



MOVING the NEEDLE

SEATTLE'S ENVIRONMENTAL PROGRESS REPORT

- 2014 -



Letter from the Mayor



Dear Fellow Seattleites,

You'd be hard pressed to find a list of the nation's greenest cities that doesn't put Seattle at or very near the top. I'm incredibly proud to be mayor of a city that's known worldwide for its environmental leadership.

Moving the Needle is a report about the City of Seattle's environmental goals and our progress in achieving them. This report details key goals previously set by the City of Seattle, ranging across seven areas: buildings and energy; transportation and land use; food; waste; water; trees and green space and climate change.

The report illustrates that there are many reasons why Seattle is an environmental leader. We are on-track to achieve many of our goals, such as electricity and water conservation; however, there are other goals, like climate change, where the challenge looms large and there is much work to be done. Moving the Needle is just a start. We intend to use this report to evaluate how we are doing on our environmental commitments and identify areas for improvement. Working with the community, we will evaluate our goals and metrics to ensure they adequately reflect our priorities and reliably track our progress. We will update Moving the Needle biennially to hold us accountable for what we care about over time.

I hope that all of us—policy makers, environmental leaders, businesses and residents—will continue our efforts to create a green, prosperous, and equitable future for our city.

Thank you for all that you've done to make Seattle an environmental leader and thank you for all that you will do to help us aim high, achieve more, and stay at the top of those 'greenest city' lists.

Sincerely,

Mayor Ed Murray



ABOUT MOVING THE NEEDLE

City of Seattle has hundreds of environmental goals expressed in various plans, policies, and programs, which City departments track in many ways. *Moving the Needle* is our first step in assembling a set of high level environmental goals and accomplishments in one report for improved tracking and accountability. It reports on select environmental goals already in place, with the community in mind.

Environmental areas covered in this report include: Buildings & Energy, Transportation & Land Use, Food, Waste, Water, Trees & Green Space and Climate Change.

Moving the Needle is not a sustainability report nor is it an exhaustive accounting of all of Seattle's environmental activities. Please visit www.seattle.gov/environment for more detailed information about the City's environmental plans and activities.

ACKNOWLEDGEMENTS

Thank you to the many City of Seattle staff members from the following departments who contributed to the development of this report.

- Office of the Mayor
- Office of Housing
- Office of Sustainability and Environment
- Department of Human Services
- Department of Finance and Administrative Services
- Department of Neighborhoods
- Department of Transportation
- Department of Parks and Recreation
- Department of Planning and Development
- Seattle City Light
- Seattle Public Utilities

MOVING THE NEEDLE 2014

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Seattle is fortunate to have a robust supply of clean hydroelectric power with 7 of its own hydro facilities and several renewable power contracts. Today, hydropower supplies 92 percent of Seattle's electricity. Conservation has long been the City's first-priority, with energy conservation programs dating back to the 1970s.



RANKED 1ST1ST UTILITYIN THEIN THENATIONNATIONfor greento achievebuildingzero-netpolicycarbonemissions

ENVIRONMENTAL STEWARDSHIP is fundamental to how we manage our energy resources. Seattle protects some **13,000 acres of habitat** in our hydro watersheds, including old-growth forest & spawning grounds for salmon.

OUR STRATEGIES:

The City is committed to meeting future energy needs through conservation and renewables as well as protecting our important energy resources for today's generation and the next. Our strategies include:

Energy Conservation

Energy efficiency is our first-priority for meeting electricity needs.

Green Buildings

Seattle is one of the top green building markets in the nation.

Renewable Energy

Seattle is well-positioned to meet future energy needs with low carbon sources.

THE BENEFITS:



THE CHALLENGE AHEAD:

Aggressive energy codes and green buildings programs are dramatically reducing the amount of energy new buildings use. Now our challenge is to achieve the same results in the buildings that we already live and work in.

Energy Conservation



Green Buildings

4 INCREASE THE NUMBER AND LEVEL GOAL OF GREEN CERTIFIED BUILDINGS



32 out of **34** City-owned buildings completed between 2000-2013 achieved a LEED rating:

| Platinum: | Gold: | Silver: | Certified: |
|-----------|----------|----------|------------|
| King St | 20 | 9 | 2 |
| Station | projects | projects | projects |

Renewable Energy

5 15% OF ELECTRICITY ACQUIRED FROM NEW RENEWABLE SOURCES BY 2020



1.175

of these are

low-income

families

the measures

220.847 TONS

of greenhouse gas emissions

avoided over the lifetime of

3.040

families with

upgrades complete

or in progress

30%

average

energy

savings

= THE LEADING EDGE =

Seattle's energy upgrade program helps residents with low-cost energy assessments, rebates, financing, and pre-approved contractors. Community Power Works delivers energy efficiency solutions and lasting environmental and economic benefits. Customers gain more than energy savings – they're making their homes healthier, safer, more comfortable places to be.

Learn more about Seattle's environmental work

WWW.SEATTLE.GOV/ENVIRONMENT





TTTTT TTTTT 120,000 & 115,000 NEW RESIDENTS NEW JOBS

are expected in Seattle over the next 20 years.

40%

OF SEATTLE'S GREENHOUSE GAS (GHG) Emissions come from transportation



This includes both how we get around and how we move goods & services.

OUR STRATEGIES:

As Seattle grows, we will continue to reduce our impact on climate change and build a thriving city. Our strategies include:

Transportation Choices

Providing affordable and reliable transportation options that lower greenhouse gas emissions.

Complete Neighborhoods

Building economically diverse urban neighborhoods where what you need is close to where you live.

Safe Streets

Improving pedestrian & bicycle safety to make walking & biking more appealing.

THE BENEFITS:



THE CHALLENGE AHEAD:

With strong community input, Seattle has adopted transit, bicycle and pedestrian plans to achieve our vision of moving people and goods efficiently and with less environmental impact. Our challenge now is to make this vision a reality on-the-ground.

AI MOST

THERE!

ALMOST

THERE!

Transportation Choices



25% OF COMMUTERS DRIVE **ALONE BY 2035**



Seattle has joined an elite group of cities where less than 50% of workers commute by a single occupancy vehicle.

INCREASE TRANSIT BOARDINGS BY 37% BY 2040 (2012 BASELINE)







Safety improvements, bike lanes & greenways are making it easier to get around by bike and foot. The City counts bicyclists and pedestrians quarterly at 50 locations citywide.

Complete Neighborhoods

45% OF HOMES LOCATED WITHIN URBAN VILLAGES BY 2030

This is 133.000 out of a total of



of homes are

currently within

GNAI

5

6

GOAI

Seattle's Comprehensive Plan identifies 30 urban villages across the city. These are designated areas to attract new jobs, housing, & investments to connect residents to nearby jobs & amenities.

318.000 homes

85% of Jobs located within **URBAN VILLAGES BY 2030** GOAL

84% of jobs are located in urban villages

Top Job Growth Neighborhoods:*

- South Lake Union
- 2. Othello
- 3. Westwood Highland Park

* % increase in jobs from 2004-2012

- 4. Lake City
- 5. Columbia City
- **ENHANCE** NEIGHBORHOOD WALKABILITY

Отн most walkable large city in the US* *According to Walk

Score™

Many Seattle neighborhoods offer a variety of nearby amenities including:



Public transit



This allows people to leave their cars at home more often.

Safe Streets

ELIMINATE SEBIOUS & FATAL CRASHES BY 2030 GOAI



= THE LEADING EDGE =

FIFCTRIFIED TRANSPORTATION An important climate strategy

Seattle's carbon neutral electricity makes electric transportation a key climate strategy. Growth in Metro trolley buses, the Seattle Streetcar, and Link Light Rail are expanding our electric transit options and Seattle has one of the highest electric car ownership rates in the nation.

The City of Seattle is leading by example with our growing electric fleet:





Learn more about Seattle's environmental work WWW.SEATTLE.GOV/ENVIRONMENT



The food we produce and consume impacts our health, our economy, and our environment.

Rising obesity and diet-related diseases cost money and lives. Chemically intensive agriculture degrades the quality of our land, our air, and our water.



ONE IN FIVE CHILDREN IN KING COUNTY

does not always have enough to eat and healthy food is even harder for some to afford.



A DIET RICH IN LOCAL FRUITS AND VEGETABLES

reduces greenhouse gas emissions, protects our natural resources, and is good for everyone. Growing, eating, and sharing food brings people together.

OUR STRATEGIES:

Seattle is committed to increasing healthy food access while continuing to protect our farmlands and grow our local food economy for all. Our strategies include:

Healthy Food Access

Seattle residents should have enough to eat and access to affordable, local, healthy, sustainable, culturally appropriate food.

Local Food Production

It should be easy to grow food in Seattle for personal use or business purposes.

Strong Food Economy

Businesses that produce, process, distribute, and sell local and healthy food should grow and thrive in Seattle.

THE BENEFITS:



THE CHALLENGE AHEAD:

Sprawl, rising food prices and the changing climate all affect our food system. Parts of Aurora, Lake City, High Point, Delridge, Georgetown, and South Park have limited food and transit access. Consuming local fresh food - and organic wherever possible - promotes health and a thriving food economy.

MOVING THE NEEDLE 2014 City of Seattle's Environmental Achievements **1 (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (c) (b) (c) (c)**

Strong Food Economy



= THE LEADING EDGE =2013 TRANSFER OF DEVELOPMENT RIGHTS

Healthy Food for All

Seattle and King County's watershed Transfer of Development Rights agreement in 2013 will sustain the production of fresh, local food to supply to residents, restaurants and retailers for generations to come. Seattle developers can now purchase development rights from rural forest and farm lands for increased development capacity in South Lake Union.



Learn more about Seattle's environmental work WWW.SEATTLE.GOV/ENVIRONMENT



Local Food Production

SEATTLE

Increase

livability

Increase

availability of

local food

Increase

density



INCREASE LOCAL FOOD CONSUMPTION

Seattle's 2013 Farmers Market Snapshot:

| 215 | 4 | 16 | 4 |
|---------|--------------|-----------|------------|
| unique | farmers | farmers | year-round |
| farmer | market | market | farmers |
| vendors | associations | locations | markets |

KING DEVELOPMENT RIGHTS TRANSFER: COUNT 800 Development Rights

3

GOAL

\$98 MILLION OF NEW PROPERTY TAX REVENUE (COUNTY'S SHARE) FROM NEW DEVELOPMENT

\$18 Million for Land Protection

\$17 MILLION OF KING COUNTY REVENUE FOR PUBLIC IMPROVEMENTS IN SOUTH LAKE UNION



Preserve farm and forestland



OVER THE PAST 25 YEARS, Seattle residents saved over 3 million metric tons of greenhouse gas emissions by recycling.



As households have increased recycling, the amount of waste sent to the landfill has decreased.



OUR STRATEGIES:

Seattle residents and businesses divert more waste than nearly every other city in the nation. We strive to maintain and improve on that level of excellence. Our strategies include:

Waste Prevention

Reducing waste by not creating it in the first place.

Recycling & Composting

Expand recycling and composting through services, incentives, and regulations.

THE BENEFITS:



THE CHALLENGE AHEAD:

While Seattle continues to be a leader in recycling and composting, approximately half of what we send to the landfill is either food waste or recyclable material. We can do better!

32-GALLON CAN PER WEEK

Waste Prevention



2012 PLASTIC BAG BAN

292 M plastic bags used annually in Seattle before 2012. Only 13% were recycled.

The 2012 Ban eliminated the use of these bags.

Recycling & Composting



RECYCLE 70% BV 2022 GOAL



SINGLE-FAMILY HOUSEHOLDS

70%

of waste

recvcled

in 2012



3

We achieved our highest ever recycling rate in 2012. Kev to this success has been organics collection & disposal bans.

MULTI-FAMILY SECTOR



While achieving their highest recycling rate yet in 2012, more work is needed to help landlords & tenants recycle more.

COMMERCIAL SECTOR



2,500 businesses recycled organic waste in 2012 compared to 900 in 2008

= THE LEADING EDGE =

CONSTRUCTION & DEMOLITION PROGRAM

As Seattle continues to grow, it's imperative that we look for better ways to manage our waste stream. Waste from construction and development is substantial. Recently, the City took steps to significantly reduce the waste from these activities that goes to our landfills. New requirements have been adopted for new construction, remodeling and demolition activities in Seattle.

SEATTLE CITY COUNCIL HAS ADOPTED A GOAL FOR **RECYCLING 70% OF CONSTRUCTION WASTE BY 2020.**

70% BY 2020



As of January 1, 2014 construction projects file a Waste Diversion Plan before starting a project, and at the end, they file a report on materials delivered to recycling facilities.





Seattle is committed to delivering high-quality drinking water and protecting our local waterways.



OUR STRATEGIES:

Seattle will cost-effectively manage the drinking water supply and stormwater runoff while protecting public health and the environment.

Water Conservation

Ensure that saving water continues to be second nature for people by providing excellent education, tools & incentives.

Watershed Protection

Protect water quality & restore habitat in the mountain watersheds that supply our drinking water.

Pollution Prevention

Partner with the community to stop pollution at its source.

Sewage Overflow Prevention

Use system improvements, green stormwater infrastructure, & flow reduction strategies to protect our waterways.

THE BENEFITS:



THE CHALLENGE AHEAD:

For more than 100 years, Seattle has enjoyed plentiful and high-quality drinking water from protected mountain sources. In the future, we will likely see more rain, leading to more sewage overflows and polluted stormwater runoff. Protecting our water supply from the effects of climate change and polluted runoff will preserve our quality of life for future generations.

5

Water Conservation



Watershed Protection





Decommissioning decreases sediment input into adjacent streams and habitat fragmentation, benefiting aquatic animals and water quality.

Pollution Prevention





GSI Methods: Bioretention and rain gardens, permeable pavement, green roofs, urban canopy cover, rainwater harvesting, soil building, biofiltration, and depaving.

INCREASE POLITITANT **REMOVAL FROM ROADWAYS** GOA

| 2 | 50% increase in pollutant removal between 2011 & 2013 | | | | |
|----|---|---------------------|--|--|--|
| | Miles Swept: | Pollutants Removed: | | | |
| 25 | 2011 6,650 MILES | 66 tons | | | |
| | 2013 10,330 MILE | S 99 tons | | | |

Street sweeping is an incredibly simple and costeffective method of preventing pollution from getting into our waterways.

= THE LEADING EDGE =

SEATTLE'S RAINWISE PROGRAM

Rain that falls on roofs, roads, driveways and compacted soils collects guickly, then runs off into local waterways. During heavy rain storms this "stormwater" can back up and flood homes, overflow sewers, and erode hillsides. It also carries pollutants from cars, lawn chemicals. cleaners and pet waste into Seattle's creeks and swimming beaches.

The RainWise program helps homeowners reduce this polluted runoff by providing rebates for natural drainage solutions on their property.

Sewage Overflow Prevention

REDUCE SEWER BACKUPS TO LESS THAN 4 PER 100 PIPE MILES BY 2025 GΠΔΙ





Keep your drains fat free: Dispose of FOG in a sealed container in

REDUCE COMBINED SEWER OVERFLOWS 6 **TO NO MORE THAN 1 OVERFLOW PER OUTFALL** PER YEAR BY 2025 GOAL



Overflows from 52 outfalls are controlled

87 Outfalls are owned by the City of Seattle. The outfall is considered controlled when it has no more than one overflow per year.

AS OF JANUARY 2014, SEATTLE residents have installed more than:







Learn more about Seattle's environmental work WWW.SEATTLE.GOV/ENVIRONMENT

Trees & Green Space

Enhancing our urban forest & natural areas

SEATTLE IS A TOP 10 CITY NATIONWIDE FOR

urban forests. Our urban forest is accessible; it benefits from strong community partnerships; and is managed through specific policies aimed at protecting our trees.

PARKS AND NATURAL AREAS COMPRISE 11% OF SEATTLE'S LAND AREA.



MORE THAN HALF OF OUR PARKLAND is natural

beaches, forests, and wetlands. These natural areas are vital to growing a healthy and livable city and yield social, environmental, and economic benefits.

OUR STRATEGIES:

Seattle will preserve and enhance its open spaces, parks and trees to maximize ecological, social, and environmental benefits for all. Our strategies include:

Tree Canopy

Preserve and maintain trees, maximize benefits, and increase community engagement in taking care of trees.

Green Space

Provide safe and welcoming places for people to play, learn, contemplate, build community, and experience nature.

Stewardship

Engage the whole community in sustaining and enhancing our parks, natural areas, and trees.

THE BENEFITS:



THE CHALLENGE AHEAD:

Since the majority of Seattle's trees are on private property, residents play a critical role in protecting our urban forest. Ongoing community support is absolutely essential to a thriving park system—including on-the-ground volunteer restoration and strong community partnerships that ensure Seattle parks and green spaces will continue to be treasured by future generations.

6

GOAL

PARTNERSHIPS

Green Space







ALL RESIDENTS LIVE WITHIN 1/4 MILE OF A PARK



100% LEVEL OF SERVICE FOR CARE **OF SEATTLE'S GREEN SPACES**





Tree Canopy



2,500 ACRES OF FORESTED PARKLAND **RESTORED BY 2025**



= THE LEADING EDGE =**GREEN SEATTLE PARTNERSHIP**

The Green Seattle Partnership is a unique public/private partnership between the City of Seattle, Forterra, and thousands of community volunteers, who, with the support of businesses and nonprofits, actively work to restore and maintain Seattle's forested parklands. The Partnership relies on large-scale civic engagement to ensure that our children and their grandchildren continue to enjoy the health and economic benefits of vibrant parks, forests, and natural areas throughout Seattle.

Stewardship

INCREASE VOLUNTEERS CARING FOR **NATURAL AREAS AND TREES** GOAI

| PROGRESS | | A 17% increase over the last 3 years | | NEARLY 10,000 youth volunteered in | |
|----------|------------------------|---|------------------------------|---|--|
| | Voluntee & natural | rs caring fo areas: | or trees | Seattle parks in 2013 | |
| | 2011: 24,900 | 2012: 27,600 | 2013: <mark>29,100</mark> | Contributing 55,000 hours! | |
| 7 | | | REES IN NEI JGH COMM | GHBORHOODS | |



In addition, more than **350** community members got a City permit to plant trees at their own expense







ACHIEVED

Forest Stewardship Council[™] certified - Seattle's forested parks meet the highest international standards FSC in sustainable forest management



Learn more about Seattle's environmental work WWW.SEATTLE.GOV/ENVIRONMENT



CLIMATE CHANGE IS THE ENVIRONMENTAL

challenge of our time and it's imperative that Seattle do its part to protect the climate. Thanks to our clean electricity, green buildings, complete neighborhoods, and waste reduction programs, Seattle already has a lower footprint than our suburban neighbors, but we have more work to do to achieve our goal of carbon neutrality.

SEATTLE'S 2012 CORE GREENHOUSE GAS EMISSIONS*



* Seattle's core emissions are those the City can most directly affect - Transportation, Building Energy, and Waste.

2050 OVERALL GOAL:

The goals and strategies called out in the previous six sections of this document all support our bold goal of carbon neutrality, as defined as zero net emissions. The 2013 Climate Action Plan lays out a comprehensive strategy to dramatically reduce the footprint of our transportation system, buildings, and waste.

2030 TARGET:

58% REDUCTION IN TOTAL CORE EMISSIONS BY 2030 (2008 baseline)

From 2008 to 2012: Total emissions increased 1% but per person emissions decreased 6%.

Seattle's core emissions are **6** metric tons per person – that's about half the U.S. average.

GOAL

SECTOR SPECIFIC 2030 EMISSIONS TARGETS:



PASSENGER

VEHICLES



Total emissions increased: 6%

Per person emissions decreased: 1%



BUILDING

FNFRGY

39% REDUCTION FROM 2008 LEVELS

Total emissions decreased: 10%

Per person emissions decreased: 15%



58% REDUCTION FROM 2008 LEVELS

Total emissions

SOLID WASTE

decreased: 17%

Per person emissions decreased: 23%



SEATTLE IS CARBON

NEUTRAL BY 2050.

Preparing for a Changing Climate

Addressing climate change is not just a matter of reducing greenhouse gas emissions. We also must prepare for a changing climate. While flood-ing, heat waves, and extreme high tides are not new challenges in Seattle, climate change will shift the frequency, intensity, and timing of these events.

Projected Pacific NW Climate Impacts



Increase in sea level will lead to greater flooding and likely resulting in property damage and other economic losses.



Wetter winters and more extreme precipitation events are expected and could stress our drainage system.



REDUCED MOUNTAIN SNOWPACK Reductions in snowpack and changes in stream flows will affect how we operate Seattle's water and hydropower generation systems.



Increase in average temperatures and extreme heat events will increase the frequency and severity of heat stress, respiratory disease and energy demand for cooling.

2015 Preparedness

DEVELOP CITYWIDE CLIMATE PREPAREDNESS STRATEGY BY 2015 GOAL

Work is underway and the City is on track to produce a climate preparedness strategy in 2015 that will identify actions to increase Seattle's resilience to a changing climate, with a specific focus on minimizing disproportionate impacts on vulnerable populations, enhancing ecosystem services, and maximizing cost effectiveness and economic viability.

The Climate Preparedness Strategy will include actions to prepare Seattle's:



Seattle's Climate Preparedness Toolbox



Sea Level Rise maps identify what parts of the City are most vulnerable under different sea level rise scenarios.



WindWatch provides short-term forecasts of high winds to help prepare for storm-related electrical outages.



Stream flow forecasts inform water reservoir management and help protect salmon.



RainWatch provides short-term forecasts and rain accumulation totals to help better prepare for and respond to incidents of extreme precipitation and urban flooding.

| Our Goal | Our Progress | Quick Status | Goal Source 17 |
|--|---|-----------------|---|
| BUILDINGS & ENERGY | | | |
| 1 105,200 Megawatt hours of electricity saved annually | 121,290 Megawatt hours saved in 2013 | ACHIEVED TARGET | I-937 (2006) |
| Reduce home energy use by 20% and commercial energy use by 10% by 2030 (2008 baseline) | 3% reduction in home energy use; 2% reduction in commercial energy use between 2008 and 2012 | MAKING PROGRESS | Climate Action Plan (2013) |
| 3 20% energy savings in City facilities by 2020 (2008 baseline) | 4% savings since 2008 | MAKING PROGRESS | Resource Conservation Management Plan (2013) |
| Increase the number & level of green certified buildings | 179% increase in LEED and 40% increase in Built Green buildings (with a greater percentage certified at higher levels) between 2008 and 2013. | MAKING PROGRESS | MOU for City Green Building (2008) |
| 5 Acquire 15% of electricity from new renewable sources by 2020 | Almost 5% of new renewable energy sources acquired in 2012 | MAKING PROGRESS | I-937 (2006) |
| 6 Increase solar energy production in the community | 38% increase in solar capacity since 2008 | MAKING PROGRESS | Department priority |
| TRANSPORTATION & LAND USE Only 25% of commuters drive alone by 2035 | 49% of commuters drove alone in 2012, down from 53% in 2011. | MAKING PROGRESS | State of the City (2014) |
| 2 Increase transit boardings by 37% by 2040 (2012 baseline) | 12% increase in transit boardings between 2010 & 2012 | MAKING PROGRESS | SDOT Action Agenda (2012) & PSRC Transportation 2040 |
| 3 Increase the number of bicyclist and pedestrians | 59% increase in bicyclists and 27% increase in pedestrians between 2011 and 2013 from counts at 50 locations citywide | MAKING PROGRESS | SDOT Action Agenda (2012) |
| 4 5% of homes located within urban villages by 2030 | 42% of homes are located within urban villages (as of 2013) | ALMOST THERE | Comprehensive Plan (2005) |
| 5 85% of jobs located within urban villages by 2030 | 84% of jobs are located within urban villages (as of 2012) | ALMOST THERE | Comprehensive Plan (2005) |
| b Enhance neighborhood walkability | Seattle is the 8th most walkable large city | NEED DATA | Comprehensive Plan (2005) |
| 7 Eliminate serious & fatal crashes by 2030 | 20% reduction in serious & fatal crashes between 2008 & 2013 | MAKING PROGRESS | SDOT Action Agenda (2012) |
| FOOD 1 Increase healthy food access | 45% increase in Seattle early learning centers purchasing healthy food from local farmers More than 70% increase in Fresh Bucks use at farmers markets between 2012 and 2013 | MAKING PROGRESS | Food Action Plan (2013) |
| 2 Increase urban food production | 104% increase in publically accessible land for growing food from 1990 to 2013 33% increase in P-Patch gardeners from between 2010 and 2013 | MAKING PROGRESS | Food Action Plan (2013) |
| 3 Increase local food consumption | \$1 million increase in farmers market sales between 2010 & 2012 | MAKING PROGRESS | Food Action Plan (2013) |
| WASTE Increase products where waste is managed by manufacturers | 3 waste products now managed by manufacturers: electronics, mercury-containing lights, and medicines. | MAKING PROGRESS | Solid Waste Management Plan (2013) |

| Our | Goal | Our Progress | Quick Status | Goal Source 18 |
|------|---|---|-----------------|--|
| 2 | Ban or discourage problem materials | 3 product discouragement/bans in place: phone book opt out, expanded polystyrene ban, and plastic bag ban. | MAKING PROGRESS | Solid Waste Management Plan (2013) |
| 3 | Reduce waste sent to land fill | 27% reduction in waste sent to the landfill over the last 7 years | MAKING PROGRESS | Solid Waste Management Plan (2013) |
| 4 | Recycle 70% by 2022 | 56% recycling rate in 2012, up 2% from 2011 | MAKING PROGRESS | Solid Waste Management Plan (2013) |
| WATI | ER | | | |
| 1 | Use less than 105 million gallons of water per day | 93 million gallons per day used in 2013 | ACHIEVED TARGET | Saving Water Partnership Stated Goal (2013) |
| 2 | Manage 700 million gallons of runoff by 2025 with green infrastructure | Manage about 100 million gallons with green infrastructure currently | MAKING PROGRESS | GSI Executive Order (2013) |
| 3 | Increase pollutant removal from roadways | 50% increase in pollutant removal between 2011 and 2013 | MAKING PROGRESS | Department priority |
| | Reduce sewer backups to less than 4 per 100 pipe miles by 2025 | Approximately 3 sewer backups per 100 pipe miles in 2013 | ACHIEVED TARGET | SPU Consent decree (2013) |
| | Reduced sewer overflows to one outflow per year by 2025 | 52 out of 87 outfalls are controlled | NEEDS WORK | SPU Consent decree (2013) |
| 6 | Decommission 236 miles of logging roads in Cedar River watershed by 2020 | 152 miles decommissioned to date | MAKING PROGRESS | SPU Habitat Conservation Plan (2000) |
| TREE | S & GREEN SPACE | | | Comprehensive Plan (2005) and |
| 1 | 1 acre of open space per 100 residents | .75 acres of parkland per 100 residents (2012 data) | MAKING PROGRESS | Parks & Recreation Development Plan (2006) |
| 2 | All residents live within 1/4 mile of a park | 83% of residents live within 1/4 mile of a park (as of 2010) | MAKING PROGRESS | Comprehensive Plan (2005) and Parks & Recreation Development Plan (2006) |
| 3 | 100% level of service for care of Seattle's green spaces | 58% level of service for green spaces in 2013 | NEEDS WORK | Draft Parks Legacy Plan (2014) |
| 4 | 30% tree canopy cover by 2037 | 23% canopy cover as of 2007 | NEEDS DATA | Urban Forest Stewardship Plan (2013) |
| 5 | 2,500 acres of forested parkland restored by 2025 | 1,000 acres of forested parkland in restoration | MAKING PROGRESS | Green Seattle Partnership 20 Year Strategic Plan (2005) |
| 6 | Increase volunteers caring for natural areas and trees | 17% increase in Parks volunteers between 2011 and 2013 | MAKING PROGRESS | Department priority |
| 7 | Plant 1,800 trees in neighborhoods annually through community partnerships. | 1,811 City-funded trees were planted in yards or planting strips in 2013. | ACHIEVED TARGET | Urban Forest Stewardship Plan (2013) |
| CLIN | IATE | | | |
| 1 | Seattle is carbon neutral by 2050 | 1% increase in total core emissions; a 6% decrease in per person emissions | NEEDS WORK | Climate Action Plan (2013) |
| 2 | Develop citywide climate preparedness strategy | In development | MAKING PROGRESS | Climate Action Plan (2013) |
| | | | | |

MOVING the NEEDLE

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– **2014** –



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