



Performance Track Regional Member Event

Epson Portland

Hillsboro, OR

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By
Elin D. Miller
Regional Administrator,
USEPA Region 10





Region 10 Strategy 2007-2011

Development

We listened...

- o National Strategy + Administrator's Priorities
- o Previous R10 Priorities + Strategy
- o Employees – 75% Response
- o Stakeholders



A Healthy Sustainable Environment for All

Sustainability & Strategic Partnerships

Enhancing Tribal Environments

Support the Core Programs

A stronger EPA

Protecting & Restoring Watersheds

Clean Affordable Energy & Climate Change

To protect and restore the environment of the Pacific Northwest and Alaska for present and future generations

Making a difference through People and Teamwork

Expect Excellence

Professionalism and Respect

Honesty and Integrity

Communication and Dialogue

Willing to Take Risks



Clean Affordable Energy & Climate Change

Preparing by doing

- Develop and implement a regional approach to address climate change
- Participate in West Coast Collaborative
- Maximize safe Oil & Gas exploration, development and production in Alaska



Administration's Effort

- Jan 2002 President announced cut of GHG intensity by 18% in 2012
- Jan 2007 President announced reduction in domestic gasoline usage by 20% in 10 years – 20 in 10
- \$37 billion investment in Climate Change Science/Technology/Tax Incentives since 2001
- Supreme Court April 5-4 Decision: EPA Authority to regulate CO₂ in transportation – Federal Rulemaking announced in May

Administration Efforts

cont'd

- Extensive Analysis of Pending Bills
- Draft Rules out by Year End
- CA Waiver Decided by Year End
- Presidential Challenge to G8



EPA National Climate Change Priority

Focus Areas

- Energy Efficiency
- Energy Production & Supply
- Manufacturing & Industrial Processes, and
- Transportation & Fuels.



Regional Climate Change Framework

- Understanding regional climate change impacts and their implications in greater detail
- Assisting communities in adapting to those changes that are inevitable, and
- Mitigating greenhouse gas emissions



Expected Regional Focus Areas

- Air quality: ozone and particulate matter
- Water: water infrastructure challenges, drinking water treatment, and water quality challenges
- NEPA: considering how climate change implications might be relevant to assessing project impacts
- Biofuels: managing the environmental impacts of increased feedstock acreage and fuel production facility discharges
- Continued and expanded focus on voluntary programs: West Coast Collaborative and others



Performance Track and Climate Change

- National Energy Use Challenge Commitment
- Region 10 Greenhouse Gas Reduction Challenge Commitment
- Minimum 10% reduction in use of energy/greenhouse gases over three years
- 2 for 1 credit: commitment counted as two of the required four performance track goals



Sustainability & Strategic Partnerships

Building on our strength

- Improve partnerships with private sector, government agencies
- Implement the resource conservation challenge
- Advance smart growth
- Educate our partners on sustainability
- Support sustainable infrastructure

EPEAT: Electronic Product Environmental Assessment Tool

- **Green** e-purchasing tool for industrial buyers
- **Voluntary** standard (IEEE 1680)
(www.epeat.net)

Easy, graduated EPEAT labeling for your RFPs



- **Measurable** environmental results



Benefits: Purchase of 10,000 “Silver” Computers

- **Save Energy** = 724 Households powered
- **Remove GHG** = 511 cars eliminated from road
- **Reduce Toxics** = 82 (Hg) Thermometers, 372 “bricks” total
- **Bottom Line**= \$711,590 in avoided energy, material and recycling costs.

WasteWise



- WasteWise is a *free, voluntary* partnership program.
- WasteWise helps organizations eliminate costly solid waste through waste prevention, recycling, and green purchasing practices -- benefiting the organization's bottom line *and* the environment.
- 1,700 partners nationally, 116 Partners in EPA Region 10

Benefits of WasteWise

- Cost savings
 - Reduce disposal costs
 - Purchasing savings
 - Recycling revenue
- EPA Recognition
 - Awards
 - Case studies
- Technical Assistance
 - Individual attention
 - Quick turnaround
 - Climate Profile
- Environmental Benefits
 - Waste reduction
 - Climate



Individualized Climate Profile

XYZ Corporation: Making a Difference

2005 Waste Reduction Achievements

Waste Management Activity	GHG Emission Reductions (MTCE)
Waste Prevention	31.81
Recycling	1,379.42
TOTAL	1,411.23

These are equivalent to:



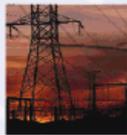
Removing this many passenger cars from the road for one year (based on CO2E annually emitted per car)

25
1,090
1,115



This many tree seedlings grown for 10 years (based on CO2 sequestration per tree)

2,703
117,251
119,954



The annual emissions from the power consumption of this many households (based on annual emissions per household)

15
645
663



This many gallons of gasoline (based on CO2 emissions per gallon)

13,295
576,598
589,892



This many barrels of crude oil (based on CO2 emissions per barrel)

271
11,766
12,035



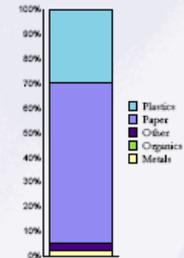
Tons of waste recycled instead of landfilled (based on CO2E emissions per ton of waste landfilled)

39
1,627
1,736

■ - Waste Prevention ■ - Recycling ■ - Total

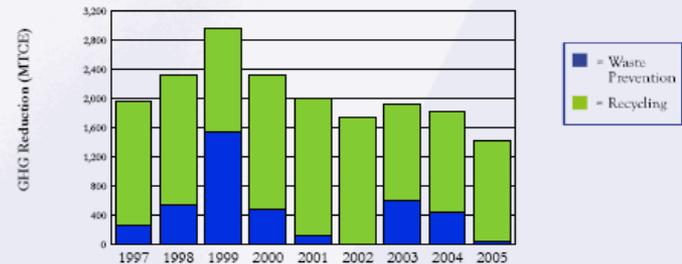
2005 GHG Emission Reductions by Commodity

Commodity	Amount of Waste Prevented and Recycled	GHG Reductions (MTCE)
Plastics	1,935,490	424.76
Paper	1,702,565	911.64
Other	235,030	46.95
Metals	99,465	27.87
Organics	0	0.00
TOTAL	3,972,550	1,411.23



2002 - 2005 GHG Emission Reduction Progress

Activity	2002	2003	2004	2005
	GHG Reductions (MTCE)			
Waste Prevention	0.00	591.28	444.00	31.81
Recycling	1,732.06	1,321.11	1,381.84	1,379.42
Total	1,732.06	1,912.38	1,825.84	1,411.23



Where Can I Get More Info?

- EPEAT:
 - David Carcia, EPA Waste Reduction Resource Conservation and Product Stewardship (WRRCS) Team
206-553-0890; carcia.david@epa.gov
 - Sarah O'Brien, Green Electronics Council, 802/479-0317; sarah.obrien@greenelectronicscouncil.org
 - www.greenelectronicscouncil.org / www.epeat.net
- WasteWise:
 - Domenic Calabro: 206-553-6640;
calabro.domenic@epa.gov
 - www.epa.gov/wastewise



Thank You

- Thank you for the commitment to excellent environmental performance
- Please consider participating in EPEAT and Waste Wise
- Q&A