

US EPA ARCHIVE DOCUMENT

## Comparison of Ecology Sustainability Plan & Global Reporting Initiative Disclosure/Performance Elements

### Goal I: Provide Healthy and Safe Work Environments Complementary to Host Eco-Systems

Objectives	Anticipated Outcomes	Action Steps	Equivalent GRI Disclosure
a. Balance Energy Consumption with Energy Production	1. Reduce Green House Gas Emmissions 15% from 2005 levels by 2020. Reduce GHG 36% from 2005 levels by 2035 and 57.5% below 2005 levels by 2050. Focus on Electricity	a.Purchase Green Tags and Install green energy at Ecology Facilities b.Remove and recycle all refrigerators manufactured before 1992. Purchase on Energy Star refriderator for each Lacey Building kitchenette. c. Remove old and ineffeciant microwaves d. Develop policy for turning off comuputers and other equipent when not in use. e. Purchase and place switch and outlet stickers reminding people to turn off power	EN3, EN5
b. Conserve Water through Use Reduction and Reuse Strategies	1. Reduce Green House Gas Emmissions 15% from 2005 levels by 2020. Reduce GHG 36% from 2005 levels by 2035 and 57.5% below 2005 levels by 2050. Focus on Fuel 1. Reduce water consumption by 5%.	a. Purchase lowest practical green house gas emmiting diesel for Lacey generator a. Reduce irrigation water use by monitoring use and frequency and need for irregation b. Install automatic facuents c. Install duel flush toilets d. Install waterless urinals e. Prepare budget request to upgrade fixtures	EN8, EN10
c. Improve Work Environment Strategies	1. Improved indoor air quality.	a. Monitor heating and cooling balance to assure adequate and balance distribution of air. b. Establish custodial practices to eliminate dust and particlate build up. c. Create? Distribute employee housekeeping guide d. Create custodian cleaning specifications to ensure best house keeping practices in the future.	Not in GRI (Labor/Workplace)
d. Eliminate Stormwater Pollution Impacts Strategies	1. Improved water quality within boundaries of Ecology facilities land footprint.	a. Develop training for employee vehicle maintance b. Write articles for Inside Ecology about vehicle maintanance	EN 21, EN 10
e. Grounds are Integrated into the Local Environment Strategies	1. Native habitats complemented and restored. Fertilizer and Pesticide use Integrated Pest Management Plan 2. Reduce 3. Continue to implement	a. Check into planting the grounds at all facilities with native vegetation b. Reduce lawn areas c. Develop and implement IMP for other buildings d. Monitor and decrease Pesticide and fertilizer use	EN13 (wetlands, uplands)
f. Achieve Maximum Reduction and Recycling of Solid and Hazardous Wastes	1. Reduced disposal costs by diverting 80% of the materials away from disposal. longer a regulated hazardous waste generator. 2. No	a. Continue to implement the agency's waste reduction and recycling plan b. Continue composting efforts c. explore other composting alternatives d. phase out paper towels in bathrooms e. phase out disposable plates and cups from cafeteria f. continue dumpster dives	EN22, EN24
g. Achieve Leed EB Certification for all Ecology Owned Facilities Strategies	Building improvements that result in receipt of certification.	a. operate the Lacey and ERO buildings in compliance with LEED EB requirements b. Develop specification and bid language for all leased and constructed buildings c. Review environmental impact of new -vs- rehabilitated buildings.	2.10 (possibly)
<b>Goal II: Carry Out Agency Operations and Support Services Sustainably.</b>			
a. Half of the Goods Purchased by Ecology will be Environmentally Preferred in 2???-2???	Stimulate markets for environmentally preferred products.	a. Review all purchases through the EPP policy b. Educate staff on environmentally preferred products and on the policy c. Continue purchasing 100% recycled, chlorine free paper d. Track and justify use of any non-recycled content office paper e. Include janitorial paper in EPP paper policy f. Advertise reuse bulleten board g. Update EPP Guidance Document to include persistent toxics	EN2, EN26 (related)
b. Reduce the Agency's Overall Vehicular Mileage and Reduce Air Emissions from Mobility Related Activities by 20 per cent	1. Reduced consumption of non-renewable fossil fuels. Reduced air emissions. water pollution. 2. 3. Reduced	a. Encourage Web conferencing b. Reduce SOV travel by creating a fleet reservation system that allows identification of carpool options c. Identify and overcome barriers with "down time d. Reduce petroleum use from state vehicles e. Purchase hybred or electric vehicles whenever possible f. Purchase vehecles with long life attributes g. Purcache only high-quality, re-refined moter oil and other EPP vehicle fluids h. educate employees on gas saving driving practices i. Evaluate Boat and other Gasolene equipment use	EN6, EN17, EN18

c. Reduce Vehicle Related Solid Wastes	1. Less waste generated. markets for re-refined motor oil. stream quality through removal of PBT.	2. Support 3. Improved waste	a. Purchase only high-quality, re-refined motor oil	EN22, EN24, EN2
d. Reduce or Eliminate Solid Waste Generated from Ecology Facilities	Reduced waste generation.		a. Provide reports on copy and printer paper use Distribute best printing guidance Publish or distribute reports on copy and printer paper use Recycle and or reuse 100% of paper Publish information on purchasing Advertise use of warehouse and reuse shelves	EN22, EN1
<b>Goal III: Support Sustainable Communities</b>				
a. Encourage Sustainable Development of Support Infrastructure within the State.	1. Active agency participation in the development of support infrastructures (roads, sewers, water systems, electrical distribution systems, etc.) as a user of those services. 2. Improved relationships with local communities.		a. Partner in key projects during the planning stage Develop relationships with key state agencies and organizations c. Develop partnerships with with local economic development councils. Support local planning efforts, econovic devekoptment plans, growth management plants, transportaion plans. Share sustainability ideas and expertise early in project planning and development processes	4.12
b. Become Known as an Organization that Actively and Positively Contributes to the Economic, Social and Environmental Wellbeing of the Communities that Host Ecology Facilities.	Improved relationship with communities and an awareness of local social, economic and environmental issues.		a. Continue Bike your Watershed Events Get involved in community activites to create positive presence c. Connect program contacts with local leaders	SO1, 4.14-4.17
<b>Goal IV: Integrate Sustainability Principles into the Agency's Rules, Policies and Practices</b>				
a. Ecology Rules and Policies Support Sustainability Principles.	Increased awareness of sustainability principles as they relate to the agencies rules.		a. have Sustainability discussions as part of PMT and SPMT meetings	1.1, 4.4, 4.8, 4.9
b. Integrate Sustainability into Program Implementation.	Current sustainability practices are recognized and newly identified practices are implemented by programs.		a. Meet with program planners to discuss sustainability issues b. Include sustainability in program vision statements c. Distribute sustainability information once per month in "Inside Ecology" d. Maintain internet page e. Provide monthly update to EPMT and quarterly review and internet update on sustainability	1.2,
c. Environmental, Social and Economic Equity.	Increased mutual awareness between minority communities and the agency.			4.14 - 4.16
<b>Goal V: Institutionalize Sustainability as an Agency Value and Raise Employee Awareness of Sustainable Practices in the Workplace.</b>				
a. Adopt the Sustainability Policy Statement into the Agency's Policy Manual.	Outward demonstration of the agency's commitment to sustainability.			1.1, 1.2
b. Provide Employees Opportunities to Invest in Socially Responsible Companies and Organizations.	Employees will have more investment options.		a. Identify or define socially responsible investment Invite investment board spokeman to Ecology to speak at brown bag luncheon c. Work with Deffered Compensation and Retirement systems on socially responsible investing	Not in GRI
c. Assure that Agency Staff is Aware of Changes Being Made in Order to Meet the Sustainability Goals of the Agency.	Agency staff will: 1. Become aware of sustainability efforts taken by the agency to reduce its footprint. 2. Know how they can participate in agency sustainability efforts. 3. Be aware of the importance of sustainability. 4. Become better at providing sustainability education. 5. Understand the concepts of sustainability.			LA10, LA11 (employee training/education)
	<b>2009 - from New Legislation:</b>			
	Reduce Agencies Carbon Footprint			Measure, track, report, & reduce GHG emissions
	Reduce Vehicle Fuel Consumption			Apply fuel economy standards & renewable energy sources to reduce petroleum fuel consumption.
	State Employee CTR			Increase efficiency of WA employee commuting via State CTR plan.
	Increase Public Building Energy Efficiency			Measure, track, report, & reduce energy consumption of public buildings using energy auditing and lease restrictions.
	Increase Paper Conservation & Recycling			Implement goals to recycle 100% of all copy & printing paper and use only 100% recycled content paper.

		Accountability to Governor's Office		All energy & climate change initiatives must coordinate with Governor's designee.
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