GOAL 3: SUSTAINABLE ENERGY AND A CLEAN ENVIRONMENT

Building a legacy of resource stewardship for the next generation of Washingtonians

Sustainable Energy and a Clean Environment

GOAL TOPIC	SUSTAINABLE AND CLEAN ENERGY *Reduce our greenhouse gas emissions*			HEALTHY FISH AND WILDLIFE *Protect and restore Washington's wildlife*			CLEAN AND RESTORED ENVIRONMENT *Keep our land, water and air clean*			WORKING AND NATURAL LANDS *Use our lands responsibly*			
SUB TOPIC	CLEAN TRANSPORTATION	CLEAN ELECTRICITY	EFFICIENT BUILDINGS & INDUSTRIAL PROCESSES	SHELLFISH	PACIFIC SALMON	WILDLIFE	HEALTHY LANDS	CLEAN, COOL WATER	HEALTHY AIR	FARMLAND	FORESTS	OUTDOOR RECREATION	HABITAT PROTECTION
OUTCOME MEASURE	1.1: Reduce transportation-related greenhouse gas emissions from 44.9 mmt/year (projected 2020) to 37.5 mmt/year (1990) by 2020	1.2: Reduce greenhouse gas emissions from electrical energy consumption from 18.4 mmt/year (projected 2020) to 16.9 mmt/year (1990) by 2020	1.3: Improve non-electrical energy efficiency of buildings and industrial processes to reduce greenhouse gas emissions from 21.7 mmt/year (projected 2020) to 18.6 mmt/year (1990) by 2020	2.1: Increase improved shellfish classification acreage in Puget Sound to a net increase of 10,800 harvestable shellfish acres between 2007 and 2020	2.2: Increase the percentage of ESA-listed salmon and steelhead populations at healthy, sustainable levels from 16% to 25% by 2022	2.3: Increase the percentage of current state listed species recovering from 28% to 35% by 2020	3.1: Increase the number of contaminated sites cleaned up by 17% from 5,815 to 6,803 by 2020	3.2: Increase the percentage of rivers meeting good water quality from 43% to 55% by 2020	3.3: Increase percent of population living where air quality meets federal standards from 92% to 100% by 2020	4.1: Increase the net statewide acreage dedicated to working farms (cropland) from 7.237 million to 7.347 million by 2020	4.2: Increase the average annual statewide treatment of forested lands for forest health and fire reduction from 145,000 to 200,000 acres by 2017	4.3: Increase participation in outdoor experiences on state public recreation lands and waters from 3.097 to 3.242 million outdoor licenses and permits sold by 2020	4.4: Reduce the rate of loss of priority habitat (oak woodland) from 0.4% (123 acres) to 0.1% (34 acres) by 2016
LEADING INDICATORS	1.1.a: Reduce the average emissions of greenhouse gases for each vehicle mile traveled in Washington by 25% from 1.15 lbs in 2010 to 0.85 pounds in 2020	1.2.a: Increase electric load served by renewable energy from 3% to 9% by 2016 and 15% by 2020	1.3.a: Reduce non-electric fossil fuel consumption associated with residential and commercial end users from the 2010 three year average level of 165.9 trillion Btu to 140 trillion Btu in 2020	2.1.a: Increase percentage of inspections that are current for on-site sewage systems in marine recovery areas and other specially designated areas from 37% to 60% by 2020	2.2.a: Demonstrate increasing trend in Puget Sound Chinook populations from one in 2010 to five by 2016	2.3.a: Increase number of successful wolf breeding pairs from 5 to 15 by 2020	3.1.a: Increase number of contaminated brownfield sites returned to economically productive use from 476 to 1,090 by 2020	3.2.a: Increase the number of projects that provide stormwater treatment or infiltration from 10 to 125 by 2017	3.3.a: Decrease tons of toxic diesel soot air pollution emitted from mobile sources from 6,444 in 2011 to 4,737 tons by 2017	4.1.a: Maintain current acreage dedicated to working farms (cropland) at the 7.312 million acres level through 2018	4.2.a: Increase treatment of forested lands for forest health and fire reduction from 22,000 acres in 2014 to 23,500 acres of DNR-administered treatments by 2020	4.3.a: Increase access to public recreation lands by increasing the number of Discover Passes and daily permits sold by 1.5% per fiscal year from 927,838 to 984,773 by 2020	4.4.a: Increase hydraulic project approval compliance rate from 80% to 90% by 2016
	1.1.b: Increase the average miles per gallon (MPG) of Washington's overall passenger and light duty truck fleet from 19.2 miles per gallon (MPG) in 2010 to 23 MPG in 2020	1.2.b: Increase electrical load growth replaced by conservation from 112.5 average megawatts as of 2010 to 155 average megawatts by 2020	1.3.b: Maintain non-electric fossil fuel consumption associated with industrial buildings and processes at or below the 2010 three year average level of 163.7 trillion Btu by 2020	2.1.b: Increase number of implemented agricultural BMPs to improve water quality in shellfish growing areas in Puget Sound, Grays Harbor, and Pacific counties from a three year average of 120 in 2016 to 128 BMPs by 2018	2.2.b: Increase miles of stream habitat opened from 55 per year in 2017 to 80 miles per by 2020	2.3.b: Increase the 5-year running average of statewide sage-grouse population from 1,000 to 1,100 by 2017	3.1.b: Increase the percent of completed tasks required for constructing and operating Hanford low activity tank waste treatment facilities from 0 to 100% by 2023	3.2.b: Increase percentage of core saltwater swimming beaches meeting water quality standards from 89% to 95% by 2020	3.3.b: Increase number of woodstoves replaced with cleaner burning technologies from 2,777 in 2013 to 5,500 by 2017			4.3.b: Increase the number of individual fishing and hunting licenses issued by 1% per year from 2,168,689 in 2016 to 2,256,746 by 2020	4.4.b: Reduce annual rate of conversion of marine and freshwater riparian habitat in Puget Sound from 0.13% to 0.10% by 2016 and provide mitigation to ensure maintenance of today's habitat functions
	1.1.c: Increase the number of plug-in electric vehicles registered in Washington from 8,000 in 2013 to 50,000 by 2020				2.2.c: Increase number of fish passage barriers corrected from 60 per year in 2017 to 90 per year by 2020		3.1.c: Reduce the average concentration of copper in brakes sold in the state from 7.27% to less than 0.5% by 2025, preventing the release of about 250,000 pounds of copper per year by 2025	3.2.c: Increase number of CREP sites to improve water temperature and habitat from 1,090 to 1,359 total projects implemented by end of September 2020				4.3.c: Increase the number of State Parks Heritage sites providing contemporary interpretive exhibits from 30 to 45 sites between 2016 and 2020	4.4.c: Increase eelgrass beds in Puget Sound from 53,300 acres to 64,000 acres by 2020
													4.4.d: Increase the acreage of Puget Sound estuaries restored in the 16 major rivers from 312 acres in 2006 to 7,380 acres by 2020

mmt: million metric tons

Btu: British thermal unit

CREP: Conservation Reserve Enhancement Program

Governor's Goal Council
- Department of Agriculture – Kirk Robinson
- Department of Commerce – Tony Usibelli
- Department of Ecology – Maia Bellon
- Department of Fish & Wildlife – Jim Unsworth
- Department of Health – Clark Halvorson
- Department of Natural Resources – Lauren Burnes
- Governor's Policy Office – JT Austin, Rob Duff, Julie Horowitz, Lauren McCloy, Jon Snyder
- Office of Financial Management – Jim Cahill
- Pollution Liability Insurance – Russ Olsen
- Puget Sound Partnership – Sheida Sahandy
- Recreation & Conservation Office – Kaleen Cottingham
- Results Washington – Tristan Wise
- State Conservation Commission – Mark Clark
- State Parks & Recreation Commission – Don Hoch
- Utilities & Transportation Commission – Dave Danner

Contributes to Puget Sound recovery

UPDATED

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