



SF Environment

Our home. Our city. Our planet.

A Department of the City and County of San Francisco

To Manage, Measure!

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San Francisco Department of Environment







Image: Dave Rauenbuehler

20 Years



Photo credit: Merri, Flickr

14.6%
Population

49.1%
GDP

23.3%
GHG Emissions



SAN FRANCISCO CLIMATE ACTION

0 50 100





Zero Waste



SAN FRANCISCO
CLIMATE ACTION

0 50 100 ROOTS

Composting & Recycling Everywhere





ROOTS

Capturing Carbon



SAN FRANCISCO
CLIMATE ACTION

0 50 100 ROOTS

Compost and Carbon Sequestration





100



Renewable Energy



SAN FRANCISCO
CLIMATE ACTION | 0 50 100 ROOTS

Renewable Energy



Efficiency





Financing



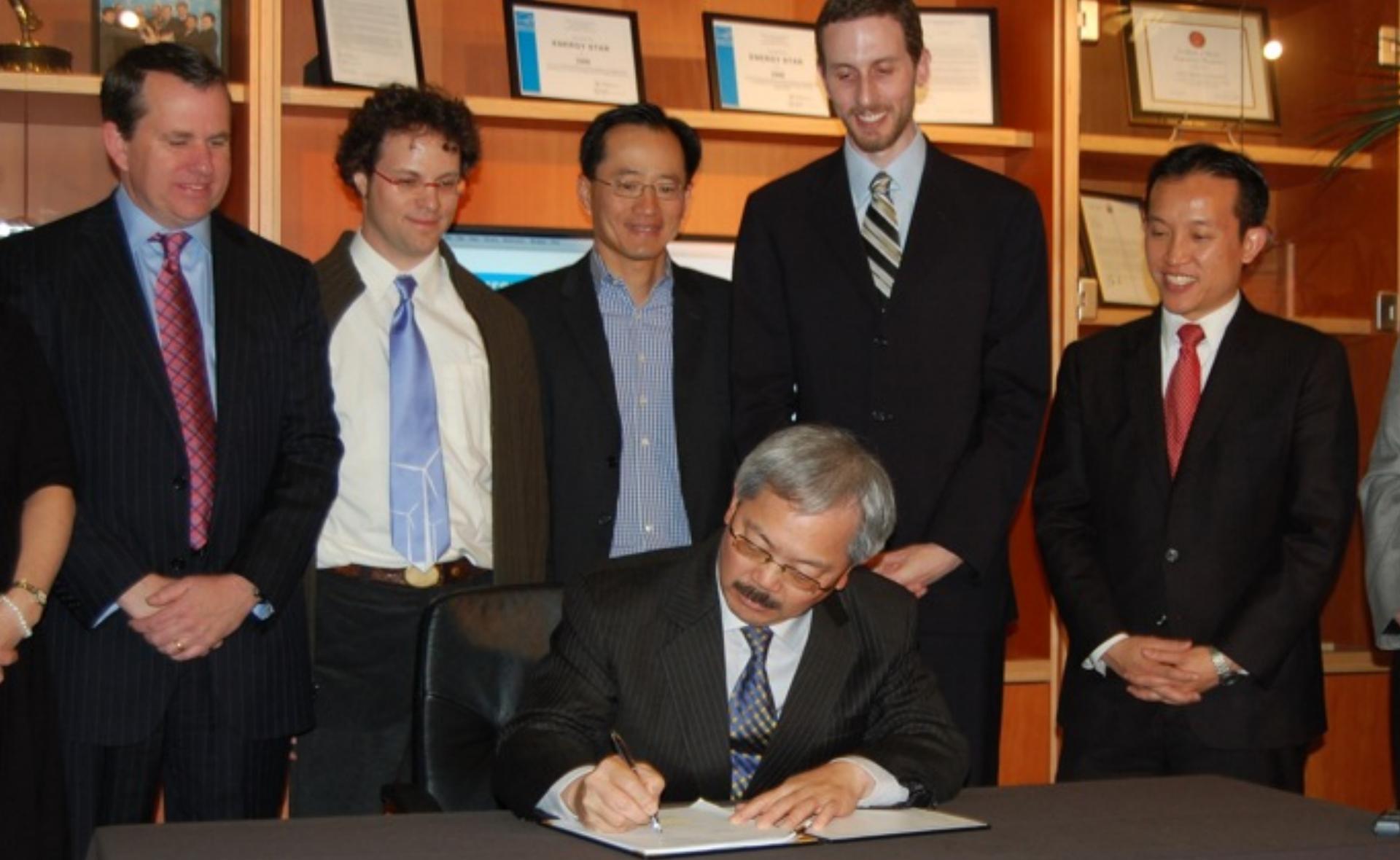
\$1B
Incentives



Green
Labels



Codes



Benchmarking and Audit Ordinance

Municipal Facilities



2011 ENERGY BENCHMARKING REPORT

San Francisco Municipal Buildings



2012 ENERGY BENCHMARKING REPORT

San Francisco Municipal Buildings



2013 ENERGY BENCHMARKING REPORT

San Francisco Municipal Buildings



2014 ENERGY BENCHMARKING REPORT

San Francisco Municipal Buildings

December 2015



San Francisco Public Utilities Commission Reports:

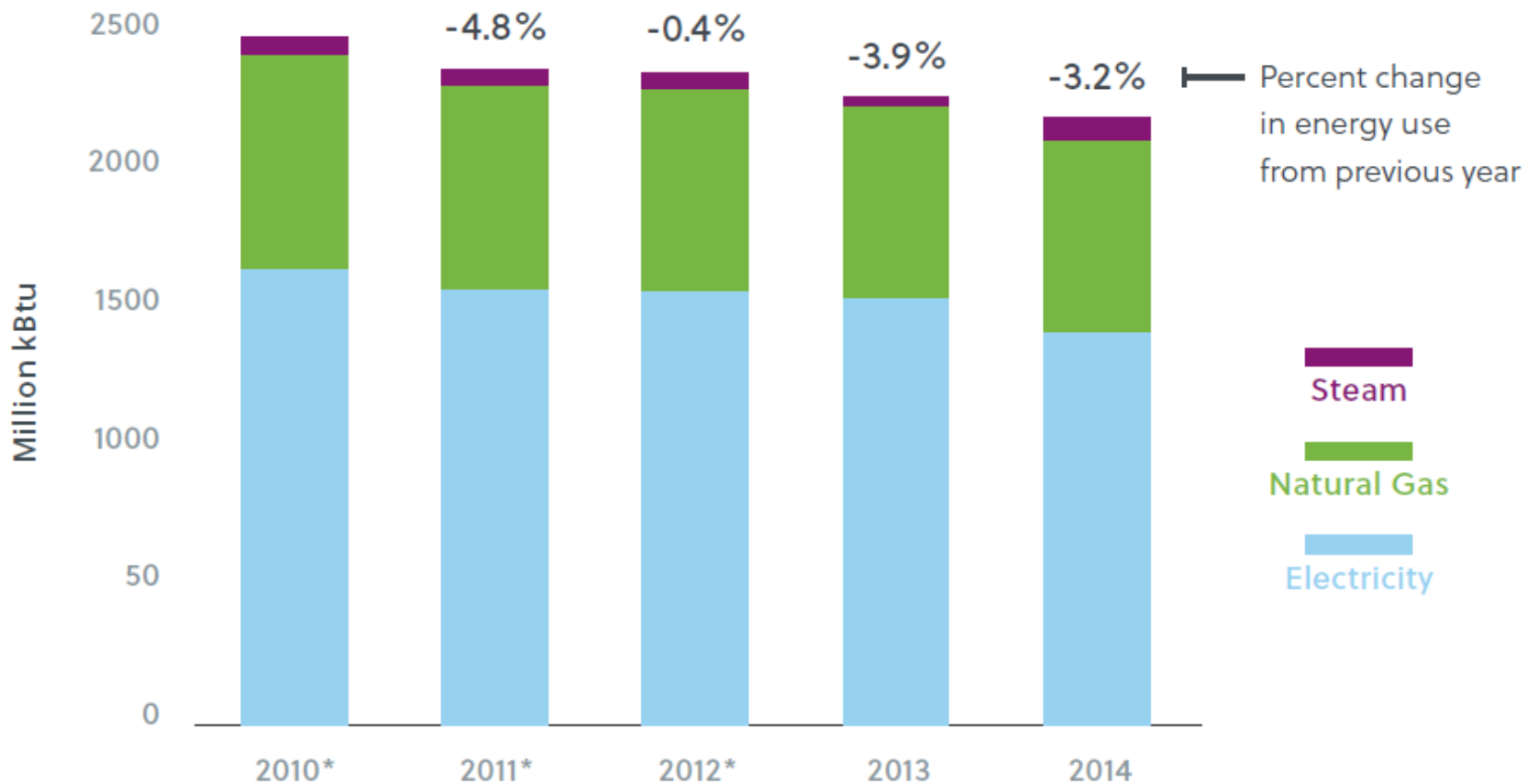
- 465 buildings, 49M sq feet
- 87% perform above national median
- Carbon reduction:
 - 16% since 2013
 - 27% since 2009

Private Sector Office



Consistently complying office buildings reported
an annual average reduction of 3%

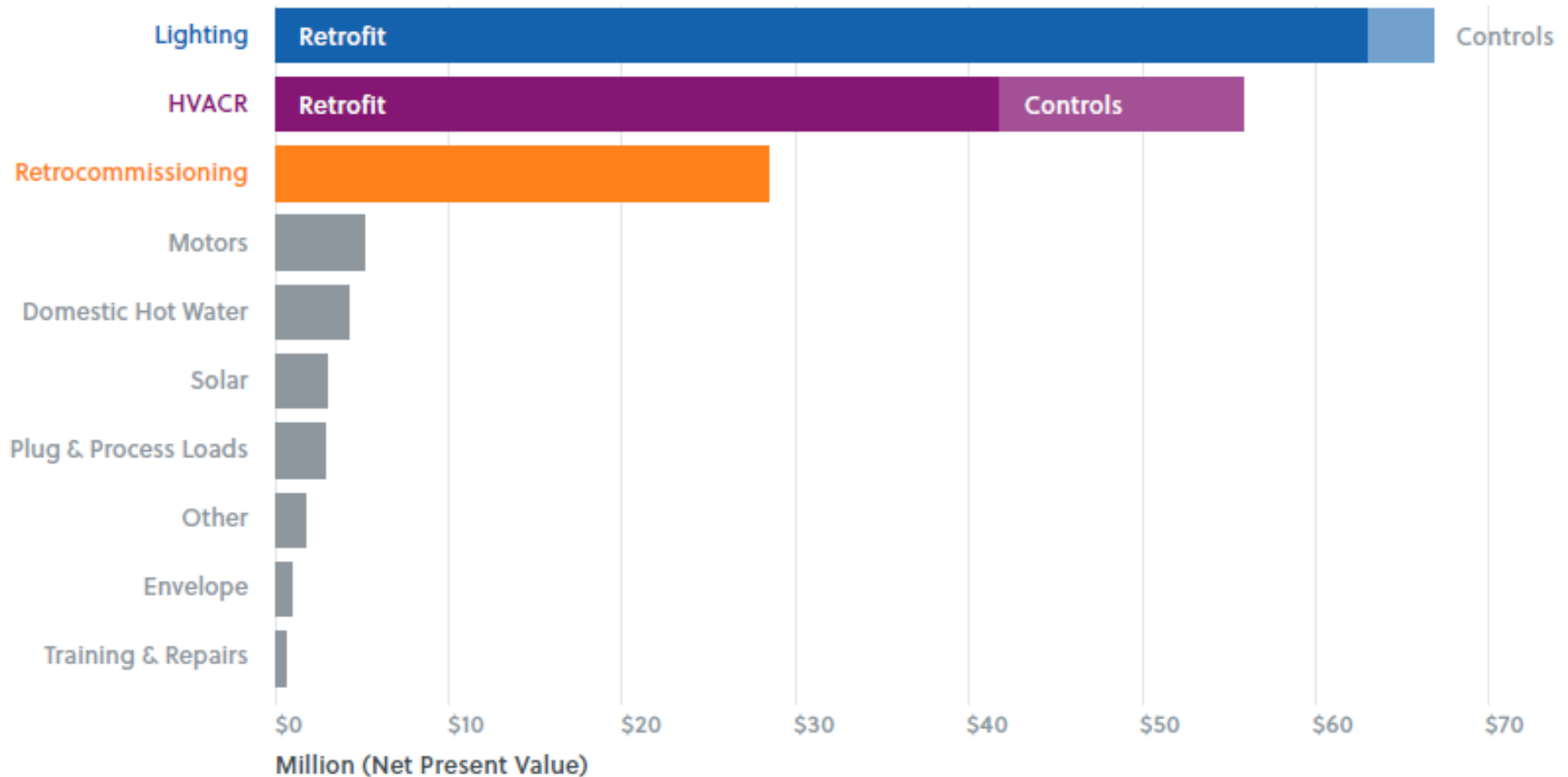
(115 properties)



Opportunity Beyond Class A



Investing \$60.6 million across 817 audited buildings
would yield \$25 million/year in energy savings





Audit found \$1.2M savings

Updated lighting and HVAC controls



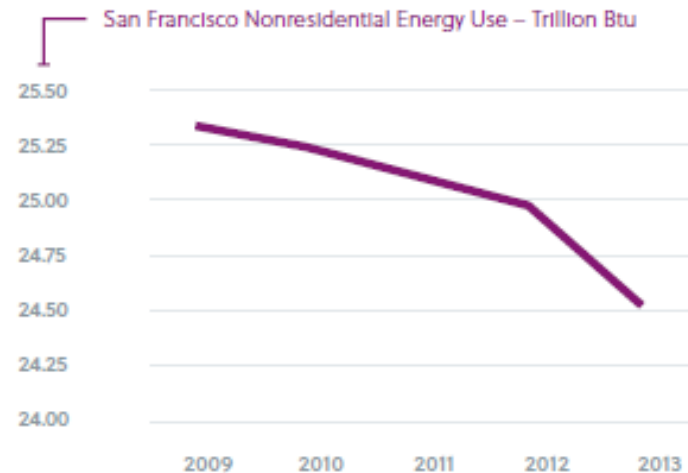
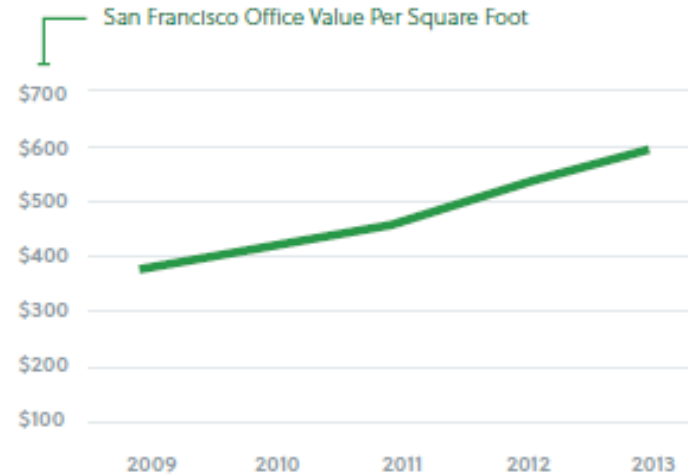
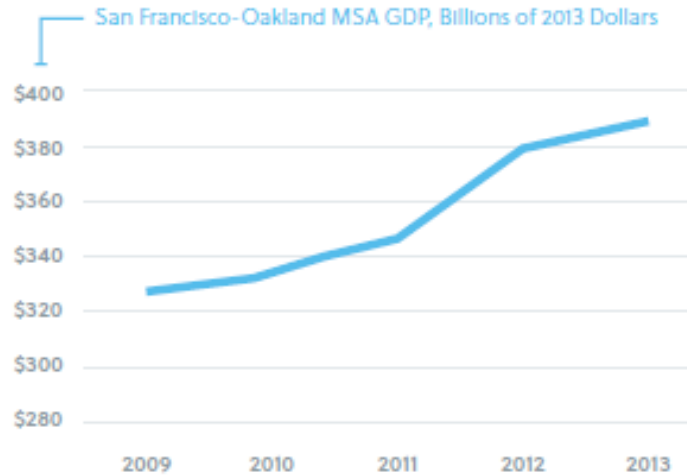
“Through benchmarking and an audit, we maximized savings without sacrificing our customers’ experience.”

Peter Koehler
General Manager
InterContinental
San Francisco



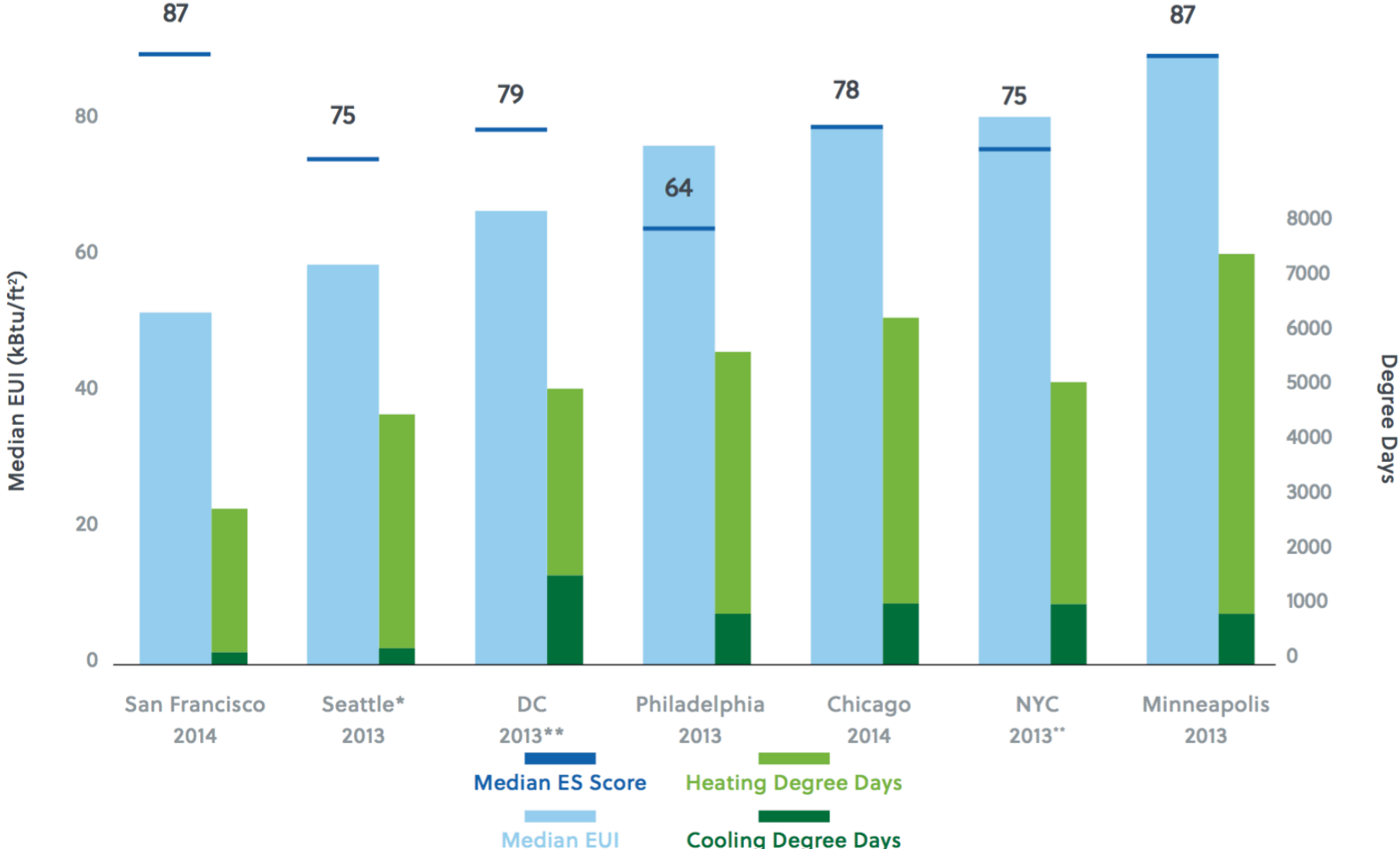
Energy Use and Economic Growth: Decoupled

Commercial real estate value increased nearly 80%,
total employed increased 11% and energy use declined 2%



Office Energy Use and Climate in US Cities

San Francisco office buildings reported the lowest energy use and top ENERGY STAR scores



Learn more



Existing Commercial Buildings Ordinance

www.sfenvironment.org/ecb

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