



Green Ribbon Commission Building Energy Recommendations

Energy & Environment Committee

Seattle City Council

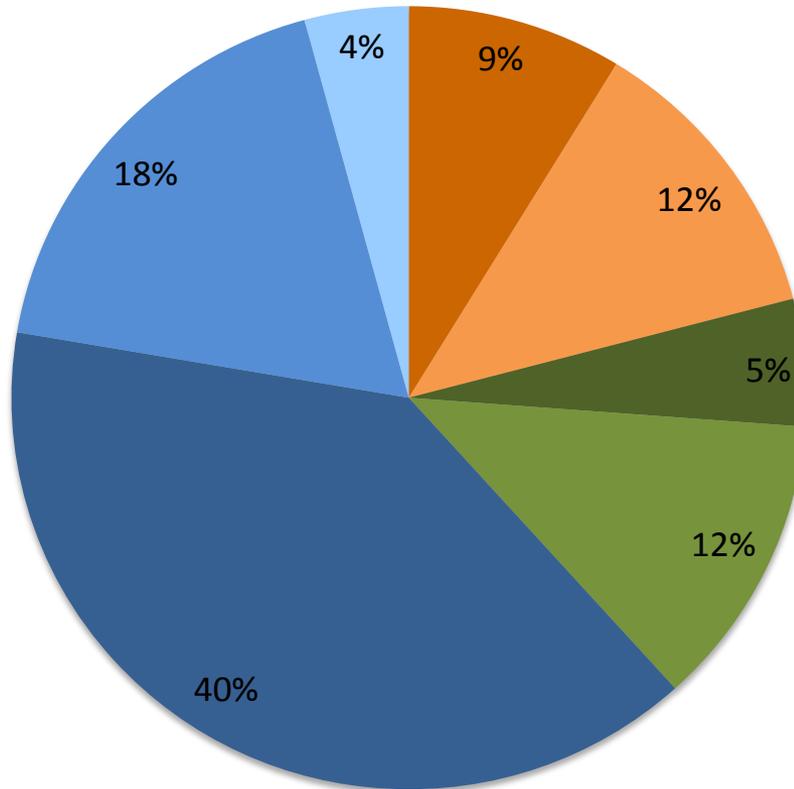
February 26, 2013



BACKGROUND & CONTEXT



Seattle Greenhouse Gas Emissions



Transportation - 62%

- Road Transportation
- Air Transportation
- Marine Transportation

Buildings & Equipment - 21%

- Residential
- Commercial

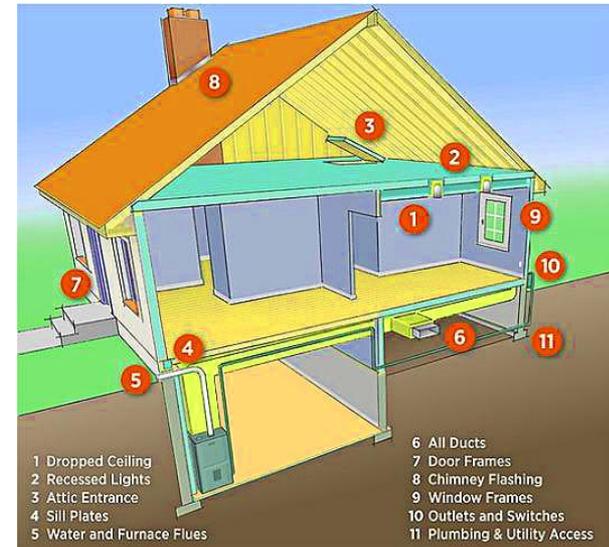
Industry & Other - 17%

- Industrial Operations
- Industrial Processes & Other



Reducing Building Energy Emissions

- Reducing Energy Use
 - Existing Buildings
 - New Construction



- Using Cleaner Fuels

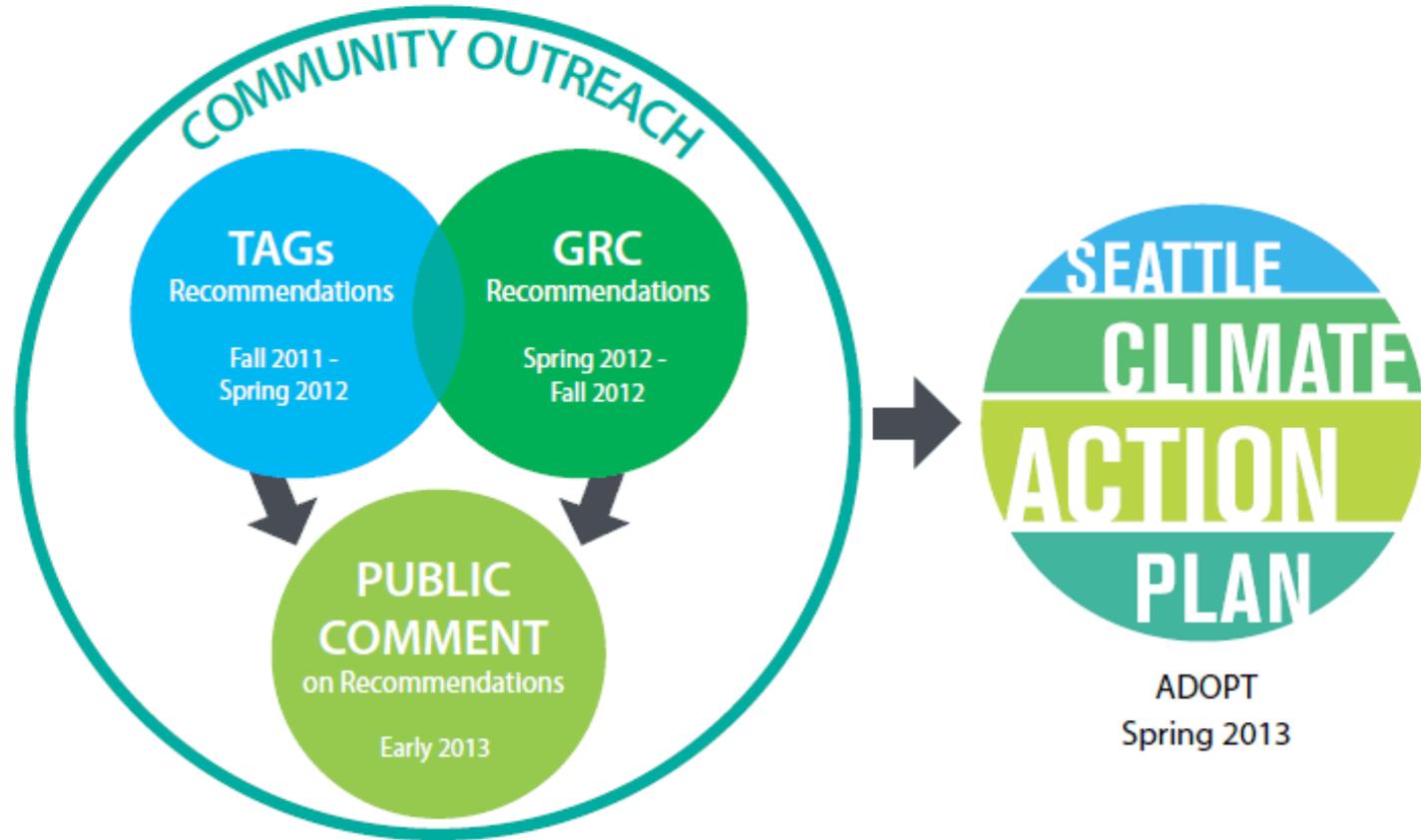




CLIMATE ACTION PLAN



CAP Recommendations





Outreach and Feedback

General Public Feedback

- Value SCL commitment to conservation, renewables, and carbon neutrality
- Value home energy upgrade assistance programs
- Want more assistance for renters

Industry Feedback

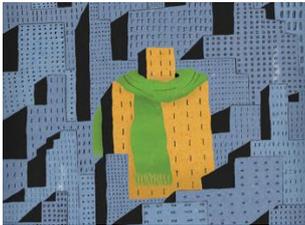
- Concerns about public disclosure of benchmark scores
- Concerns about home energy requirements with home sales
- Support for incentive and assistance programs



Four Action Areas



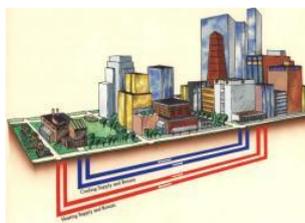
Pricing and Financing



Efficient Operations



Efficient Construction



Infrastructure for Low Carbon
Fuels



Approach to Plan

- On challenging but important actions
 - Include as a longer-term policy
 - Use incentives and assistance as precursors to mandates
 - Start with pilots in the next 1-3 years
 - Engage industry in thoughtful program/policy development





Implementation

- Policies are interactive, and must be carefully sequenced

Benchmarking Data Informs Incentive Programs

- Incentive Programs Expanded
- Financing Programs Established
- More Information to Building Managers

Requirements after helping all buildings improve performance



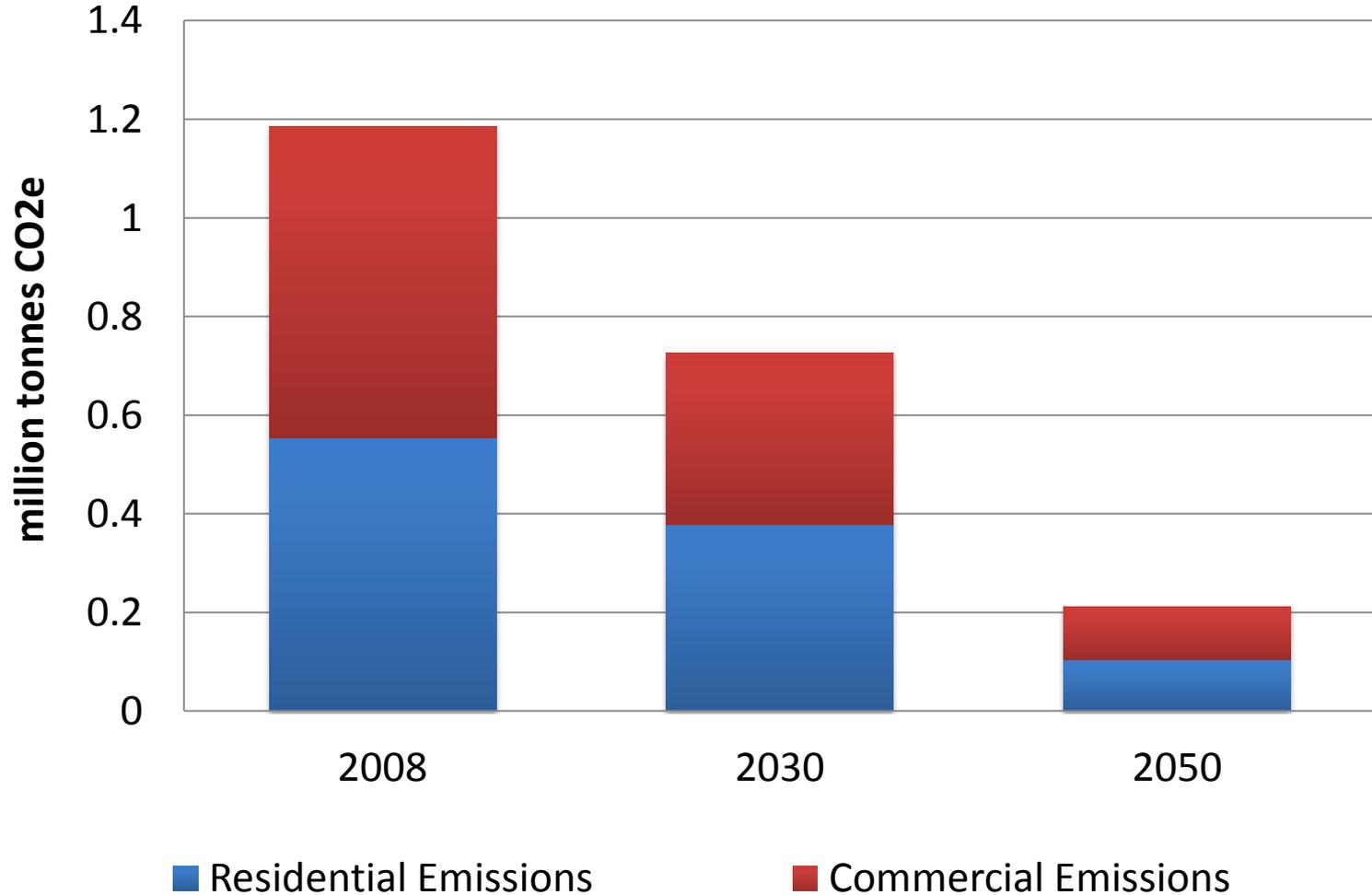


1-3 Year Action Highlights

- Multi-Family Rental Property Tax Exemption
- Transitioning CPW-Home
- District energy pilot
- Develop and pilot approach to home energy disclosure at sale
- Identify commercial financing tools
- SCL pilot of outcome-based incentives (Pay for Performance)



Estimated GHG Impact of Aggressive Action





Comparison to Council 2030 Reduction Targets

	Council Target	CAP Actions
Residential Energy Use	20%	27%
Commercial Energy Use	10%	15%
GHG Intensity of Fuels	25%	25%

Reductions from 2008 baseline



QUESTIONS & DISCUSSION