REGIONAL TRANSPORTATION PLAN

2012RTP

SUSTAINABLE COMMUNITIES STRATEGY

Towards a Sustainable Future

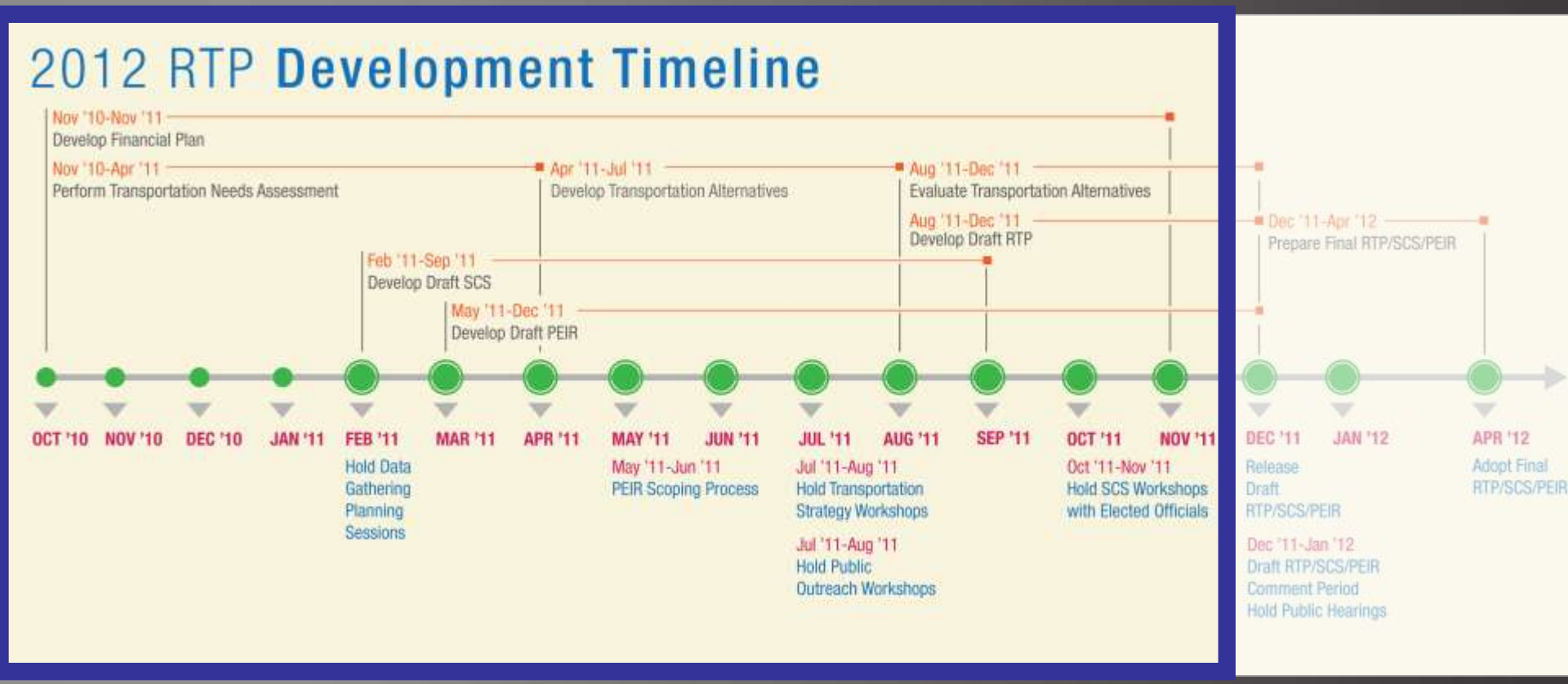
2012 RTP/SCS
PUBLIC OUTREACH WORKSHOP

SOUTHERN CALIFORNIA
ASSOCIATION of GOVERNMENTS

Today's Activities

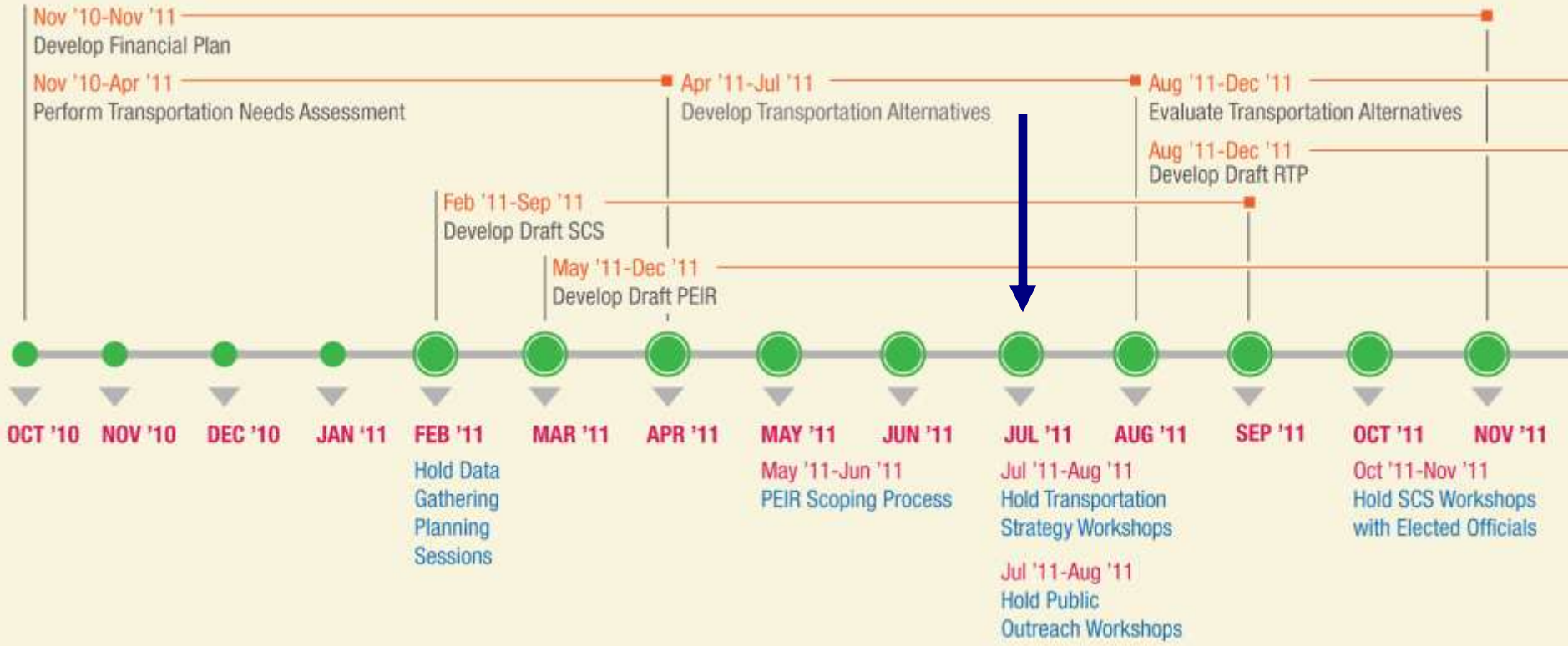
1. Overview of the 2012 RTP Process
2. Discuss objectives that you feel the RTP should meet
3. Identify regional issues that matter most to you
4. Provide input on scenarios for addressing growth and transportation

Timeline


2012 RTP Development Timeline
Nov '10-Nov '11
Develop Financial Plan
Nov '10-Apr '11
Perform Transportation Needs Assessment
Apr '11-Jul '11
Develop Transportation Alternatives
Aug '11-Dec '11
Evaluate Transportation Alternatives
Aug '11-Dec '11
Develop Draft RTP
Dec '11-Apr '12
Prepare Final RTP/SCS/PEIR
Feb '11-Sep '11
Develop Draft SCS
May '11-Dec '11
Develop Draft PEIR
OCT '10
NOV '10
DEC '10
JAN '11
FEB '11
Hold Data Gathering Planning Sessions
MAR '11
APR '11
MAY '11
May '11-Jun '11
PEIR Scoping Process
JUN '11
JUL '11
Jul '11-Aug '11
Hold Transportation Strategy Workshops
Jul '11-Aug '11
Hold Public Outreach Workshops
AUG '11
SEP '11
OCT '11
Oct '11-Nov '11
Hold SCS Workshops with Elected Officials
NOV '11
DEC '11
Release Draft RTP/SCS/PEIR
Dec '11-Jan '12
Draft RTP/SCS/PEIR Comment Period
Hold Public Hearings
JAN '12
APR '12
Adopt Final RTP/SCS/PEIR

Where we've been

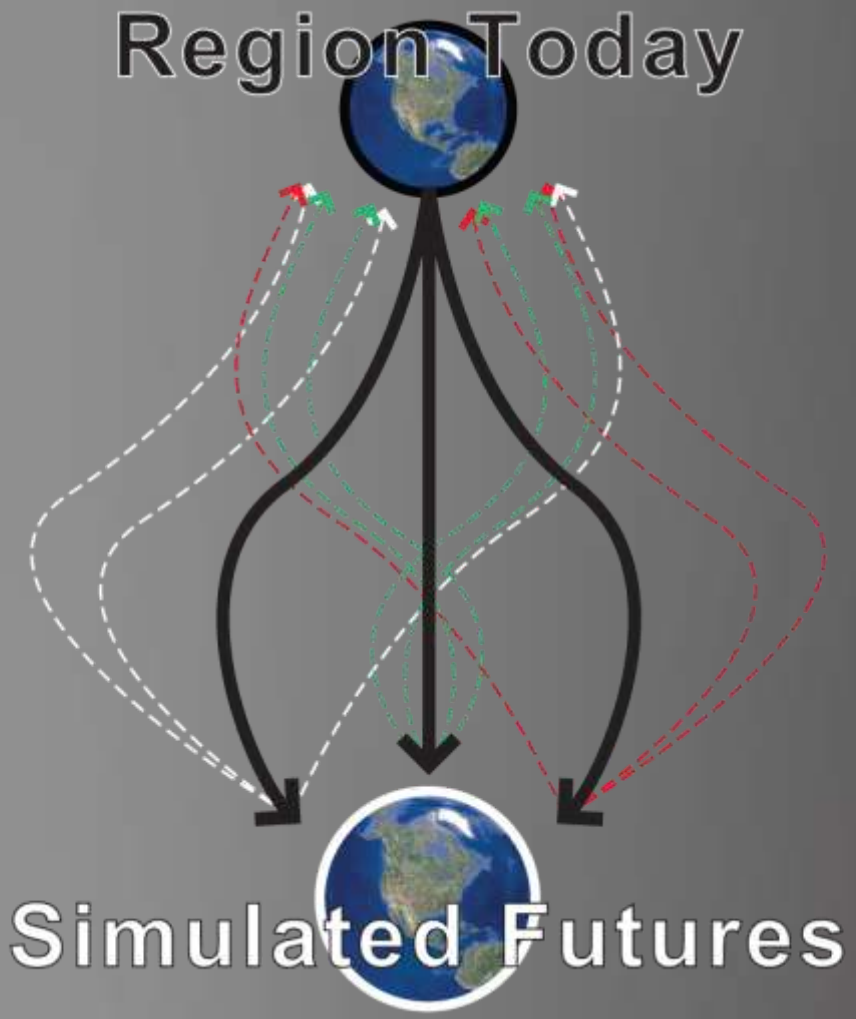
2012 RTP **Development Timeline**



RTP Objectives: what should the plan work to accomplish?

1. What Mobility / Accessibility objectives should we strive for?
2. Environmental, Health and Community objectives?
3. Which Modes of Travel?
4. Fiscal and Economic objectives?
5. Safety outcomes?
6. Environmental Justice outcomes?
7. Other objectives?

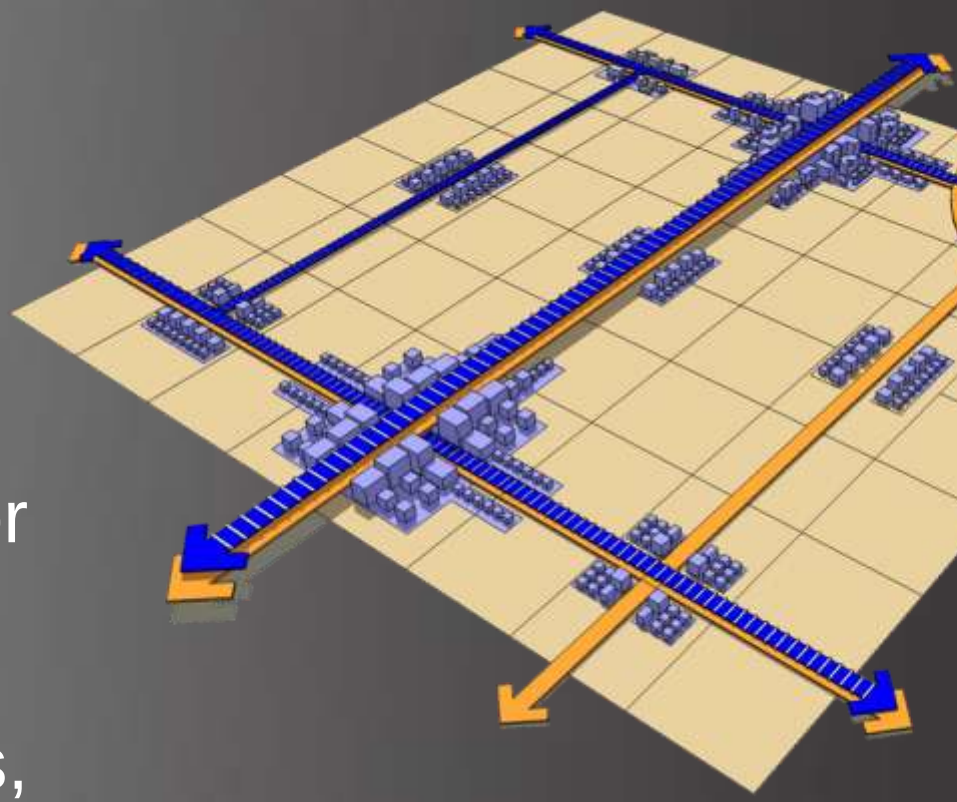
Group Discussion



Scenarios for Southern California

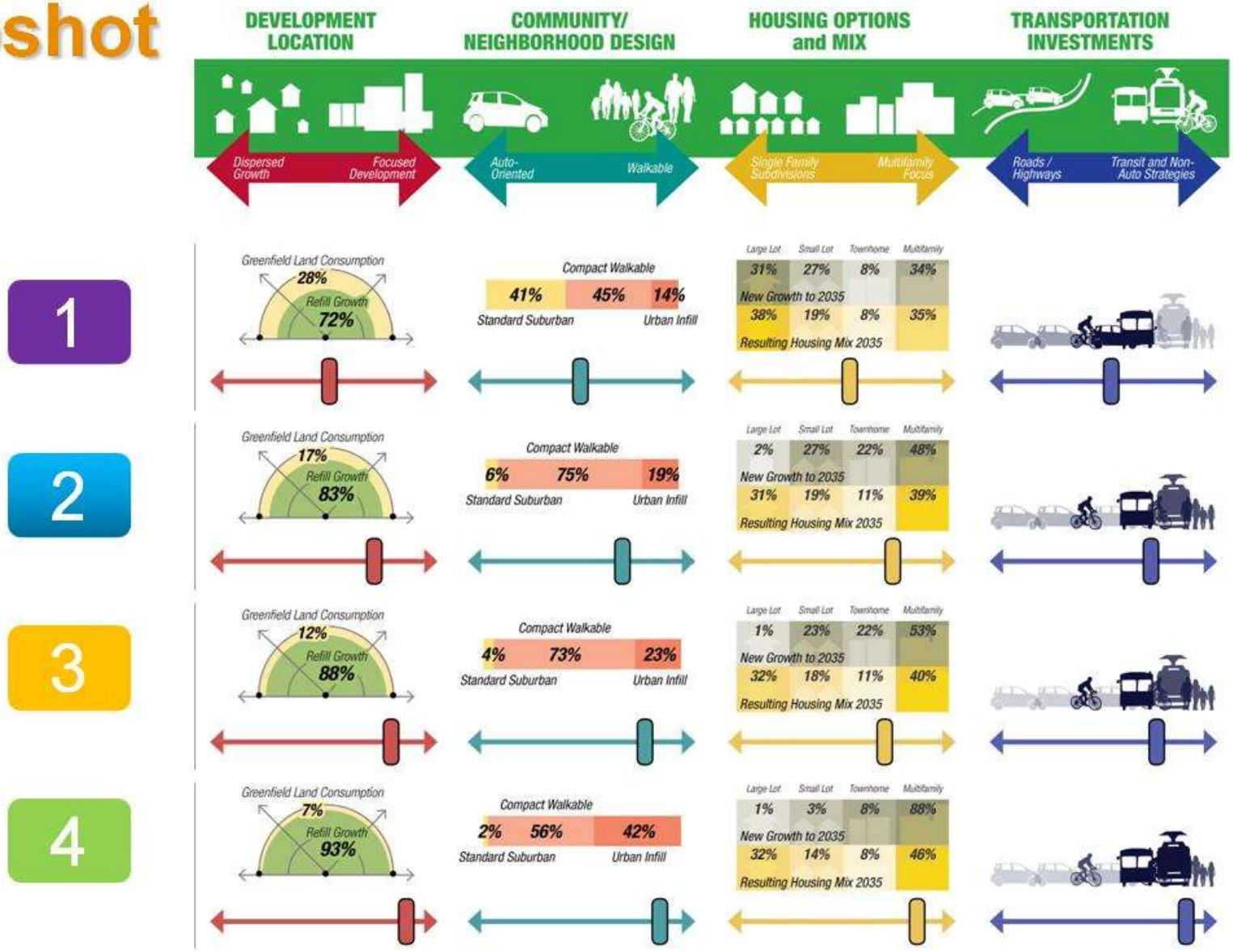
Scenarios explore transportation and land development questions…

1. Should we grow up or out?
2. What type of homes should we build?
3. Invest more in roads or public transportation?
4. Bedroom communities, job centers, a balance?



…to understand how different futures might shape our lives, economy, and environment

Scenarios Snapshot



Greenfield vs. Infill / Reuse

New Development 2008-2035

Greenfield vs. Infill / Reuse

New Development 2008-2035

1 2 3 4

Development Proportions

New Growth 2008-2035

Standard Suburban	Lower Density Auto-Oriented Suburban
Mixed-Use Walkable	Mid-Density Walkable and/or Transit Oriented
Urban	Higher-Density Transit-Oriented Infill

Standard

Standard

Lower Density Auto-Oriented Suburban

Mixed Use Walkable

Mid-Density Walkable and/or Transit Oriented

Urban

Higher-Density Transit-Oriented Infill

Source: Matt Jalbert, www.exuberance.com

Standard

Standard	Lower Density Auto-Oriented Suburban
Mixed Use Walkable	Mid-Density Walkable and/or Transit Oriented
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Standard

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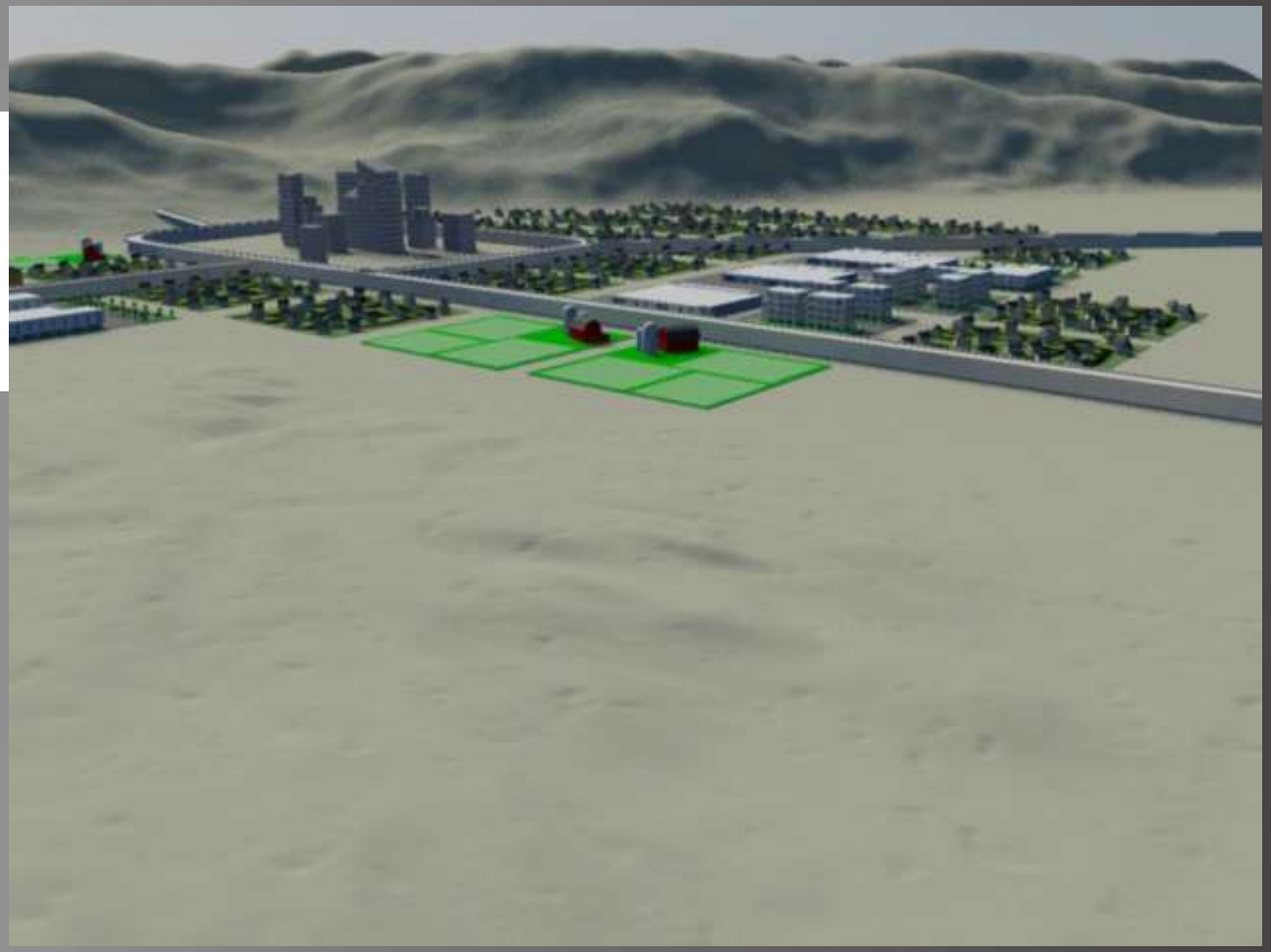

Mixed-Use Walkable

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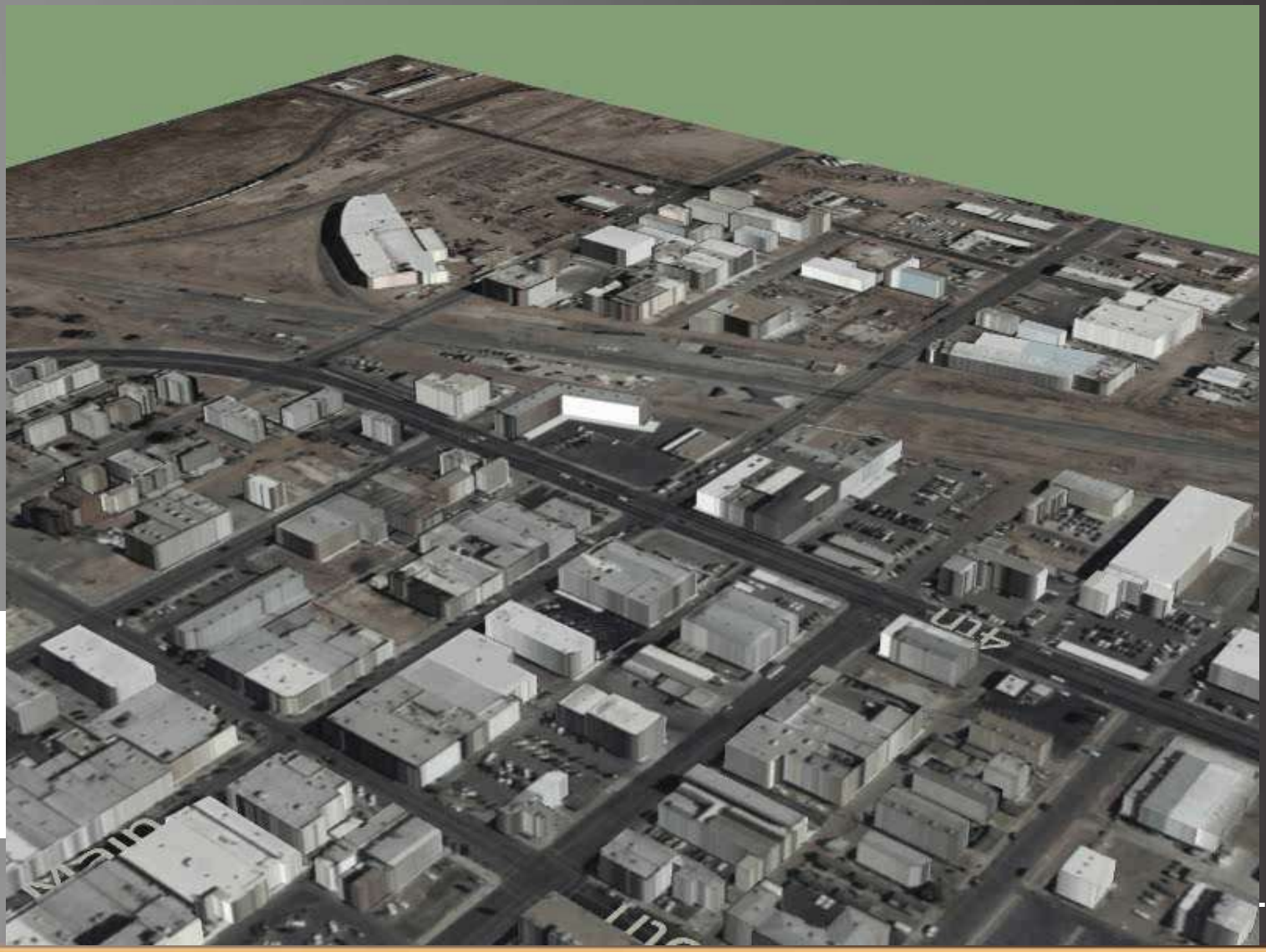

Development Proportions

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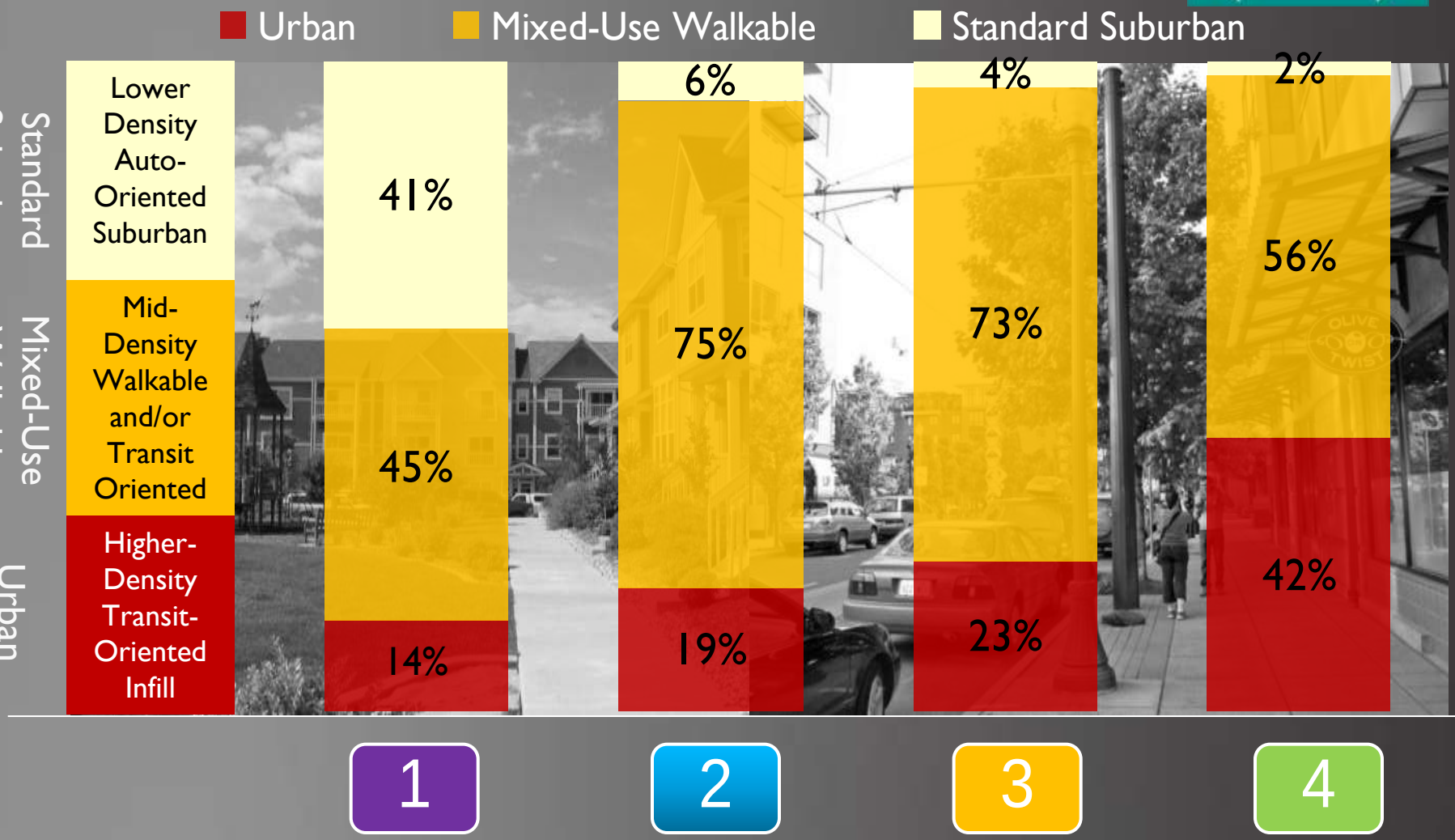


Housing Product Mix

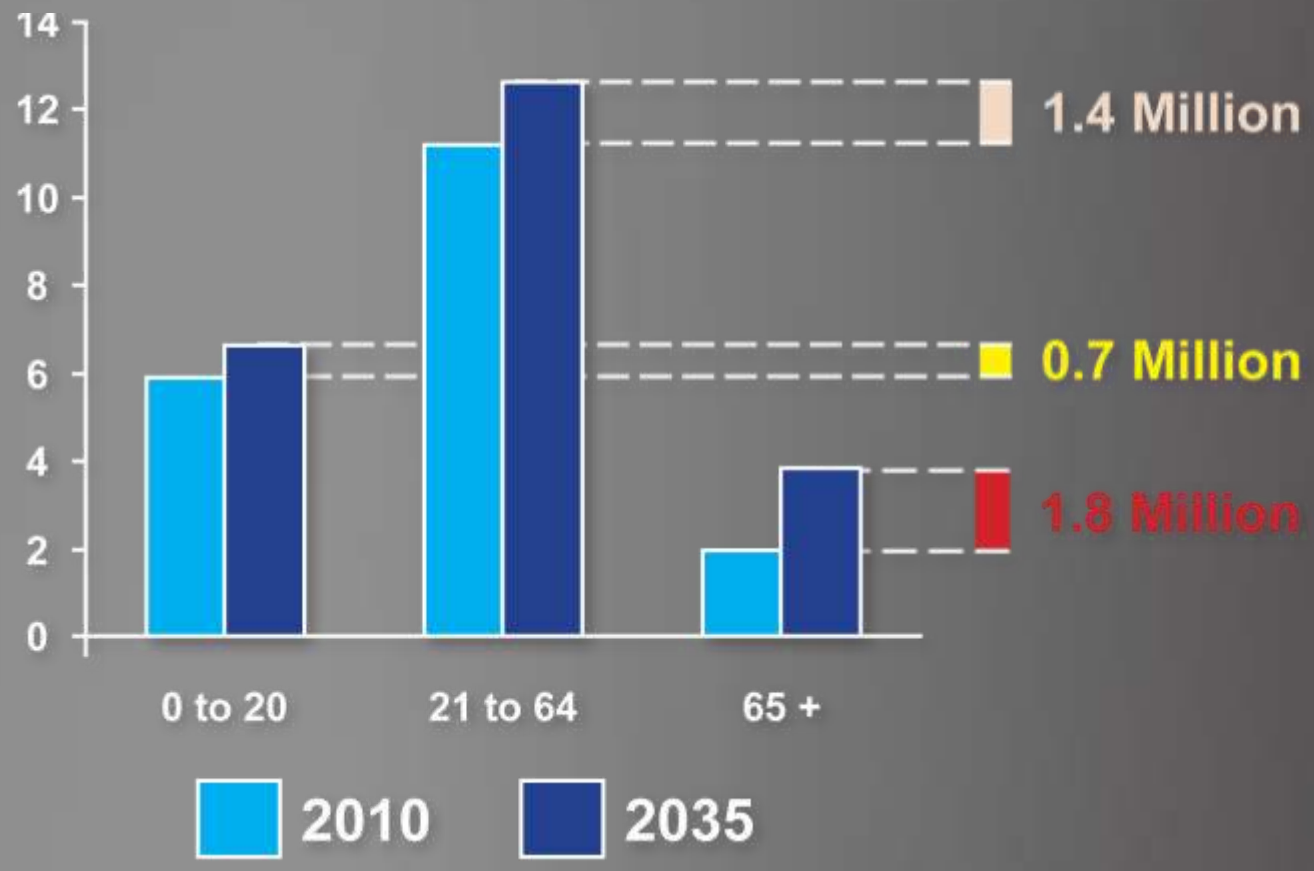
New Housing Units 2008-2035

Where is the long-term housing market headed?

Housing Demand Projections for Southern California: 2010 - 2035

Our Aging Population

SCAG Region, 2010 to 2035



Seniors

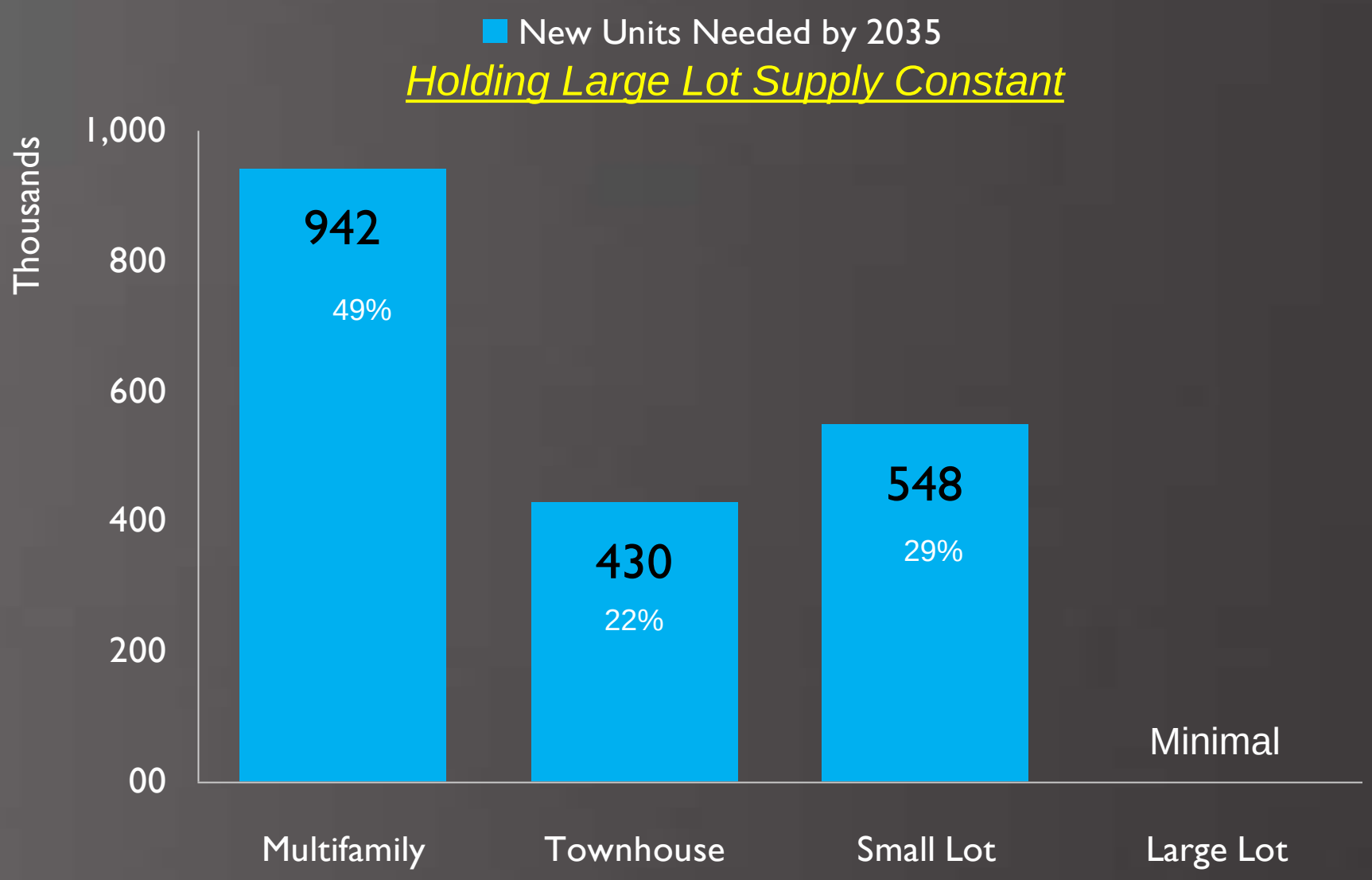
Over ½ the demand for new homes

In 2040 73% of all households will be without children

Note: Percentages do not add to 100% due to rounding

Source: SCAG, Local Input/General Plan Growth Forecast, March 2010

SCAG Planning Bottom Line 2035

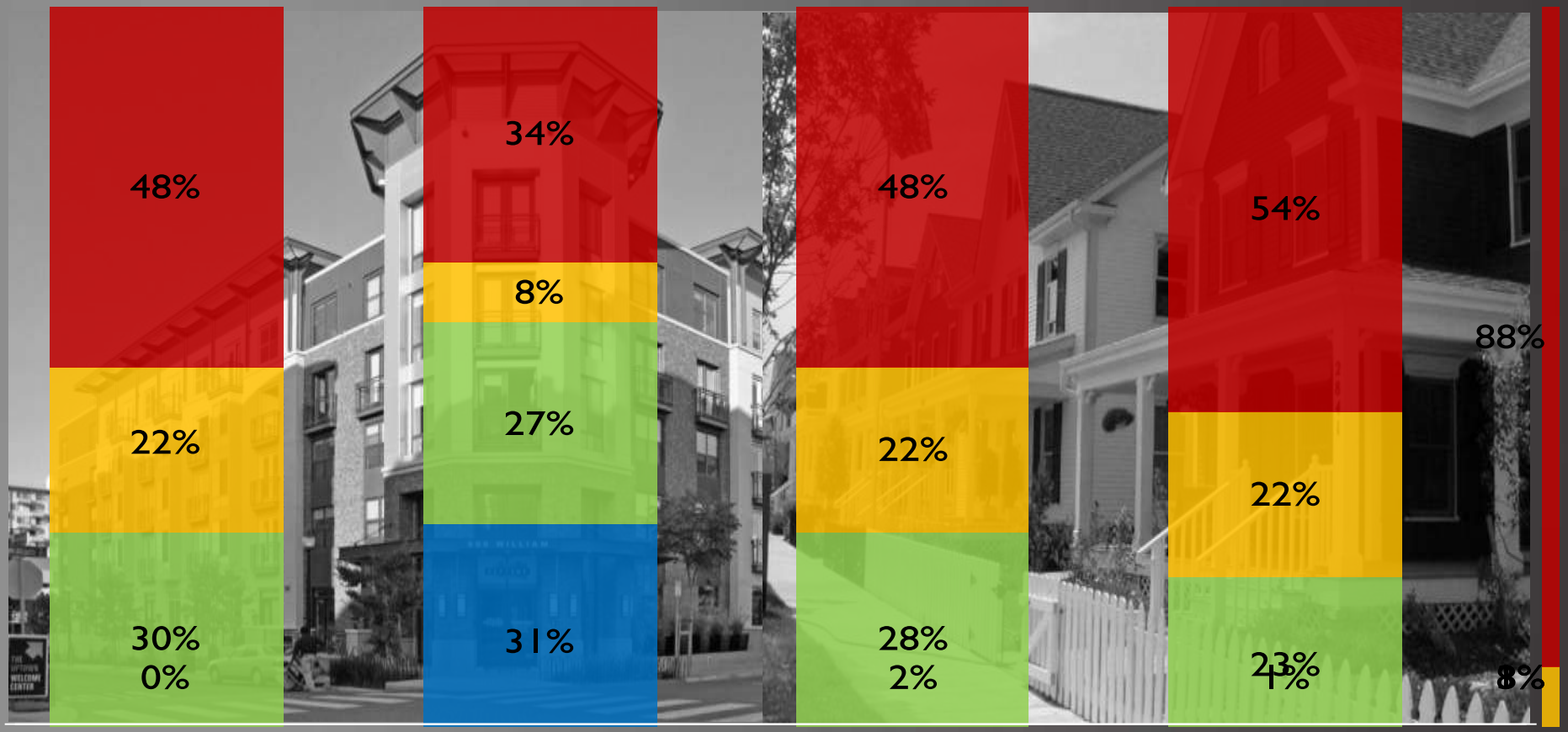


Source: AC Nelson. The Shape of Metropolitan California in the 21st Century: Outlook to 2020 and 2035

Housing Product Mix

New Housing Units 2008-2035

Large Lot | Small Lot Single Family | Townhouse | Multifamily

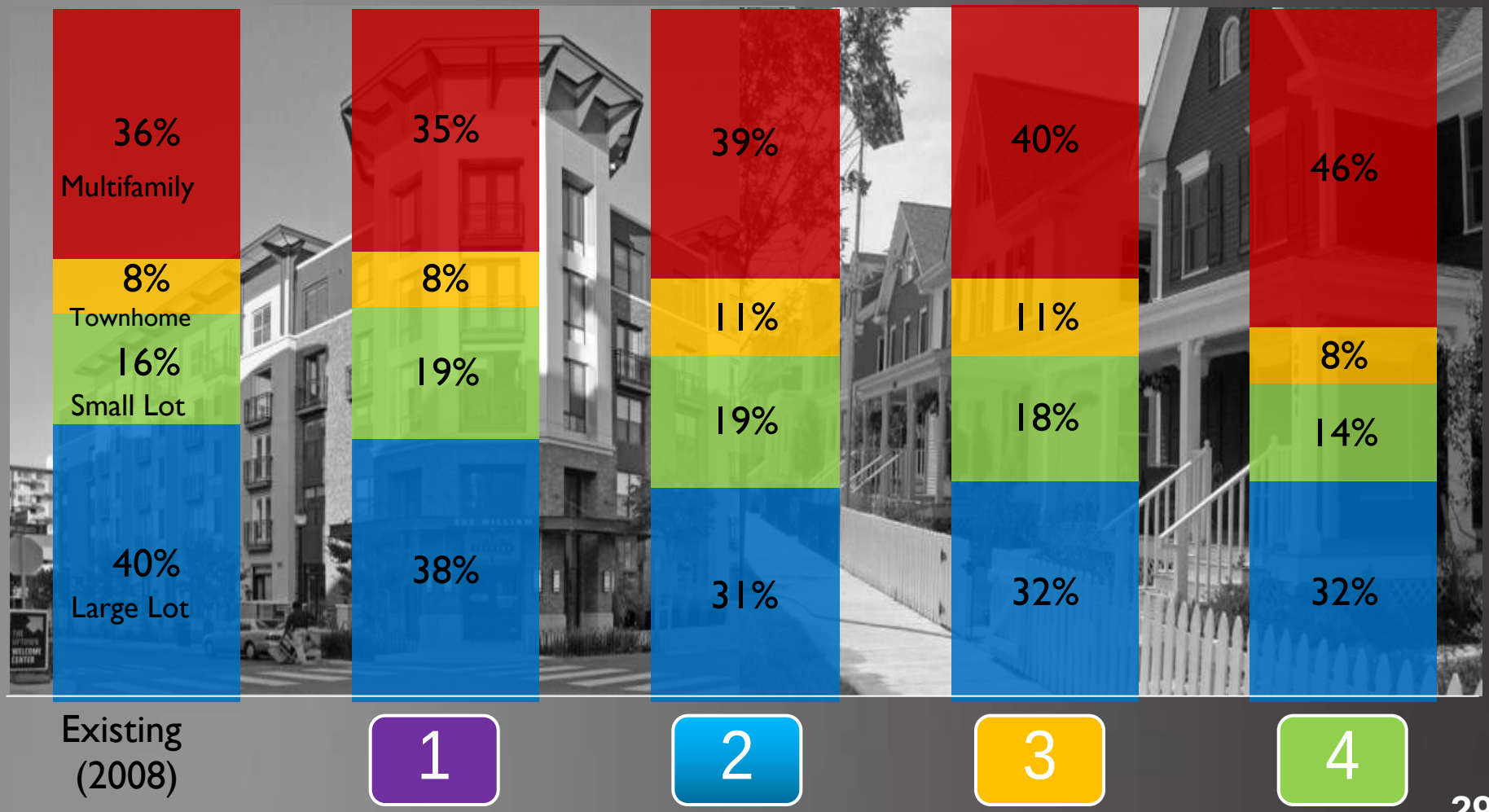


Anticipated Demand

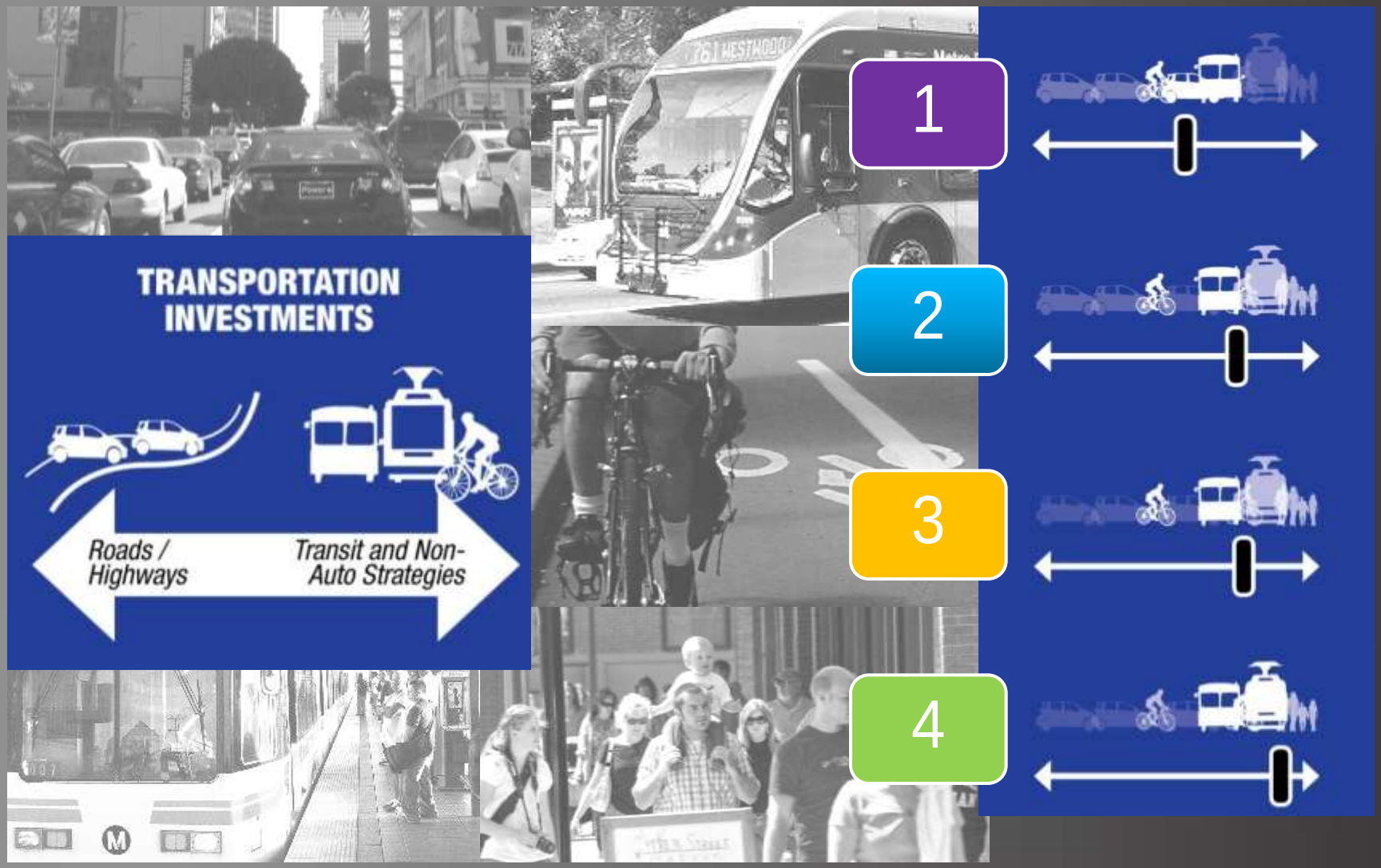
1 | 2 | 3 | 4

Housing Product Mix

All Housing Units in 2035 (Existing + New)



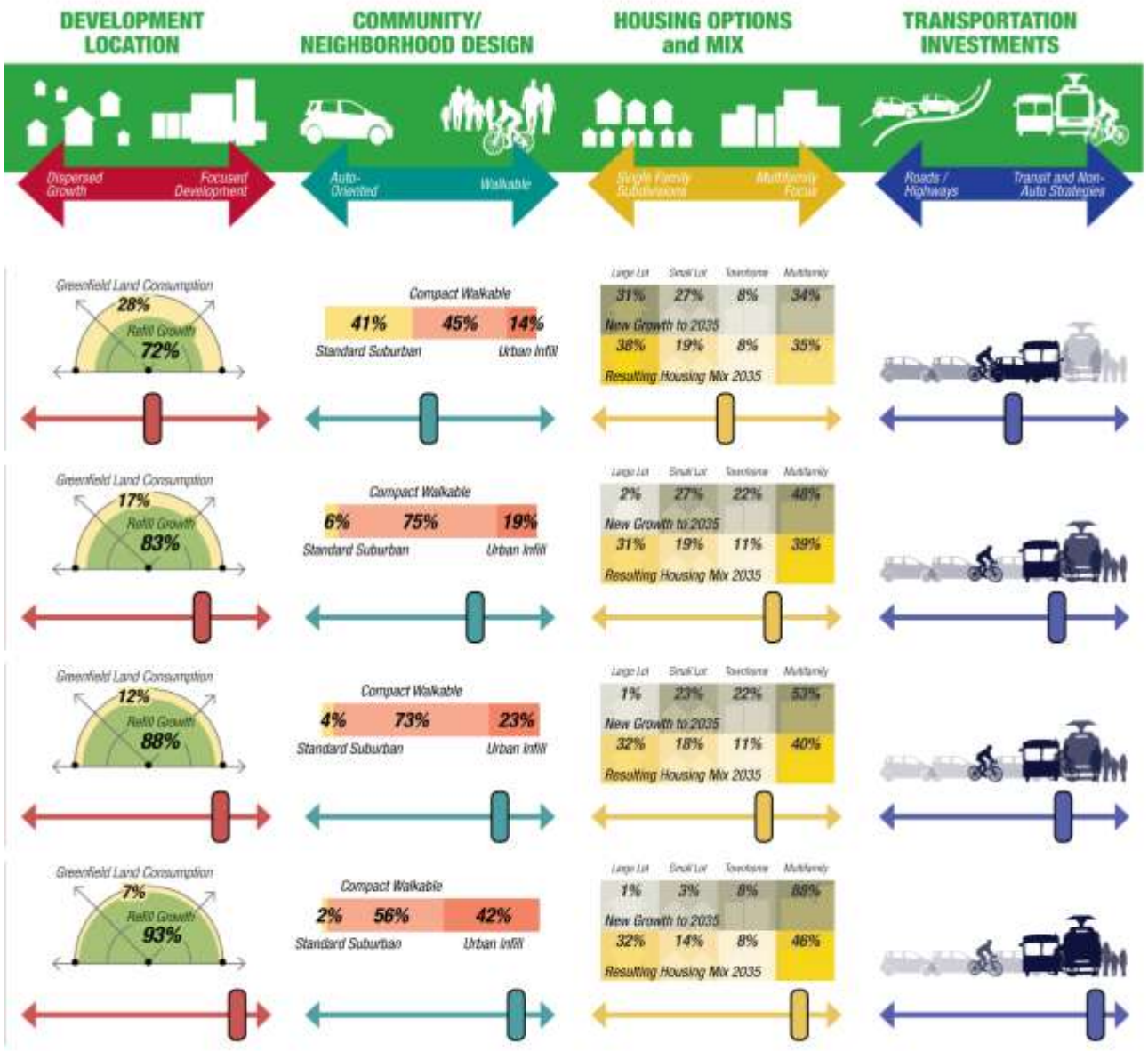
Transportation Investments



Types of Transportation Investments

1. **Bus Rapid Transit**
2. **Light and Heavy Rail**
3. **High Speed Rail**
4. **<u>Highway Expansion:</u>**
   1. Lanes
   2. Carpool / Hot Lanes
   3. Interchange Improvements
5. **Local Arterial Improvements**
6. **Transportation System Preservation**
7. **Truck Ways**
8. **Freight Rail Improvements**
9. **<u>Operation and Maintenance:</u>**
   - Highway and Arterials
   - Transit
10. **Bike and Pedestrian Facilities**
11. **Transportation Demand Management Investments**
12. **Transportation System Management Investments**

Scenarios Snapshot



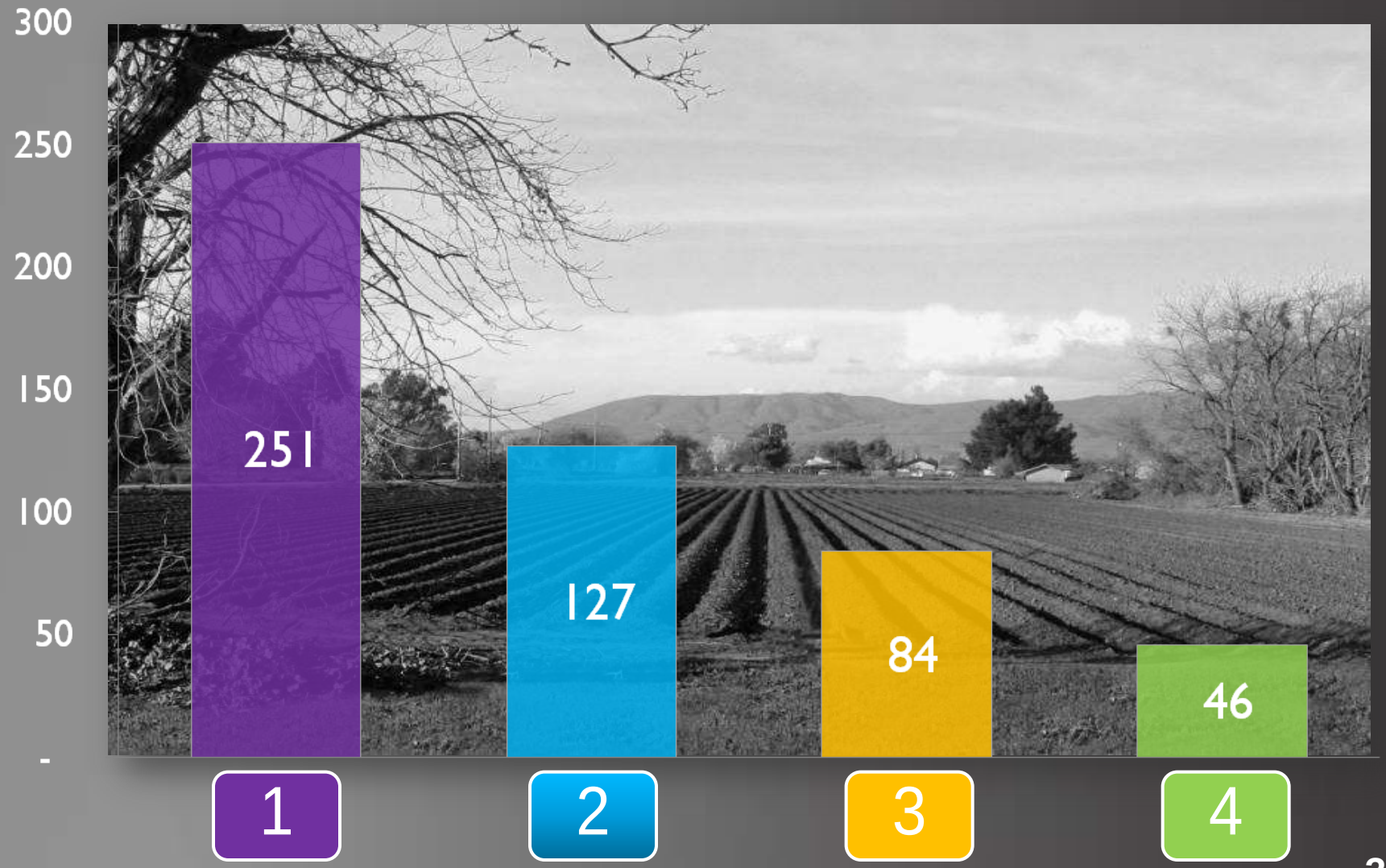
How The Scenarios Compare

Land Consumed

Square Miles

Land Consumed

Square Miles



Local Infrastructure Costs

Capital & Operations & Maintenance Costs for New Growth, 2008-2035

Includes capital costs and general fund O&M expenditures for local roads, wastewater and sanitary sewer, water supply, and parks & recreation

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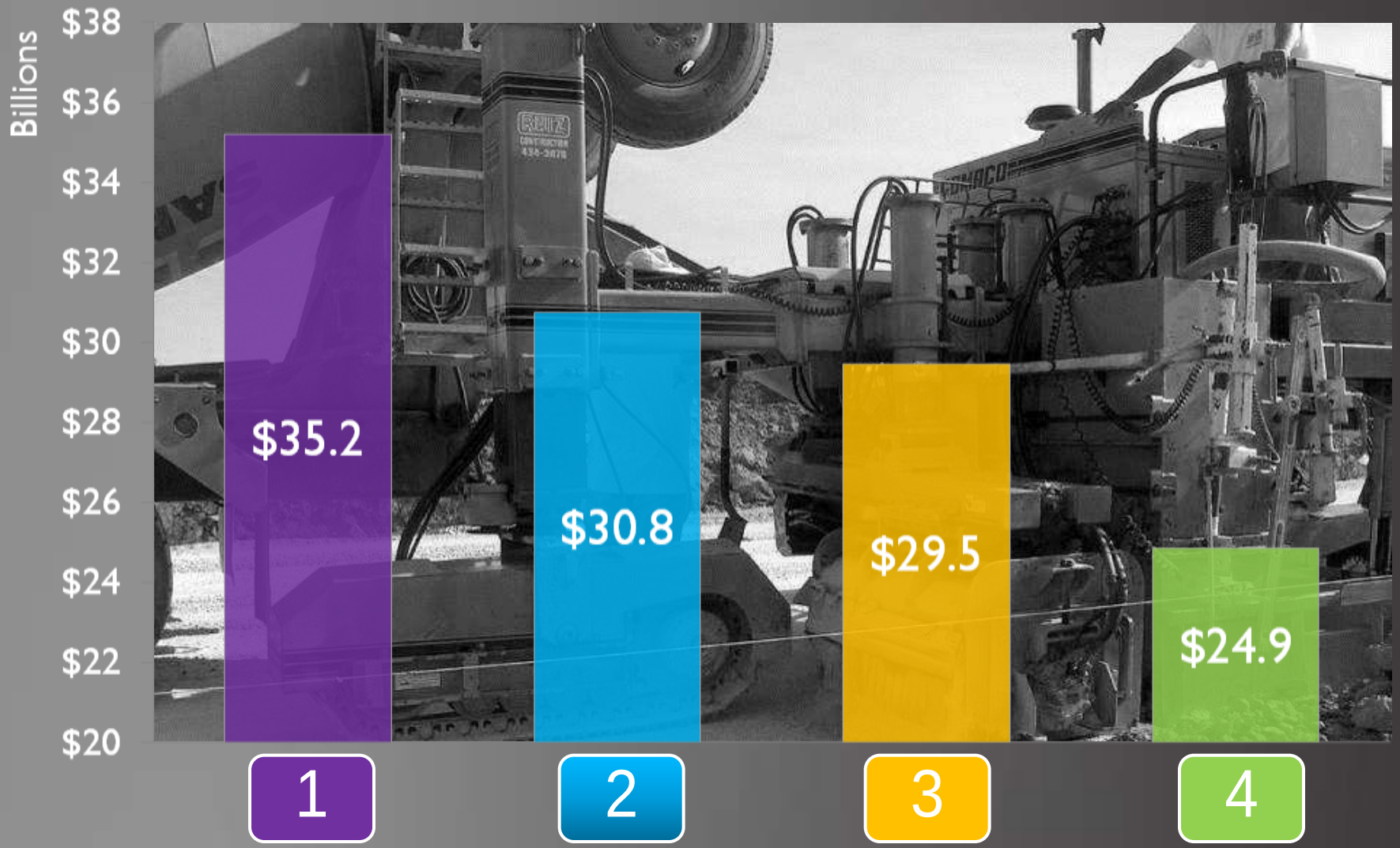

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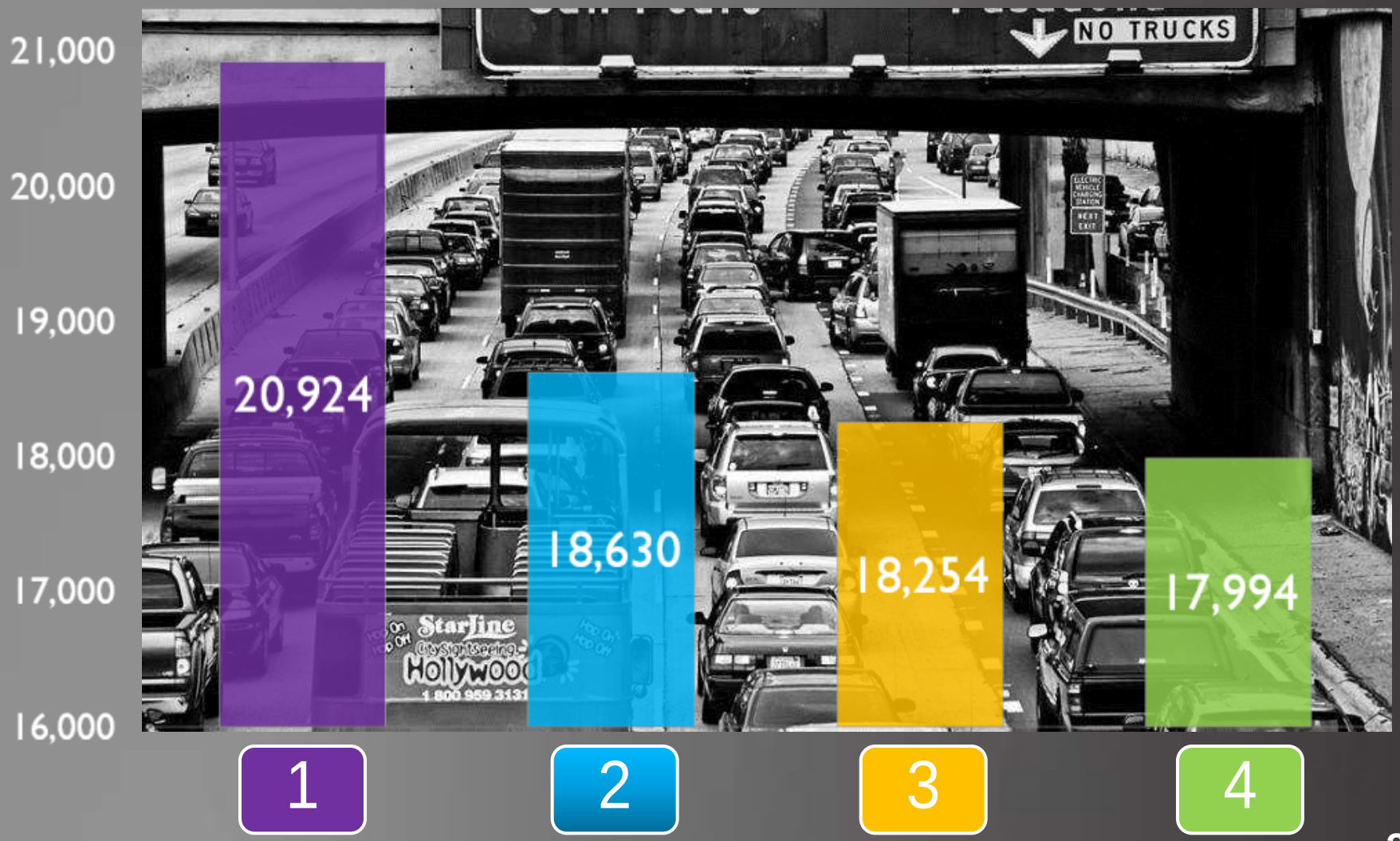
Vehicle Miles Traveled

Annual per household, 2035

Vehicle Miles Traveled

Annual per household, 2035

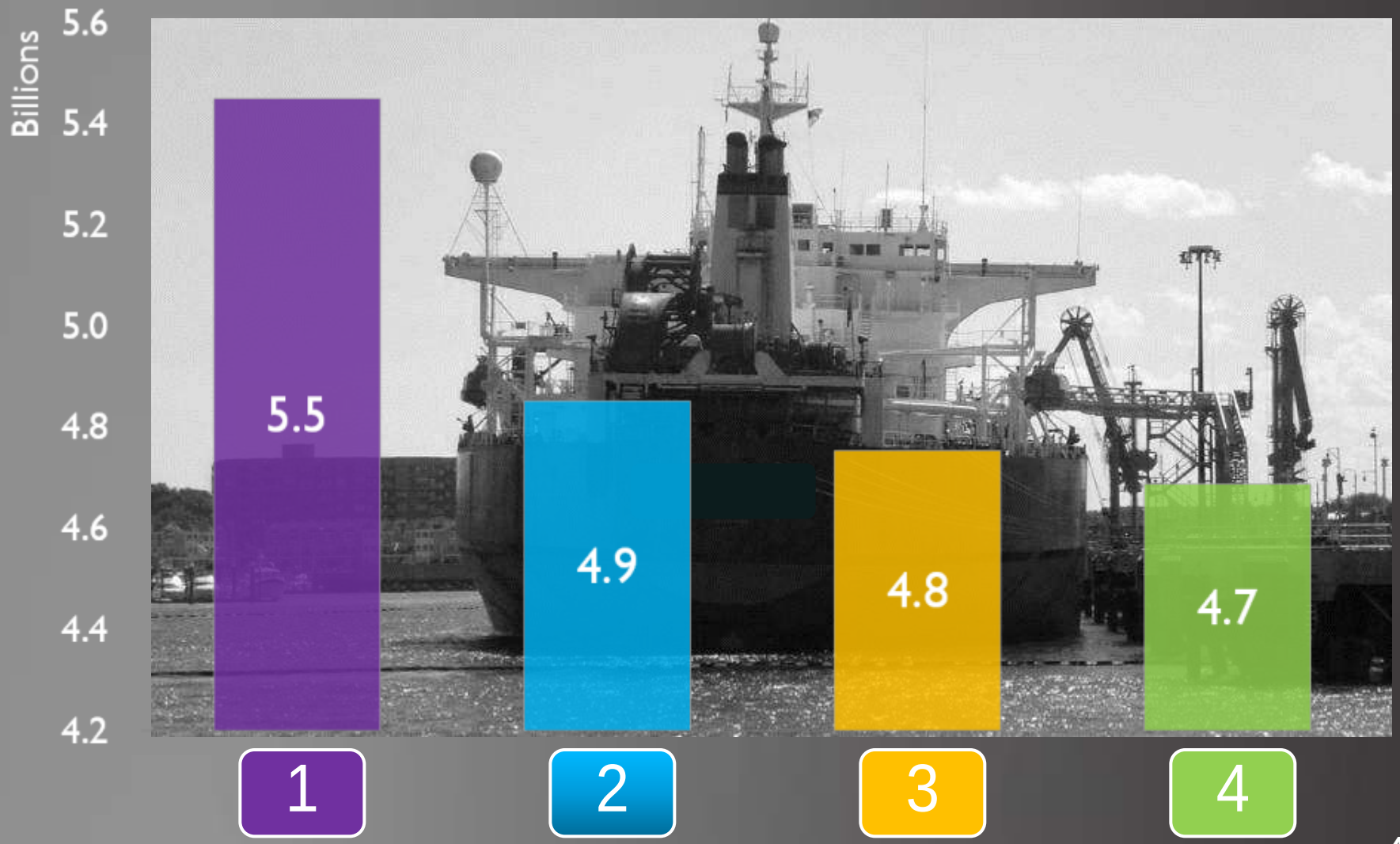


Fuel Consumption

Billions of Gallons, 2035

Fuel Consumption

Billions of Gallons, Annual, 2035



Household Costs

Annual Costs for Transportation, Building Energy, and Water, 2035

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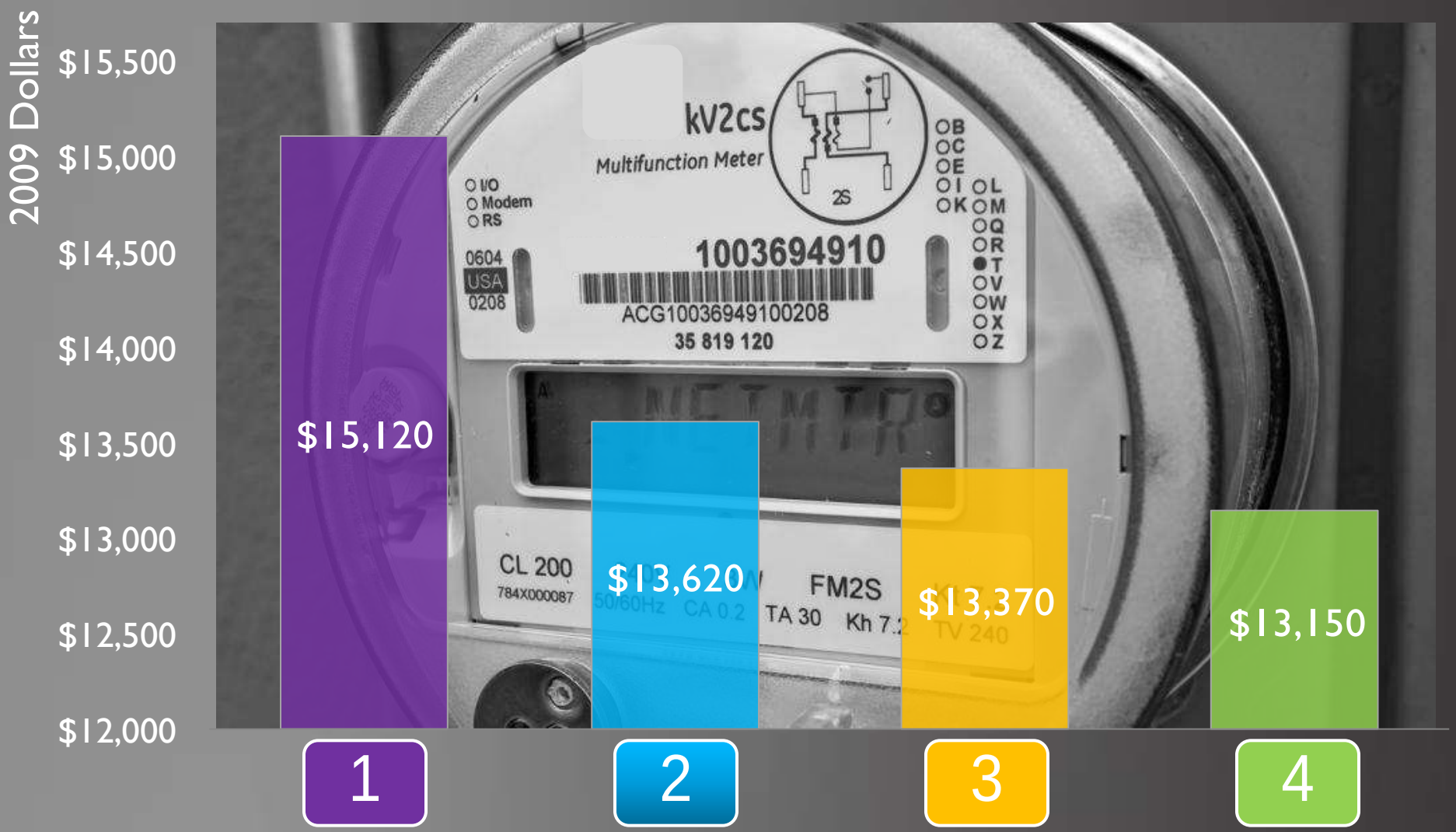

Greenhouse Gas Emissions

Annual Emissions from Buildings and Auto Transportation, 2035

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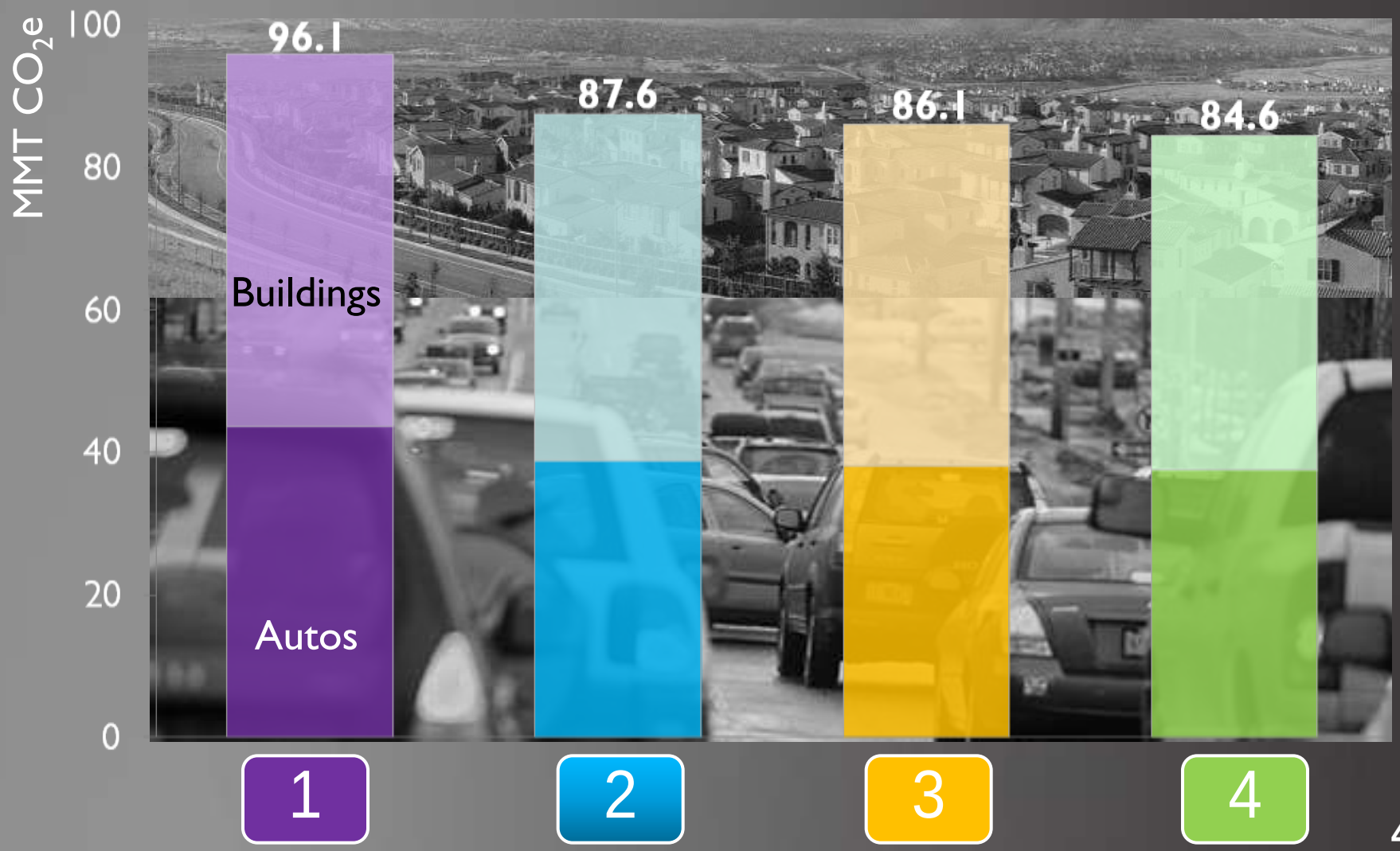
Annual Emissions from Buildings and Auto Transportation, 2035

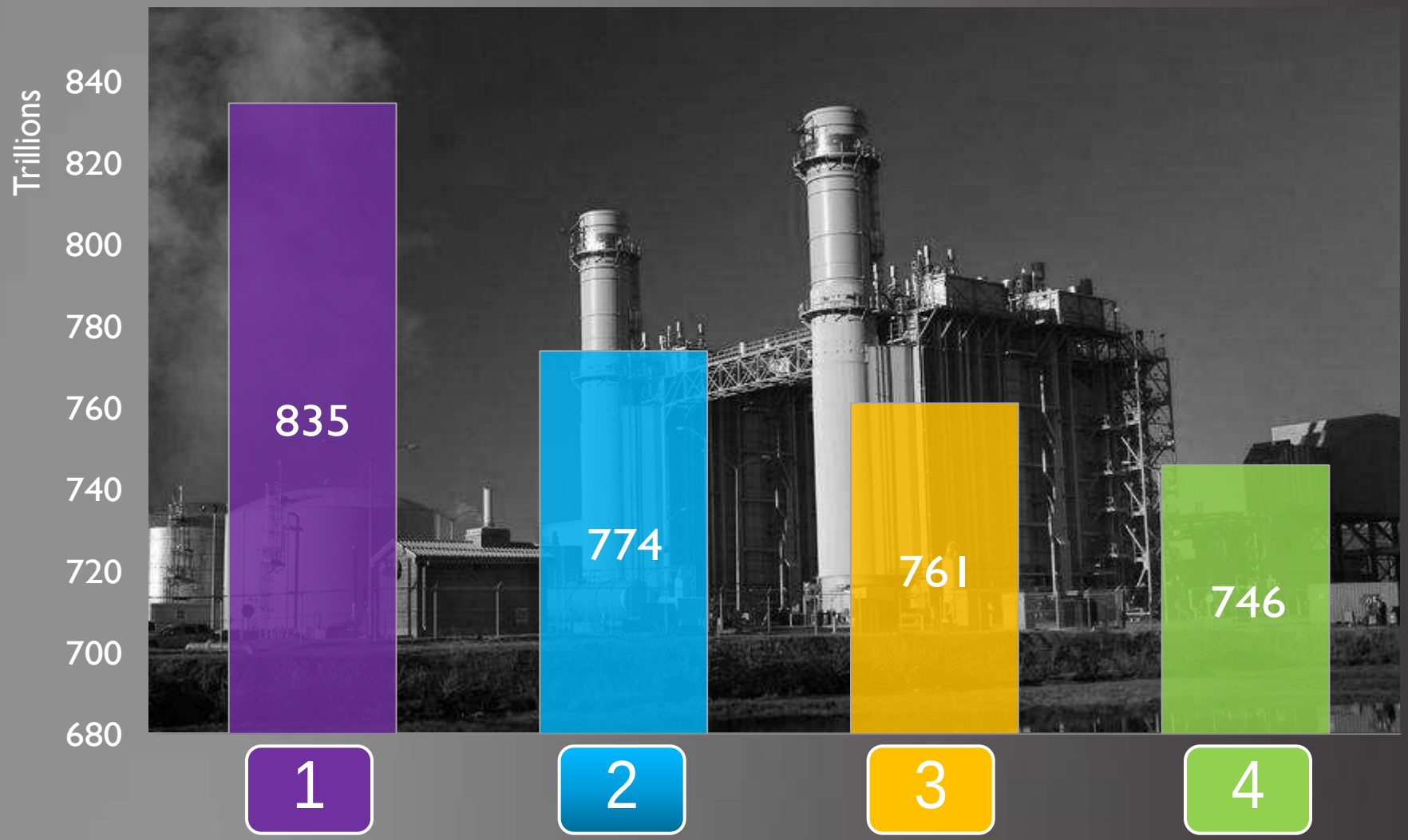


Building Energy Use

Trillion BTU, 2035

Building Energy Use

Trillion BTU, Annual, 2035

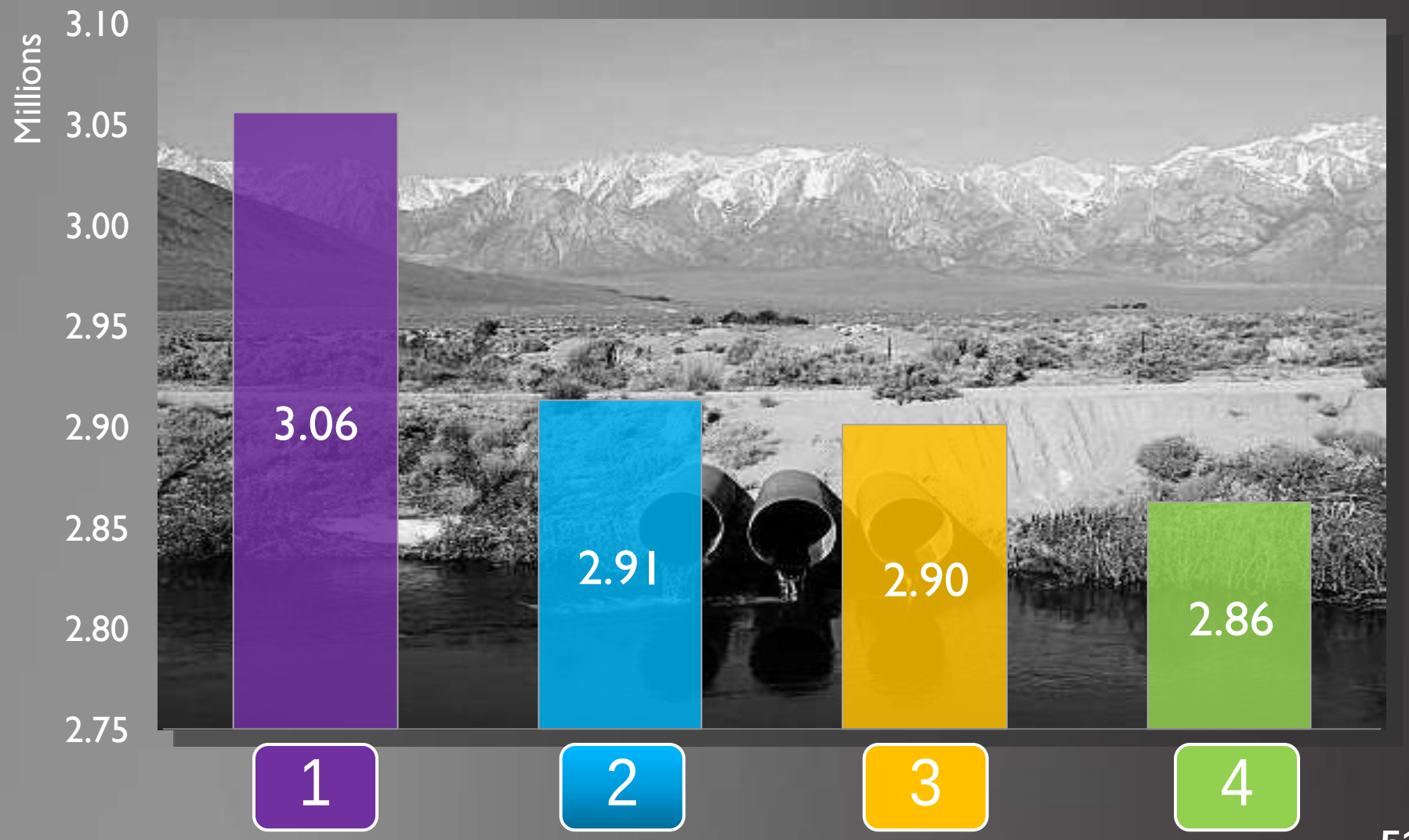


Water Consumption

Acre Feet (Annual in 2035)

Water Consumption

Acre Feet (Annual in 2035)



Respiratory Health Impacts

Cost reduction from status quo due to health incidents, Annual in 2035

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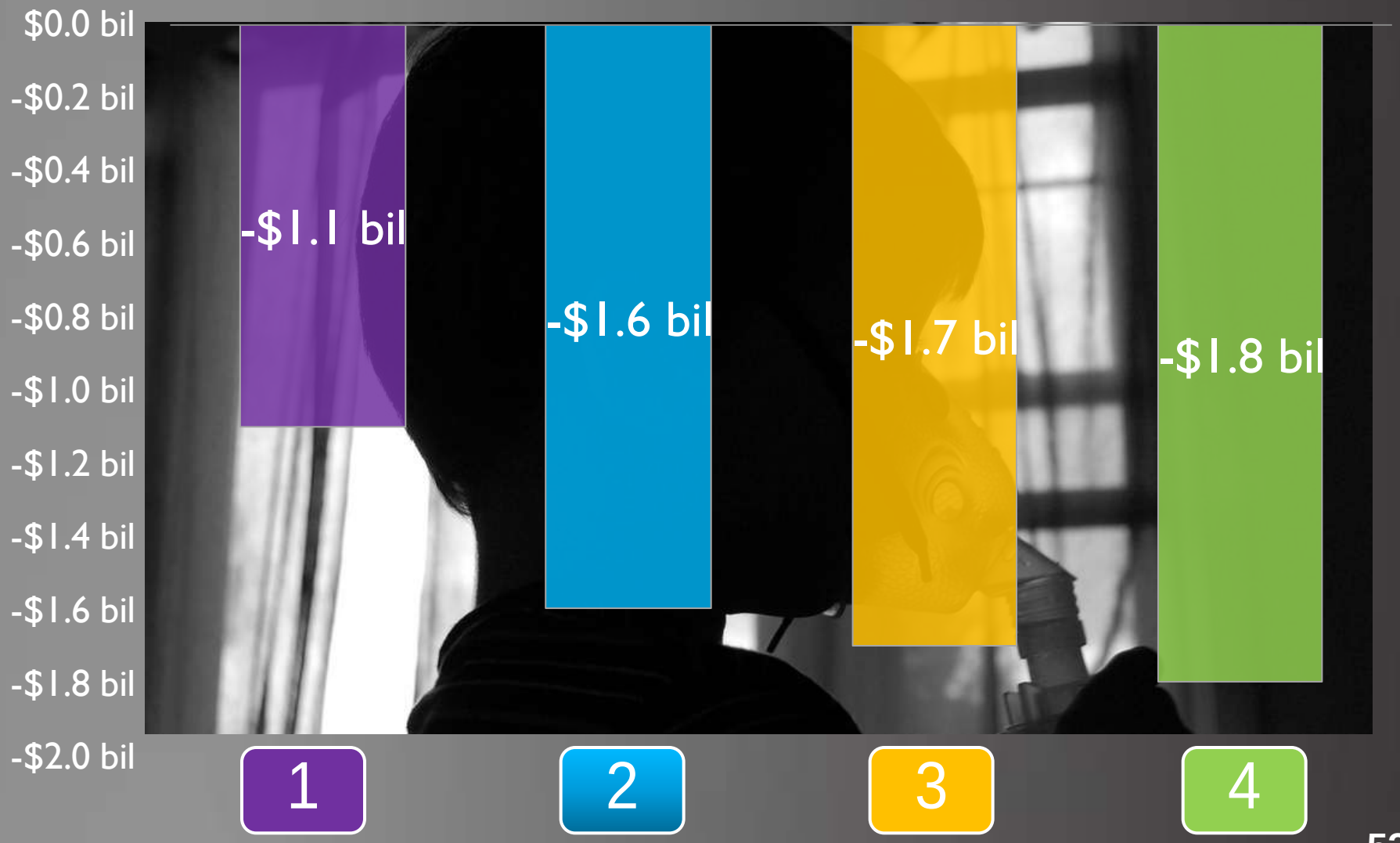


Objectives for the Regional Transportation Plan

Group Discussion

RTP Objectives: what should the plan work to accomplish?

1. What Mobility / Accessibility objectives should we strive for?
2. Environmental, Health and Community objectives?
3. Which Modes of Travel?
4. Fiscal and Economic objectives?
5. Safety outcomes?
6. Environmental Justice outcomes?
7. Other objectives?

Group Discussion

Group Worksheet

2012 RTP Potential Objectives for the 2012 RTP

SOUTHERN CALIFORNIA ASSOCIATION of GOVERNMENTS

Mobility

_____ 1. Reduce the need to travel long distances
_____ 2. Reduce commute times
_____ 3. Keep drives at or near the posted speed limit, reduce congestion
_____ 4. Make commutes more predictable and reliable
_____ 5. _____
_____ 6. _____
_____ 7. _____

Environmental, Health and Community Impacts

_____ 8. Reduce demand for fossil-fuels
_____ 9. Reduce air pollutant emissions for better public health
_____ 10. Reduce demand for development at the edge of the region
_____ 11. Encourage revitalization of existing communities and infrastructure
_____ 12. _____
_____ 13. _____
_____ 14. _____
_____ 15. _____

Modes of Travel

_____ 16. Create more travel choices in more places: driving, riding, walking, biking
_____ 17. Enable more people to ride public transportation
_____ 18. Enable more people to walk and bike for daily needs
_____ 19. Serve more parts of the region with high capacity roadways
_____ 20. _____
_____ 21. _____
_____ 22. _____

Fiscal and Economic Considerations

_____ 23. Help our economy thrive and be resilient (e.g., despite energy price spikes)
_____ 24. Keep governmental transportation expenditures low
_____ 25. Minimize household transportation expenditures (how much it costs me to get around)
_____ 26. Prioritize the most cost effective transportation investments
_____ 27. Improve the movement of freight through the region
_____ 28. _____
_____ 29. _____
_____ 30. _____

Safety

_____ 31. Improve safety for people who walk, take transit, or bike
_____ 32. Improve safety for drivers
_____ 33. _____
_____ 34. _____

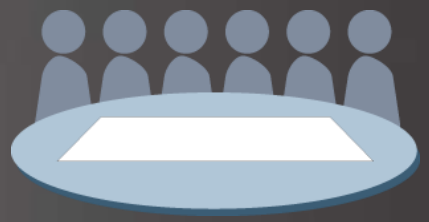
Environmental Justice

_____ 35. Help all residents, not only drivers, get around
_____ 36. Avoid disproportionate impacts on lower income communities
_____ 37. _____
_____ 38. _____

Other

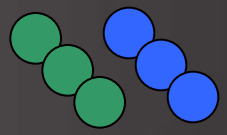
_____ 39. _____
_____ 40. _____
_____ 41. _____
_____ 42. _____
_____ 43. _____

Group Discussion Steps



1. Add to an initial list of objectives for the RTP
2. Individually, place an orange dot next to your top priority objective

3. Discuss as a group
4. Individually, place 6 small dots based on your priority objectives

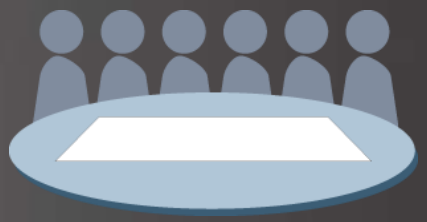


5. Identify your group's overall priorities to be shared

Ground Rules

1. **Be respectful of each other**'s right to be heard
2. **Focus on related topics** to the regional transportation plan
3. Your **facilitator is neutral**
4. Feel free to also **record your personal ideas** on comment cards

Group Discussion Steps



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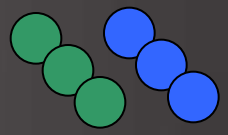

5. Select a spokesperson to report your group's priorities to overall participants