

San Francisco

Department of the Environment

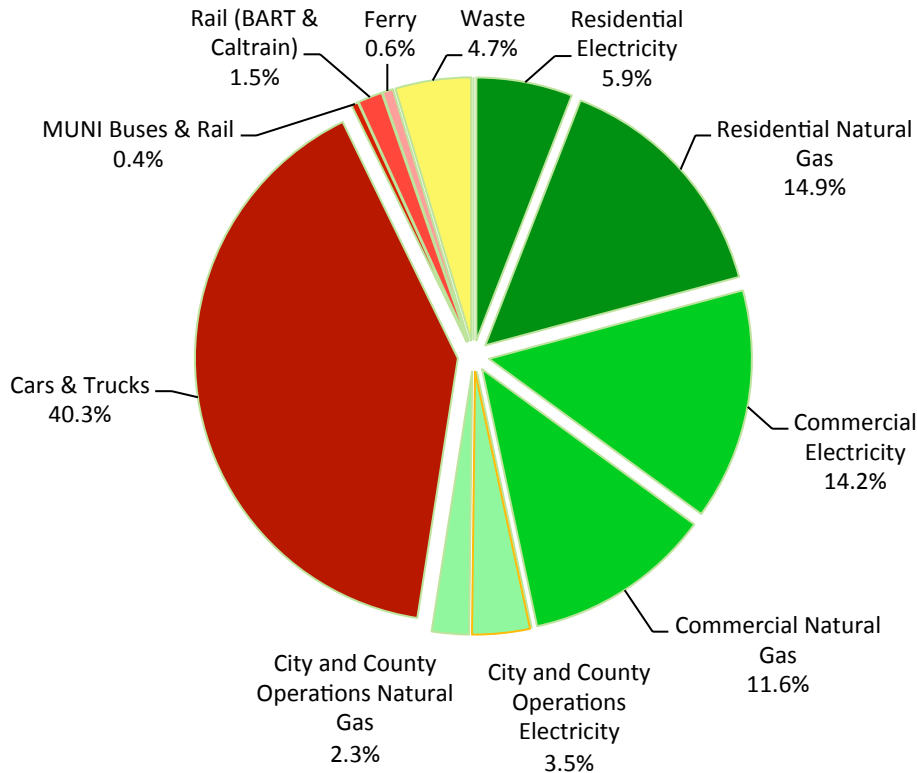
Reducing Emissions in a Growing
Economy in the City and County of San
Francisco

September 20, 2012



SF
Environment

2010 SF CO₂e Emissions by Sector



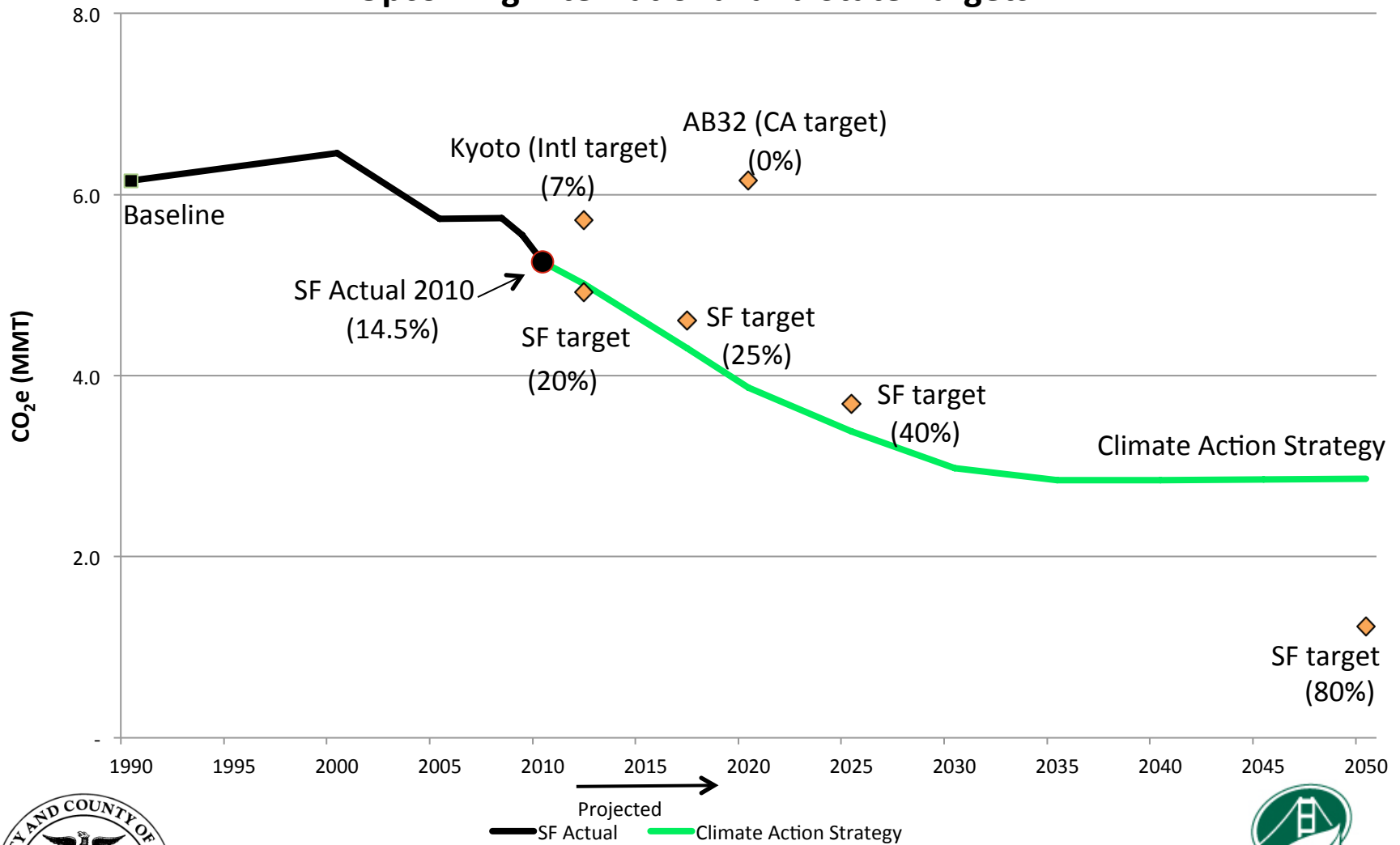
Source	CO ₂ e (MT)
Cars & Trucks	2,119,000
Residential Natural Gas	783,000
Commercial Electricity	748,000
Commercial Natural Gas	609,000
Residential Electricity	311,000
Waste	245,000
Municipal Electricity	186,000
Municipal Natural Gas	120,000
Rail (BART & Caltrain)	79,000
Ferry	34,000
MUNI	22,000
Forestry	(5,000)
Total:	5,256,000
Total with Sink:	5,251,000

5.3 million metric tons
(14.5% below 1990)



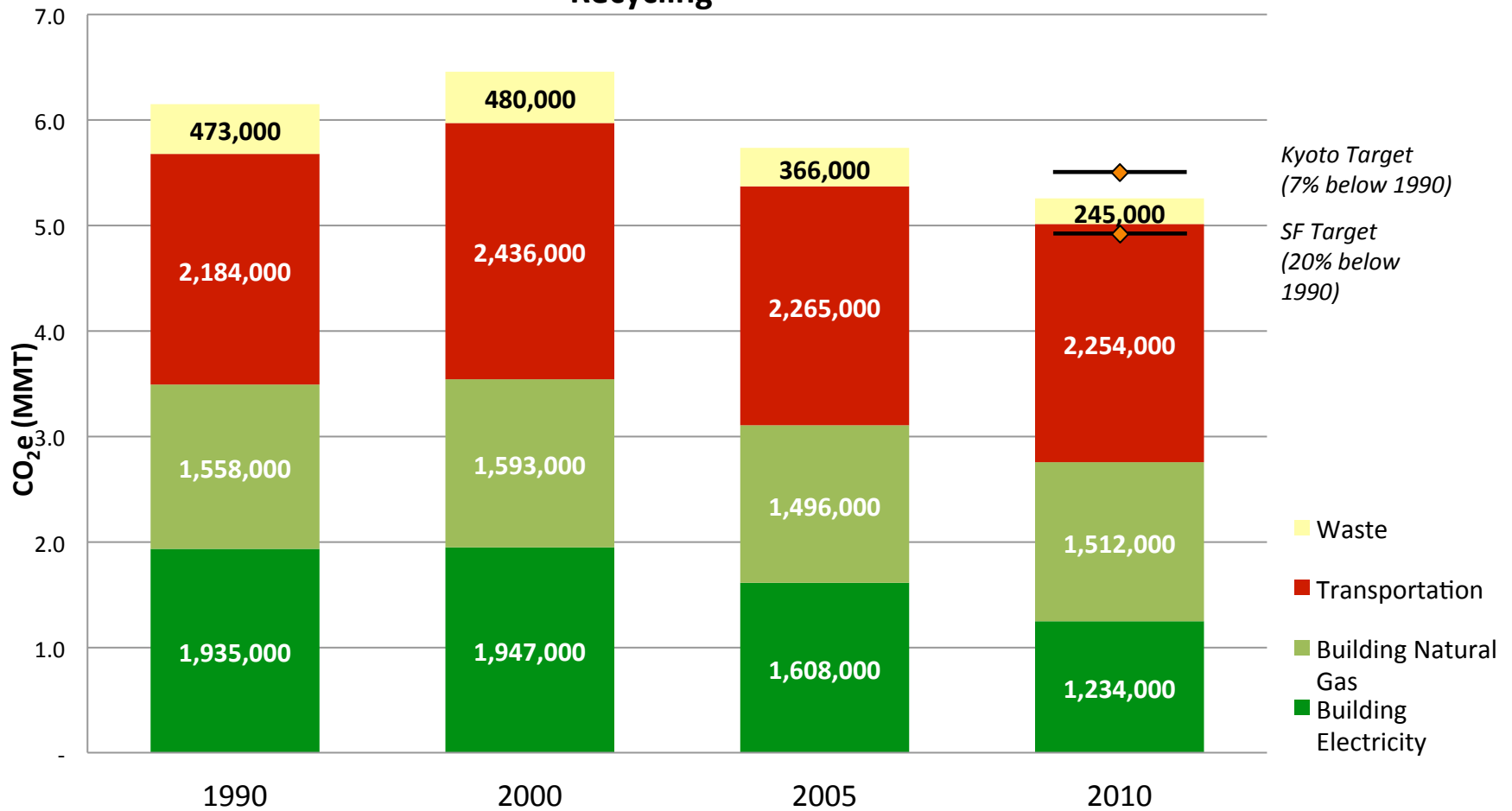
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SF Citywide CO₂ Emissions Are On Track to Beat Upcoming International and State Targets



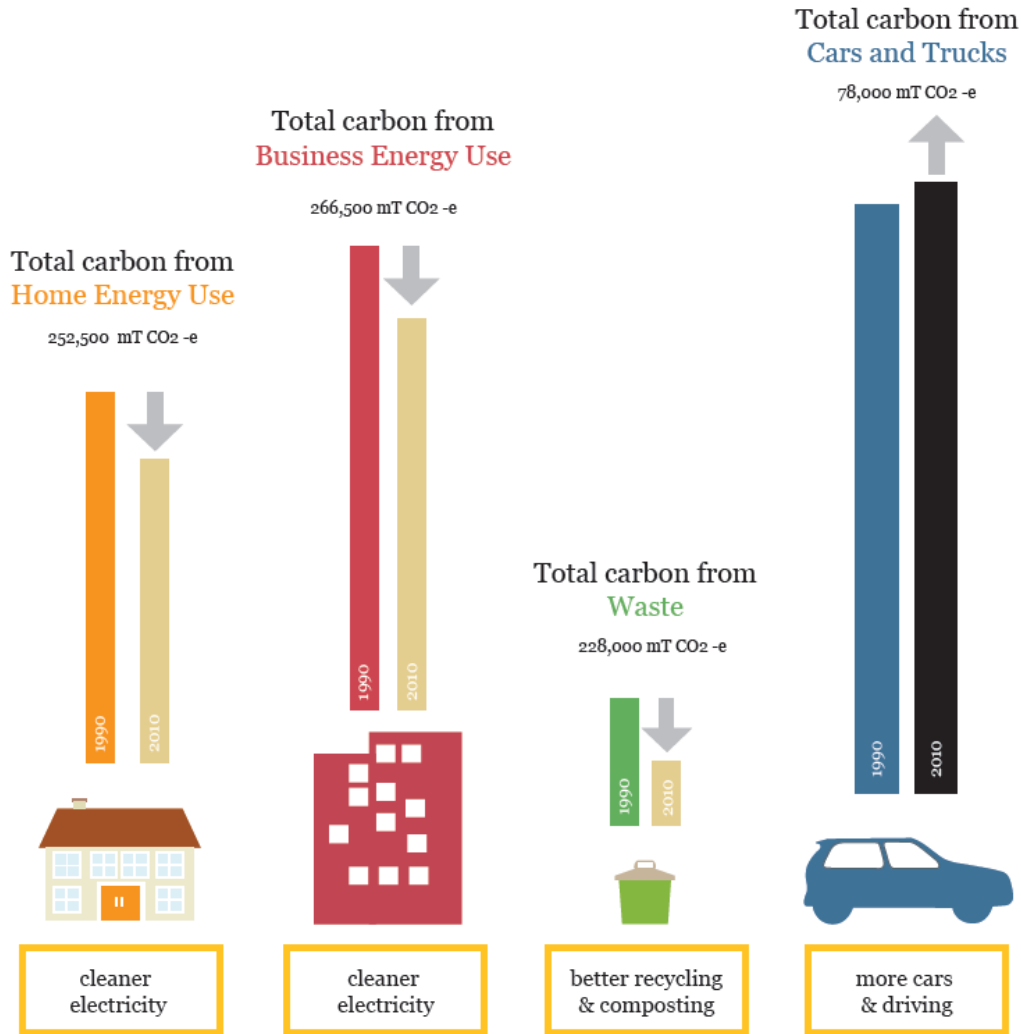
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Total SF CO₂ Emissions Decline With Cleaner Electricity and More Waste Recycling



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San Francisco CO2 Emissions 1990 vs 2010



1990 total footprint: 6.2 MMT

TOTAL REDUCTION 12%

2010 total footprint: 5.4 MMT

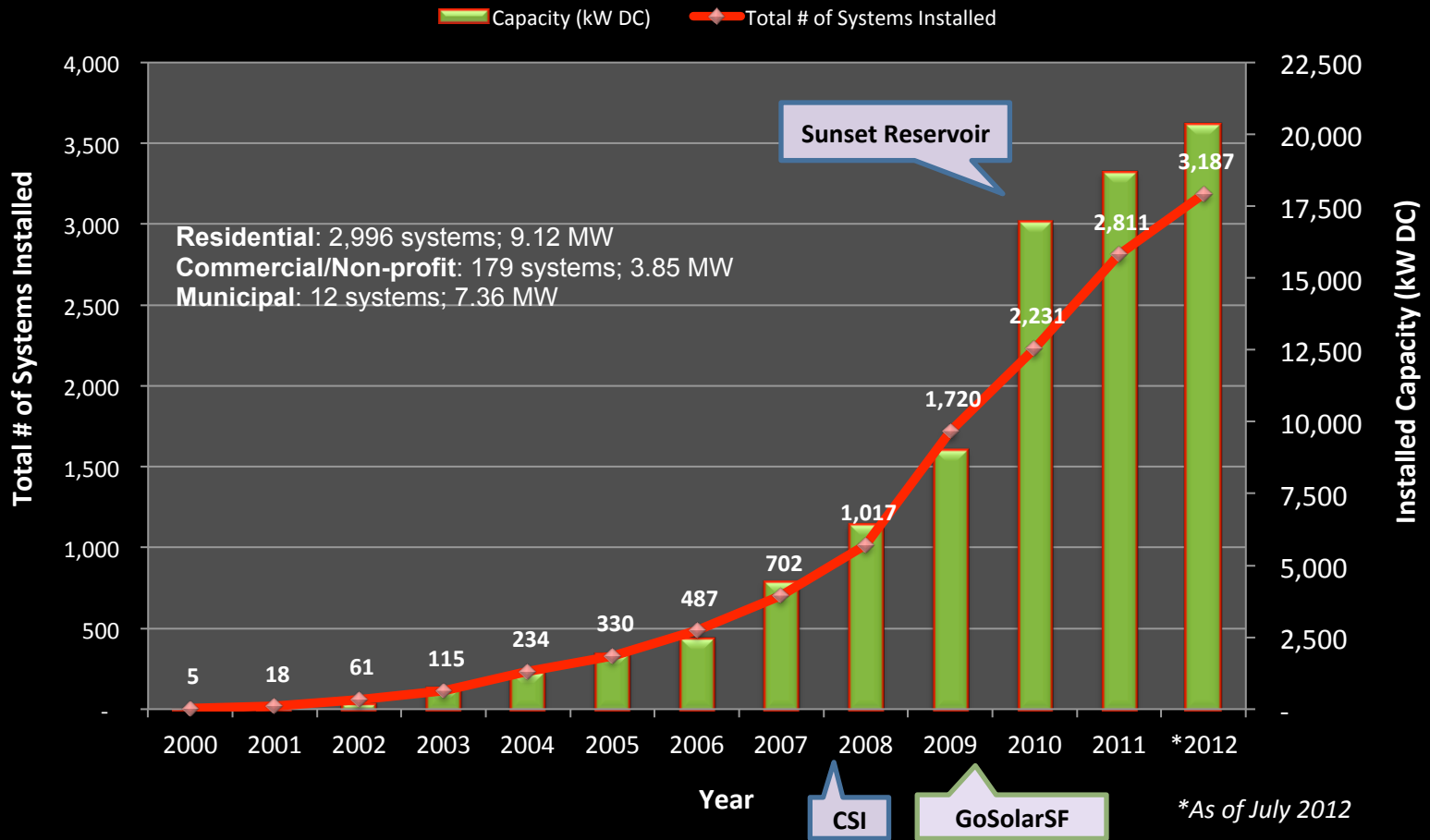
Source: San Francisco Department of the Environment, Citywide Greenhouse Gas Inventory



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San Francisco Solar PV Installations

(2000-2012)



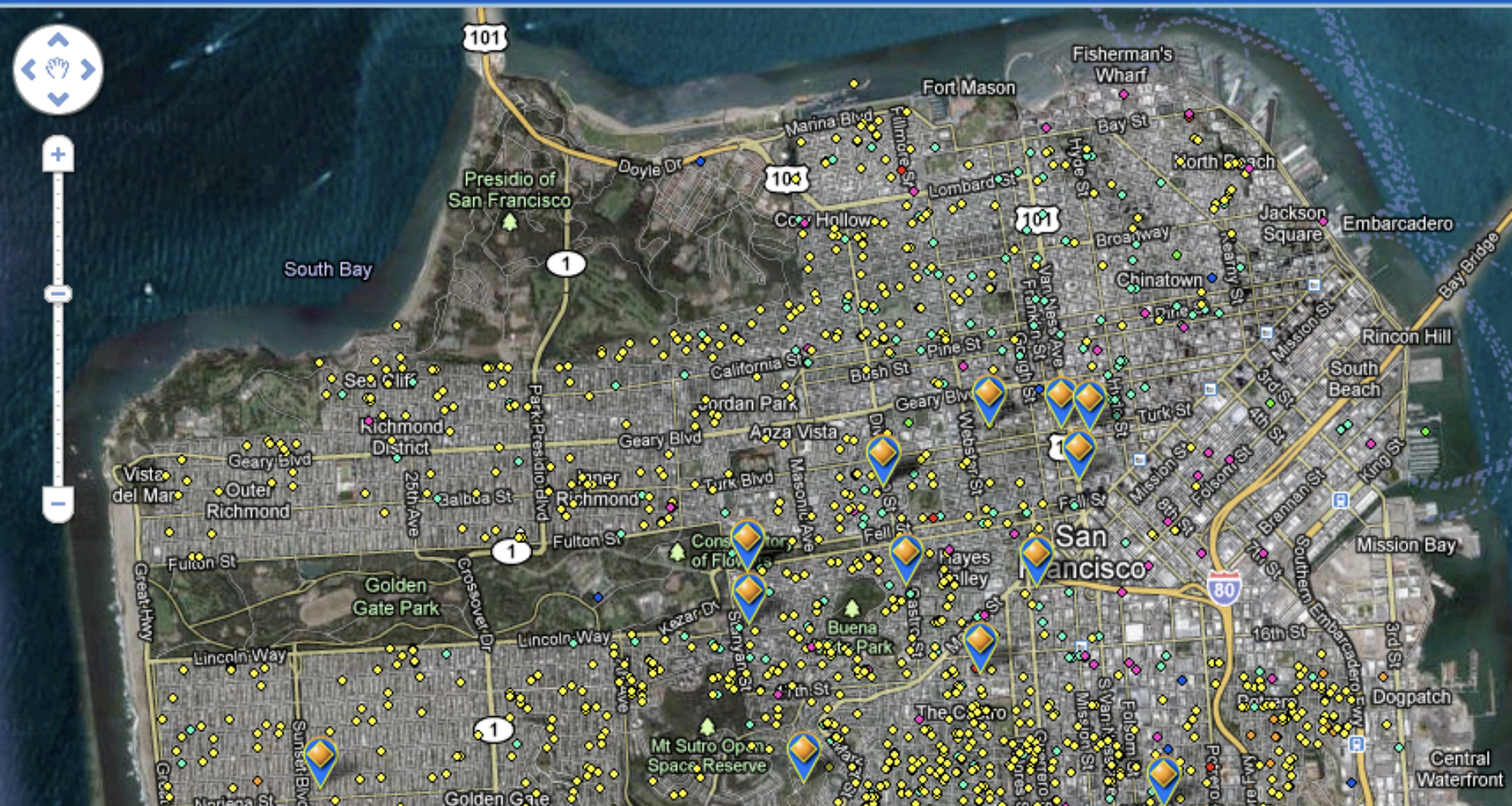


San Francisco Solar Map

A MAP OF SOLAR ACTIVITY AROUND THE CITY



Reset Map Back

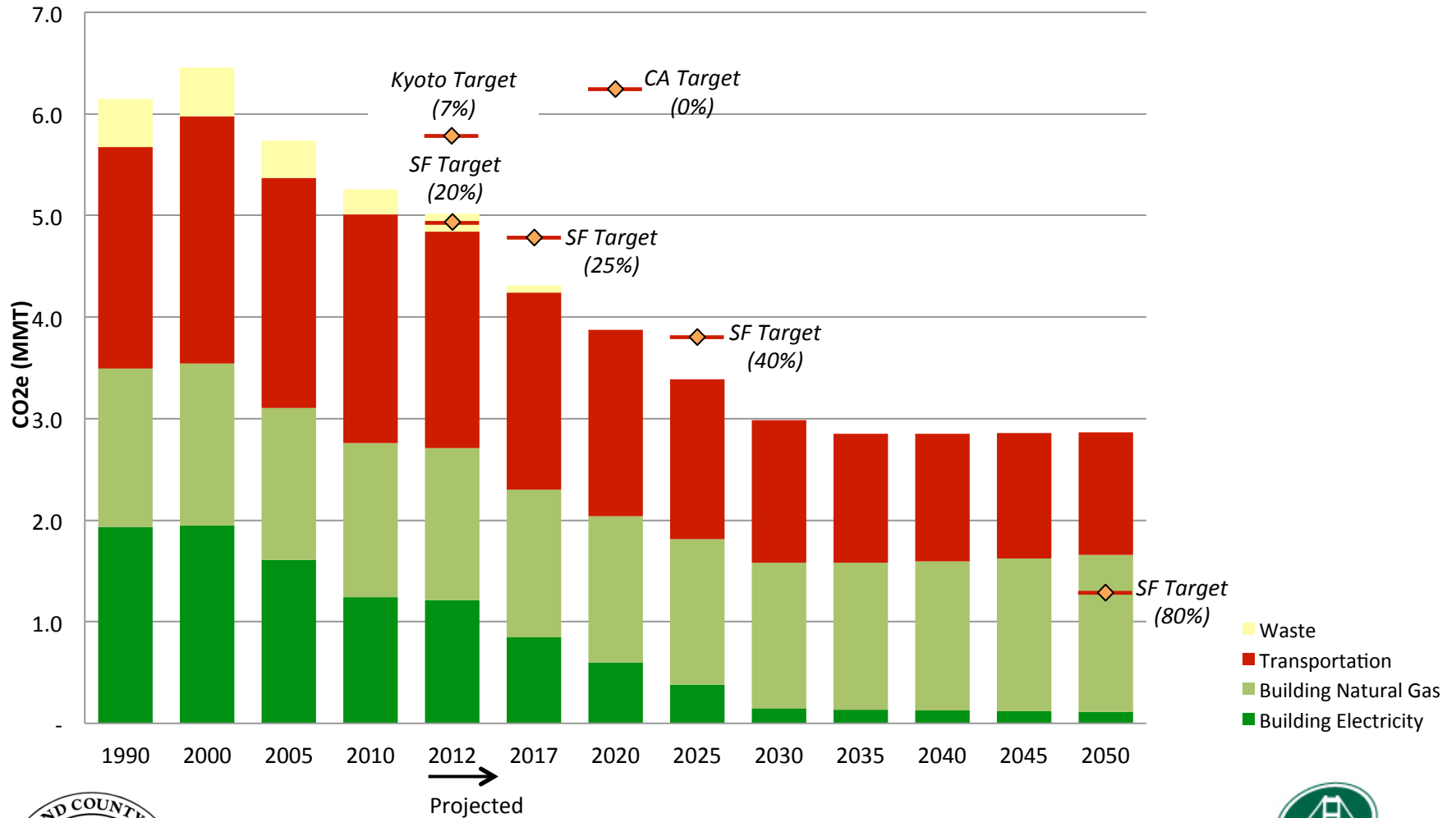


July 2012: 3,187 solar photovoltaic systems; 20 megawatts



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SF's Climate Actions Projected to Beat Local Targets thru 2025



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Next Phase for SF's Climate Strategy

Projected GHG Reductions by 2030

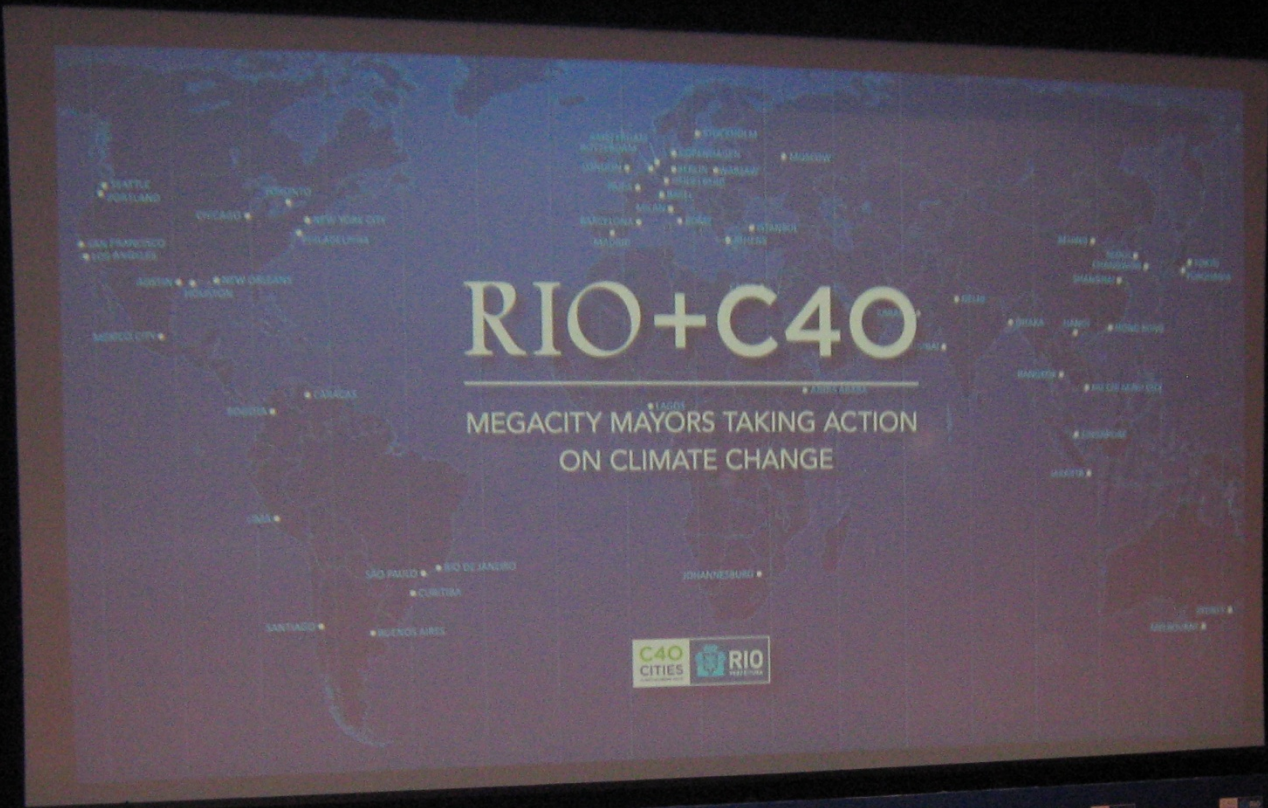
- 100% Renewable Electricity (831,000 mT)
- Energy Efficiency (517,000)
- Zero Waste (293,000)
- Transportation Measures (290,000)
- Electric Vehicles (54,000)
- Urban Forest (680)



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MEGACITY MAYORS TAKING ACTION
ON CLIMATE CHANGE



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