

OREGON STRATEGY FOR GREENHOUSE GAS REDUCTIONS ACTIONS

SUMMARY

Governor's Advisory Group On Global Warming

The Advisory Group's list of recommended actions fall under seven major areas:

- **Integrating Actions (IA)**
- **Energy Efficiency (EE)**
- **Electric Generation and Supply (GEN)**
- **Transportation (TRAN)**
- **Biological Sequestration (BIOSEQ)**
- **Materials Use, Recovery and Waste Disposal (MW)**
- **State Government Operations (GOV)**

	SIGNIFICANT ACTIONS FOR IMMEDIATE STATE ACTION	Status
IA-1	Recommend the Governor adopt near-term, intermediate and long-term greenhouse gas emissions goals for Oregon.	Complete
IA-2	Urge the Governor to renew the charter of the Advisory Group on Global Warming (or a successor body) to continue the Advisory Group's unfinished agenda.	Complete
IA-3	The Oregon University System should develop strategic and targeted research, development and demonstration (RD&D) programs for greenhouse gas reduction technologies.	Sub-set of current charter
IA-4	The Advisory Group should work with state agencies, colleges and universities, schools, non-profit organizations and businesses to develop a global warming education program that will provide information and outreach to the public.	Underway

CATEGORY I: SIGNIFICANT ACTIONS FOR IMMEDIATE STATE ACTION		MMT CO2E 2025	Status
EE-1	Meet the Northwest Power and Conservation Council (NWPCC) goal of implementing cost-effective electricity efficiency measures for electric users and an equivalent goal for natural gas users.		On - going
	EE-1a: Expand and coordinate electric incentive Programs for Investor-Owned Utilities (IOUs).	3.20	PUC has submitted draft leg concept
	EE-1b: Upgrade Oregon building codes to reduce energy use by at least 15 percent by 2015 (building shell measures).	0.52	Commitment established
	EE-1c: Amend building codes to set minimum space and water heating/cooling standards.	0.09	Commitment established
	EE-1d: Adopt state appliance efficiency standards.	0.41	Complete: Needs legislative amend
	EE-1e: Advocate with Bonneville Power Administration (B PA) and Oregon electric consumer-owned utilities (COUs) to meet the NWPCC goal.	1.24	On-Going
	EE-1f: Support Oregon Public Utility Commission (OPUC) actions to evaluate NW Natural/ETO and ODOE natural gas incentive programs.	0.24-0.48	Eco NW due 1/07
	EE-1g: Advocate with OPUC for Avista and Cascade natural gas utilities to meet energy savings goals comparable to NW Natural.	0.05	Cascade has adopted Not Avista
	EE-1 h: Advocate for federal equipment and appliance efficiency standards.	0.40	On-going
	EE 1i: Strengthen state marketing of energy efficiency and incentive programs; initiate Governor's Awards.		On-going
	SUB-TOTAL FOR EE-1	6.15-6.39	
CATEGORY II: OTHER IMMEDIATE ACTIONS			
EE-2	Support OPUC and COU efforts for modified rate designs to reflect daily and seasonal peak demand.	0.16	On-Going
EE-3	Support OPUC initiatives for natural gas and fuel switching.	0.10	Tech Analysis Complete
	TOTAL ALL EE ACTIONS	6.41 -6.65	

CATEGORY I: SIGNIFICANT ACTIONS FOR IMMEDIATE STATE ACTION		MMT CO2E 2025	Status
GEN-1	Increase the renewable content of electricity.	0.80	REWG
	GEN-1a: Increase retail energy sales from renewable resources by one percent or more annually in Oregon through 2015.		REWG
GEN-2	Recommend the Governor create a special interim task force to examine the feasibility of, and develop a design for, a load-based greenhouse gas allowance standard.	At least 7.0*	Task Force appointed Work underway
	GEN-2a: The GEN-2 interim task force should also consider an Oregon Renewable Portfolio Standard (RPS) and potential changes to public purpose charges as tools to meet a greenhouse gas allowance standard and overall state CO2 goals.		Underway (REWG)
GEN-3	Support the Oregon Public Utility Commission's review of rules and tariffs for renewable and combined heat and power facilities.	0.54	UM 1129 underway
CATEGORY II: OTHER IMMEDIATE ACTIONS			
GEN-4	Encourage state government to purchase renewables.	0.08	Gov's Goal of 100% of 2010
GEN-5	Advocate for specific federal policies or legislation.	varies	On-going
GEN-6	Advocate with BPA to support Oregon's renewables measure.	varies	BPA/NWPCC forming group

CATEGORY I: SIGNIFICANT ACTIONS FOR IMMEDIATE STATE ACTION		MMT CO₂E 2025	Status
TRAN-1	Convene an interim task force to recommend a proposal for the Environmental Quality Commission or the Governor and the Legislature to adopt emission standards for vehicles.		
	TRAN-1a: Adopt Low Emission Vehicle (LEV II) Emission Vehicle Standards.	0.24	Complete
	TRAN-1 b: Adopt greenhouse gas Tailpipe Emission Standards (per California AB 1493 "Pavley" standards).	> 6.0	Complete
TRAN-2	Integrate land use and transportation decisions with greenhouse gas consequences.	0.40	On-going

TRAN-3	Promote biofuel use and production.	1.0	On -going
CATEGORY II – OTHER IMMEDIATE ACTIONS			
TRAN-4	Review and enhance state tax credits and local incentives for citizens purchasing high efficiency vehicles.	-	On -going
TRAN-5	Incorporate greenhouse gas emission impacts into transportation planning decisions.	-	OTP
TRAN-6	Expand “Transportation Choices Programs” and “Travel Smart Pilots.”	-	On -going
TRAN-7	Adopt state standards for high efficiency/low rolling resistance tires.	0.12	No activity
TRAN-8	Reduce GHG emissions from government fleet purchase and vehicle use.	-	Continued progress
TRAN-9	State and local governments should switch to “clean diesel” fuel, vehicle purchases and retrof its.	0.10	Complete in ‘07
TRAN-10	Adopt state and local incentives for high efficiency vehicles.	-	Under development
TRAN-11	Set and meet goals for reduced truck idling at truck and safety stops.	-	Infrastructure development
TRAN-12	Set up traffic flow engineering “Best Practices.”	0.08	On -going
TRAN-13	Set and meet goals for freight (truck/rail) transportation efficiency; achieve this through equipment, coordination and land use.	-	Unkown
TRAN-14	Establish consumer awareness education link to transportation choices.	-	Under development
TRAN-15	Improve mass transit and inter-city transit links.		On -going
	TOTAL	7.84	

CATEGORY I: SIGNIFICANT ACTIONS FOR IMMEDIATE STATE ACTION		MMTCO₂E	Status
		2025	
BIOSEQ- 1	Reduce wildfire risk by creating a market for woody biomass from forests.	3.2	Project development

BIOSEQ-2	Consider greenhouse gas effects in farm and forestland use decisions.	0.6	Under development
BIOSEQ-3	Increase forestation of under-producing lands.	0.5	Unknown
CATEGORY II: OTHER IMMEDIATE ACTIONS			
BIOSEQ-4	Expand the application of water-erosion reducing practices for cereal production.	0.2	On-going
BIOSEQ-5	Leverage the Conservation Reserve Program to expand reserved acreage.	0.2	On-going
BIOSEQ-6	Establish a municipal street tree restoration program.	less than 0.1	On-going

CATEGORY I: SIGNIFICANT ACTIONS FOR IMMEDIATE STATE ACTION		MMT CO ₂ E 2025	Status
MW-1	Achieve the waste generation and recycling goals in statute.	5.2	Recycling goals close to being met Waste is not
MW-2	DEQ should develop guidance to clarify alternative final cover performance at larger landfills: Demonstrate control of gas emissions comparable to geomembrane cover.	0.53	No action
MW-3	Provide incentives for larger landfills to collect and burn a minimum percentage (65 to 80 percent) of methane generated.	@65 percent: 0.47 @80 percent: 0.88	No action
CATEGORY II: OTHER IMMEDIATE ACTIONS			Status
MW-4	Provide incentives to increase salvage of reusable building materials.	0.02	Grants dispersed
MW-5	Increase the “Bottle Bill” redemption value from 5-cents to 10-cents and expand the “Bottle Bill” to all beverages except milk, including juice, water, liquor, wine, tea and sports drinks; and consider alternative redemption methods.	0.05	Legislative concept expected to be submitted
MW-6	Develop statewide recovery infrastructure for consumer electronics waste, with shared responsibility among producers, retailers, non-governmental organizations, and government.	0.03	Under development

MW-7	Change land use rules to allow commercial composting on land zoned High Value EFU (exclusive farm use).	less than 0.01 [†]	No action
MW-8	Increase public awareness to discourage on-site burning of garbage, especially fossil-carbon materials.	0.02	No new action
MW-9	Continue landfill regulation with additional reporting and analysis.	Unknown	No action
MW-10	Evaluate methane emissions from closed landfills and options to reduce such emissions.	Unknown	No action

CATEGORY I: SIGNIFICANT ACTIONS FOR IMMEDIATE STATACTION		
GOV-1	State agencies should use their agency Sustainability Plans as the tool for agencies' dynamic involvement in GHG reductions with respect to both their internal operations, and their external program or regulatory activities. Operational and other activities in the areas of electricity, natural gas, land use, transportation, land use, waste and water will be the particular but not exclusive focuses for reductions opportunities. Agencies should approximately calculate and report to the Sustainability Board the greenhouse gas effects of all actions that have potentially significant greenhouse gas emissions consequences: either emissions increases or reductions.	On-going
GOV-2	Through a collaborative effort, the Departments of Energy, Environmental Quality and Administrative Services should develop a process to educate agency personnel about opportunities for GHG reductions including how to set goals and calculate GHG reductions.	Under development