



SEATTLE
2030
DISTRICT

**A Groundbreaking High-Performance
Building District in Downtown Seattle**





CLIMATE CHANGE CRISIS

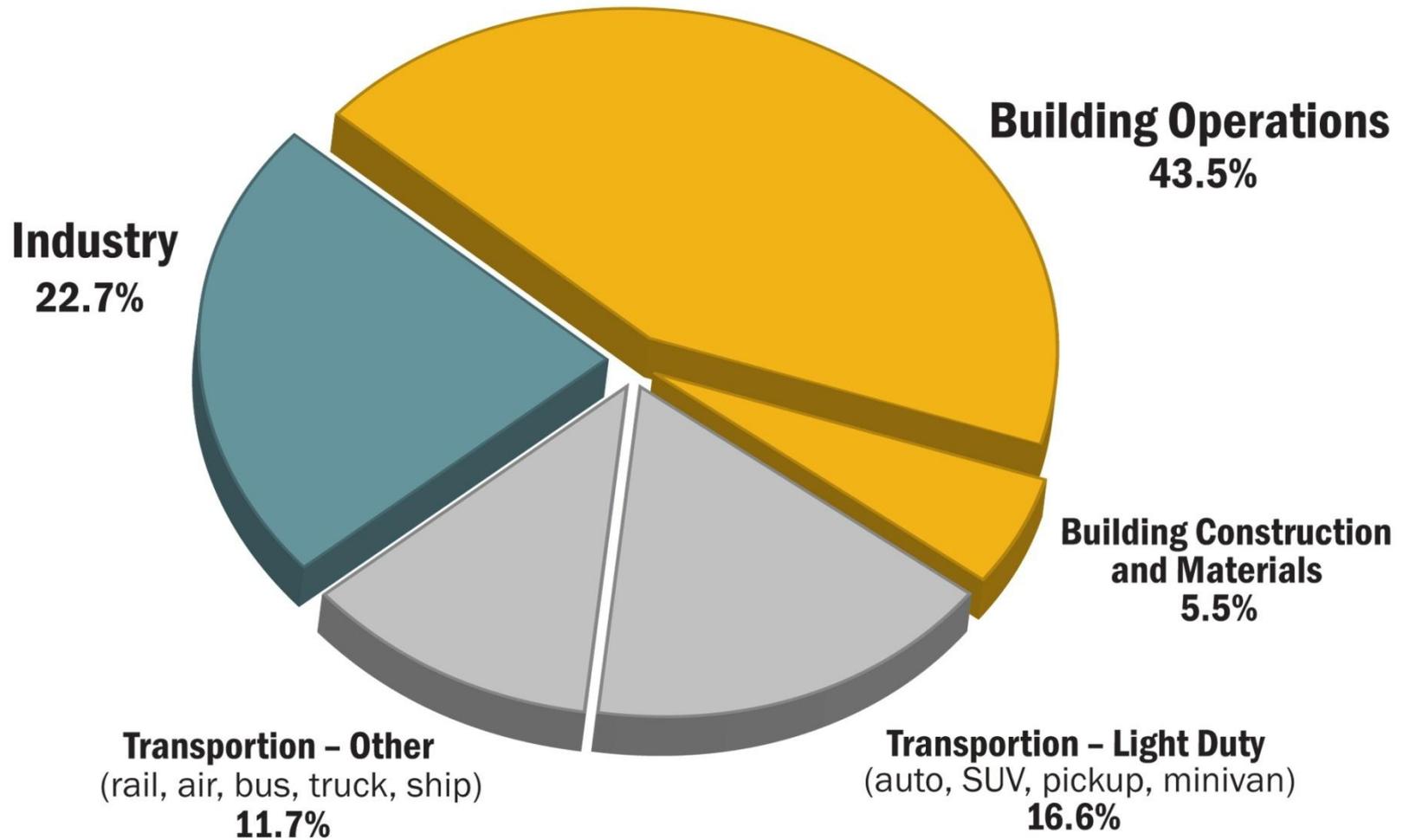


CLIMATE CHANGE CRISIS

=

ENERGY CRISIS

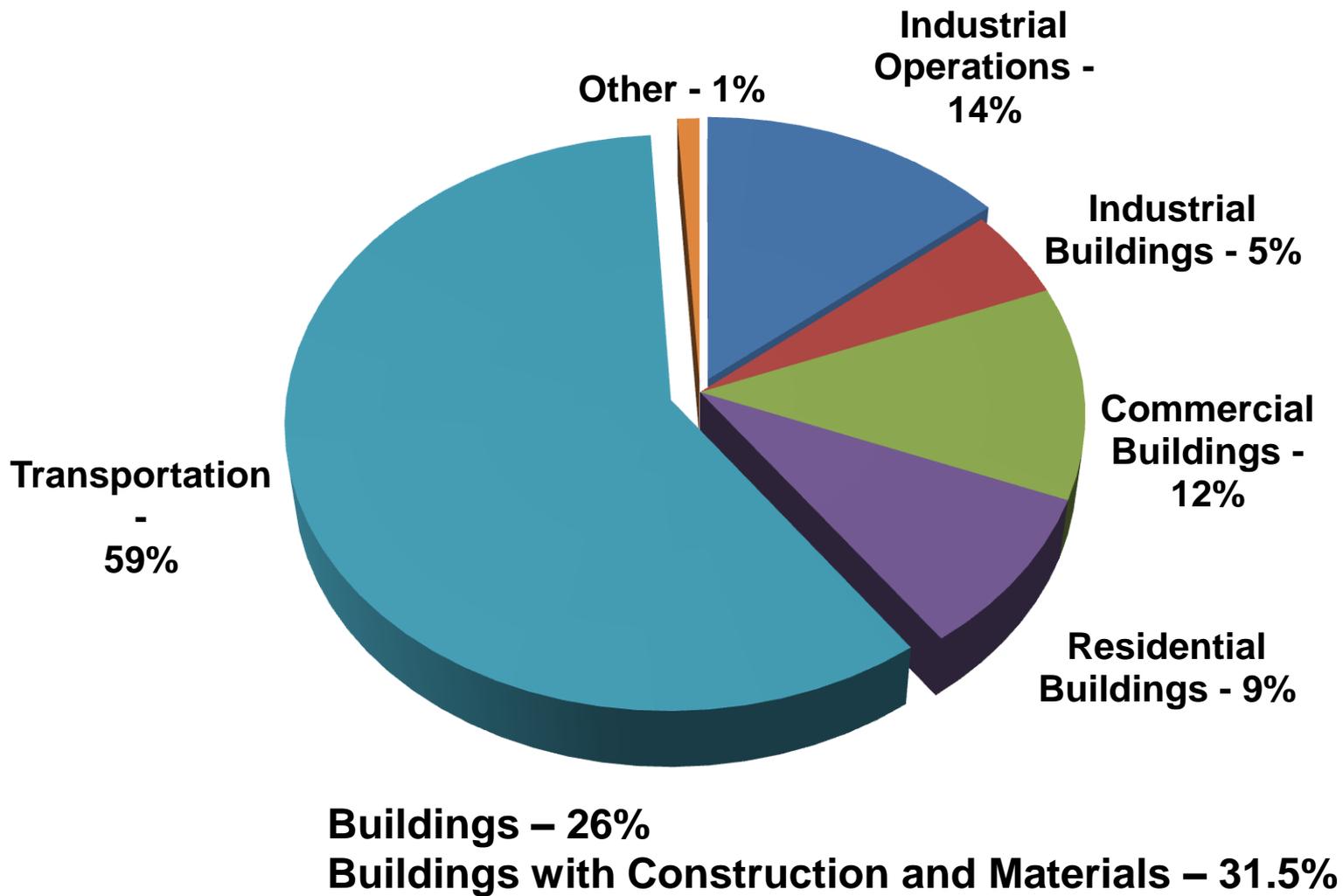




U.S. Energy Consumption by Sector

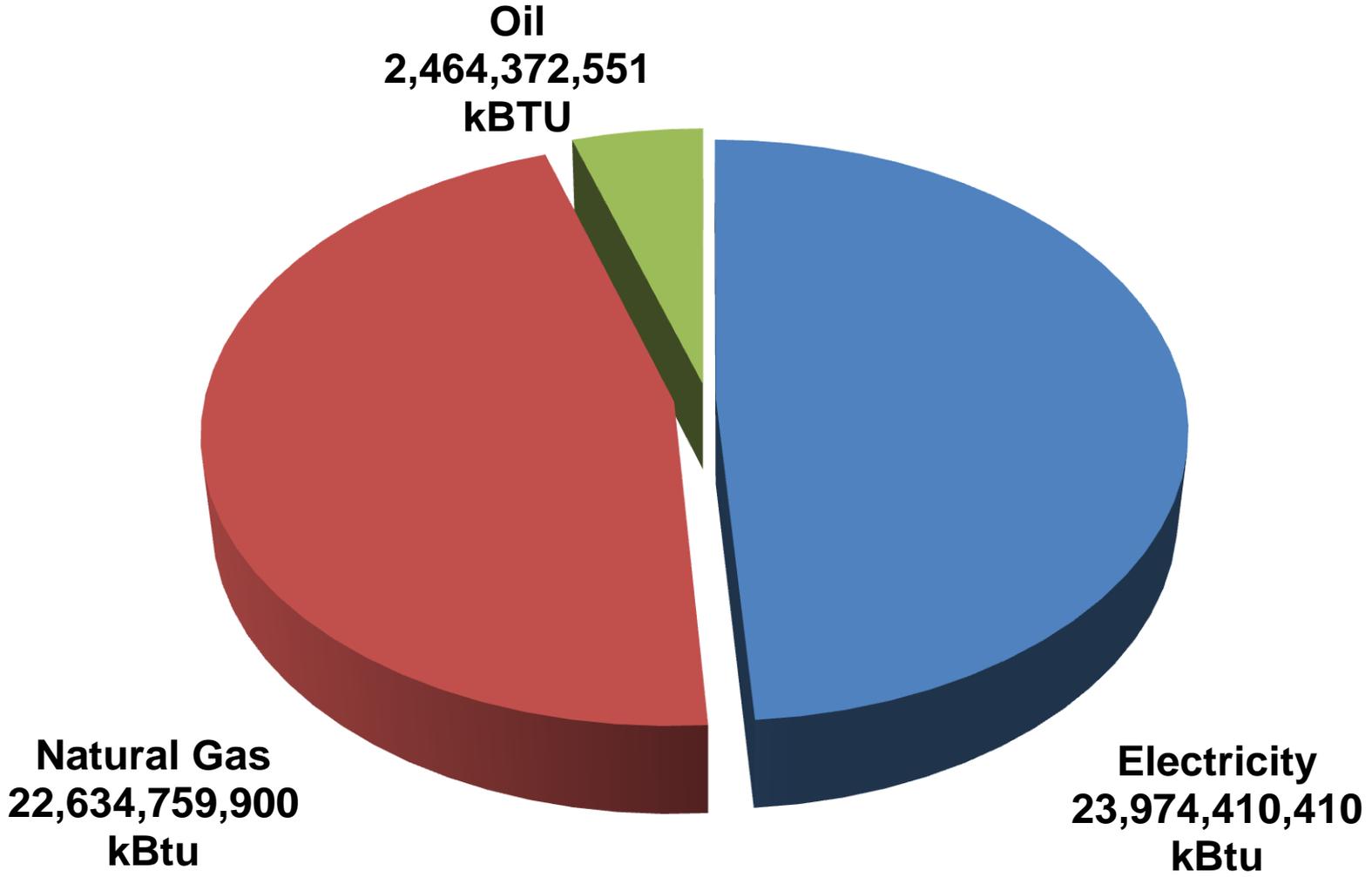
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Data Source: U.S. Energy Information Administration (2009).





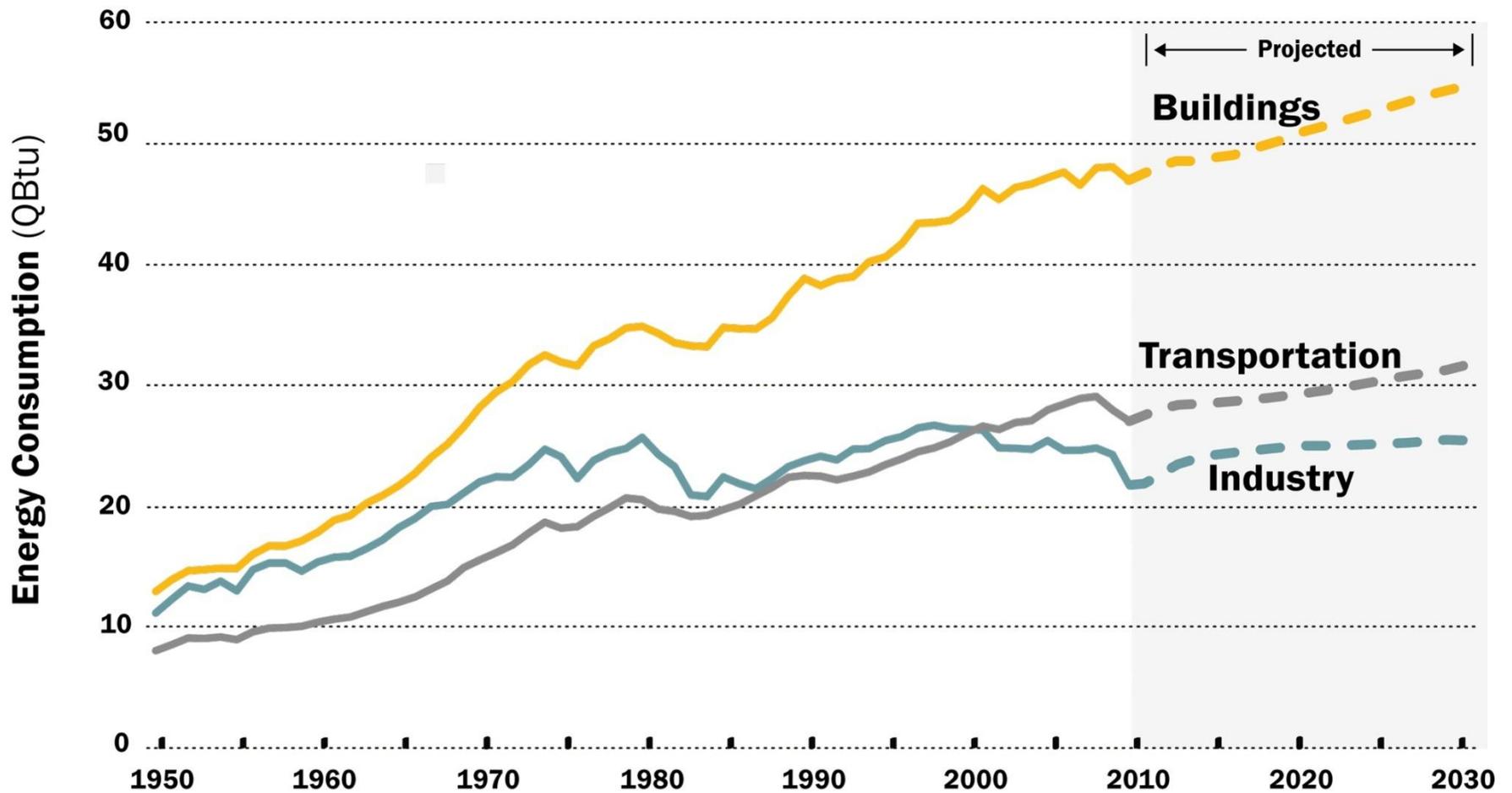
Seattle Energy Consumption by Sector

2008 Seattle Community Greenhouse Gas Inventory



Seattle Building Energy Consumption by Fuel Type

2008 Seattle Community Greenhouse Gas Inventory



U.S. Energy Consumption by Sector (Historic / Projected)

Source: ©2010 2030, Inc. / Architecture 2030. All Rights Reserved.
 Data Source: U.S. Energy Information Administration.

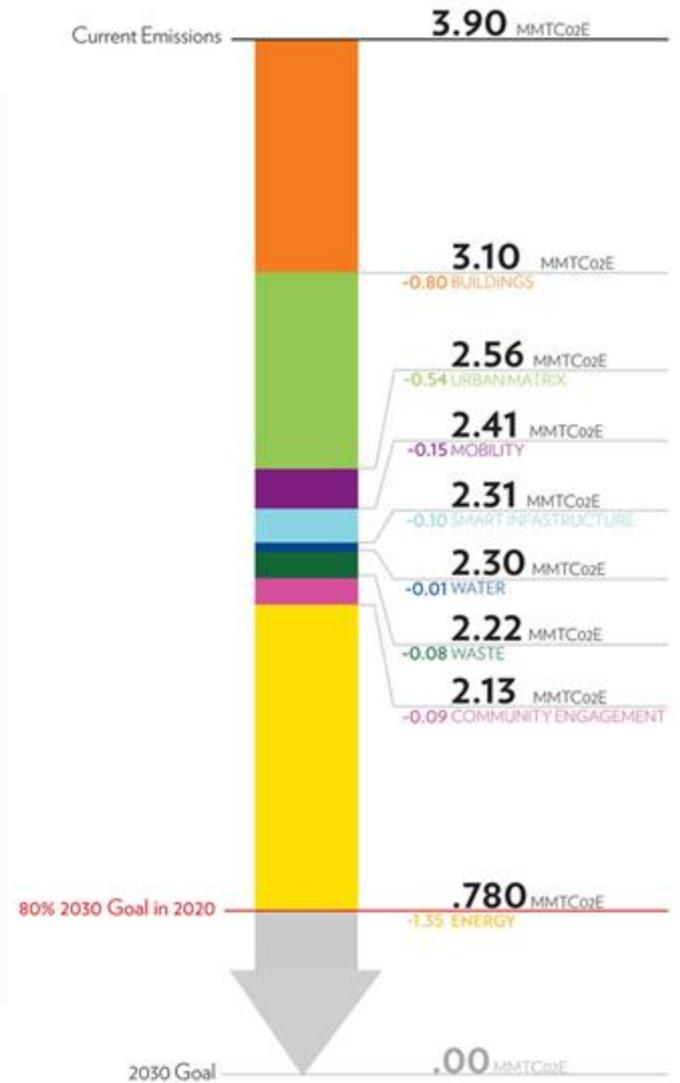
ARCHITECTURE



Adrian Smith + Gordon Gill Hatch Massive Plan to DeCarbonize Chicago

by Lea Bogdan, 02/22/10

filed under: Architecture, global development, Policy, Urban design





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the first Seattle 2030 District map – December 22, 2009

- SEATTLE STEAM CUSTOMERS
- UNICO/UW METRO TRACT
- HINES
- CBRE
- CITY OF SEATTLE
- KING COUNTY
- BEACON CAPITAL
- WRIGHT RUNSTAD
- GVA KIDDER MATHEWS
- CLISE



Central Business District and First Hill Area
Seattle, Washington

Seattle 2030 District

An Interdisciplinary Public-Private Collaborative

Property owners and managers:

CB Richard Ellis

Kidder Mathews

Hines

King County

Unico

Virginia Mason Medical Center

Vulcan

Wright Runstad

Utilities:

Seattle Steam

Seattle City Light

Puget Sound Energy

Engineers:

MacDonald-Miller

McKinstry

OAC Services

Community Stakeholders:

Architecture2030

Cascadia Region Green Building Council

City of Seattle –DPD and OED

Clinton Climate Initiative

Downtown Seattle Association

GGLO

Mithun

New Buildings Institute

Northwest Energy Efficiency Alliance / BetterBricks

Pacific Northwest National Laboratories

Powers Economics

Seattle Climate Partnership

Sellen Construction

U.S. Green Building Council

ZGF Architects

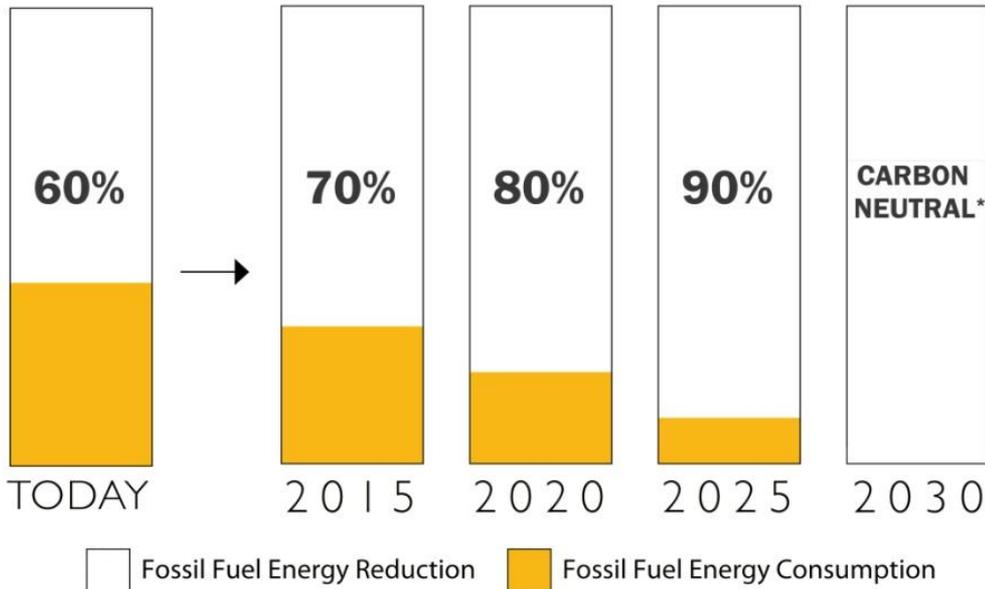
The first high-performance urban building district



Performance Targets



The 2030 Challenge for Planning New Construction



**50% reduction in
water
consumption**

**+ 50% reduction in
Vehicle Miles
Traveled (VMT) for
auto and freight**

The 2030 Challenge

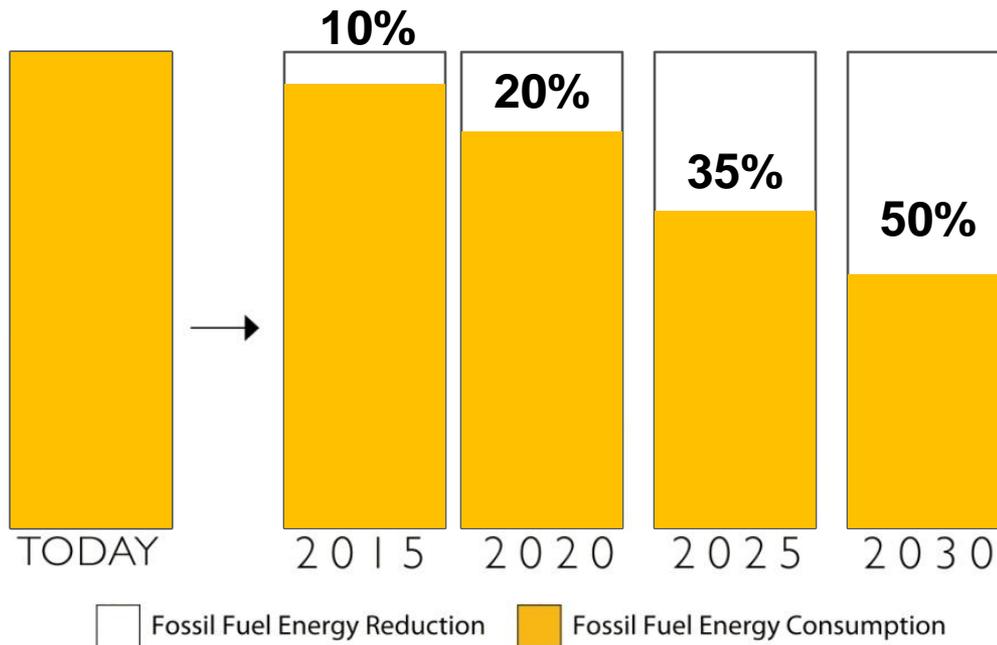
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*Using no fossil fuel GHG-emitting energy to operate.

Performance Targets



The 2030 Challenge for Planning Existing Buildings



50% reduction in water consumption

+ 50% reduction in Vehicle Miles Traveled (VMT) for auto and freight

The 2030 Challenge

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U.S. Building Rating and Disclosure Policies

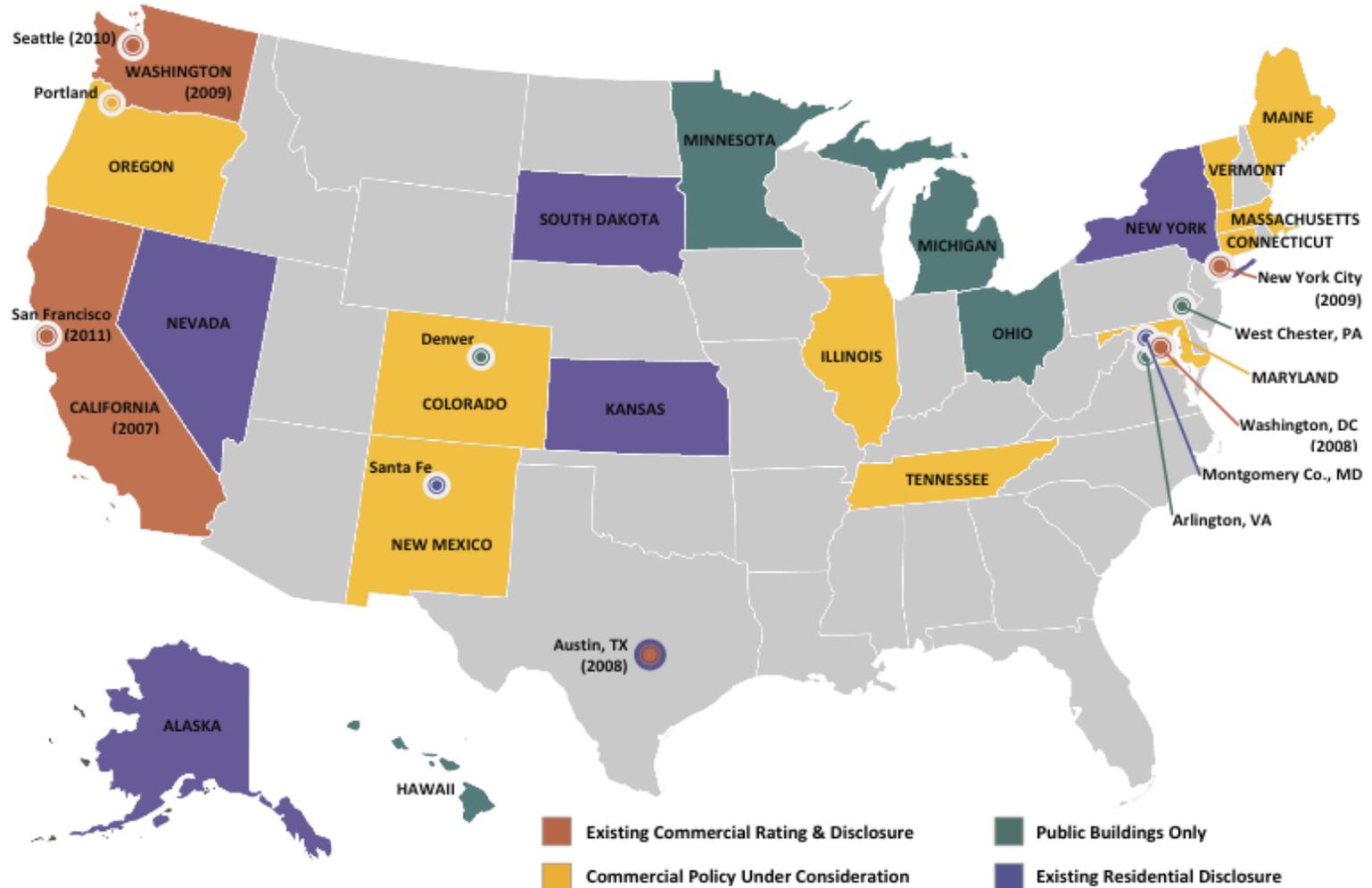


Institute for Market Transformation



BuildingRating.org
Sharing transparency

For more information, please contact Caroline Keicher, Institute for Market Transformation at (202) 525-2883, caroline@imt.org
To access this document online, see www.imt.org/rating or www.buildingrating.org



ENERGY PERFORMANCE STATEMENT

2008

One Washington Plaza
1234 New Hampshire Avenue, NW
Washington, DC

Building ID: DC00001

U.S. Environmental Protection Agency's Energy Performance Scale

The energy use of this building has been measured using the U.S. Environmental Protection Agency's (EPA's) Energy Performance Scale of 1-100, with 1 being the least energy efficient and 100 the most energy efficient. For more information, visit energystar.gov/buildingrating.

This building's score

22



This building uses 342 kBtu per square foot per year.*

*Based on source energy intensity

Buildings with a score of 75 or higher may qualify for EPA's ENERGY STAR®.

I certify that the information contained within this statement is accurate and in accordance with U.S. Environmental Protection Agency's measurement standards, found at energystar.gov.

Date of certification



In compliance with the District of Columbia Clean and Affordable Energy Act of 2008
For more information, visit www.dc.gov



A Common Vision

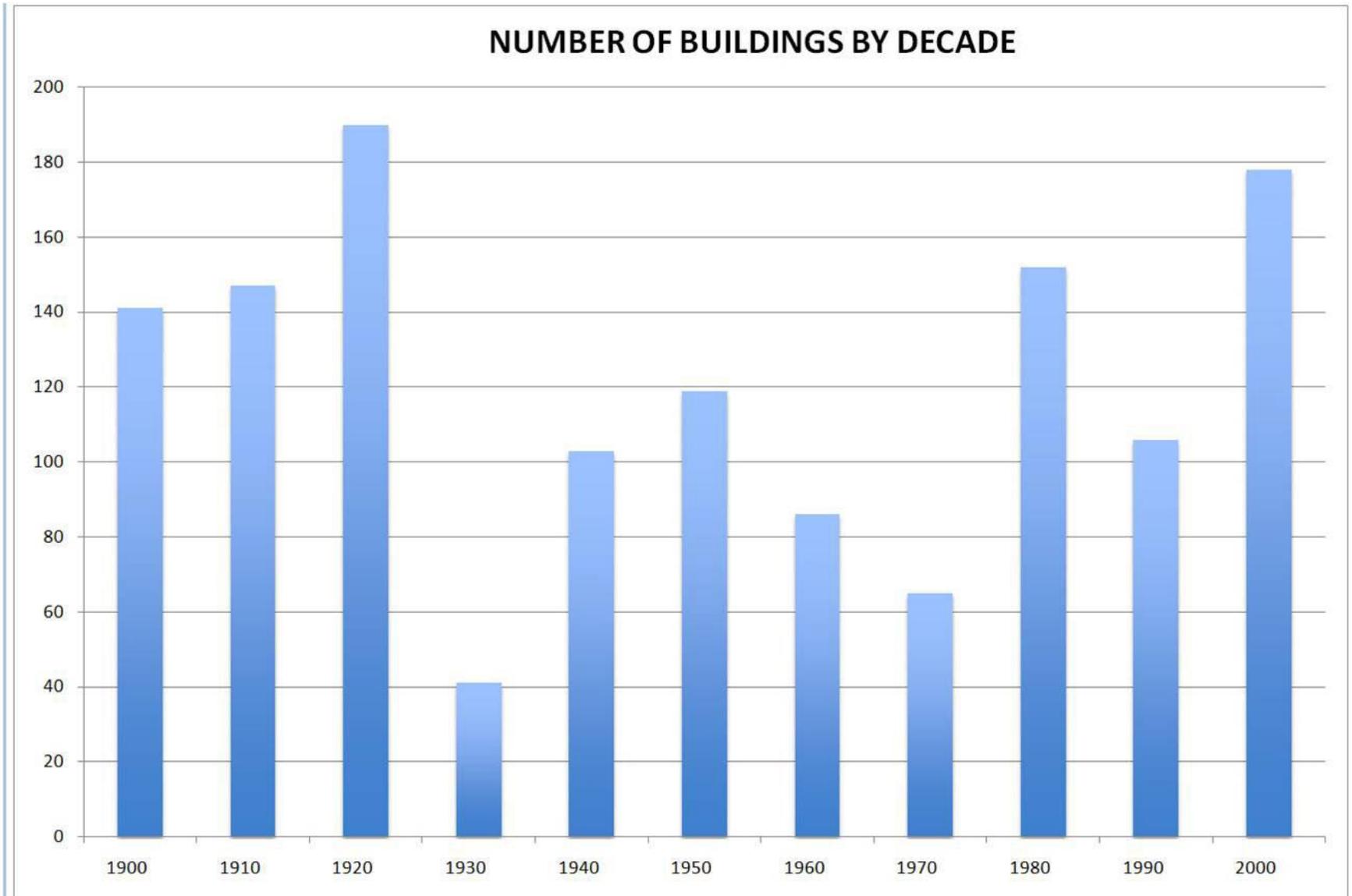
- ***City of Seattle Disclosure Ordinance***
- ***City of Seattle Sustainable Development Policy update***
- ***Community Power Works***
- ***Emerald Cities***
- ***King County***
- ***Municipal Retrofit IDT***
- ***Seattle Climate Partnership***
- ***Preservation Green Lab***
- ***Yesler Terrace redevelopment***

Downtown Seattle, CBD

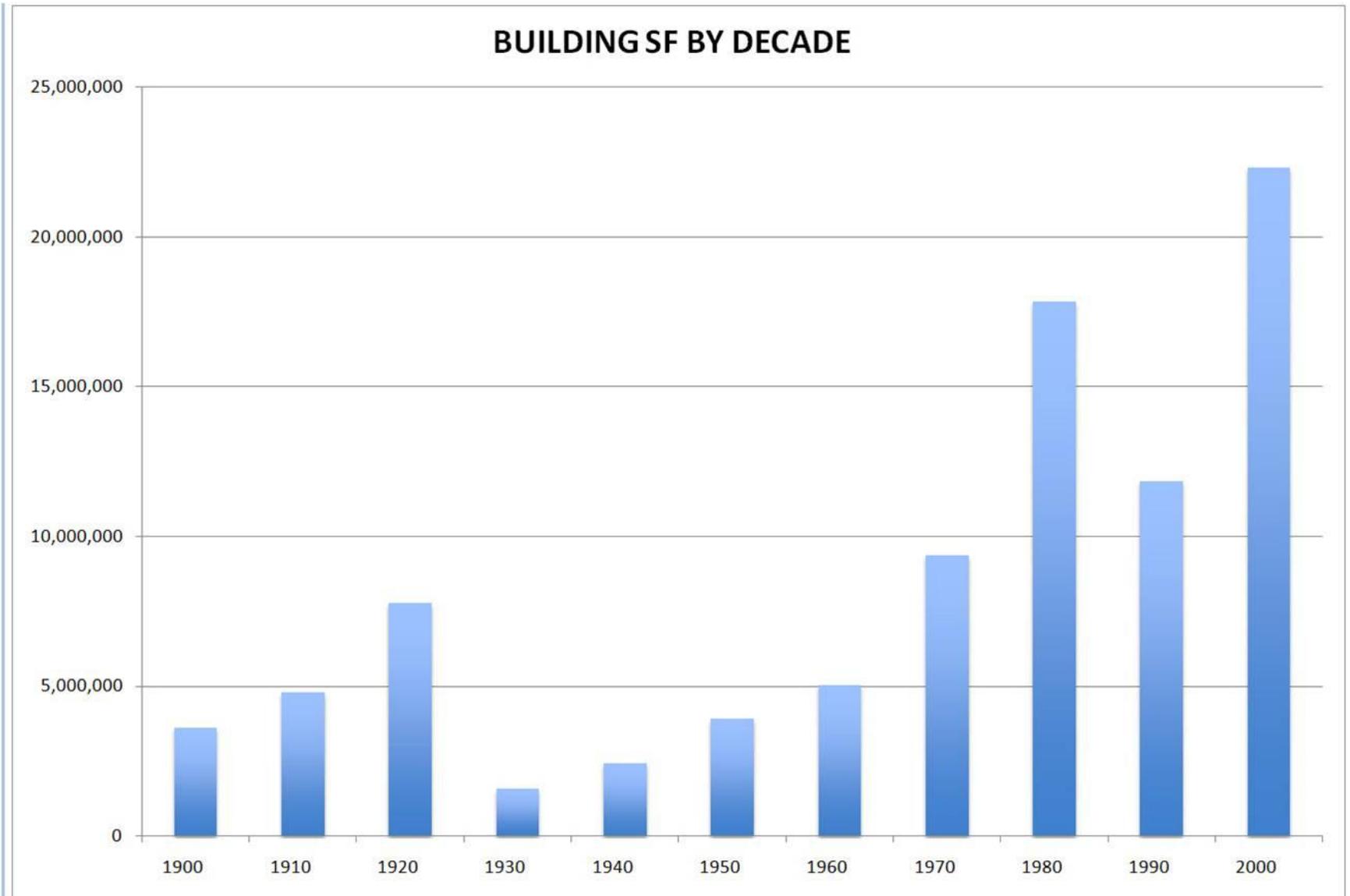
- | | | | |
|---|---------------------|---|---------------------|
|  | CB Richard Ellis |  | Tishman Speyer |
|  | City of Seattle |  | Unico |
|  | Clise Properties |  | Virginia Mason |
|  | GVA Kidder Mathews |  | Vulcan |
|  | Hines |  | Washington Holdings |
|  | King County |  | Wright Runstad |
|  | Sellen Construction | | |



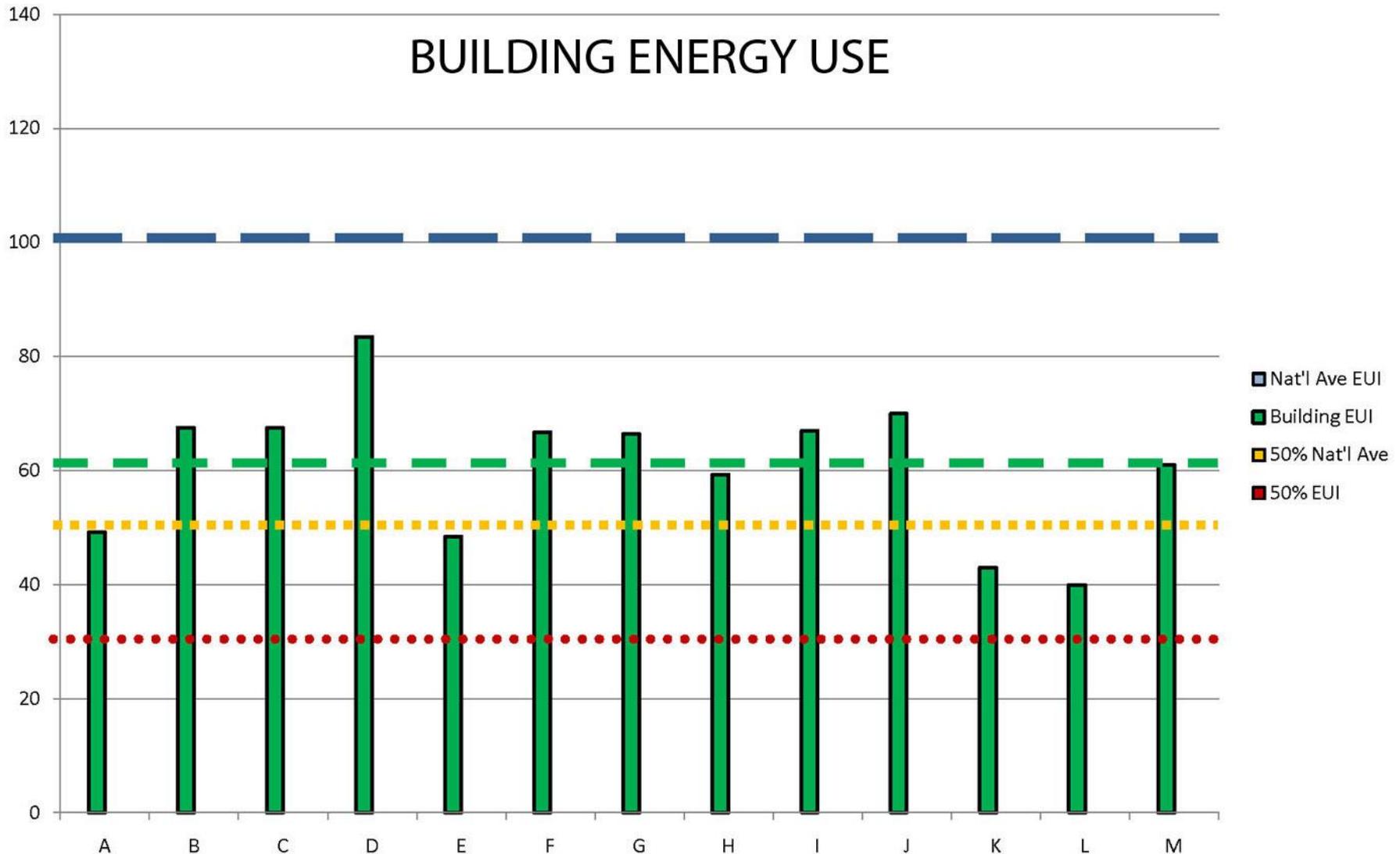
Seattle 2030 District Profile



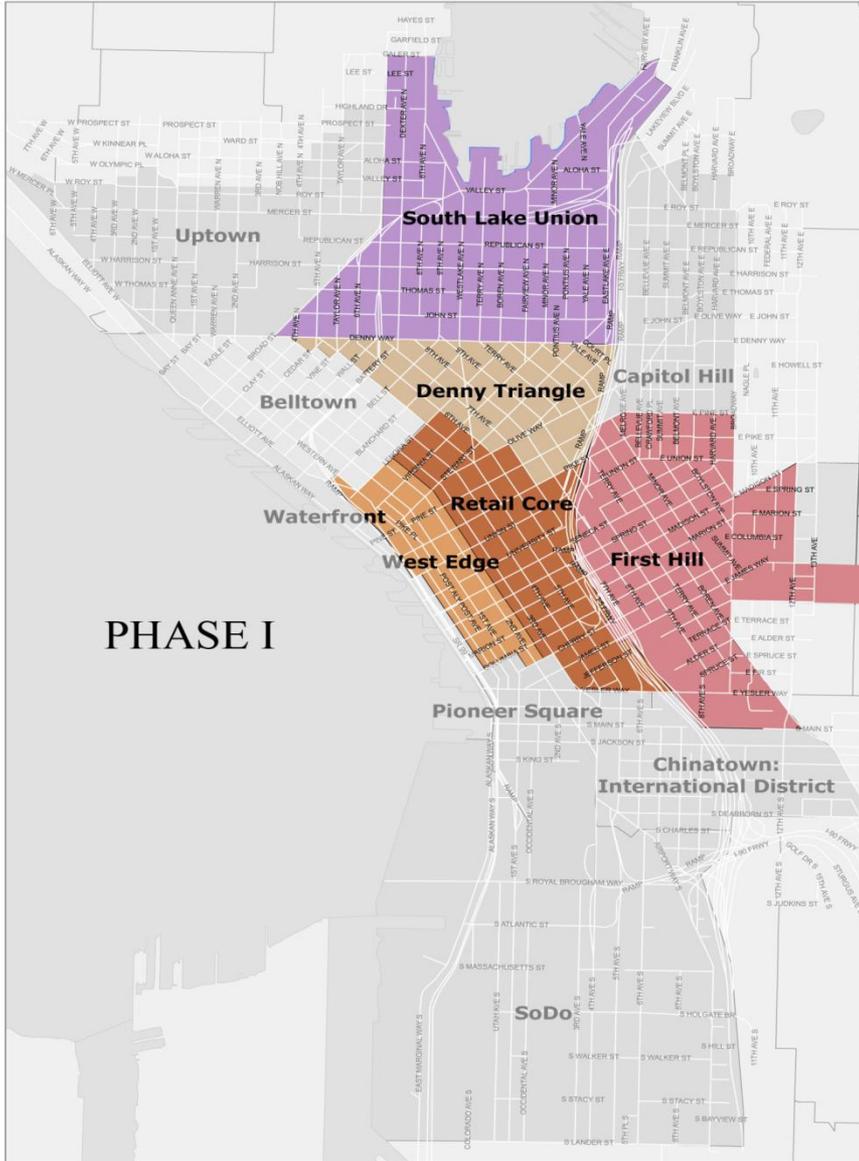
Seattle 2030 District Profile



Seattle 2030 District Profile



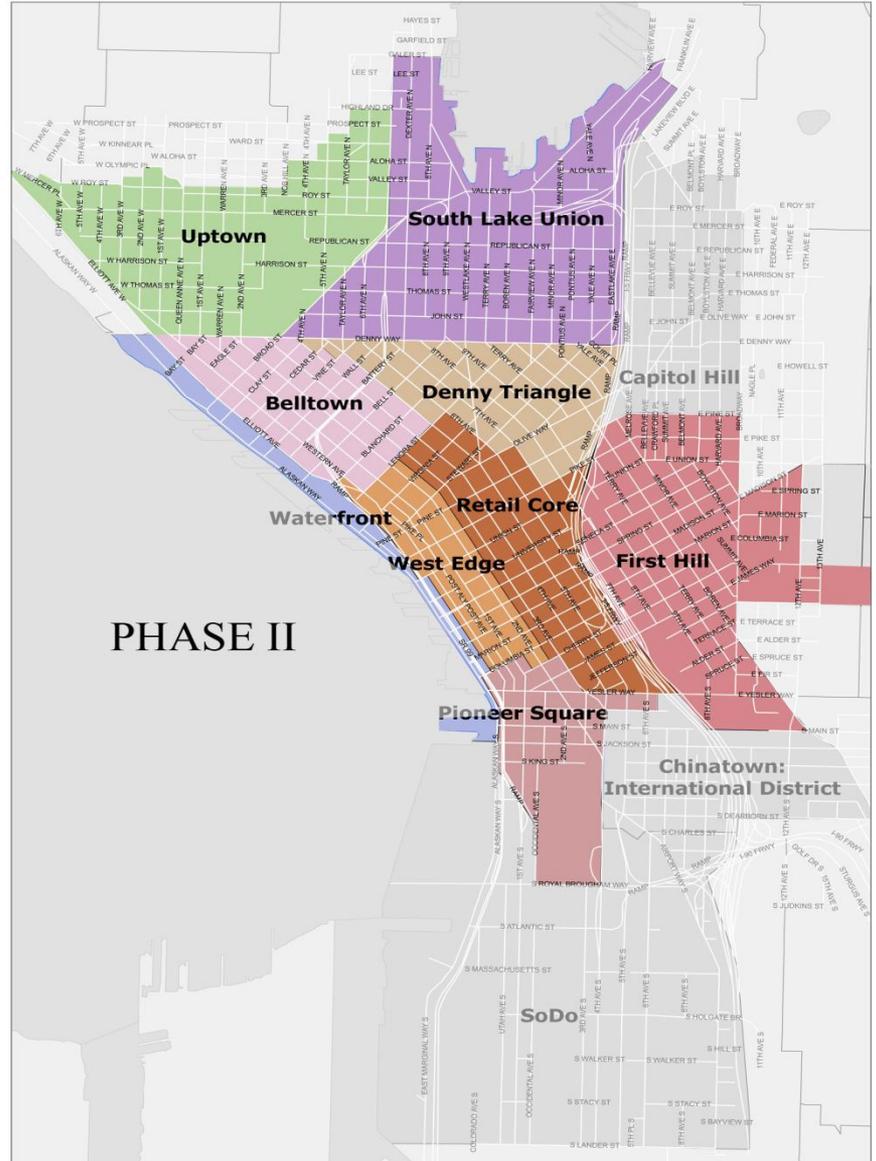
Downtown Neighborhoods



PHASE I

Last Updated February 2, 2010

Downtown Neighborhoods



PHASE II

Last Updated February 2, 2010



1. Summary Information Page

a. Project Title

Activating the Seattle 2030 District A Public-Private Alliance to Achieve Carbon Reduction

b. Applicant Information

City of Seattle

City of Seattle—Department of Planning and Development

P.O. Box 34019, Seattle, Washington 98124-4019

Contact: Peter Dobrovolny, Green Building Specialist

phone (206) 615-1094 | fax (206) 233-7883 | e-mail peter.dobrovolny@seattle.gov

c. Funding Requested

\$454,292

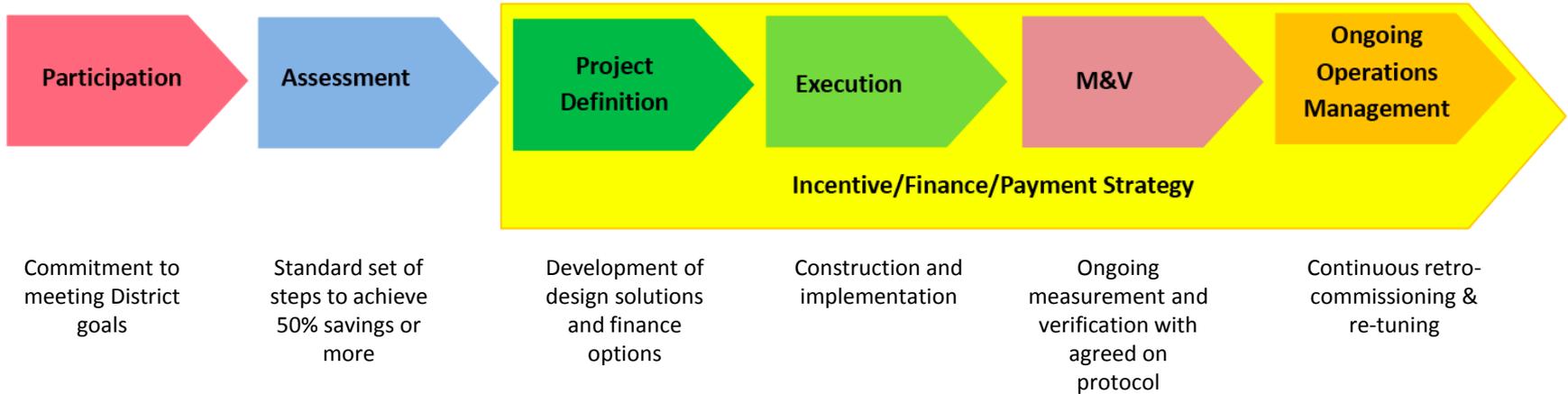
d. Total Project Cost

\$683,874

See budget summary and budget narrative for funding from other sources, cost share, and in-kind contributions from project partners. As indicated in the attached letters of support, in-kind contributions of staff participation from the 2030 District members total more than **\$225,000**, significantly exceeding the budgeted contributions of \$66,275.

Roadmap to 2030 / Existing Buildings

Seattle 2030 District Energy Efficiency Contracting Services



Training and Education



Preferred Purchasing



New Construction

Streamlined Permitting Services

Case Studies



COMBATING CLIMATE CHANGE: CLINTON CLIMATE INITIATIVE

Better Buildings Challenge: Place-Based Ally Agreement

The **Better Buildings Challenge** is a Presidential leadership initiative which calls on chief executive officers, university presidents, and state and local leaders to create American jobs through building energy efficiency. Challenge partners will make 'public commitments to action' and implement their plans to achieve lasting energy savings, improve our environment, and reduce our dependency on foreign oil. They will receive technical and implementation support from the Department of Energy in collaboration with other federal agencies and the William J. Clinton Foundation's Clinton Climate Initiative. BBC Place-Based Allies are asked to support the BBC by advocating for energy efficiency and transparently demonstrating their approaches and accomplishments.

Place-Based Ally Agrees to:

The Department of Energy (DOE) Agrees to:

✓ Commit

✓ Assist



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