



2016 2040 RTP/SCS

2016 RTP/SCS UPDATE

Hasan Ikhata, Executive Director

Southern California Association of Governments
September 24, 2015

What is an RTP/SCS?

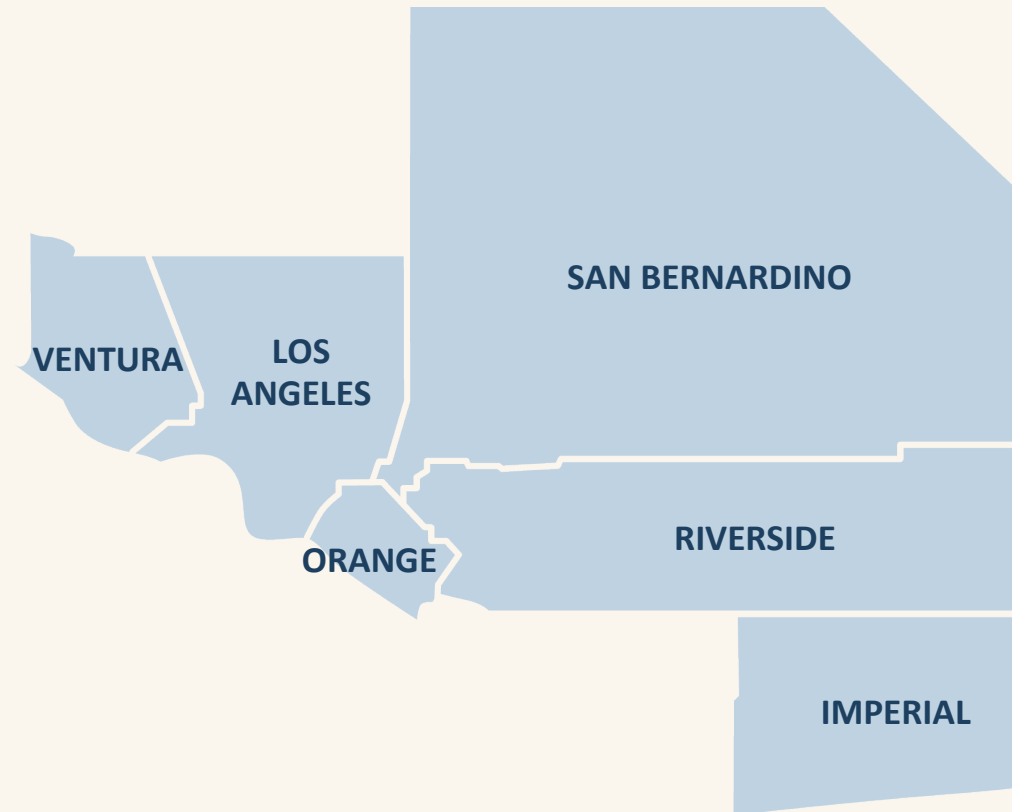
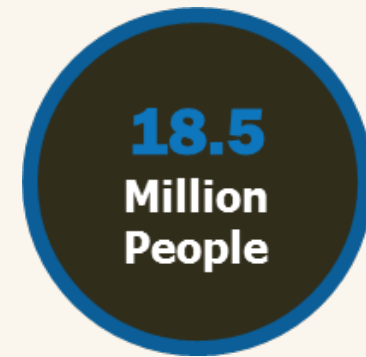
Long-term vision and Investment framework

Federal Requirements

- Updated every 4 years to maintain eligibility for federal funding
- Long Range: 20+ years into the future
- Financially-constrained: Revenues = Costs
- Passes regional emission standards (Conformity)

State Requirements

- Must meet SB 375 requirements (address GHG reductions)



Why is Developing an RTP/SCS Important?

Transportation knows no boundaries

Coordination of regional projects

Facilitates regional/local competitiveness for funding

Allows any federally-funded or regionally-significant projects to maintain their eligibility for federal funding



2016
2040 RTP SCS

Growth Forecast – 2012-2040

LOS ANGELES COUNTY

	2012	2040	CHANGE
POPULATION	9,923,000	11,514,000	1,591,000
HOUSING UNITS	3,258,000	3,947,000	689,000
JOBS	4,247,000	5,226,000	979,000

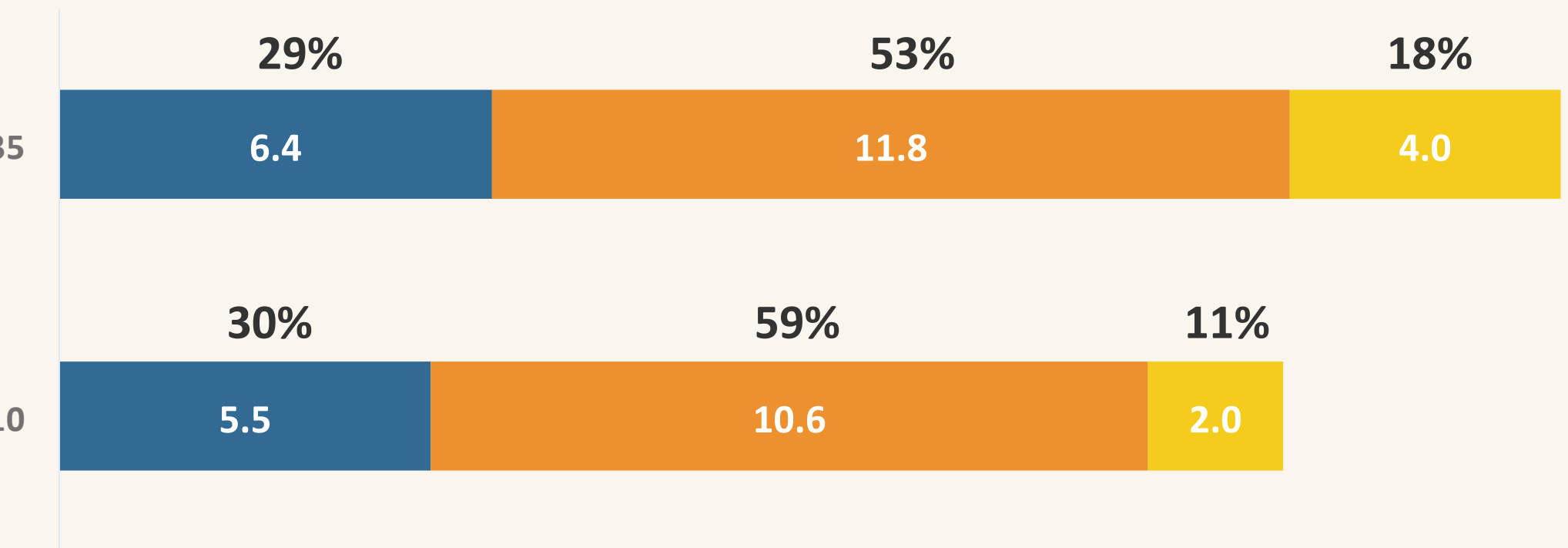
SCAG REGION

	2012	2040	CHANGE
POPULATION	18,323,000	22,121,000	3,798,000
HOUSING UNITS	5,886,000	7,407,000	1,521,000
JOBS	7,440,000	9,872,000	2,432,000

Population Shifts by Age Cohort

Population by Age Group (in millions)

■ 0-20 ■ 21-64 ■ 65+



Note: Percentages do not add to 100% due to rounding
Source: US Census Bureau, SCAG

Implications of Changing Demographics

Increased demand for housing
choices in cities with lots of
amenities

Surplus of large-lot homes

Increased demand for health care
and social services

Downward pressure on tax revenues

Changing transportation preferences



From Baby Boomers to Millennials



VS





Shared Mobility/Shared Economy

rapid adoption of new communication technologies
travel fewer miles and make fewer trips

less interested in car and home ownership

rapidly adopting to the "shared" economy

favor low-travel urban lifestyles with emphasis on walking, cycling, ride-sharing and transit

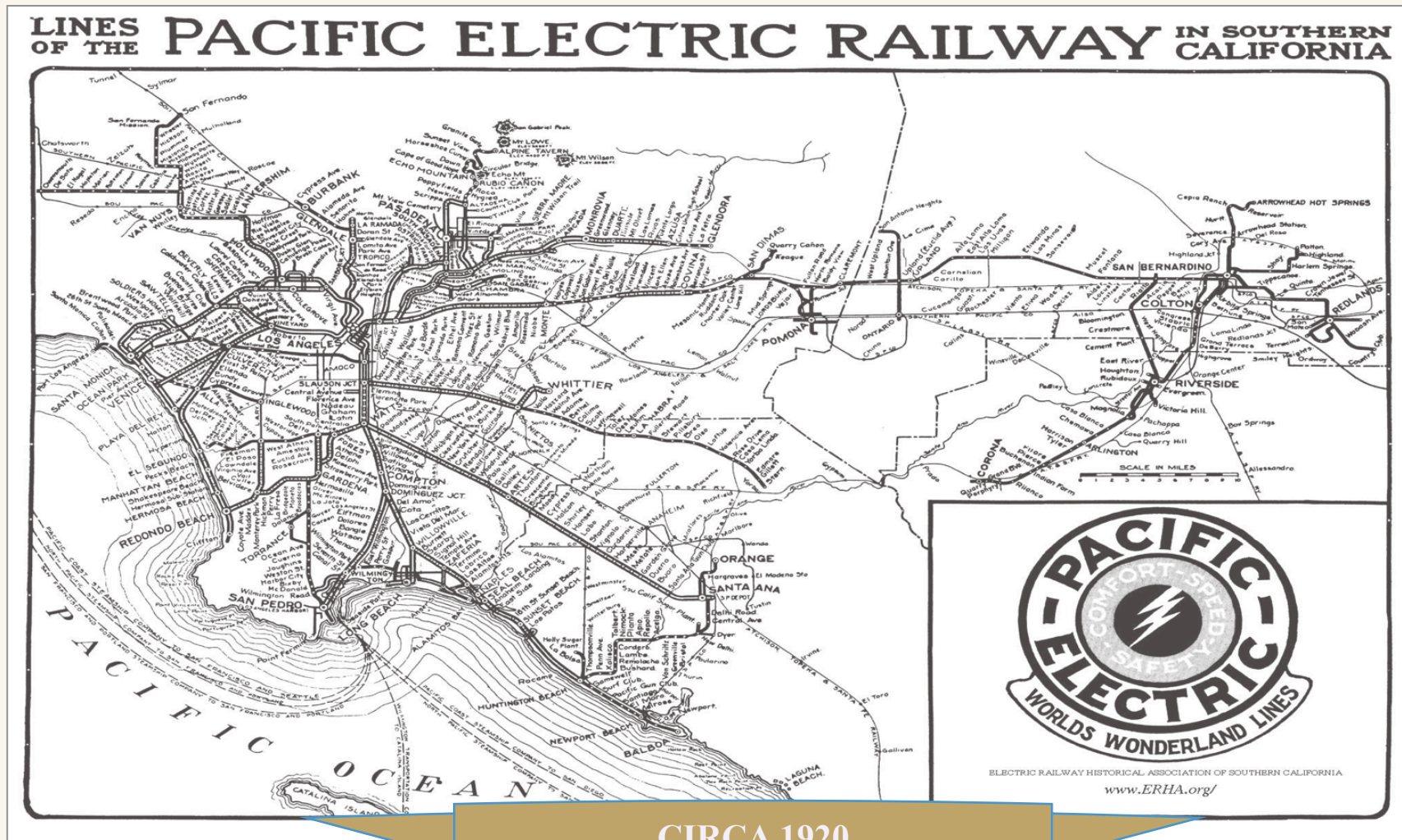


2016

2040

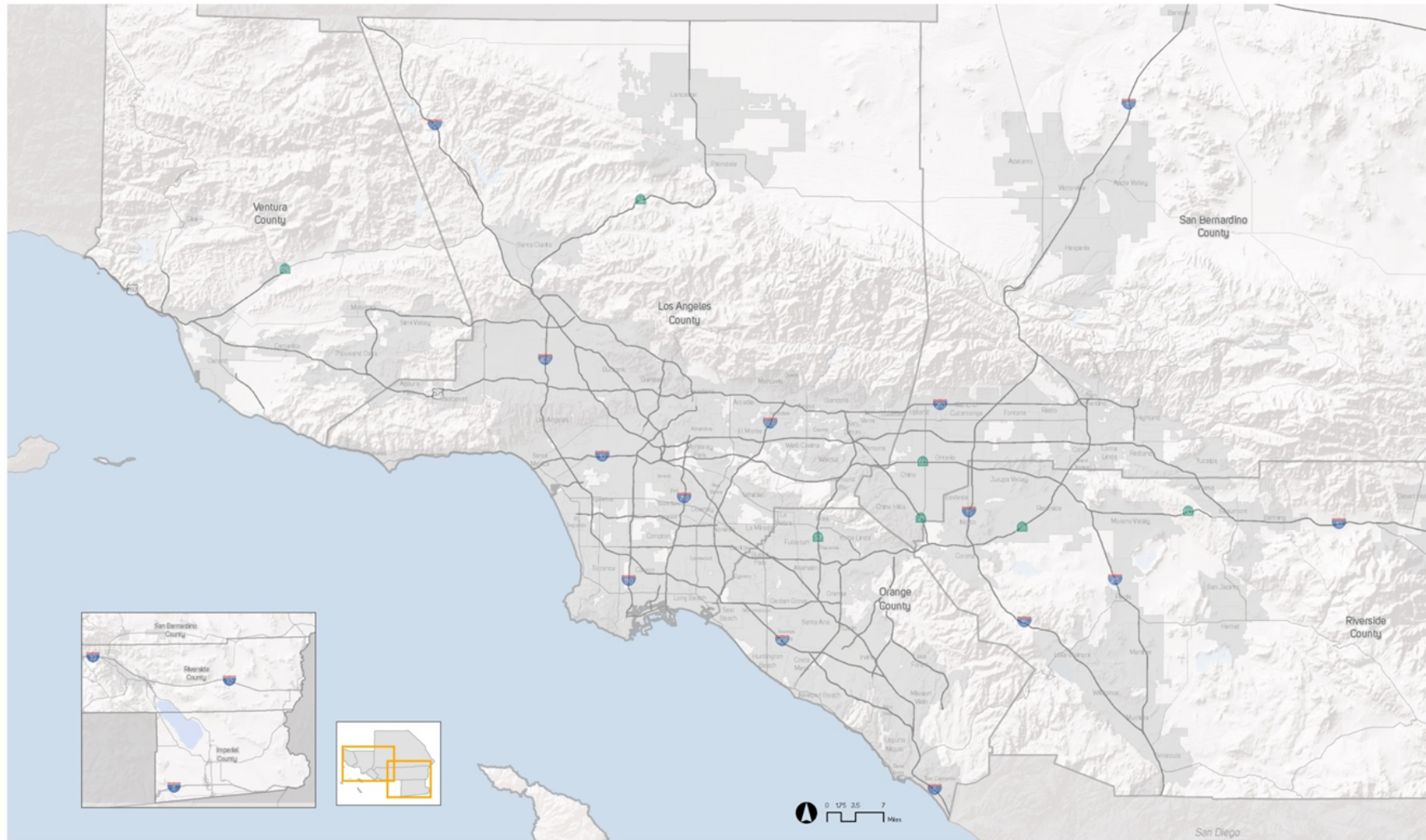
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2016 RTP/SCS Emerging Trends & Opportunities Passenger Rail



CIRCA 1920

Passenger Rail and Transit - 1990



Map Title: 2040 Transit Network Planned and Existing SCAG Region (Source: SCAG)

Passenger Rail and Transit - 2012

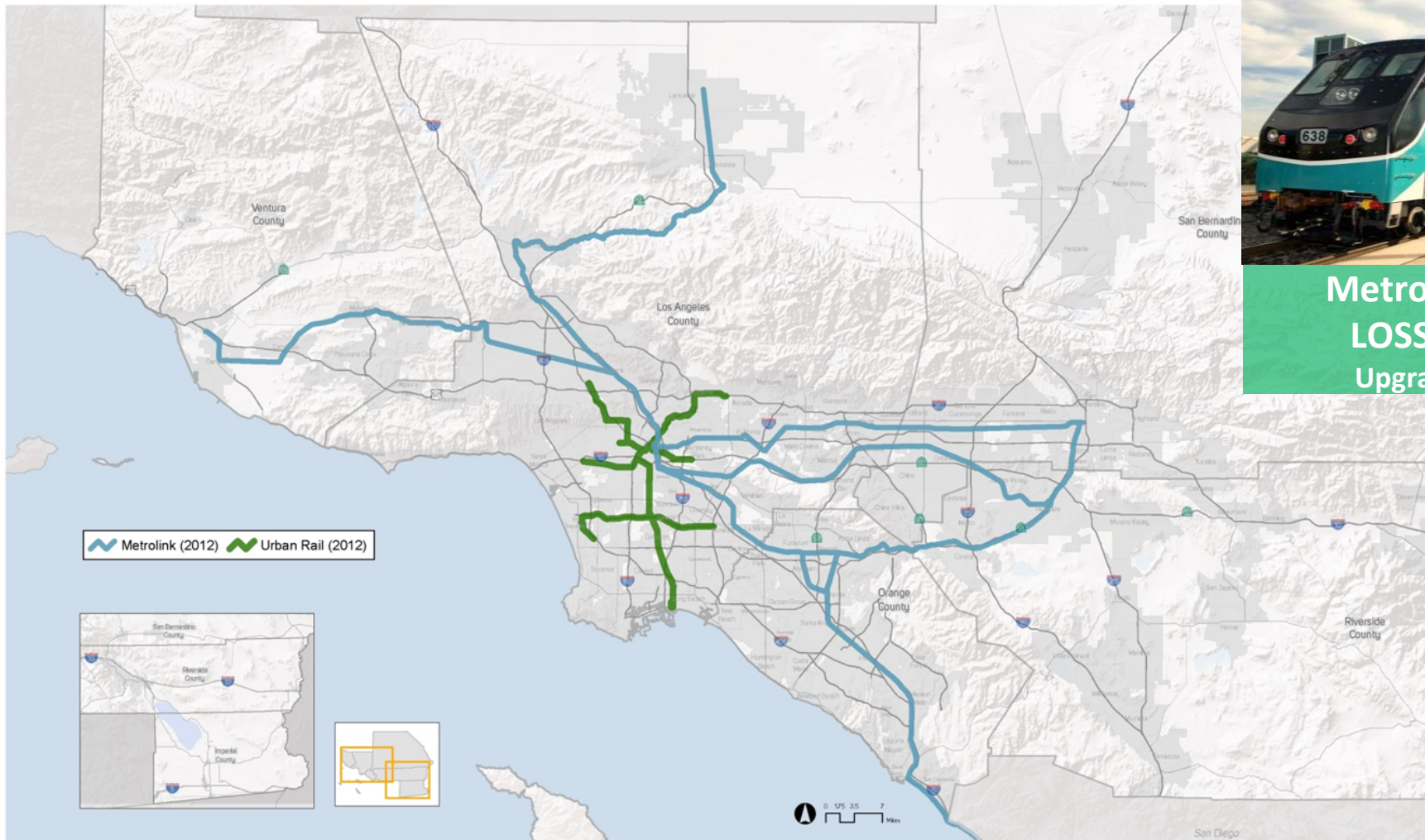


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Light and Heavy
Rail Extensions



Rapid Transit
Expansion



Map Title: 2040 Transit Network Planned and Existing SCAG Region (Source: SCAG)

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Metro
LOSS
Upgrade

Passenger Rail and Transit - 2040

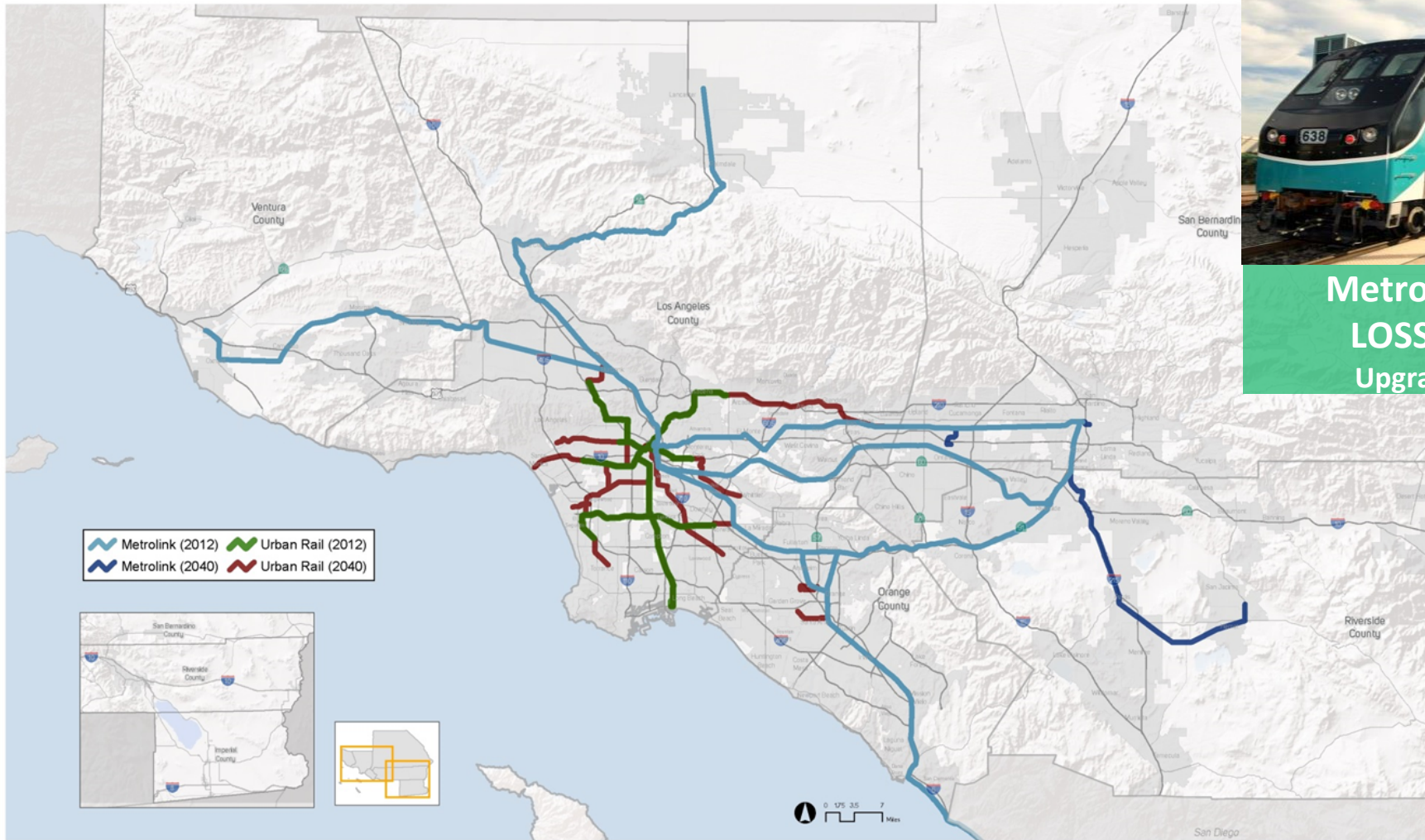


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Metro
LOSS
Upgra

Goods Movement Projects and Strategies

Selected Goods Movement Investments DRAFT 2016 RTP/SCS

Over **\$75 Billion**

East-West Freight Corridor

Port access

Freight rail capacity

Grade separations

Truck bottleneck projects

Intermodal facilities

Emission reduction strategies



Transportation Technologies

Neighborhood Electric Vehicles (NEVs)

Urban Mobility Platforms

Bikes

Car/Bike Sharing

Travel Planning Apps

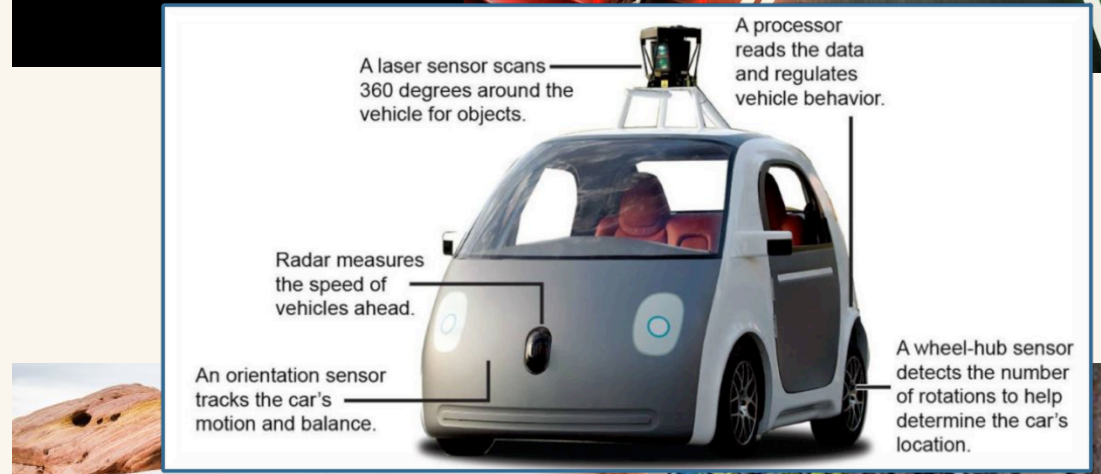
Connected Vehicle Technologies

Semi-automated drive modes

Adaptive Cruise Control

Lane centering

Fully Autonomous Vehicles

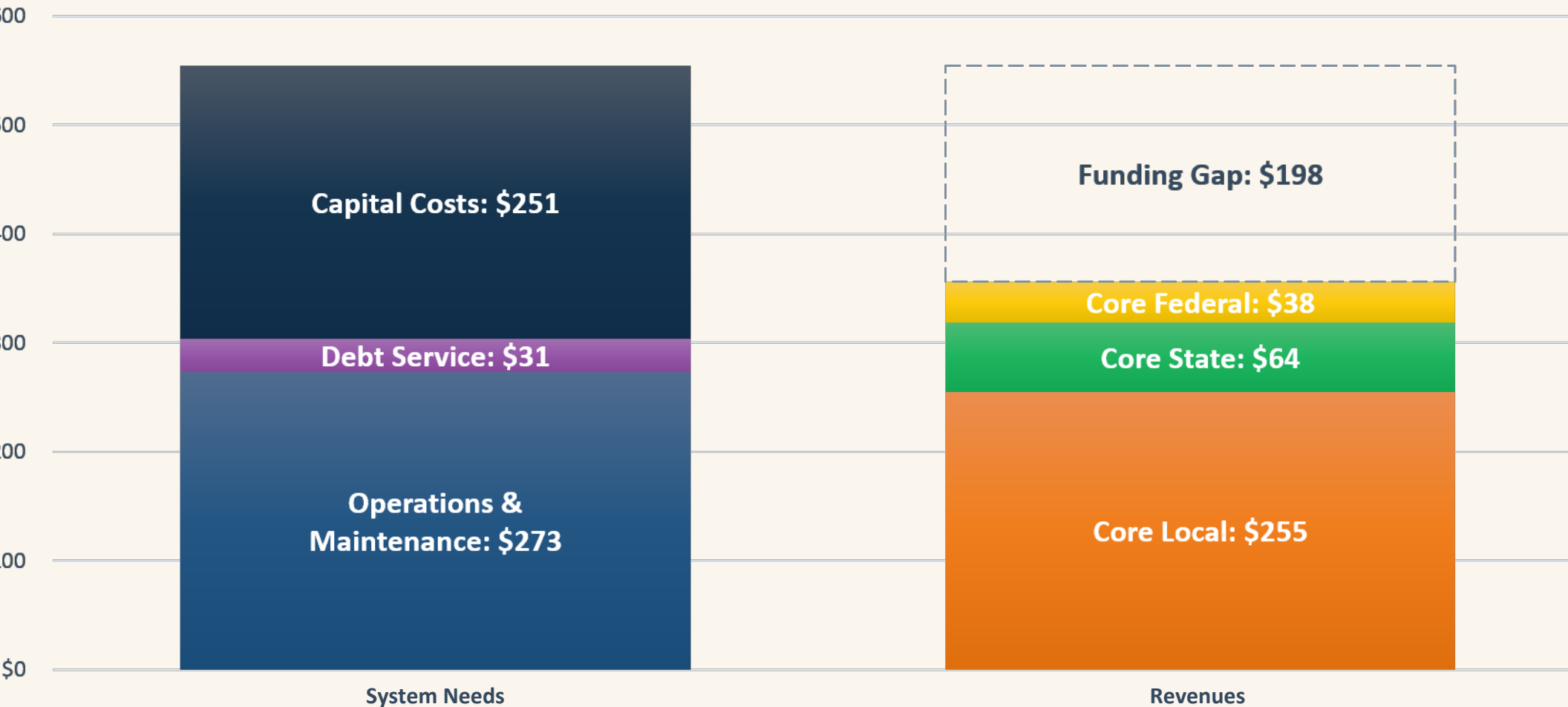


Active Transportation



Finance - Insufficient Core Revenues to Meet System Needs

Total SCAG Region System Needs: \$554 Billion (in Nominal Dollars)



Note: Numbers may not sum to total due to rounding

Anticipated Outcomes

Additional transportation system capacity

State/Federal legislative advocacy

- Cap-and-Trade
- Transportation Corridors Improvement (TCIF)
- Fully-funded National freight program

CAG Sustainability Program - \$12 million in FY13-15,
more to come

Economic analysis of 2016 RTP/SCS

- Economic development
- Job growth
- Project streamlining
- Move local projects forward
- Achieve a balance between economic and environmental sustainability



Upcoming Schedule

Final 2016 RTP/SCS & PEIR Release	December 2015
2016 RTP/SCS Public Comment Period	Minimum 55 Days
2016 RTP/SCS PEIR Public Comment Period	Minimum 45 Days
Selected Officials Briefings	January 2016
Public Hearings	January 2016
Final Adoption of 2016 RTP/SCS & PEIR	April 7, 2016



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Thank you!

Learn more by visiting www.scagrtpscs.net.

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