

Sustainability and Preservation: Sharing the Same Tent

City of Seattle

Advisory Council
on Historic
Preservation

Seattle, WA
August 9, 2011



- 609,000 residents (23rd largest city in US)
- 11,000 City employees in about 20 departments and offices
- Annual budget ~ \$3.9B
- Leader in historic preservation and sustainability

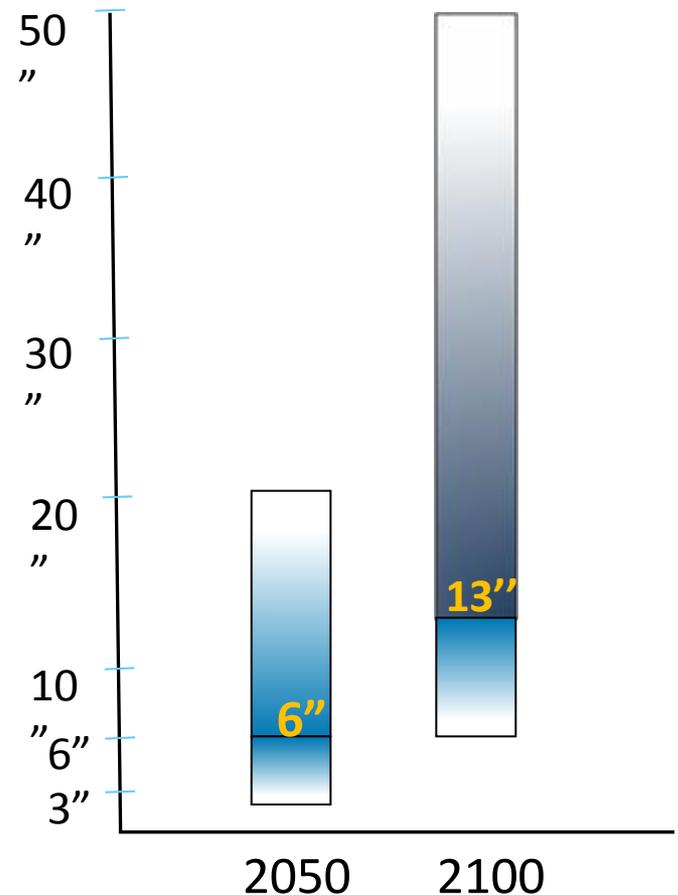


“Saving the Past for the Future”

- More than 400 individual sites, buildings, vehicles, vessels, and street clocks designated as landmarks
- Seven historic districts:
 - Ballard Avenue
 - Columbia City
 - Fort Lawton
 - Harvard-Belmont
 - International District
 - Pike Place Market
 - Pioneer Square

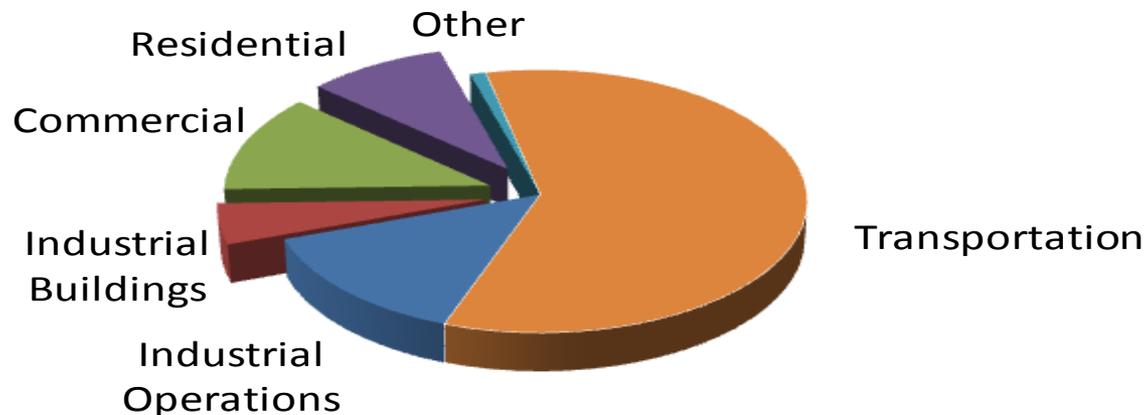


- Puget Sound levels are projected to rise between:
 - 6 to 22 inches by 2050
 - 13 to 50 inches by 2100
- Warming temperatures
- Decreased snowpack
- Ailing salmon
- Increased drought and risk of forest fires



Reduce greenhouse gas emissions:

- 7% below 1990 levels by 2012
- 30% below 1990 levels by 2024
- 80% below 1990 levels by 2050



Buildings account for 26%
of our carbon footprint

- First LEED-based capital facilities building policy in USA, adopted in 2000
- City of Seattle has completed 25 LEED rated projects





 LEED-Certified Buildings - 2007

 Projected LEED-Certified Buildings - 2020

- Improve the energy efficiency of residential and commercial buildings
 - Improve energy efficiency in existing buildings by 20% by 2020
 - Improve energy efficiency in new buildings and major retrofits consistent with intent of the 2030 Challenge
- Stakeholder process provided feedback on policies the City could adopt to meet these goals



Allow an informed market to drive energy efficiency improvements

- Benchmarking
- Disclosure
- Annual reporting



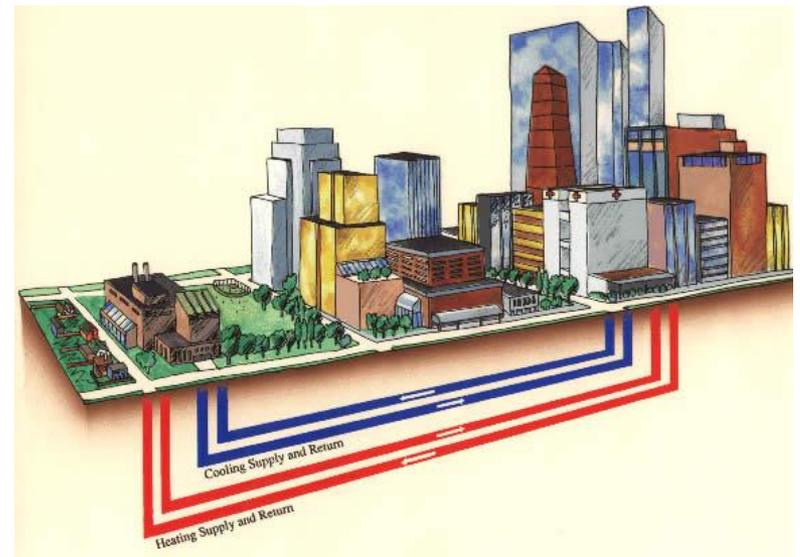
Image: Cliff Majersik, Institute for Market Transformation

Sector	Requirements
Non-Residential	<ul style="list-style-type: none"> ▪ Mandatory disclosure of Energy Star Portfolio Manager benchmarking data and rating ▪ Reported through EPA secure server
Properties > 50,000 SF 868 Buildings, 155 million SF	<ul style="list-style-type: none"> ▪ By Oct 3, 2011 and annually thereafter
Properties 10,000 SF to 50,000 SF 2,330 Buildings, 49 million SF	<ul style="list-style-type: none"> ▪ By Apr 1, 2012 and annually thereafter
Multi-Family	<ul style="list-style-type: none"> ▪ Mandatory disclosure of Energy Star Portfolio Manager benchmarking data ▪ Reported through EPA secure server
Properties With ≥ 5 Units 5,760 Buildings 93,800 Units	<ul style="list-style-type: none"> ▪ By Apr 1, 2012 and annually thereafter

- Public / Private Initiatives: 2030 District
- New Policies: Outcome Based Energy Codes (Preservation Green Lab)



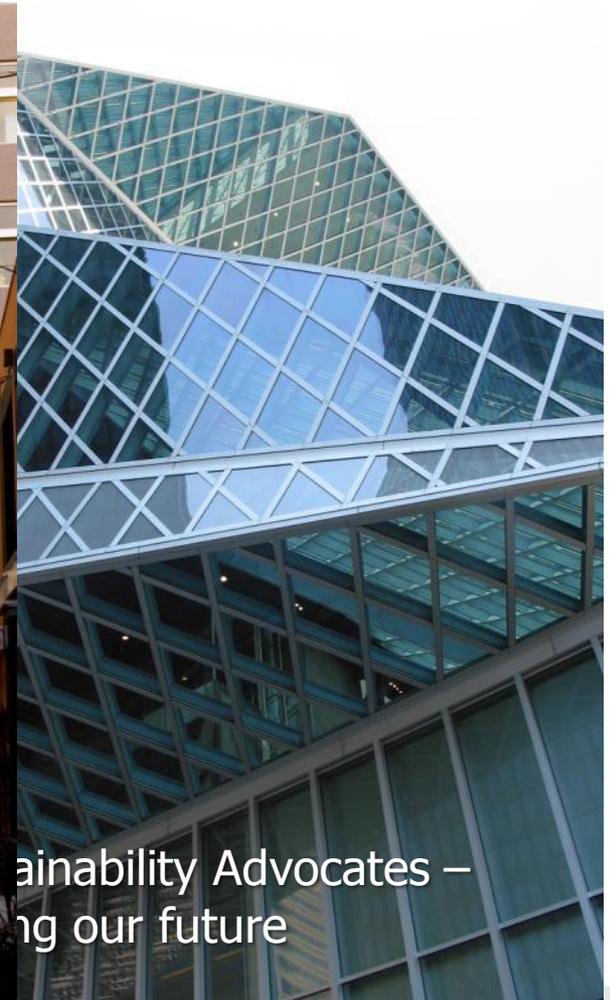
- Requires higher density levels
- Allows for deep, system-wide sustainability improvements
- Coordination among multiple stakeholders
- Long-term vs. short-term perspectives
- Public vs. private benefits







Preservationists -
Saving our past



Sustainability Advocates -
Building our future



Questions?

Jayson Antonoff

Energy / Climate Change Policy Advisor

City of Seattle Dept of Planning and Development

jayson.antonoff@seattle.gov

206.386.9791

www.seattle.gov/dpd/EnergyBenchmarking

EnergyBenchmarking@seattle.gov