

## Kome Ajise

Director of Planning Southern California Association of Governments



### SCAG



Nation's largest Metropolitan Planning Organization (MPO)

Governed by a Regional Council of 84 elected officials

Nation's Global Gateway for Trade

• Recently adopted the 2016-2040 RTP/SCS

COUNTIES

48.1%
STATE POPULATION

**SCAG Facts** 

191

5.8%
U.S. POPULATION











**Source: The Westly Group** 

# **SCAG Regional Issues**





**TRANSPORTATION** 



SCS/LAND USE



**GOODS MOVEMENT** 



**FUNDING** 



HOUSING



LONG TERM GROWTH FORECAST



WATER

# 2016 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)











## Plan Performance Results



Spending Less Time on the Road

### 20.5 miles

average daily vehicle miles driven per person



7.4%

### **9.2 mins**

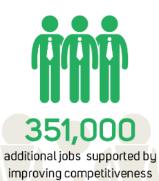
daily delay per capita (extra time spent in traffic)



39%

More Economic Opportunities





### Efficiency Cost Savings

HOUSEHOLD COSTS (transportation/energy/water use)

\$14,000/yr



REDUCTION IN BUILDING ENERGY COSTS





PASSENGER VEHICLE FUEL USE





### Improved Air Quality



ROG

49.1TONS

**45.0 TONS 49% 307.7 TONS** 



96.4 TONS

**19**%

88.2 TONS



:C≡0:

CO

338.6 TONS

PM2.5

13.3 TONS

**₽5**%

12.6 TONS

**GHG**REDUCTIONS

2020

**■ 8%** 

2035

**18%** 

2040

**21%** 

## 2016 RTP/SCS Financial Plan





Note: Numbers may not sum to total due to rounding

## **21st Century Government**



**Sharing Economy** 

21<sup>st</sup> century employment laws



**Internet of Things** 

Prepare for driverless vehicles



**Big Data** 

Identify issues and new solutions



**Source: The Westly Group** 

## **Future Communities Framework**







## **SCAG's Future Communities Initiative**

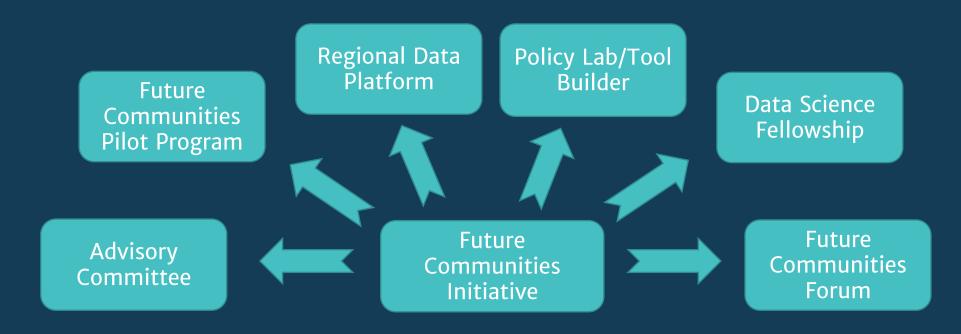


## Communities within the SCAG Region:

- ~70% have limited or minimal staff resources to analyze data
- 43% have no in-house GIS services
- 84% share data through direct communications

## **SCAG's Future Communities Initiative**





### **Initiative Framework**

- SCAG has launched a 3-year, \$8 m initiative to advance priority projects
- The initiative will leverage public/private funds, including \$4.5 M in SCAG resources
- Projects will be administered by SCAG leveraging existing relationships and programs with cities/counties

## **Future Communities Pilot Program**



Applying Big Data and Data Analytics to City Services (Approximately \$2.7 Million)

- Phase 1 Promising Practices Research
- Phase 2 Call for Projects Fall 2018
- Phase 3 Pilot Project Implementation
- Phase 4 Evaluation and Final Report





## **Regional Data Platform**



# TECHNOLOGY

PEOPLE

PROCESS

### DATA COLLECTION

### DATA COMMUNICATION

### KNOWLEDGE & ACTION

Collect accurate relevant data About Southern California



Automate, visualize, and distribute insights via dashboards with good story-telling



Technology that drives beneficial action across campaigns & content



Conduct trainings to ensure that people are empowered to utilize the platform



Interpretation of data into actionable insights and knowledge



Foster citizen engagement



Enable users to improve the platform through data revision and insight sharing



Empower local partners to use the platform for local initiatives

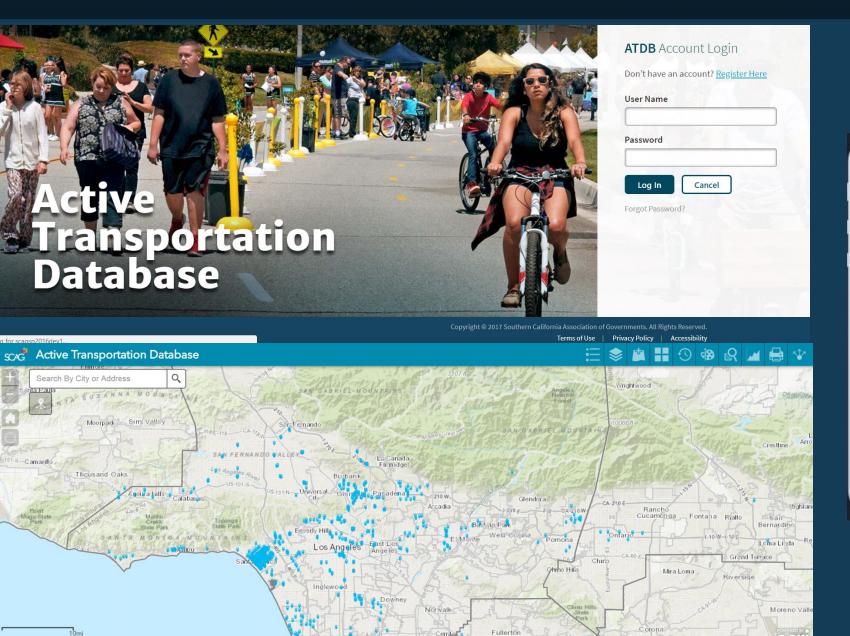


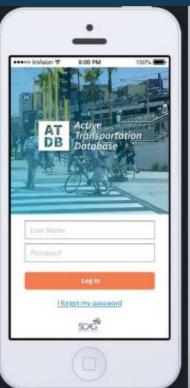
Continuous result-oriented experimentation and innovation



## **Active Transportation Database**



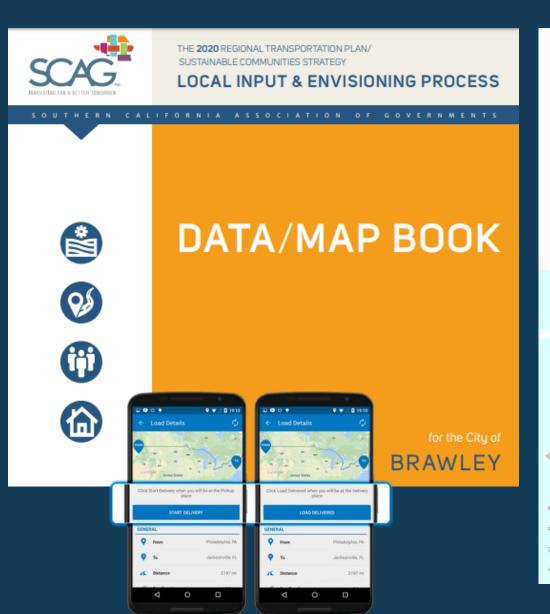


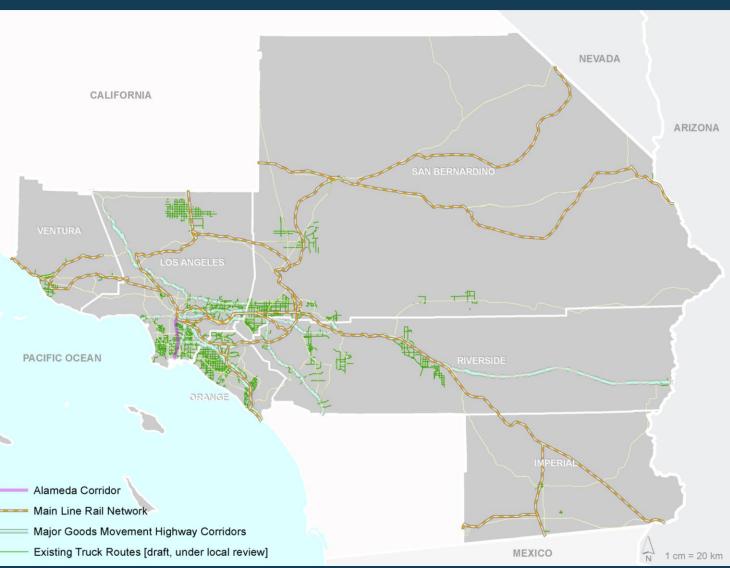




## **Partnerships for Local Data Refinement**







## Tax Increment Financing for Sustainable Infrastructure





**Industrial Structures** 



Aff. Housing / Mixed Use



**Transit Priority Projects** 



Wastewater/Groundwater



Light / High Speed Rail



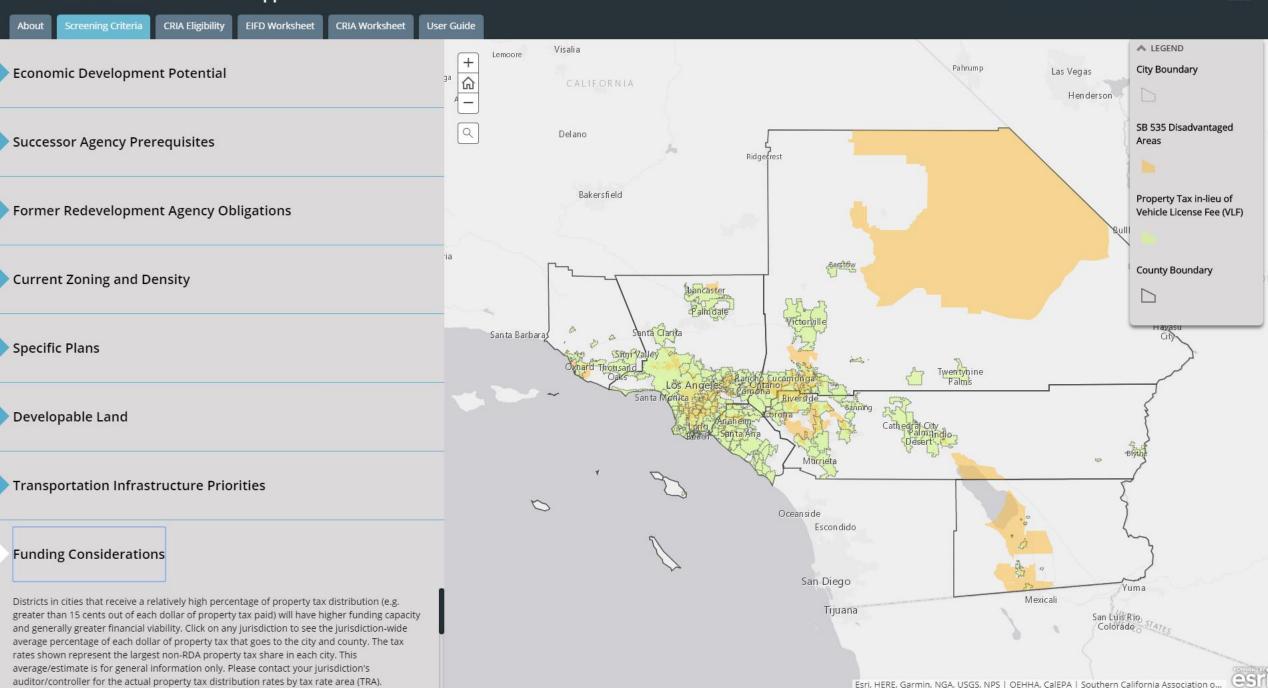
Civic Infrastructure



Types of Projects EIFDs and CRIAs Can Fund Parks & Open Space Childcare Facilities



**Brownfield Remediation** 



Esri, HERE, Garmin, NGA, USGS, NPS | OEHHA, CalEPA | Southern California Association o...

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# Mapping Transit Supportive Measures in Southern California



Southern California will be facing new challenges in the coming decades as our population continues to grow and people choose different places to live and more efficient ways to get around. As technology transforms many aspects of our everyday lives, new strategies can emerge to help provide residents with efficient and plentiful public transit, abundant and safe opportunities to walk, bike and pursue other forms of active transportation, and preserving more of the region's remaining natural lands for people to enjoy.

This project aims to identify and map transit-supportive features in local neighborhoods that help people better access transit and safely walk and bike in their communities. The programs and policies that will be mapped for this project fall into five general categories that influence the shape, the look, feel, and economic resources for neighborhoods:



### **Affordable Housing**

- · Community Land Trusts
- · Joint Public/Private Affordable Housing Developments



### **Transportation and Parking**

- Bicycle Sharing Programs
- · Bicycle Stations or "Hubs"
- · Car-Sharing Parking Sites
- · Areas with Reduced Parking Minimums and Maximums



### **Urban Design**

- · Historic Preservation Districs



### **Land Use Planning**

- Corridor Plans
- · Zoning Overlays



### **Special District**

- Infrastructure Financing Districts
- Business Improvement Districts
- · Parking Management Districts

- Community Design Overlays

These selected strategies have been identified by the Los Angeles County Metropolitan Transportation Authority's (Metro) Transit Supportive Planning Toolkit, which includes a wide range of policy and regulatory tools that have been successfully implemented throughout Southern California and across the State. They are well supported and backed up with case studies identifying how their implementation can improve neighborhoods and help reduce the number of vehicles on the road contributing to traffic congestion.



### Your Data

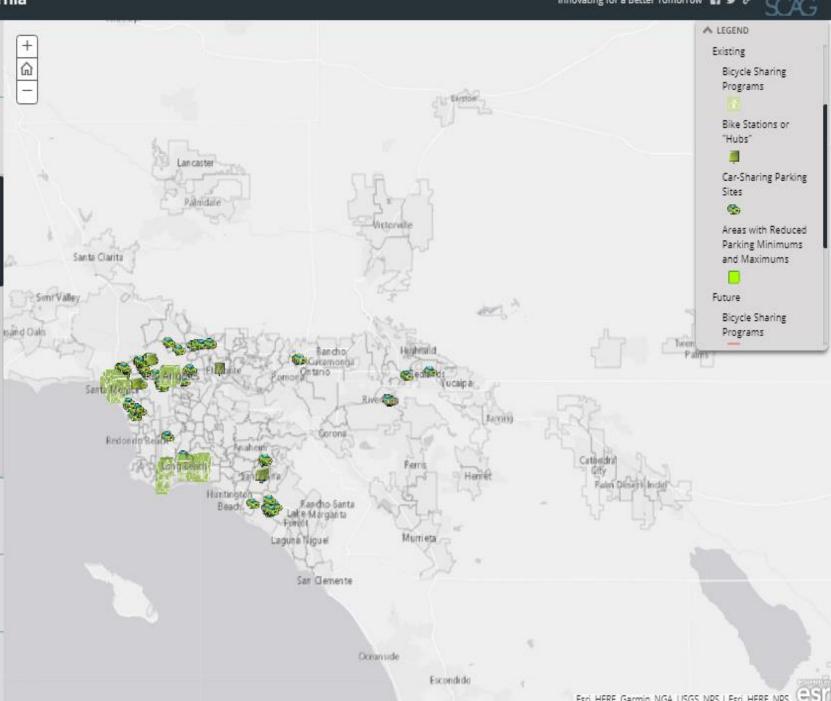
SCAG is asking residents of Southern California to help submit information on your area to help policy makers understand how neighborhood-oriented policies can encourage residents to take transit and to walk or bike more in their communities- thereby reducing the number of vehicles on the road and in traffic. Crowdsourcing data can serve to bring a previously unknown program or project into light.



- Affordable Housing Measures
- Transportation and Parking Measures



- Urban Design Measures
- Land Use Planning Measures
- Special District Measures



# Thank you

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