



# Seattle Climate Action Plan

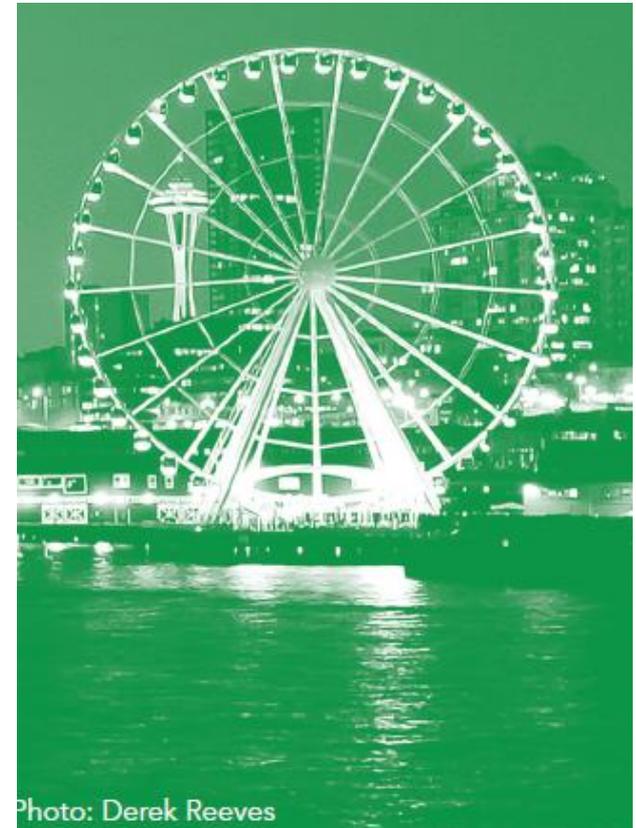
Seattle City Council

April 22, 2013



# Climate Action Plan Organization

- Reducing Emissions
  - Transportation
  - Building Energy
  - Waste
- Preparing for Climate Impacts
- What You Can Do
- What Others Are Doing





# Action Structure



## Actions to Implement by 2015

- Pilot new ideas, test new approaches & lay the foundation for longer-term actions.



## Actions to Implement by 2030

- Will take time to implement but are essential for achieving our climate & community goals.



# Plan-Wide Keys To Success

- Design & Implement Actions to Maximize Community Outcomes
- Implement Actions as an Integrated System
  - Carefully coordinate implementation to avoid unintended consequences.
  - Actions are interdependent and need to be implemented as a package to realize benefits.
- Fully Fund & Implement Related Plans
- Integrate Race & Social Justice Goals

# Transportation & Land Use





# Transportation & Land Use

- Transportation Choices
  - Funding
  - Infrastructure & Service
  - Demand Management
  - Vehicle Fuels & Technology
- Complete Communities
  - Policy & Planning
- Economic Signals
  - Road Pricing
  - Parking Management

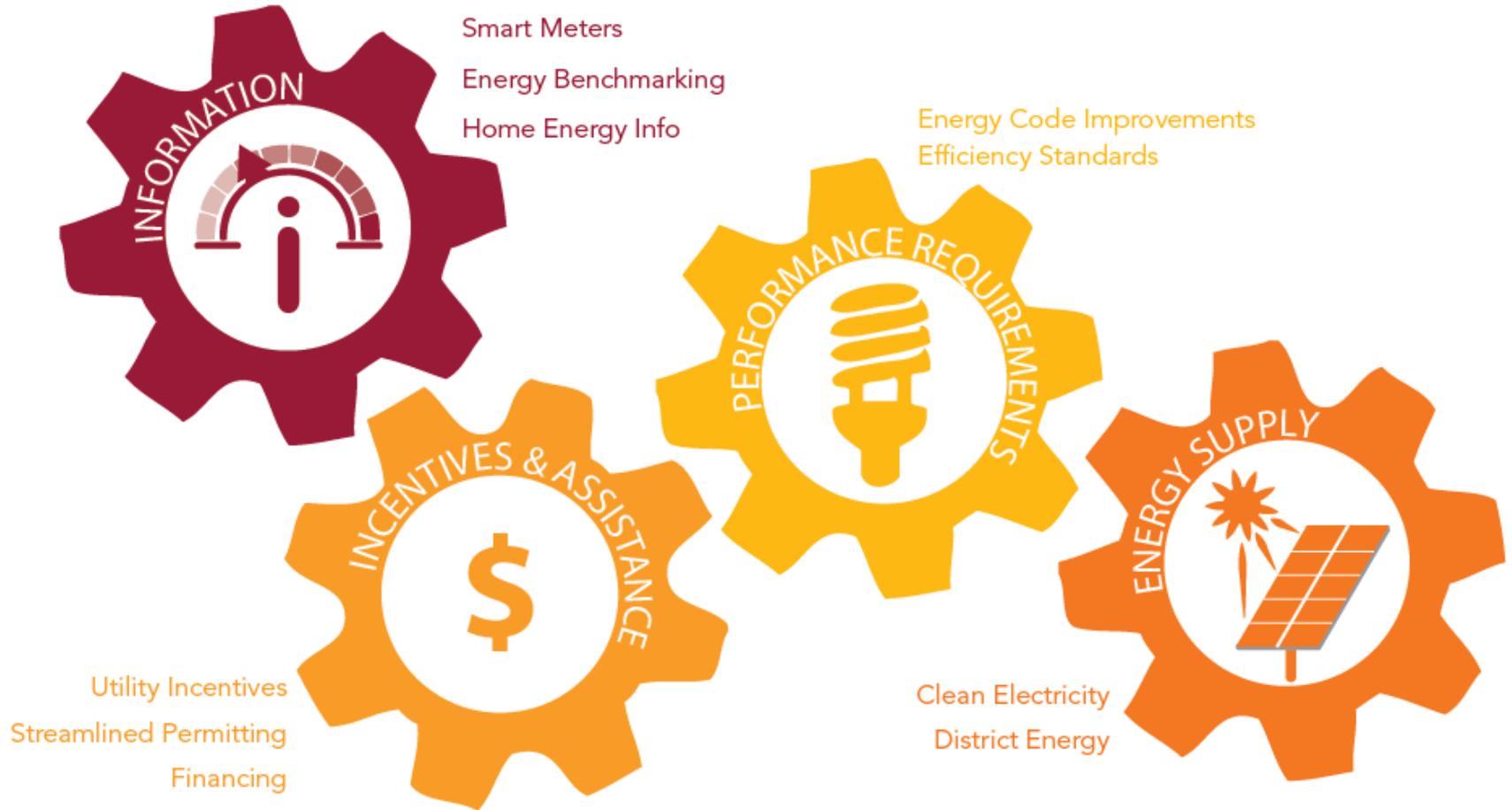




# Transportation & Land Use Keys to Success

- Increase Funding
  - Maintain existing service levels
  - Meet the bold vision for our transportation system
- Create Walkable, Transit-Oriented Neighborhoods
  - Leverage growth to create complete communities
  - Increases the cost effectiveness of actions
- Implement Economic Signals
  - Powerful strategies for influencing travel behavior and providing revenue for transportation choices

# Building Energy





# Building Energy

- Improving the Efficiency of New & Existing Buildings
  - Information
  - Incentives & Assistance
  - Performance Requirements
- Expanding Clean Energy Sources
  - Energy Supply



# Building Energy Keys to Success

- Increase Efficiency of Existing Buildings
  - Majority of 2050 buildings have already been built
- Build on City Light's Successful Conservation Program
  - Expand the reach of information & incentive programs
- Engage Everyone
  - City & utilities
  - Building owners/operators (single family to commercial buildings)

# Waste

## 2008 WASTE MANAGEMENT



TOTAL WASTE



% OF WASTE DIVERTED

## 2022 WASTE MANAGEMENT TARGET

Reduce Total Waste & Increase % Share of Recycling/Compost



TOTAL WASTE



% OF WASTE DIVERTED



# Waste

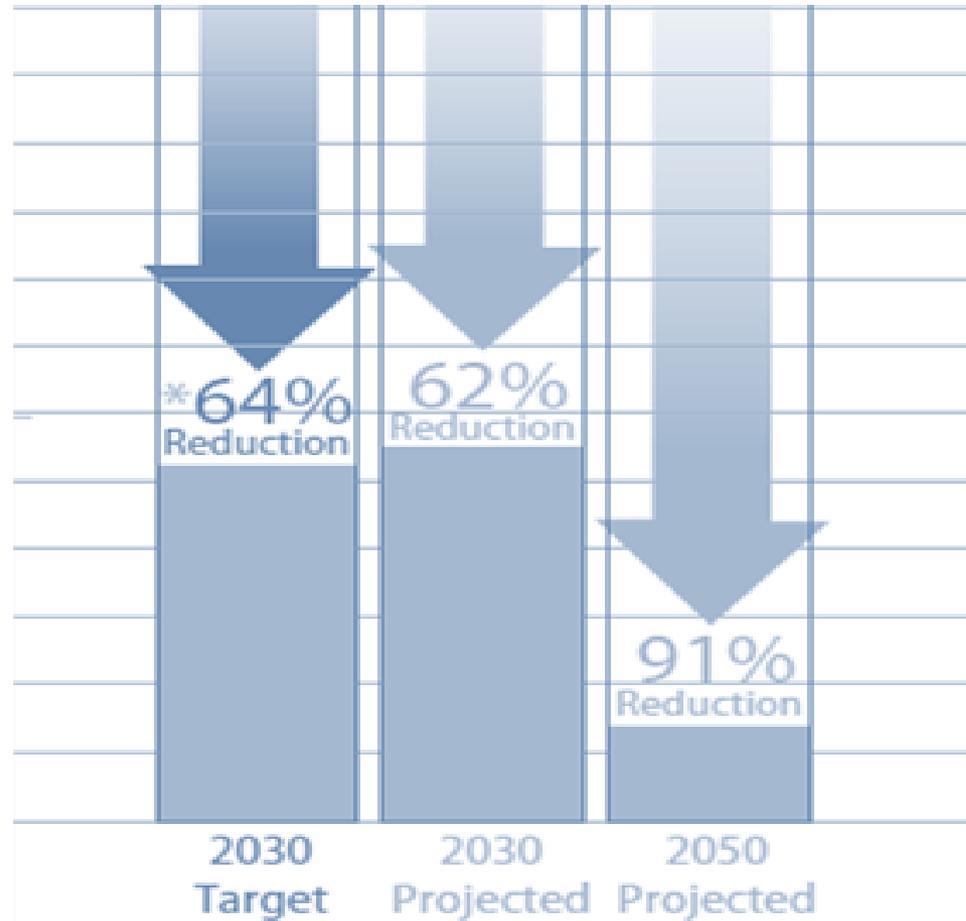
- Reduce total waste generated
- Increase the share of waste diverted from landfill
  - Waste reduction & Product Stewardship
  - Recycling & Composting
  - Collection, Processing, & Disposal



# Waste Keys to Success

- Fully Implement the Solid Waste Management Plan
  - Greatest reduction benefits come from diverting material to recycling
- Work with Waste Haulers and Landfill Operator to Reduce Emissions

# Emissions Reduction Potential



Combined passenger transportation, land use, and building energy emissions reductions



# Preparing for Impacts

## 2015 Planning Actions

- Assessment & Planning
- Natural Systems
- Utility Systems
- Community Preparedness
- Land Use & the Built Environment





# Preparing for Impacts

## Keys to Success

- Take an Adaptive Management Approach
- Collaborate Across the Region
- Effectively Engage Residents & Businesses
- Support Vulnerable Residents



# Plan Adoption Schedule

4/22 - Full Council Briefing

4/23 - Energy & Environment Committee Briefing

5/7 - Council Town Hall

5/14 - Energy & Environment Committee Briefing & Potential Vote

5/20 - Full Council Discussion & Potential Vote



Questions?

SEATTLE  
CLIMATE  
ACTION  
PLAN