

what if?

alternative growth scenarios



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alternative growth scenarios

for projections 2009

San Francisco, October 30, 2008

Performance Targets

↓ Driving per capita by 10 percent

↓ Carbon emissions by 40 percent

↓ PM2.5 by 10 percent

↓ PM10 by 45 percent

↓ Congestion by 20 percent

↓ Greenfield Development

↑ Non-auto access to jobs and services by 20 percent

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alternative growth scenarios



Two Futures, Circa 2035

Scattered Success

- Consistent w/ Projections 2007
- Some growth in urbanized areas, near job centers and transit
- Within cities, growth mostly continues as projected within local plans
- Continued growth in areas far from jobs, without transit or walkability, i.e. North Bay and eastern Contra Costa

Focused Future

- More aggressive than Proj. 2007
- Most growth in urbanized counties, near jobs and transit
- Within counties & cities, growth directed to downtowns and transit areas to promote, non-auto mobility
- Nominal growth in areas without transit or jobs, i.e. North Bay counties, eastern Contra Costa

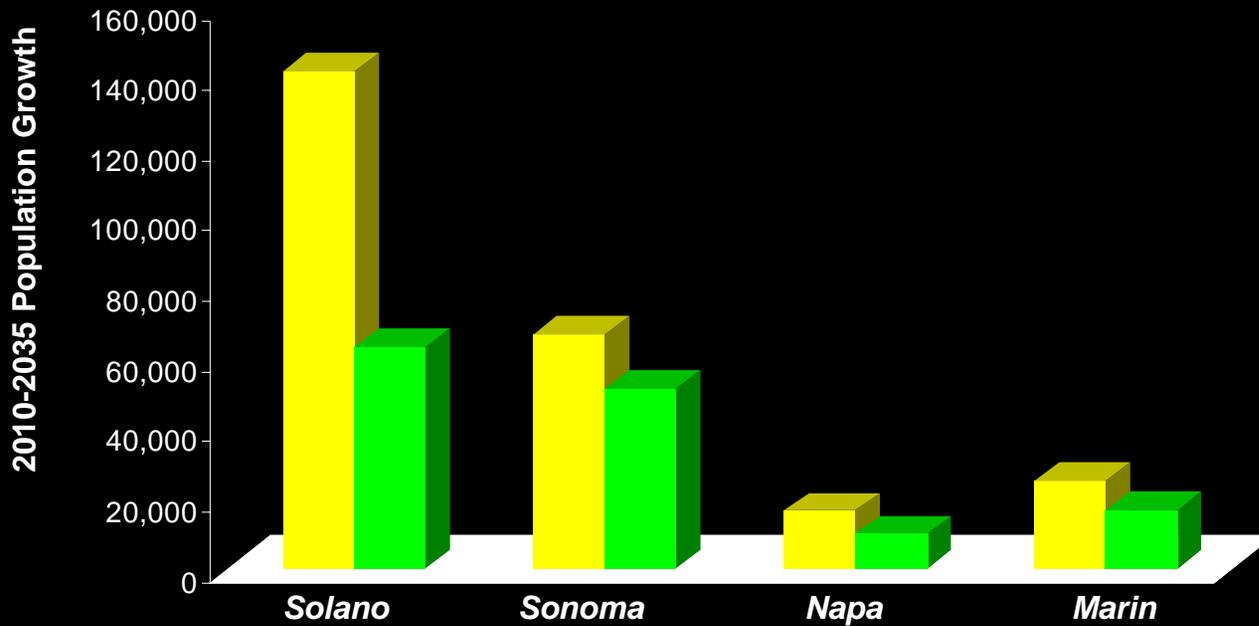
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Two Futures, Circa 2035

Total Population North Bay



■ Scattered Success
■ Focused Future

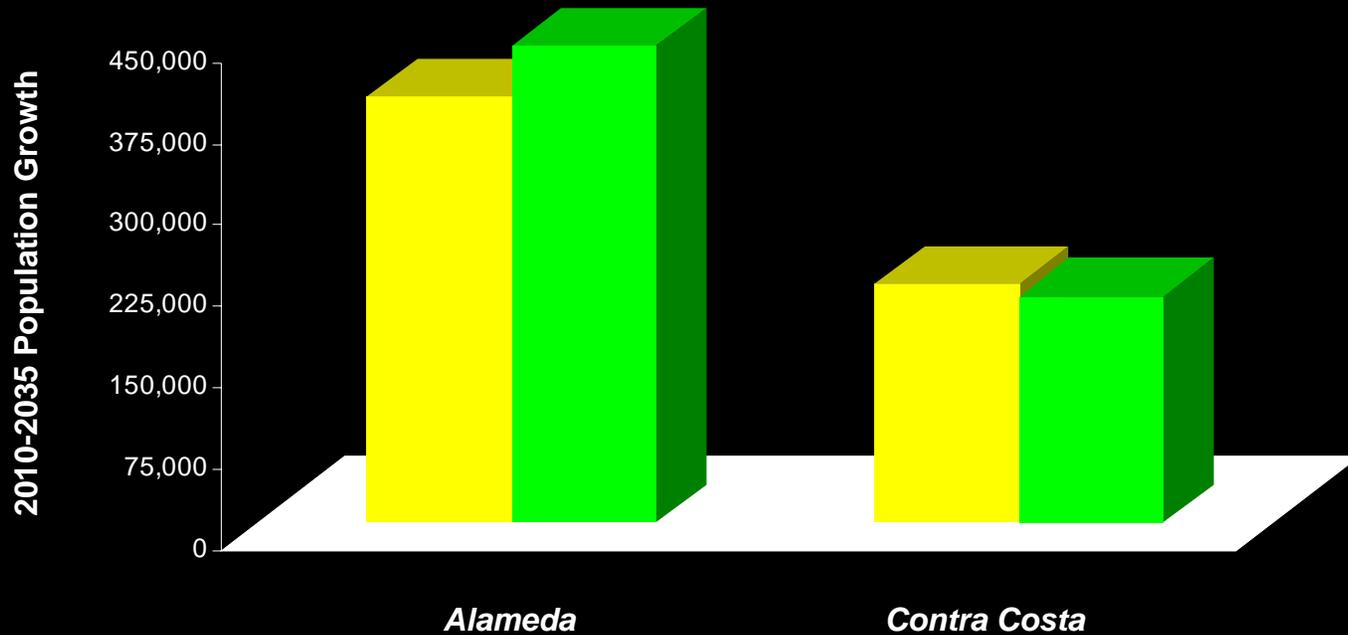
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Two Futures, Circa 2035

Total Population East Bay



■ Scattered Success
■ Focused Future

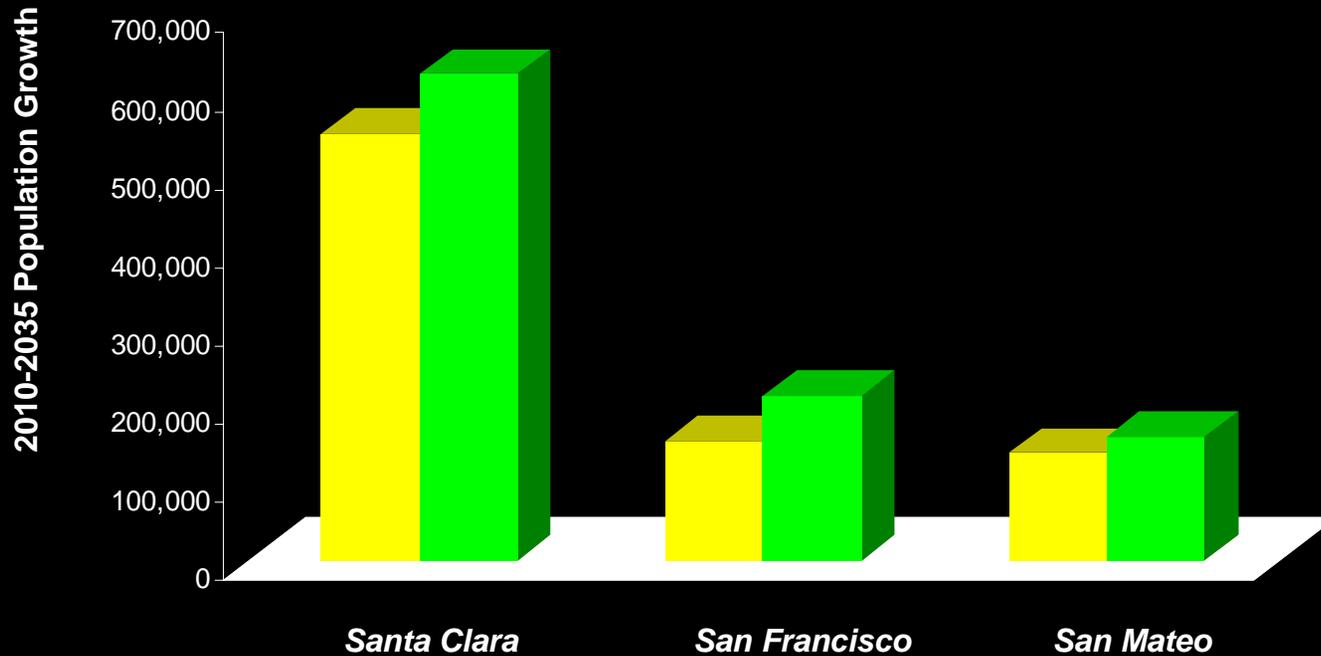
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Two Futures, Circa 2035

Total Population Santa Clara, San Francisco, San Mateo



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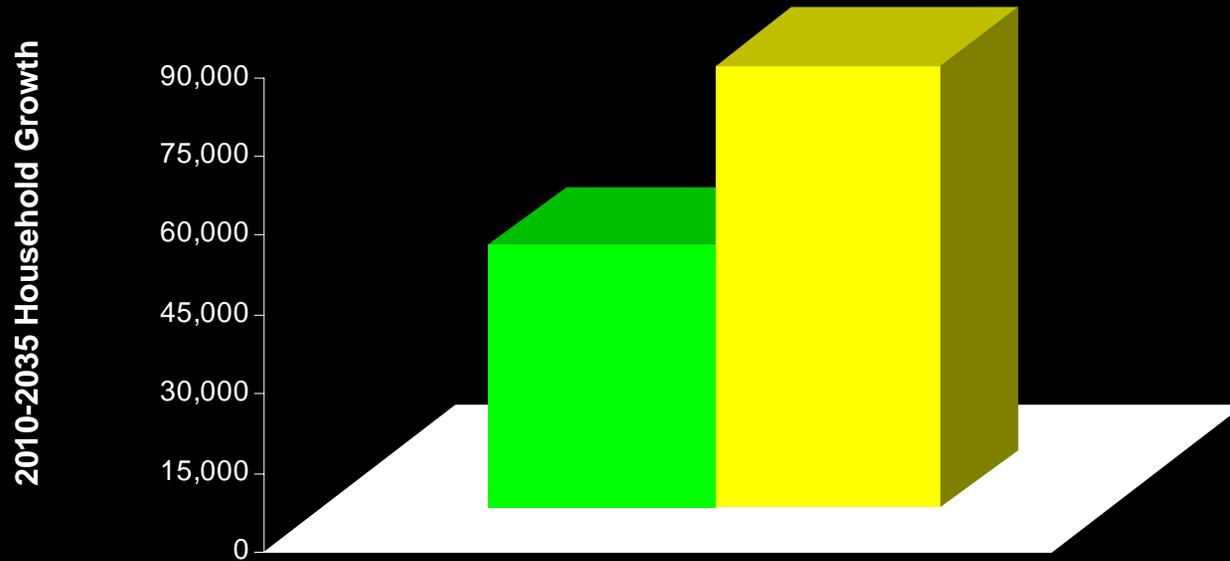
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■ Scattered Success
■ Focused Future

Two Futures, Circa 2035

San Francisco Housing



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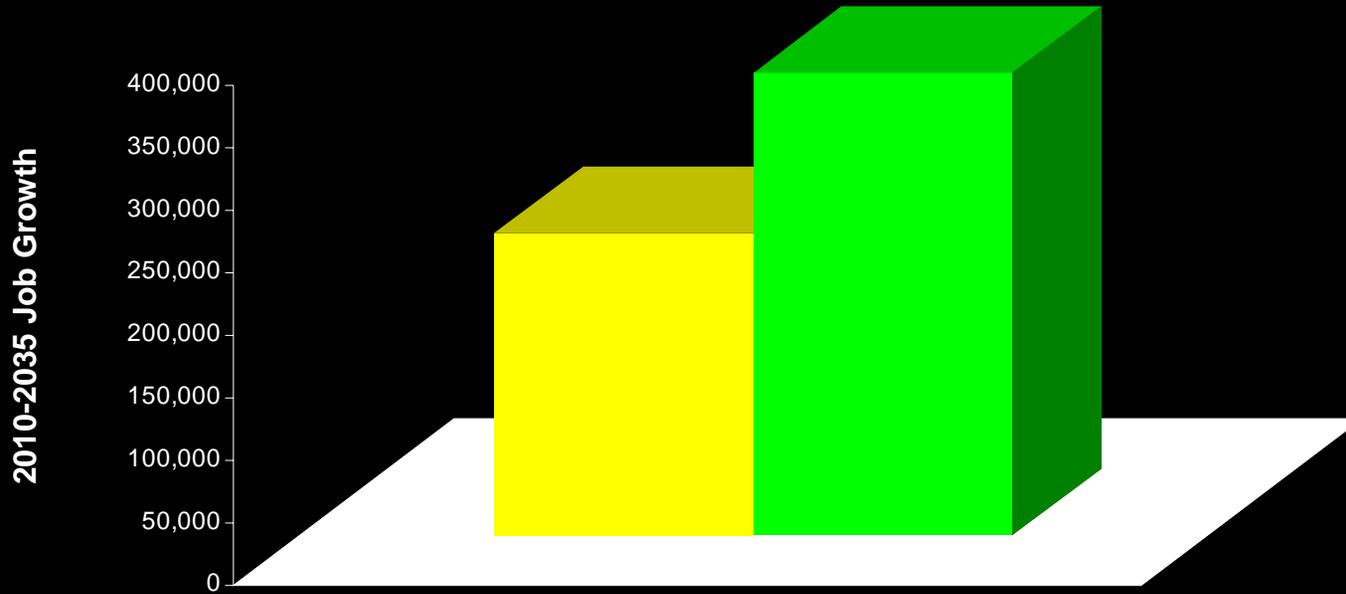
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San Francisco Jobs



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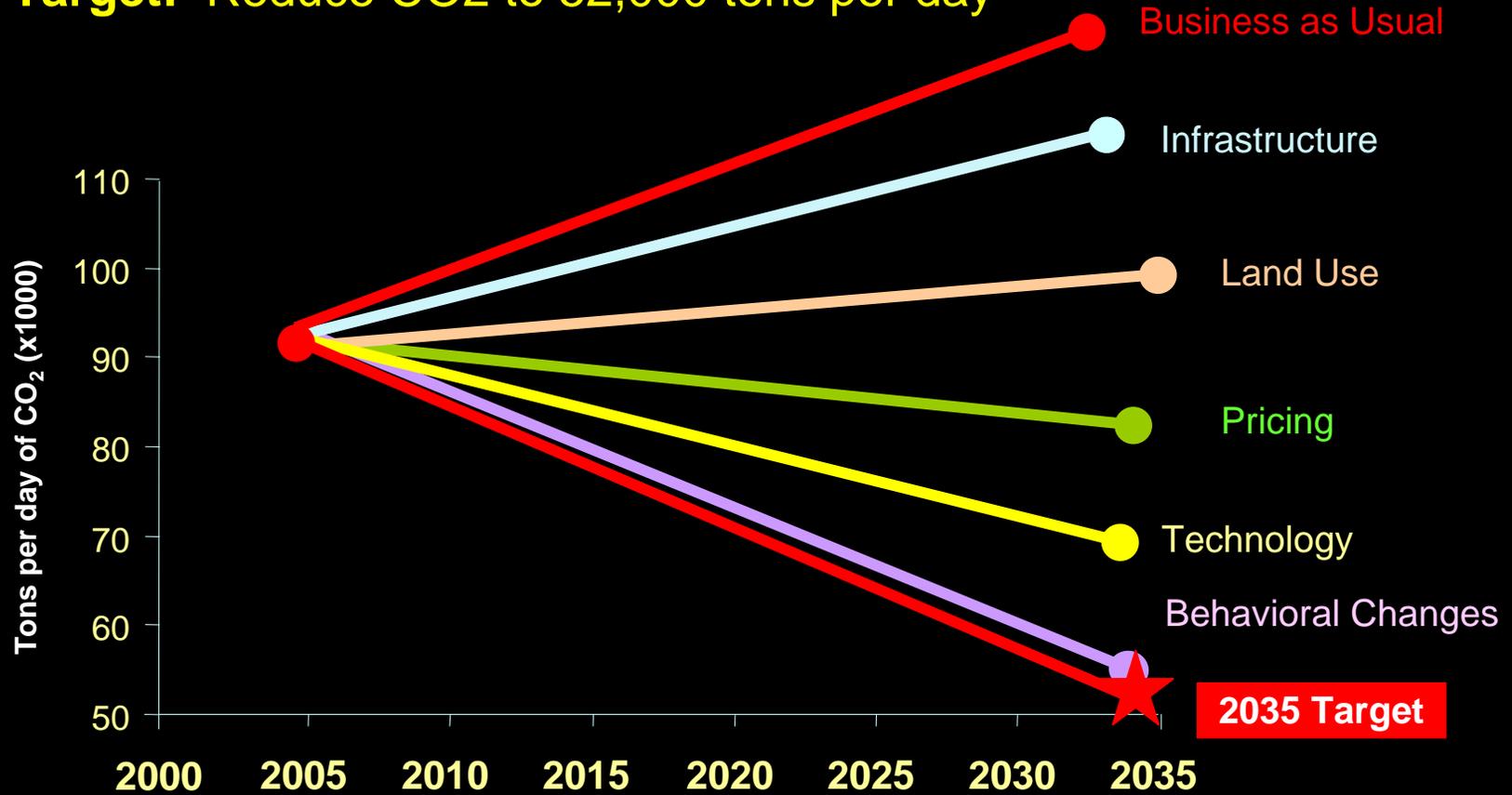
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Scattered Success
Focused Future

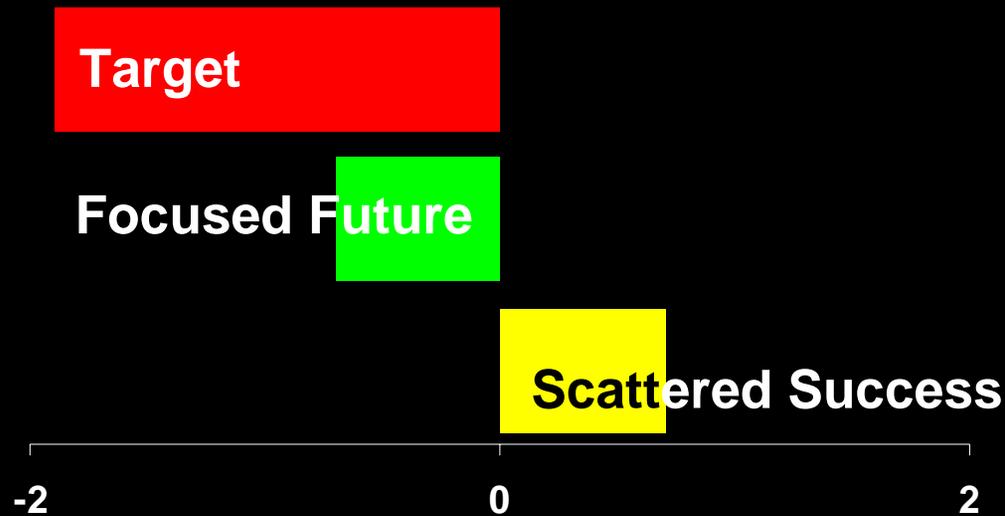
Land Use Necessary, Not Sufficient

Target: Reduce CO₂ to 52,000 tons per day



Land Use Performance

Regional VMT per/capita



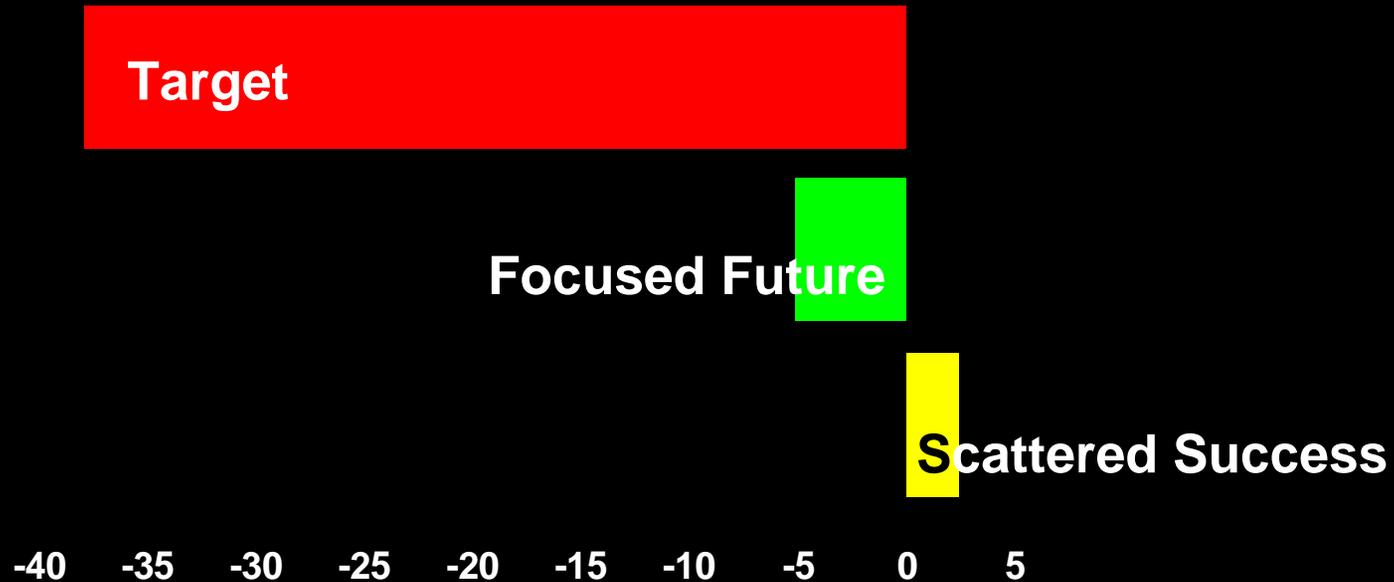
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Land Use Performance

Regional CO₂ Emissions



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Land Use Performance

Regional Delay per/capita

Target

Focused Future

Scattered Success

-6

-1

4

9

14

what if?

alternative growth scenarios



Land Use Performance

Regional Particulate Matter₁₀

Target

Focused Future

Scattered Success

-31 -26 -21 -16 -11 -6 -1 4 9 14 19 24 29

what if?

alternative growth scenarios



Land Use Performance

Regional Particulate Matter_{2.5}

Target

Focused Future

Scattered Success

-3

-1

1

3

5

7

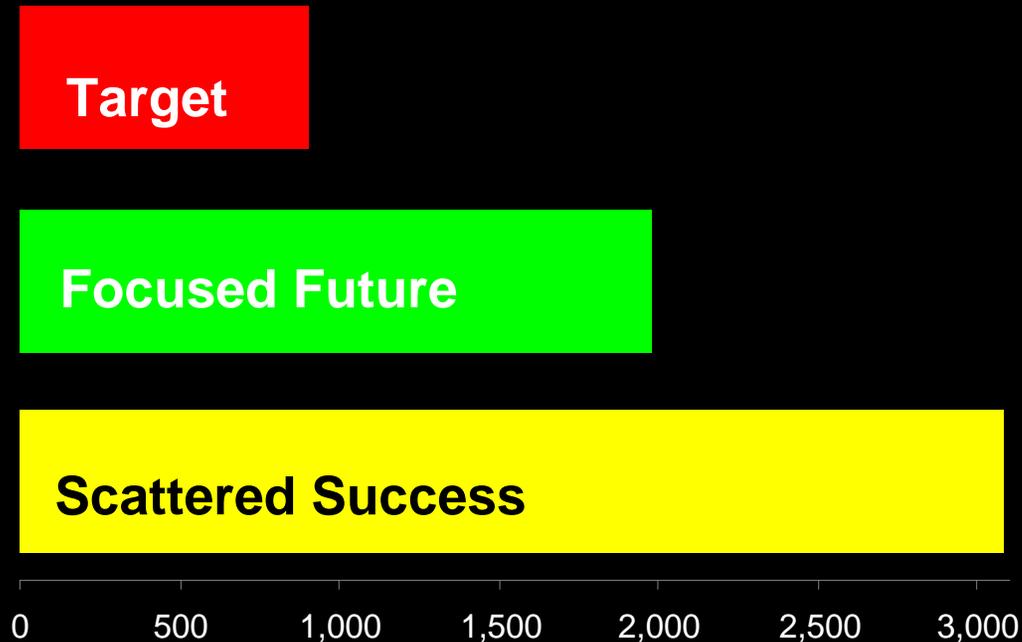
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Land Use Performance

Greenfield Development



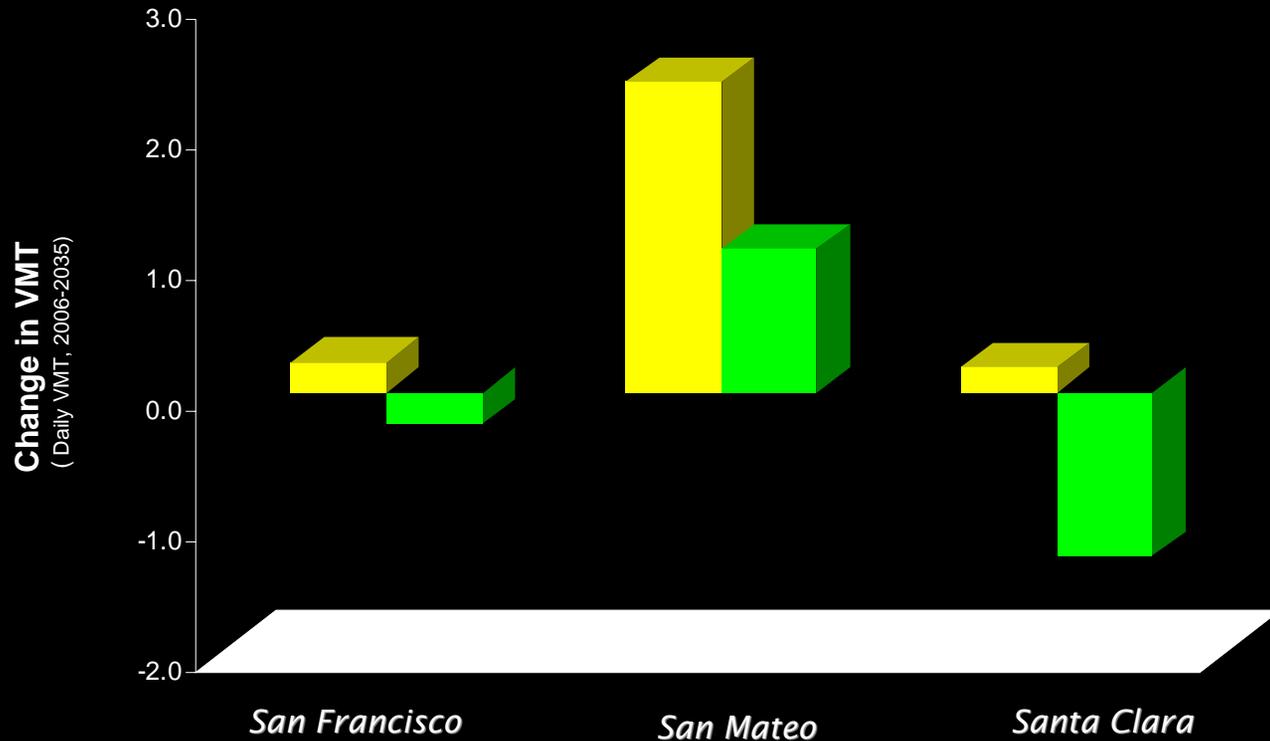
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Two Futures, Circa 2035

Alternative Futures Driving (VMT/capita)



Scattered Success
Focused Future

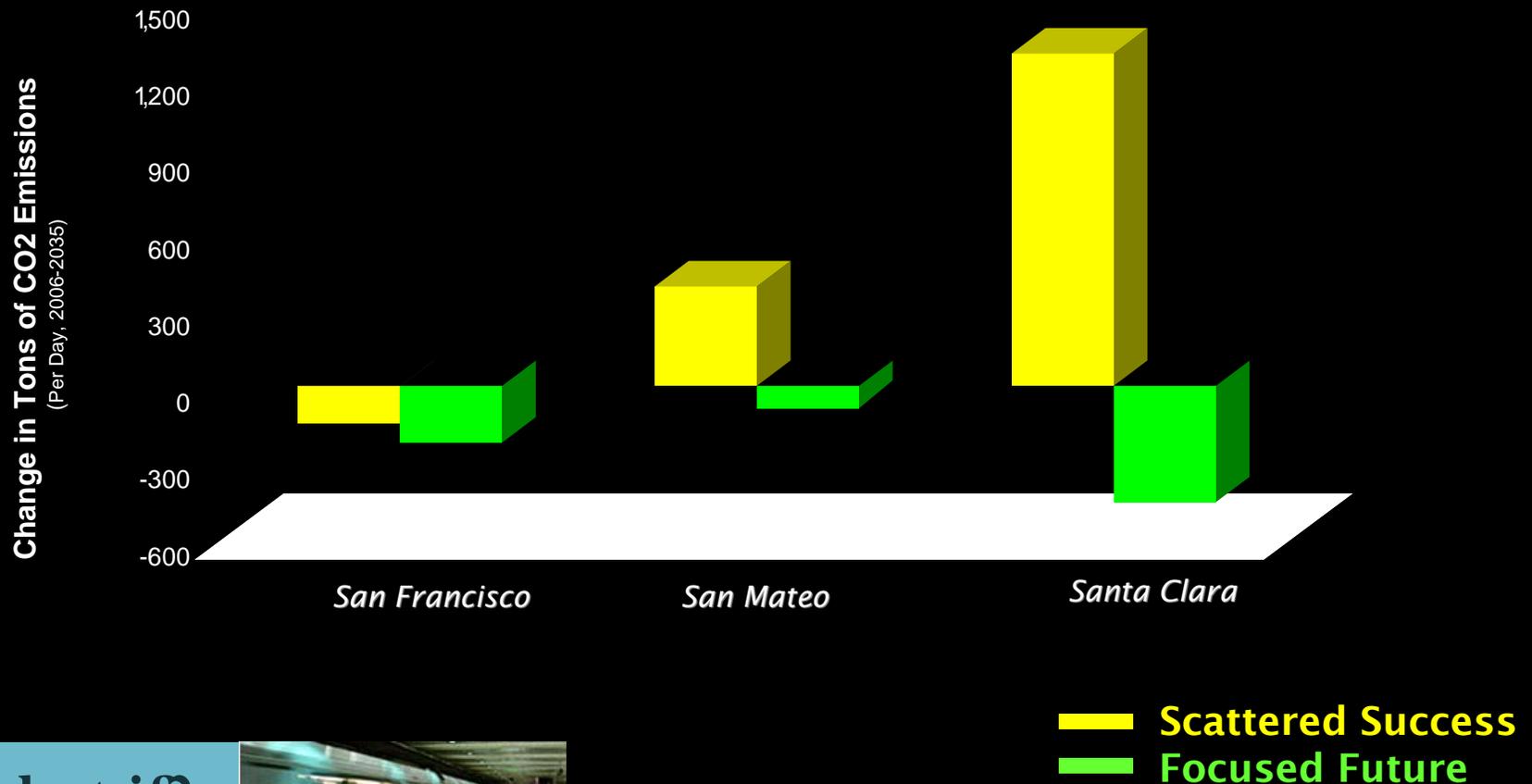
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Two Futures, Circa 2035

Alternative Futures CO₂ Emissions



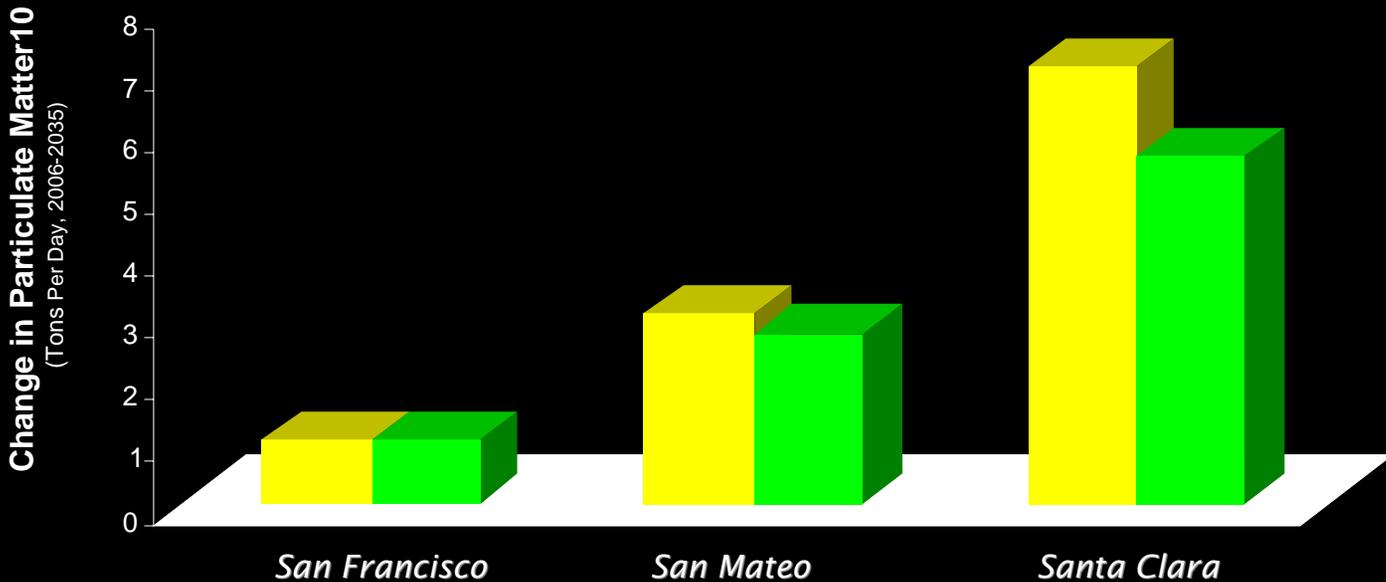
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Two Futures, Circa 2035

Alternative Futures Particulate Matter₁₀



■ Scattered Success
■ Focused Future

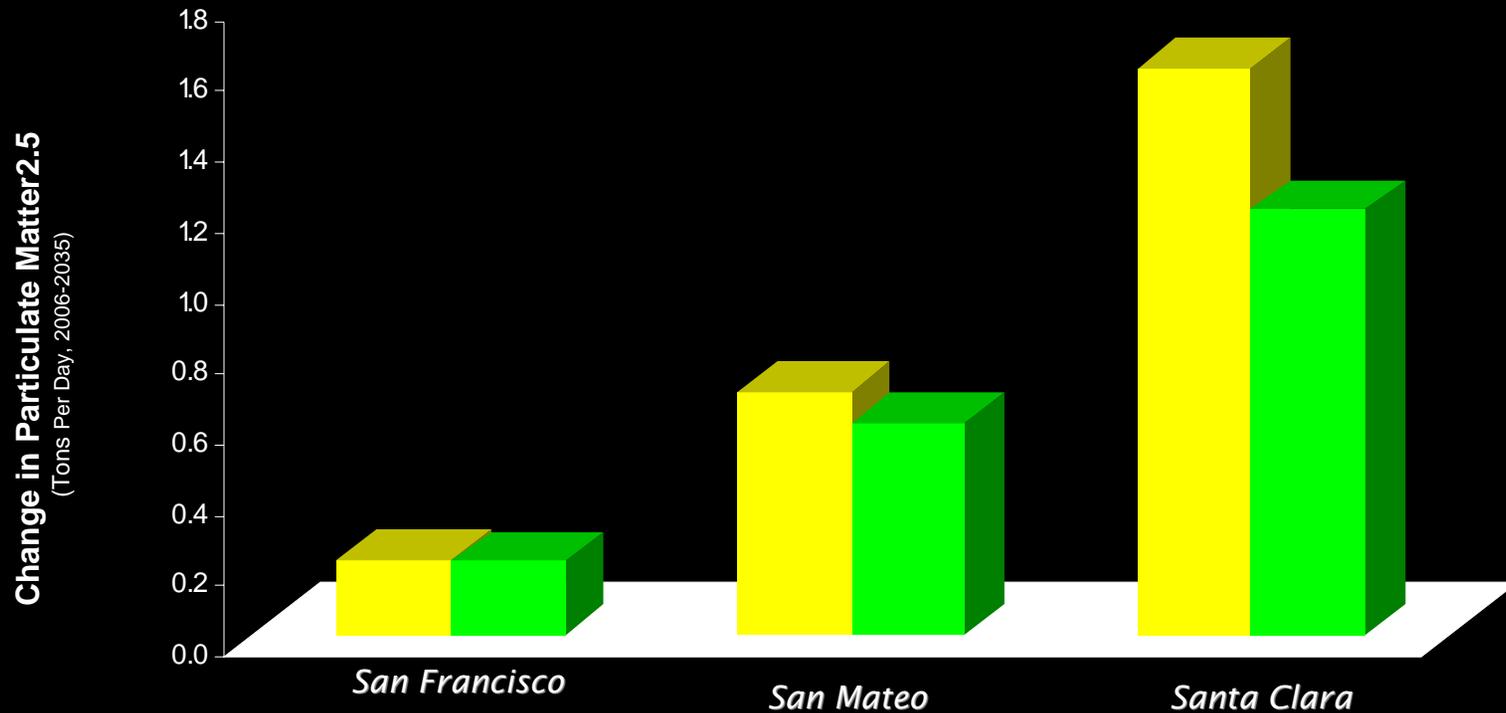
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Two Futures, Circa 2035

Alternative Futures Particulate Matter_{2.5}



Scattered Success
Focused Future

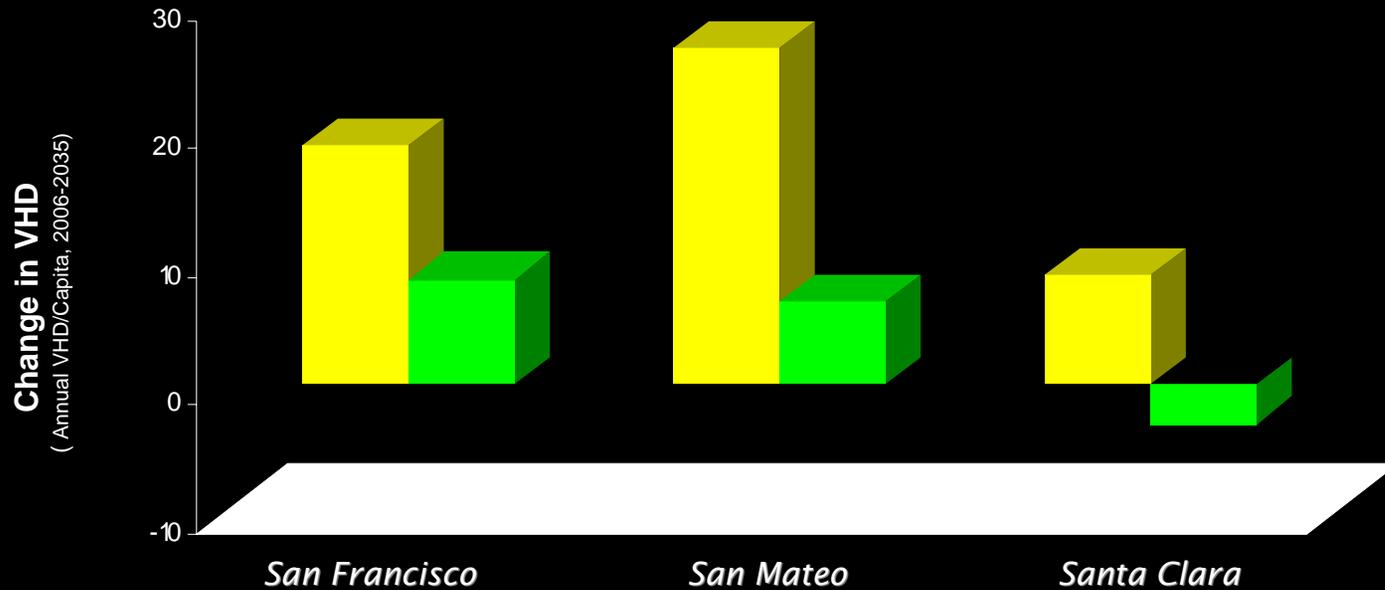
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Two Futures, Circa 2035

Alternative Futures Annual Delay (VHD/capita)



■ Scattered Success
■ Focused Future

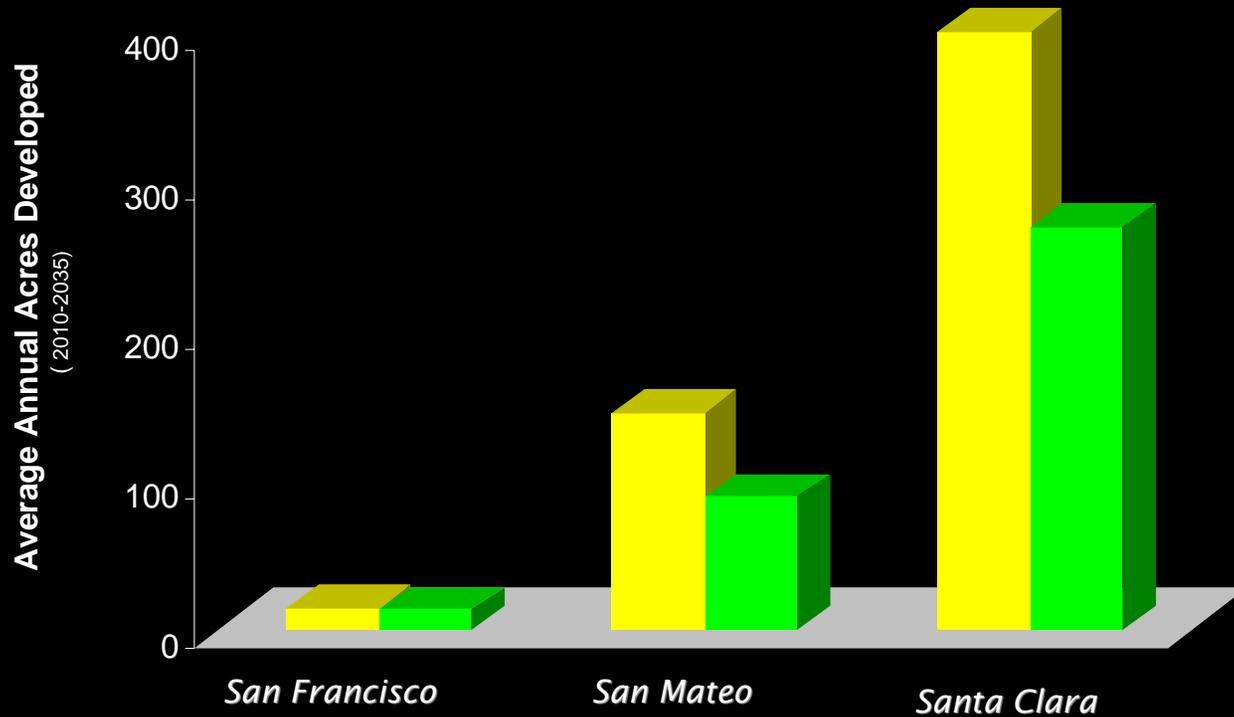
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Two Futures, Circa 2035

Alternative Futures Greenfield Development



Blue Scattered Success
Red Focused Future

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