The SCAG Region

- Nation’s Largest Metropolitan Planning Organization (MPO)
- 38,000 Square Miles
- Nation’s Global Gateway for Trade
- Develops the Region’s Long-Range Transportation Plan (RTP/SCS)
SCAG Regional Issues

TRANSPORTATION
GOODS MOVEMENT
HOUSING
AIR QUALITY

SCS/LAND USE
FUNDING
LONG TERM GROWTH FORECAST
WATER
# Regional Housing Challenges

<table>
<thead>
<tr>
<th>Causes</th>
<th>Strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lack of fiscal incentives to increase housing supply:</strong></td>
<td>• Establish a permanent source of housing funding</td>
</tr>
<tr>
<td>• Death of redevelopment funds</td>
<td>• Combine housing funding efforts with funds dedicated toward parks, employment, or other community needs</td>
</tr>
<tr>
<td>• Reluctance to rely on general obligation bonds</td>
<td>• Increase use of CRIAs and EIFDs</td>
</tr>
<tr>
<td><strong>Regulatory and other barriers to development:</strong></td>
<td>• Encourage all types of housing development and different products (e.g., workforce housing, small lots, etc.)</td>
</tr>
<tr>
<td>• Adds costs to each housing unit developed</td>
<td>• Support legislation that encourages more local options, such as accessory dwelling units</td>
</tr>
<tr>
<td>• Uncertainty during the development process</td>
<td>• Streamline the local permitting process</td>
</tr>
<tr>
<td><strong>Community opposition to development:</strong></td>
<td>• Educate stakeholder groups</td>
</tr>
<tr>
<td>• Perception of change to community’s character</td>
<td>• Connect housing goals with local General Plan goals</td>
</tr>
<tr>
<td>• Concerns about traffic and safety</td>
<td>• Housing as infrastructure</td>
</tr>
<tr>
<td></td>
<td>• Partner with organizations sharing common goals</td>
</tr>
</tbody>
</table>
Cap & Trade in Southern California

WITH GGRF

$119M Housing

$276M Rail

$37M Transit

$108M EVs

WITHOUT
Go Human Campaign

Advertising Campaign

Toolkits/Trainings

Open Streets & Temporary Events
RTP/SCS Highlights

• Strategic Investments to Relieve Congestion

• Rail Expansion

• Goods Movement/Logistics Industry Investment

• Increased Active Transportation Options

• Strengthens the Health of Our Communities

• Economic Development (Jobs)
## 2016 RTP/SCS Financial Plan

$556.5 Billion (in nominal dollars)

### TOTAL REVENUE

- **$254.7 Billion** Core Local
- **$64.2 Billion** Additional Local (e.g. Highway, Tolls, Ventura County Sales Tax Measure)
- **$37.7 Billion** Core Federal
- **$63.8 Billion** Core State

### TOTAL EXPENDITURES

- **$250.9 Billion** Capital Projects
- **$156.7 Billion** O&M State Highways
- **$65.3 Billion** O&M Regionally Significant Local Streets & Roads
- **$30.7 Billion** Debt Service
- **$15.7 Billion** O&M Passenger Rail

*Note: Numbers may not sum to total due to rounding*
Passenger Rail and Transit - 1920
Passenger Rail and Transit - 1990
Passenger Rail and Transit - 2012

Light and Heavy Rail Extensions

Bus Rapid Transit Expansion

Metrolink/LOSSAN Upgrades
Passenger Rail and Transit - 2040

Light and Heavy Rail Extensions

Bus Rapid Transit Expansion

Metrolink/LOSSAN Upgrades
“If you don’t cannibalize yourself, someone else will.” – Steve Jobs
# The New Customers: Millennials

<table>
<thead>
<tr>
<th>Who are they?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 15 – 35 year-olds</td>
</tr>
<tr>
<td>• Expected to be largest buying cohort by 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What do they want?</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Smaller footprint → Sharing Economy</td>
</tr>
<tr>
<td>• Convenience → Internet of Things</td>
</tr>
<tr>
<td>• Health and Sustainability → Big Data</td>
</tr>
</tbody>
</table>

Source: The Westly Group
Governing For The 21st Century

Sharing Economy
- 21st century employment laws

Internet of Things
- Prepare for driverless vehicles

Big Data
- Longitudinal student test data

Source: The Westly Group
Sharing Economy – Impacting Every Industry

- Hotels
  - Hilton
  - Airbnb

- Transportation
  - Uber

- Finance
  - Bank of America
  - Lending Club

More to come...

100k companies and counting

Source: The Westly Group
The Connected Home

The largest companies in the world are taking over your home

*Why did Google pay so much for this company?

Source: The Westly Group
Big Data Is Revolutionizing Every Industry

"Information is the oil of the 21st century, and analytics is the combustion engine." -- Peter Sondergaard of the Gartner Group

Source: The Westly Group
## Big Data Is Revolutionizing The Auto Industry

### Why do we need these things?

- Reduce auto fatalities 90%
- Reduce congestion → pollution
- Provides access for seniors and disabled

### Coming faster than you think...

- **Google**
  - 30 Lexus’ on the road *today* (top)
  - Now producing 100 of their own (bottom)
- **Apple**
  - Auto division expanded from 600 to 1,800
  - Planning electric car with self-driving features in 2019
- **Tesla**
  - Self-driving features launched Oct. 2015
  - 2016 cars park themselves with your iPhone

*Source: The Westly Group*
Population Shifts

**Average Annual Population Growth Rate**

- 2.6% for California
- 0.9% for the United States
- 0.7% for the SCAG Region

**Changes in Ethnic Composition of Population**

<table>
<thead>
<tr>
<th>Year</th>
<th>Asian &amp; Others*</th>
<th>African American*</th>
<th>Hispanic</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>15%</td>
<td>7%</td>
<td>45%</td>
<td></td>
</tr>
<tr>
<td>2040</td>
<td>19%</td>
<td>5%</td>
<td>53%</td>
<td></td>
</tr>
</tbody>
</table>

**More Baby Boomers Will Age & Retire**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>1980</th>
<th>1990</th>
<th>2010</th>
<th>2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 15</td>
<td>22%</td>
<td>23%</td>
<td>21%</td>
<td>18%</td>
</tr>
<tr>
<td>15-64</td>
<td>67%</td>
<td>67%</td>
<td>68%</td>
<td>64%</td>
</tr>
<tr>
<td>65+</td>
<td>11%</td>
<td>9%</td>
<td>11%</td>
<td>18%</td>
</tr>
</tbody>
</table>

* Source: US Census Bureau, CA DESS, SCAG

**Growth Projections 2012 & 2040**

- Population: 22.1 million
- Employment: 9.9 million
- Households: 7.4 million

Source: CA DEEDS
Change in the Percentage of Trips by Non-Automobile Modes

Source: 2001 and 2009 National Household Travel Survey

Generation Gap...

"Haven't you young people found jobs, yet?"

"Hurry it up! Someone needs to keep funding our Social Security and Medicare."

© 2011 Horsley NewsPix
Millennials and Education

What type of transportation, housing and job options are the Millennials looking for?

For answers, please visit the RTP/SCS website:
http://scagrtpscs.net
10,000

Roughly 10,000 Baby Boomers will turn 65 today, and about 10,000 more will cross that threshold every day for the next 19 years.

*Pew Research Center. 2010
Age 65+ Population Growing
Impact on Workforce, Health Care Services

But, Finance Pressures on Pension & Health Care vs. Infrastructure?

The graph illustrates the financial pressures on pensions, health care, and other categories. It shows the distribution of spending across different age groups and categories. The categories include Social Security, Public Education, and Health Care, with a focus on other retirement and all other public transfers.

The graph highlights the significant increase in spending on Health Care for older age groups, particularly those 85 and above. This indicates a rising financial burden on pension and health care systems compared to infrastructure investment.
OH, YOU’RE A BABY BOOMER?

PLEASE TELL ME MORE ABOUT HOW TERRIBLE MY GENERATION IS
Thank you!
Learn more by visiting http://www.scag.ca.gov