



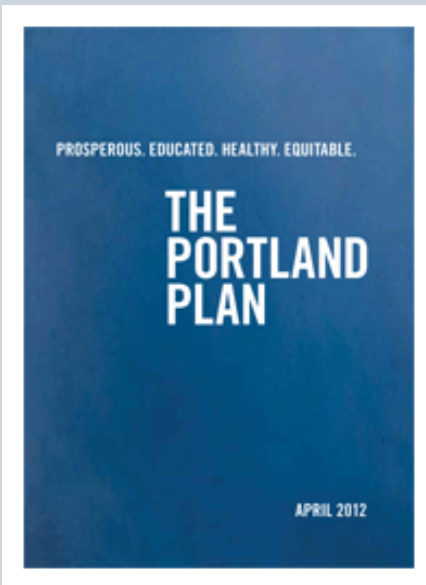
Building Energy Efficiency Partnership

Portland Sustainability Commission
August 14, 2012



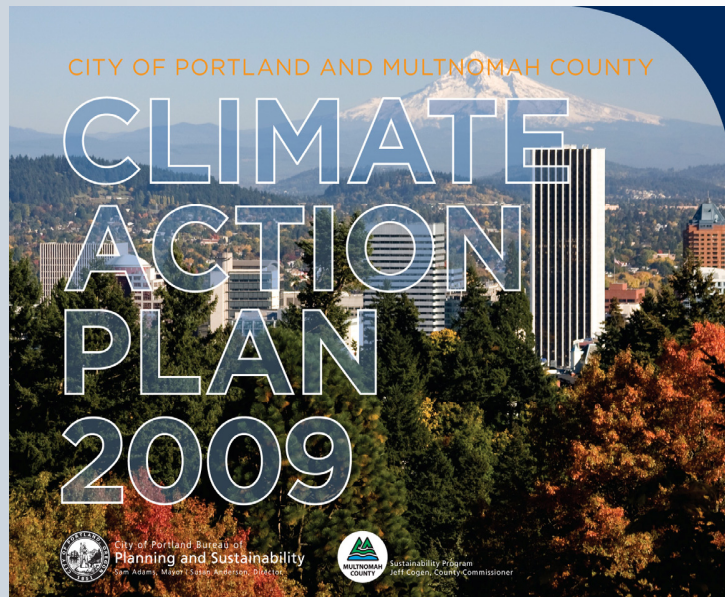
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Portland Plan

- Build the commercial, industrial, and residential markets for cost-saving energy efficiency improvements through incentives, technical assistance, policy and education



Climate Action Plan

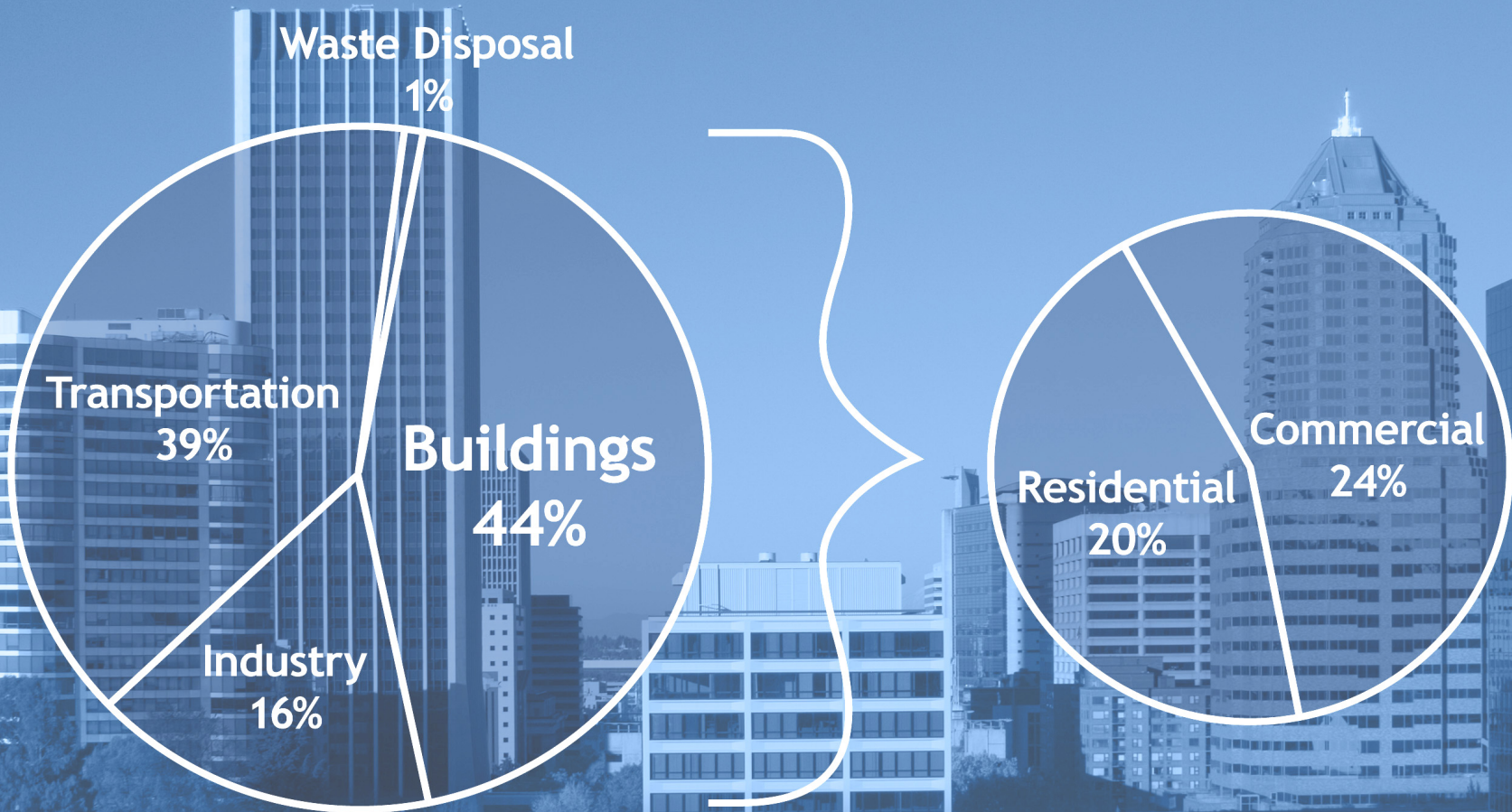
2030 Objective

- Reduce total energy use of all existing buildings by 25%

2012 Action

- Benchmarking for commercial and multi-family buildings





Sources of carbon emissions in Multnomah County



Energy Benchmarking in Portland



- EPA's Portfolio Manager tool
- 57 buildings Energy Star certified
- First step toward improving building energy performance
- Spurs investment in energy efficiency projects
- Free to benchmark, need PE to certify

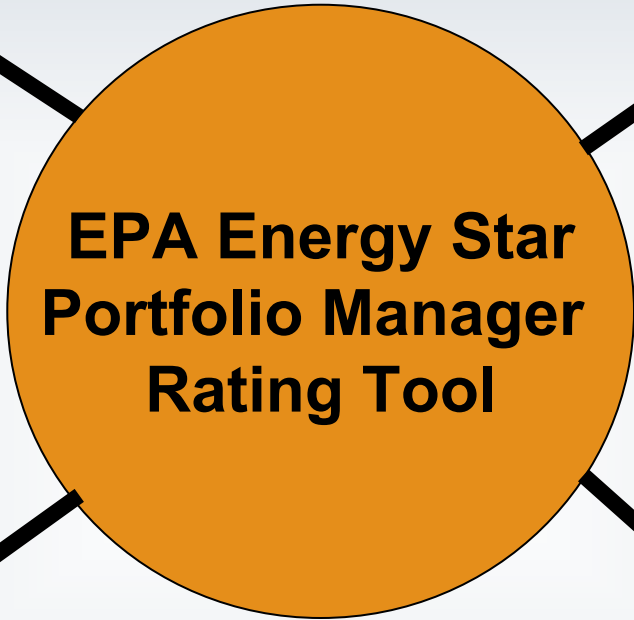


Green Building Certifications

- Green Globes
- LEED

BOMA

- Carbon4Square
- 7-Point Challenge



Disclosure Policies

- Austin
- New York City
- San Francisco
- Seattle
- Washington DC

Real Estate Firms

- CBRE
- CushWake
- Opus
- Shorenstein
- Unico





BOMA Portland presents

Carbon4Square

Building Efficiency Challenge

- Managed by Northwest Energy Efficiency Alliance and BOMA
- Preceded by 4 years of Office Energy Showdown
- Started Fall 2010, ended May 2012
- 74 participating office buildings, including 47 in Portland
- **Saved \$1.2 million in energy costs and 15.3 million kWh in 2011**
- Free Energy Star certification by professional engineer
- Free scoping study from NEAA
- Connections to other incentives from Energy Trust and BPS





BOMA Portland presents

Carbon⁴ Square

Building Efficiency Challenge



LANGLEY



Liberty Center



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Commonwealth Building



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Albers Mill



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Russell Development



200 Market



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City Hall



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Building Efficiency Challenge



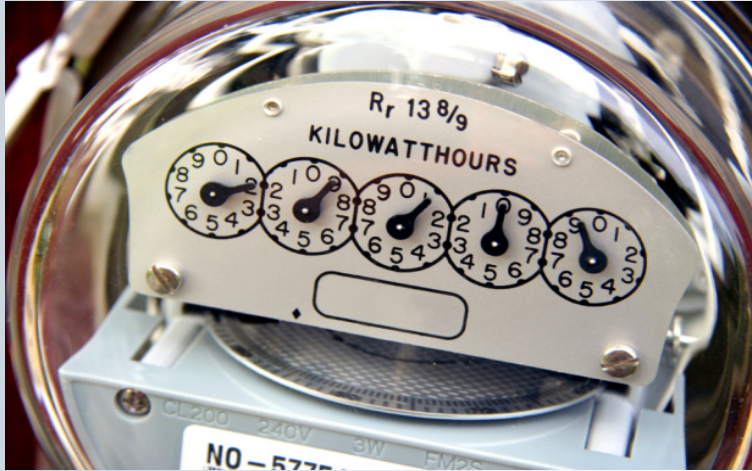
Portland Building



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Building Energy Efficiency Partnership



- Partnership includes:
 - BOMA
 - City of Portland BPS
 - Energy Trust of Oregon
 - Northwest Energy Efficiency Alliance
 - Portland Development Commission

- Goal to double participation in next version of Carbon4Square
 - 150+ commercial buildings benchmark in greater Portland
 - Save \$2 million in energy costs in 2013
 - Increase recognition



Building Energy Efficiency Partnership



October 2012 launch, running through spring 2014
portlandoregon.gov/bps/greenbuilding

