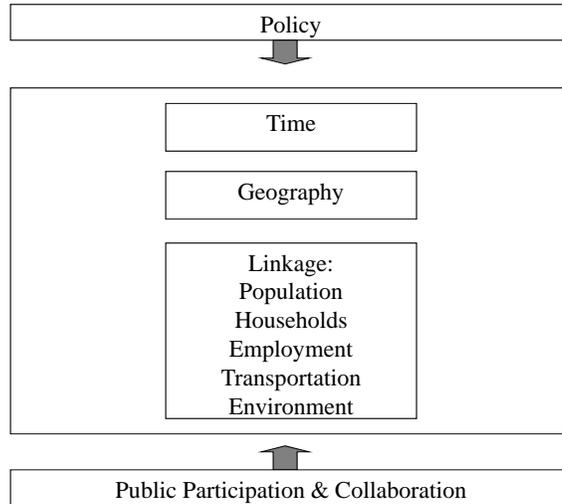
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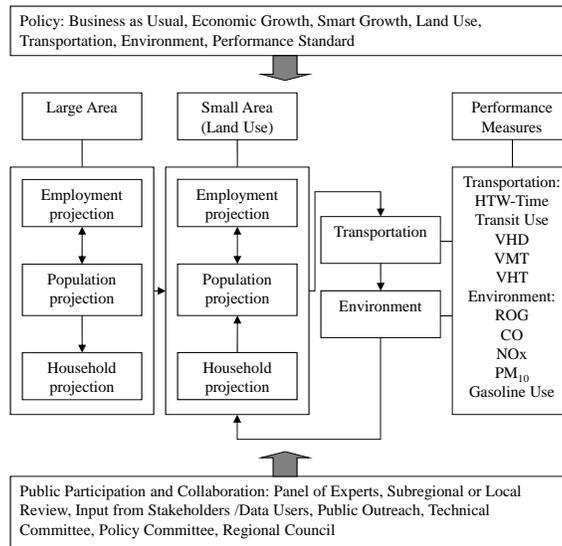
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Planning Process and Linkage

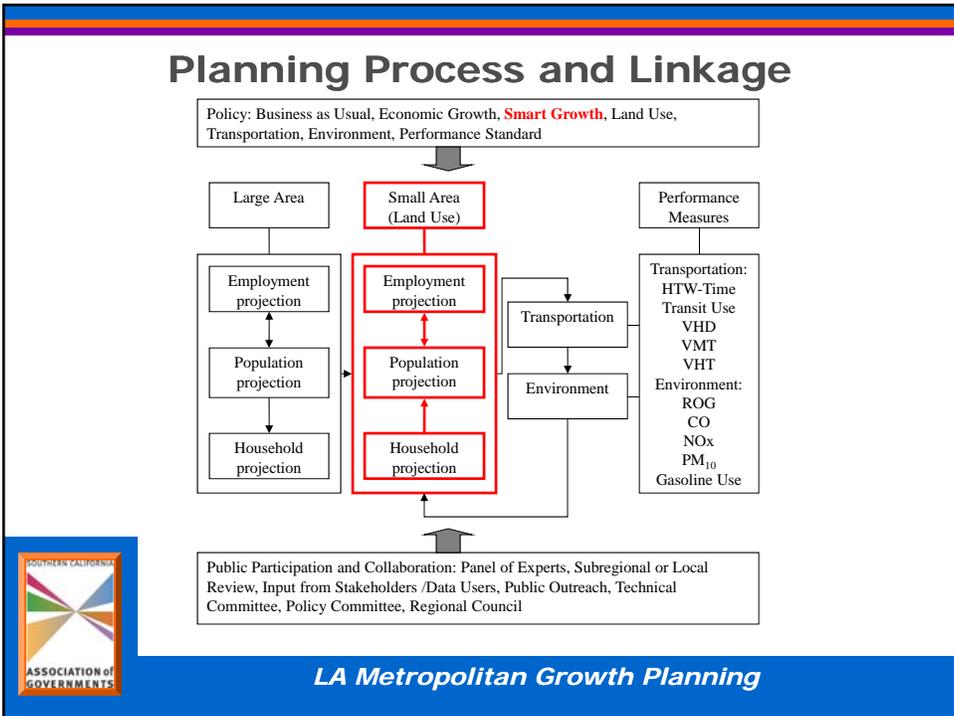
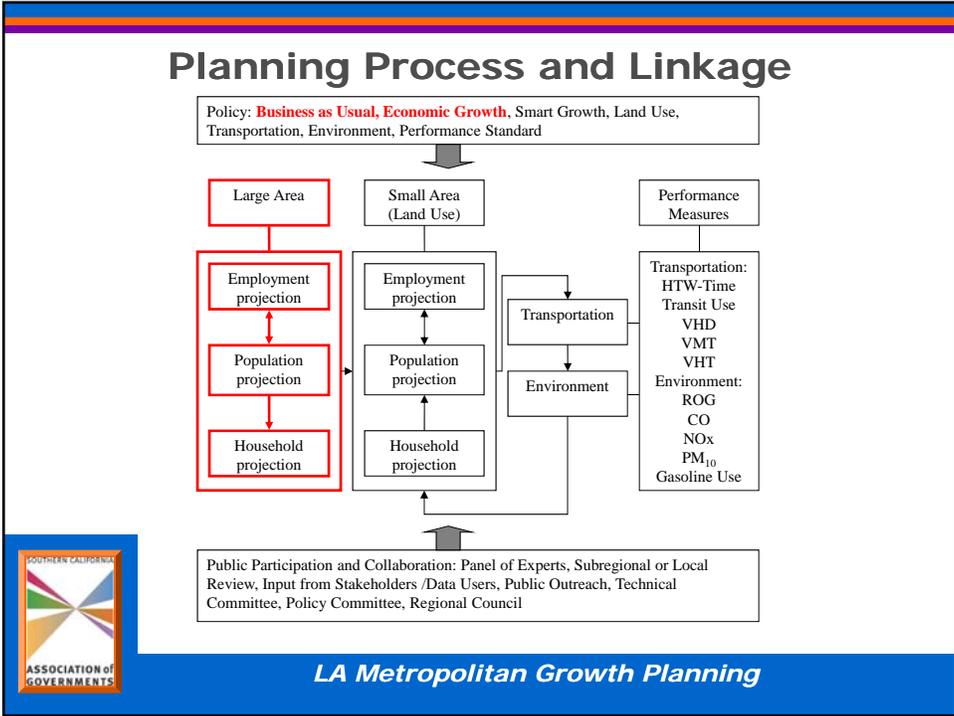


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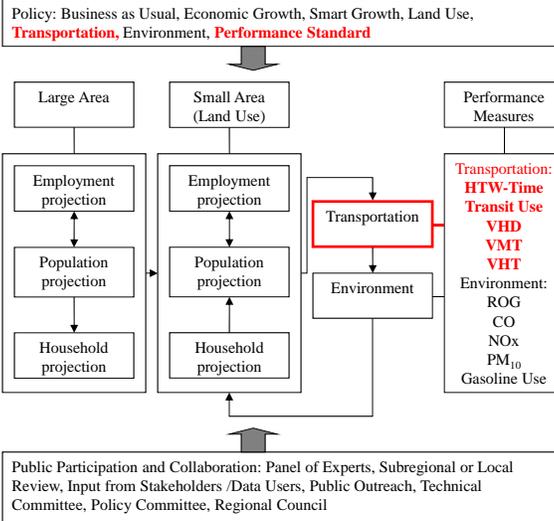
Planning Process and Linkage



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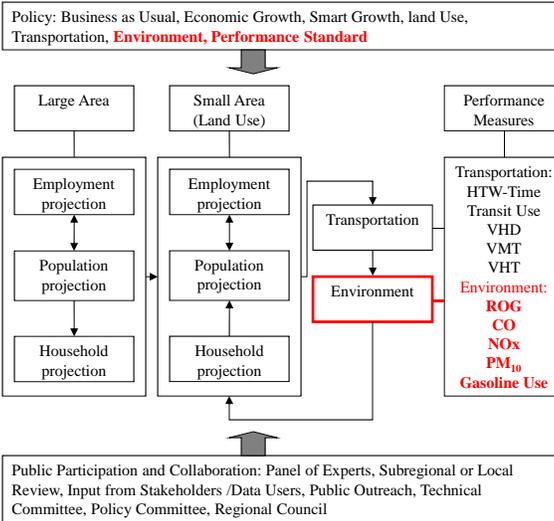


Planning Process and Linkage



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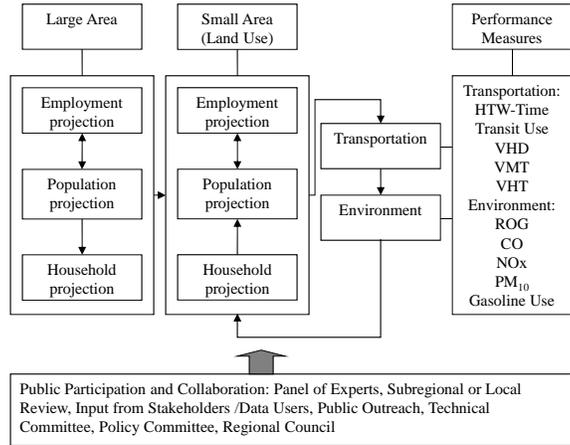
Planning Process and Linkage



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Planning Process and Linkage

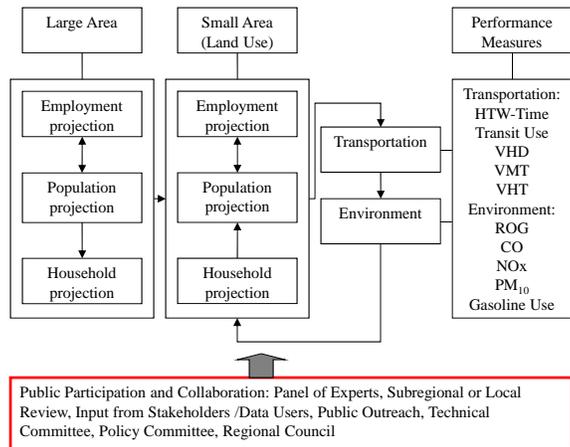
Policy: Business as Usual, Economic Growth, Smart Growth, Land use, Transportation, Environment, Performance Standard



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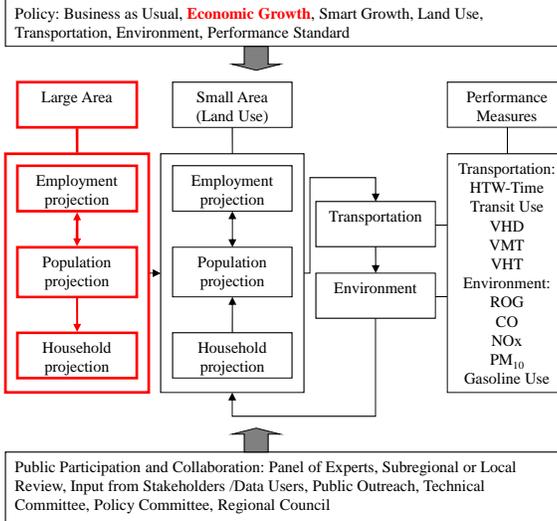
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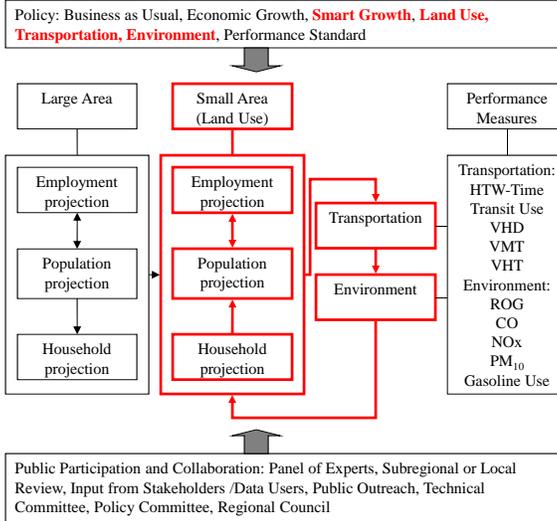
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Planning Process and Linkage



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Planning Process and Linkage



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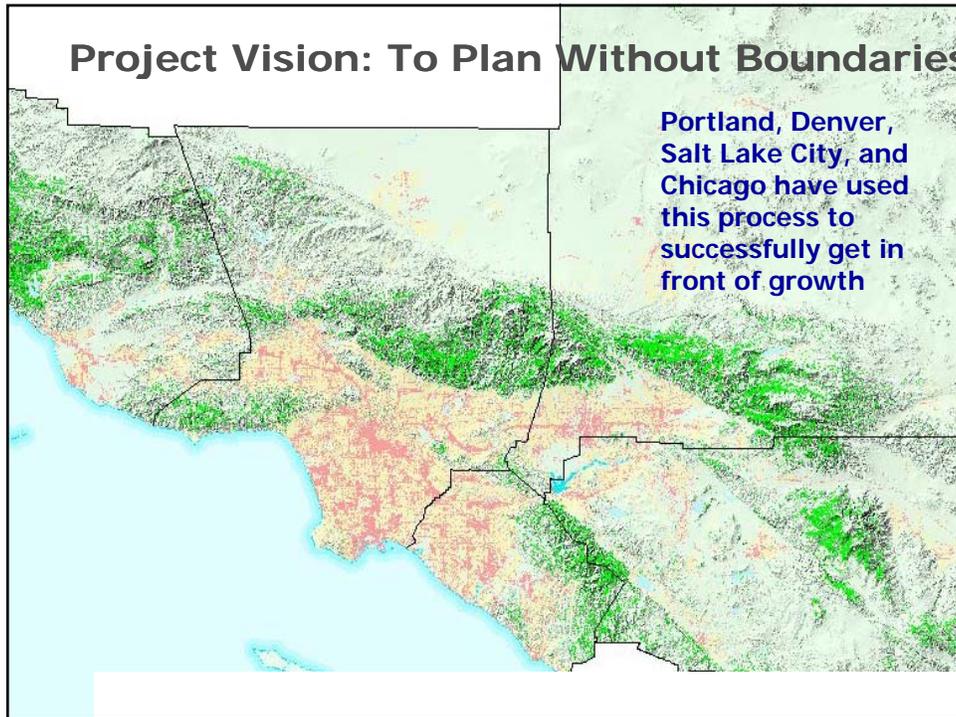
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Regional Initiative and Networking

- Growth visioning: Portland, Denver, Salt Lake City, and Chicago have used this growth visioning to successfully get in front of growth.
- Smart Growth Network (1996): the U.S. Environmental Protection Agency joined with several non-profit and government organizations to form the Smart Growth Network (SGN).



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Regional Visioning

- Survey
- Public Workshops



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Survey

- Concerns:
 - Traffic congestion (86%),
 - Air pollution (84%),
 - Water/grounded water pollution (83%)
- Policy options:
 - Planning for growth (78%),
 - High density newer neighborhoods with careful design (72%),
 - Redevelop blighted areas in existing neighborhoods (71%).



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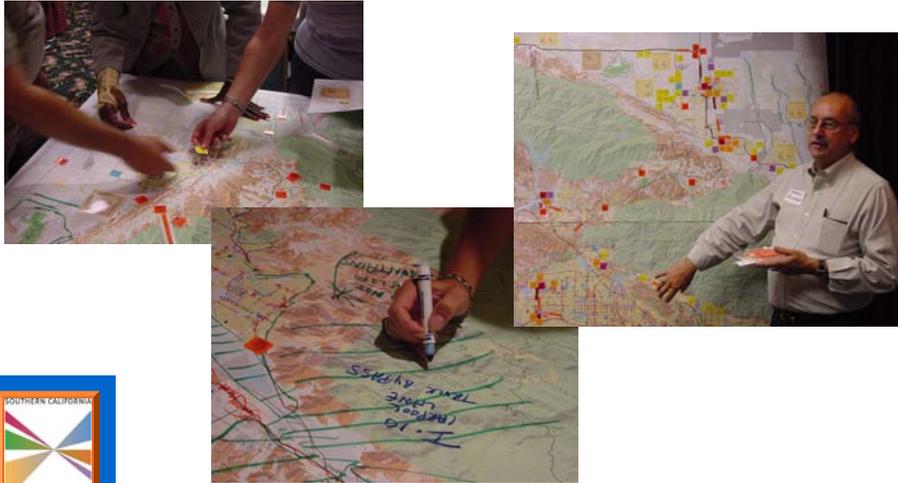
Public Workshops

- 13 workshops, more than 1000 participants
- Growth game: Participants build scenarios



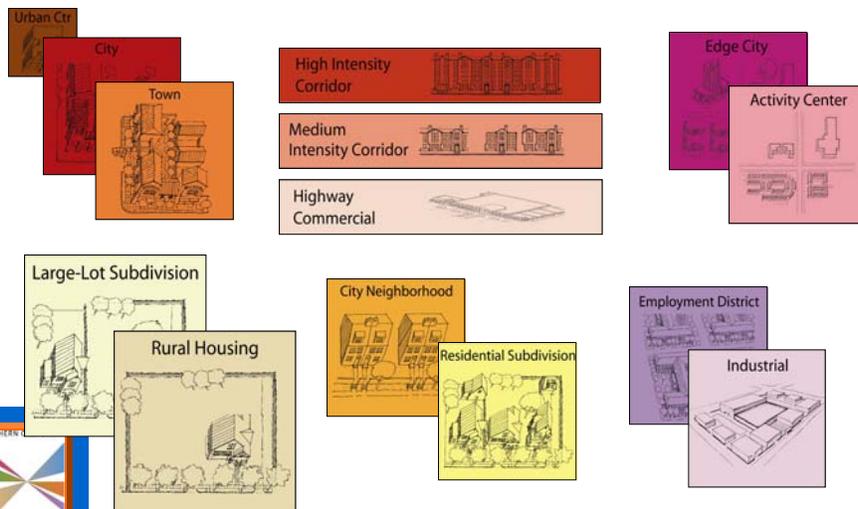
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Public Workshops: Participants build scenarios



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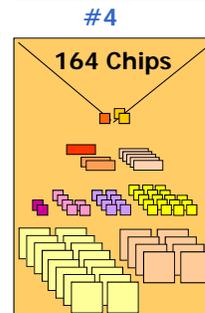
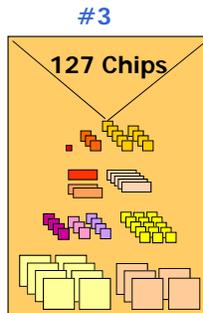
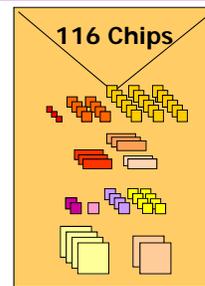
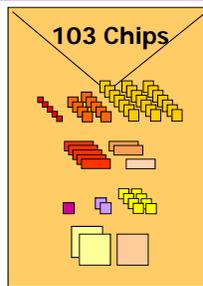
The Workshop Game Pieces



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The Workshop Exercise: Starter Chip Sets

Four different ways to accommodate projected growth for the region



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Public Workshops

- Presentations of alternative growth scenarios
- Analysis of scenarios established four overriding growth vision (compass blueprint) principles and **smart growth strategies**
- Positive result: demonstrated the importance of transportation corridors.
- Challenging issue: balance small area growth allocation with a regional perspective.



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Growth Vision Principles and Strategies

LIVABILITY



Promote infill development and redevelopment to revitalize existing communities

Promote mixed-use development

Promote walkable communities



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Growth Vision Principles and Strategies

PROSPERITY



Provide, in each community, a variety of housing types to meet the needs of all income levels

Support growth of industries that offer high-paying jobs and allow upward mobility

Ensure environmental justice



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Growth Vision Principles and Strategies

MOBILITY



Locate new housing near existing jobs and new jobs near existing housing

Encourage transit-oriented development

Promote a variety of travel choices



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Growth Vision Principles and Strategies

SUSTAINABILITY



Preserve rural, agricultural and environmentally sensitive areas

Focus development in urban centers

Develop strategies to accommodate growth that use resources efficiently, eliminate pollution and reduce waste



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Scenario Planning

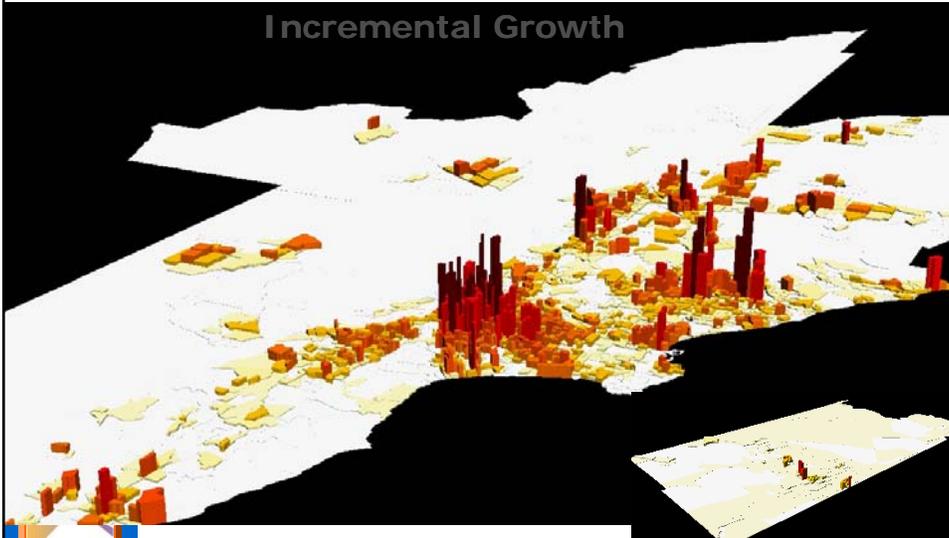
- Integrated land use – transportation analysis
- Two “Bookends” along with several traditional scenarios
 - PILUT 1 – Infill Scenario
 - PILUT 2 – Fifth Ring Scenario
- “Growth Vision” Scenario – Built From:
 - Survey
 - Public Workshops
 - PILUT Scenarios



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PILUT 1 Scenario

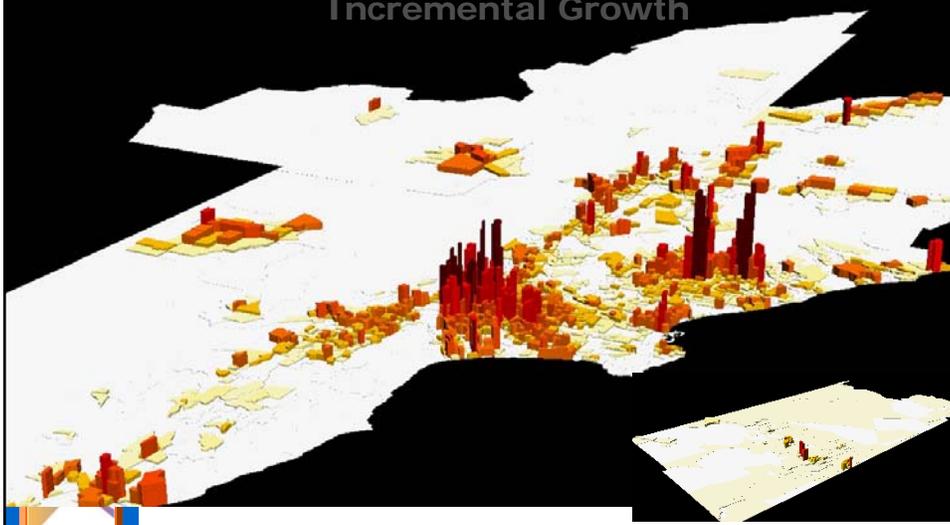
Incremental Growth



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PILUT 2 Scenario

Incremental Growth



ASSOCIATION of GOVERNMENTS

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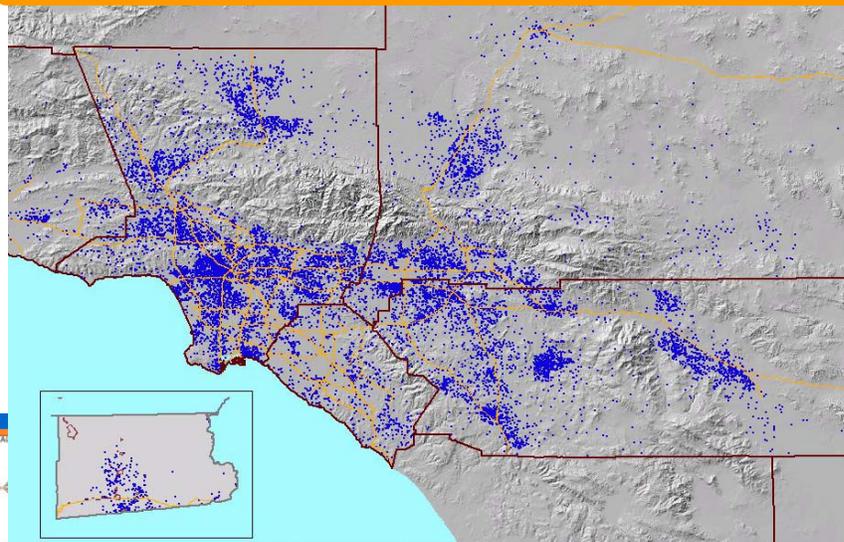
Benefits of Smart Growth on TAE Measures

TAE Measures	Baseline*	Smart Growth**	Change***	% Change****	Benefits of Smart Growth*****
Transportation					
Transit (Person Trips) (millions)	1.49	2.22	0.73	48.8%	24.2%
Avg Trip Length: Home-to-Work Travel Time (minutes)	25.9	20.6	-5.3	-20.5%	15.3%
Vehicle Miles Travelled (VMT) (millions)	488.76	459.69	-29.07	-5.9%	29.7%
Vehicle Hours Travelled (VHT) (millions)	15.36	13.09	-2.27	-14.8%	16.3%
Vehicle Hours Delay (VHD) (millions)	3.69	2.13	-1.56	-42.2%	11.9%
Air Quality (tons)					
ROG	87.3	82.1	-5.2	-5.9%	39.2%
CO	659.3	608.2	-51.2	-7.8%	26.0%
NOx	135.9	133.6	-2.3	-1.7%	64.2%
PM ₁₀	24.4	22.4	-2.0	-8.2%	23.4%
SOx	3.0	2.8	-0.2	-6.8%	25.0%
Energy Consumption (1000 gallons)					
Gasoline	24569	22364	-2206	-9.0%	22.6%

ASSOCIATION of GOVERNMENTS

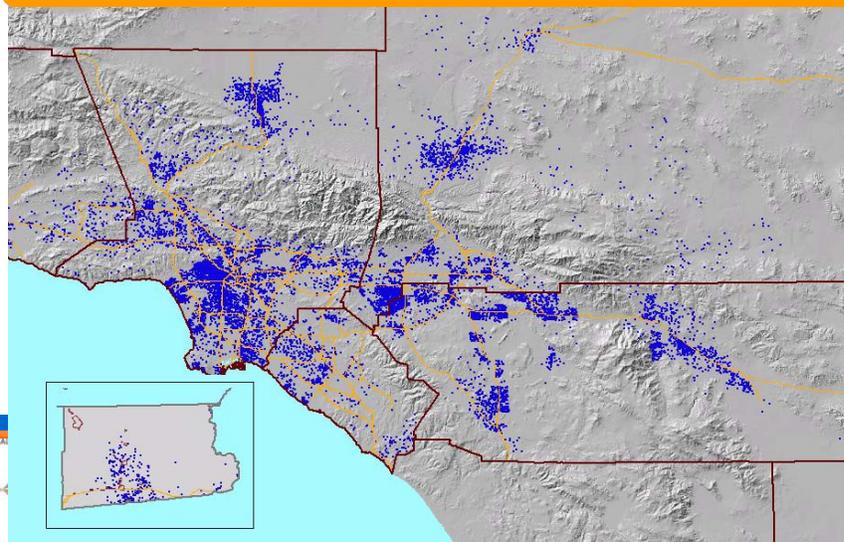
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Household Growth 2010-2030 (without Growth Vision)



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The 2004 SCAG Regional Transportation Plan

Household Growth 2010-2030 (with Growth Vision)



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The 2004 SCAG Regional Transportation Plan

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Intergovernmental Review (IGR)

- Regional Clearinghouse for review of all submitted plans, plan changes, projects and programs for consistency with adopted regional plans and policies.



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Demonstration Projects

- Target “Growth Opportunity Areas” as portrayed in the *Compass Blueprint*
- Demonstrate local benefits of development consistent with regional goals
- Demonstrate cooperation with other local governments
- Promote replicability throughout the region



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Suite of Services

- | | |
|---|--|
| <ul style="list-style-type: none">• Tipping Point Analysis• Redevelopment Strategy• Small Site workshops• Urban Design Solutions• Google Earth Simulations• Development of Code Amendments | <ul style="list-style-type: none">• Public Involvement• Photo Simulations• Economic Development Strategies• Transit Studies• Parking Analysis• LA Lots• Funding Strategies |
|---|--|



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Compass Blueprint Awards: President's Excellence Award

- **City of Pasadena Central District Specific Plan:** "Pasadena is a leader in promoting innovative planning and development. The Central District Specific Plan is an example of how a community can implement Compass Blueprint by targeting future growth into key activity centers and transportation corridors, and encourage land use and growth patterns that complement the region's transportation investments."



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Compass Blueprint Awards: Distinguished Leadership Award

- **City of Riverside General Plan 2025 Program:** "The City of Riverside is one of the region's leading proponents of Compass Blueprint Principles for enhancing transportation and housing choices to meet the needs of a growing and increasingly diverse population in the Inland Empire. Built on Compass Blueprint and smart growth principles, Riverside's General Plan 2025 Program is not only an antidote to urban sprawl, but the epitome of neighborhood livability."



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Compass Blueprint Awards: Visionary Planning for Livability Award

- **City of Azusa General Plan and Form-Based Development Code**: "The City of Azusa's General Plan and Development Code is an excellent example of the Compass Blueprint Livability Principle. The Plan provides a blueprint for transforming Azusa, from a down on its luck blue collar community to a model of 21st century livability."



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Compass Blueprint Awards: Visionary Planning for Prosperity Award

- **City of Irvine Housing Strategy**: "Irvine demonstrates the Compass Blueprint Prosperity Principle by planning for a full spectrum of housing throughout the community, even in the Irvine Business Complex (IBC), an area where market prices are extremely high. If more cities used similar strategies for affordable housing, it would have a profound effect on the entire region's prosperity."



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Compass Blueprint Awards: Visionary Planning for Mobility Award

- **City of Rialto Downtown Vision and Strategic Plan:** "The Downtown Rialto Strategic Plan is a targeted, realistic and strategic approach to implementing the Compass Blueprint Mobility Principle. The Plan improves mobility through transportation improvements, clustering of jobs and housing, transit oriented development and a variety of travel choices for everyone who lives, works in or visits the area."



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Compass Blueprint Awards: Visionary Planning for Sustainability Award

- **SE Corporation & City of Corona Dos Lagos:** "The SE Corporation and the City of Corona promote sustainability for future generations in Dos Lagos by preserving environmentally sensitive areas and by providing leadership in energy and environmental design. Dos Lagos is a model for how communities can implement the Compass Blueprint Sustainability Principle through the use of green development techniques."



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Conclusions: Strengths

- Collaborative and Participatory active and meaningful
- Representative
- Consensus builder
- Scenario/Performance based
- Financially constrained
- Integrated... land use, transportation, environment



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Conclusions: Strengths

- Balance of Planning and Development
- Regional visioning process and blue print implementation are effective as an educational and learning tool



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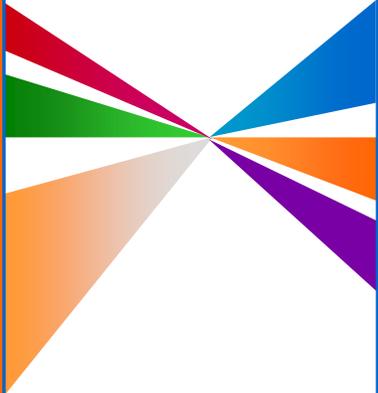
Conclusions: Weaknesses

- No regulatory power
 - Smart growth implementation strategies (2% strategies) play a decisive role in future urban form.
- County approach
- Urban form effects of smart growth are small
 - Sprawl continues with smart growth.
 - Vision seems an extension (a slight modification) of baseline trends with local visions.
 - Smart growth is “small scale”



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SOUTHERN CALIFORNIA



ASSOCIATION of
GOVERNMENTS

Thank You

www.scag.ca.gov