

Clean energy programs

Opportunities to advance a clean and just
energy future



Washington State
Department of
Commerce

We strengthen communities



HOUSING AND
HOMELESSNESS



INFRASTRUCTURE AND
BROADBAND



SMALL BUSINESS
ASSISTANCE



ENERGY



PLANNING AND TECH
ASSISTANCE



COMMUNITY
SERVICES AND FACILITIES



CRIME VICTIMS AND
PUBLIC SAFETY



ECONOMIC
DEVELOPMENT

***The people of Washington thrive in a clean,
affordable and equitable energy economy***

***The Energy Division catalyzes the transition
to a clean and just energy future: We inform,
We invest, We influence***



WA is a national leader in climate policy

Key Policies and Plans:

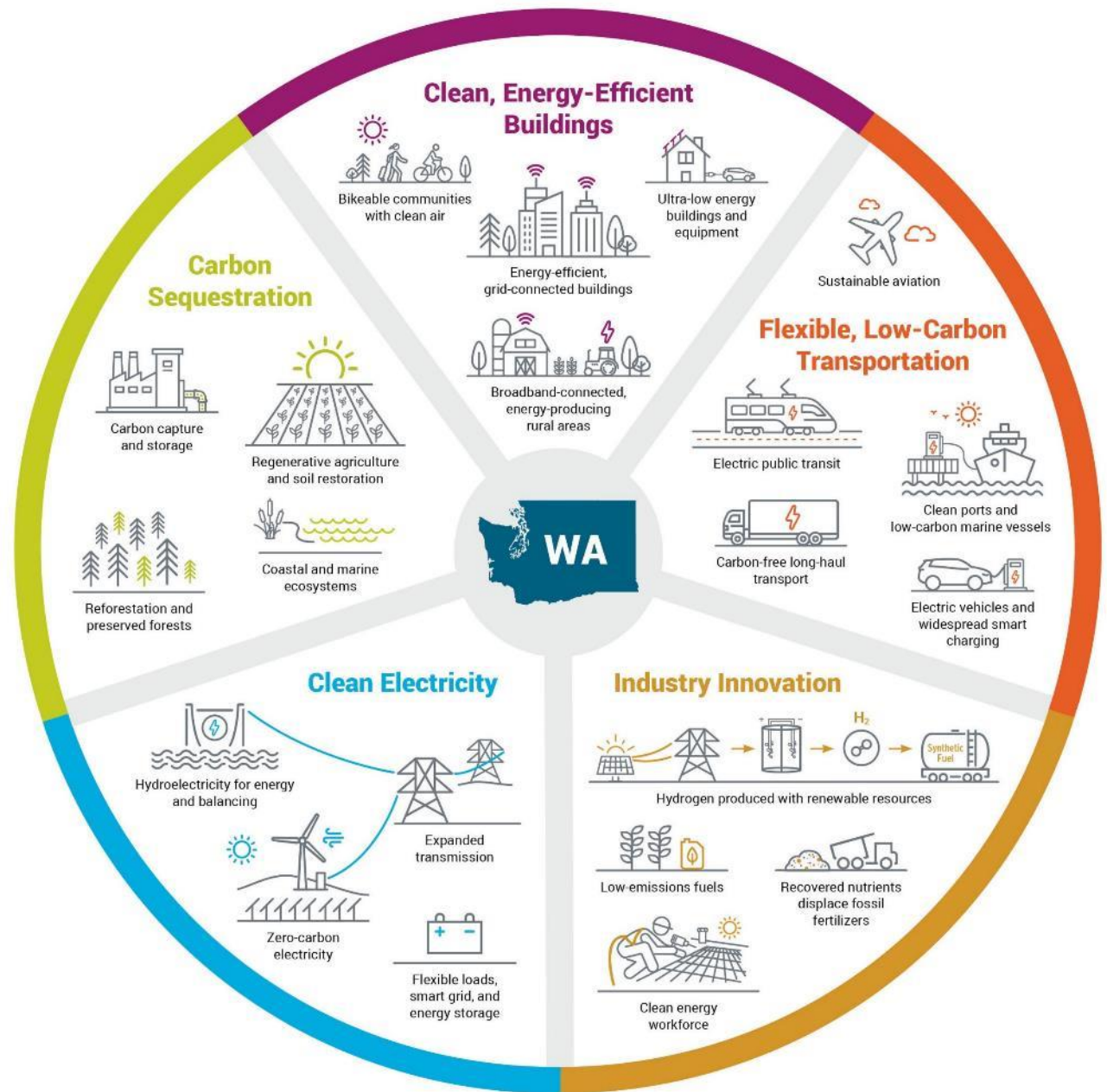
- Climate Commitment Act
- Clean Energy Transformation Act
- Healthy Environment for All Act
- State Energy Strategy



WASHINGTON STATE 2050

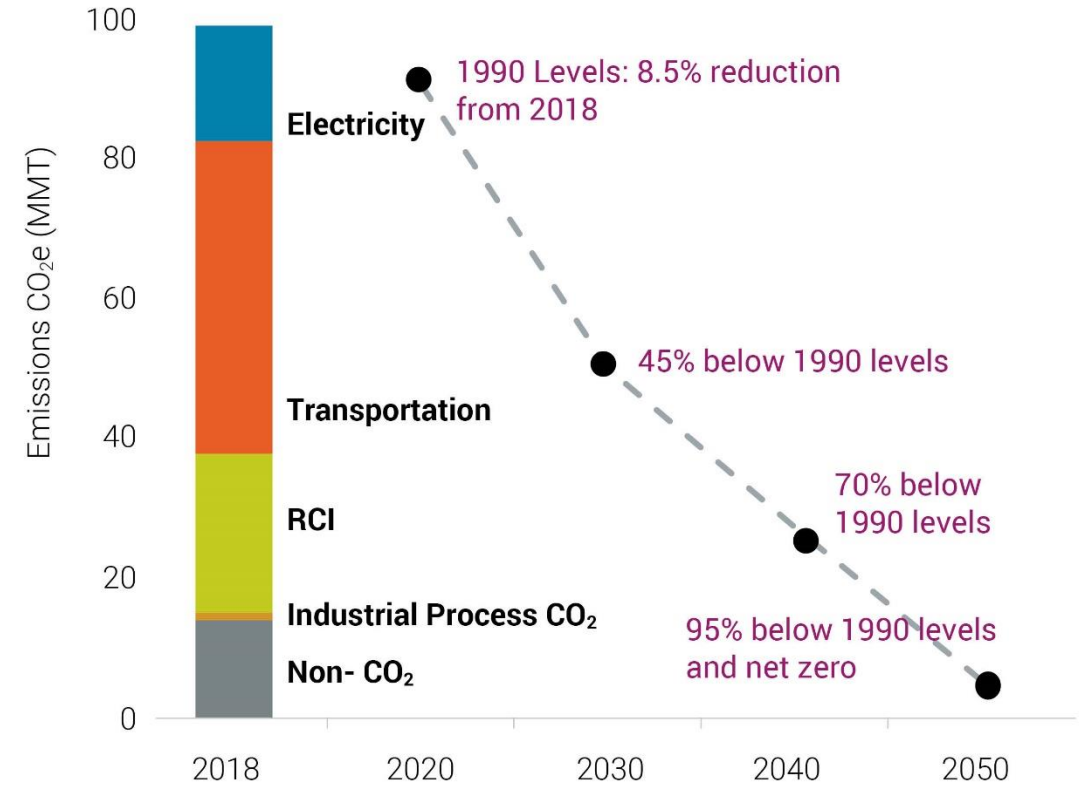
Net-Zero Vision

A blueprint for how we can meet our state's climate goals to nearly eliminate the use of climate-threatening fossil fuels by 2050, while growing a prosperous economy and maintaining affordable and reliable energy supplies.



Guiding objectives

- **Reduce:**
 - Greenhouse gas emissions
 - Income disparities in accessing clean energy investments
 - Geographic disparities in accessing clean energy technology
 - Environmental health disparities caused by energy and transportation pollutants
- **Improve energy and community resiliency and security**



Source: Washington State Department of Ecology and Washington State.
Appendix A – Deep Decarbonization Pathways Modeling Technical Report, December 11, 2020 (p. 15).

Environmental justice and equity

Federal

- Executive Order 13985 – Advancing Racial Equity and Support for Underserved Communities through the Federal Government
- Executive Order 14008 – Tackling the Climate Crisis at Home and Abroad; targets 40% of overall benefits of federal investments to disadvantaged communities

State

- Healthy Environmental for All (HEAL) Act
- Climate Commitment Act (CCA)
- Clean Energy Transformation Act (CETA)

Community-engaged processes that lead to:

- Equitable participation in decision-making and accountability to community and tribes
- Environmental justice assessments for policies and programs
- Equitable distribution of benefits and improved health conditions



2024 Energy Funding opportunities

Close to one billion in funding available for technical assistance, planning, deployment and more

- Clean transportation
- Building, industry, aviation and maritime decarbonization
- Clean energy projects led by and benefitting frontline communities
- Tribal-led clean energy development
- Solar energy and storage technology deployment
- Electric grid modernization and innovation
- Clean energy project siting and permitting



Clean Transportation

Commerce **invests** in electric vehicle (EV) charging and cost reduction, and **influences** state and partner actions through innovative ideas and reliable information.

EV Charging Program	EV Instant Rebates	EV Council
Grants to install 5,500+ EV charging ports.	6,000 rebates for low-income households to buy or lease EVs.	Transportation Electrification Strategy
53% of projects in overburdened communities.	First state to prioritize low-cost EV leases, with several models under \$200/month.	Sets targets for EVs/charging ports and recommends priority actions.



Photo credit: Governor's Office

Current Commerce EV investments are estimated to reduce carbon emissions by about **60,000 metric tons per year.**

Clean Buildings

Codes and Standards	Clean Buildings Incentive Programs	Building Decarbonization Incentives and Rebates
<p>Clean Buildings Performance Standard</p> <p>District Energy Systems</p> <p>Washington State Energy Code</p> <p>Appliance Standards</p> <p>Lifecycle Cost Analysis</p>	<p>Tier 1 early adopter incentive program</p> <p>Tier 2 reporting incentive program</p> <p>Energy audits for publicly owned buildings</p>	<p>High Efficiency Electric Equipment Program</p> <p>Whole Home Performance Rebate Program</p> <p>CEF Building Electrification Program</p> <p>Energy Efficiency Retrofits for Public Buildings</p>

EPIC (Energy Programs in Communities)

Renewable Energy Grant Programs	Other Initiatives
<p>Solar retrofits, community solar, solar + storage, dual use</p> <p>Clean Energy Fund</p> <p>Grid integration and innovation</p> <p>Hard to decarbonize</p> <p>Clean energy siting and permitting</p> <p>Tribal Clean Energy</p>	<p>Local GHG reduction and other direct appropriation projects</p> <p>Yakama Power advanced energy storage and solar irrigation canal</p> <p>Dept. Of Energy State Energy Program grant administration</p> <p>Tribal Energy partnership workgroup</p>

Federal Funding Resources

Goal: Ensure Washington is pursuing federal funding opportunities (IIJA & IRA) that align with the state energy strategy, emission reduction limits, and environmental justice goals.



Assistance for clean energy tax credits



Grant writing and technical assistance to apply for federal funding



Portal to identify state and federal funding opportunities

Weatherization

- Reduces energy burden & decarbonizes the built environment.
- Positively impacts economic growth and housing preservation.
- Improves health and quality of life for low-income households.
- Promotes equity in the clean energy transition.



When combined, weatherization and heat pumps can reduce carbon emissions between 3.5 and 5.4 metric tons per household, annually.

EREMO (Energy Resilience and Emergency Management Office)

Portfolio

Energy Resilience & Mitigation	Emergency Response Operations, Planning, Training & Exercise	Energy Physical & Cybersecurity
Statewide Energy Resilience Strategy Technical assistance for local and tribal energy resilience plans Support utility & industry energy resilience progress	State Energy Security Plan & Action Items Response function to any energy supply disruption Support local and tribal energy emergency plans Training & exercise program for both public and private sector Utility wildland fire planning	State Energy Cybersecurity Framework Threat and risk analysis State policy development/review Training & exercises specific to physical and cybersecurity

Mission

The mission of the Energy Resilience and Emergency Management Office is to **provide comprehensive and sustainable emergency management, resilience development and cybersecurity services** for the energy sector and residents of Washington State. To accomplish this, we coordinate with stakeholders at all levels of government, communities and with electric, natural gas utilities, the petroleum industry, and renewable sectors statewide to develop planning documents and standards, trainings, and operational support during emergencies.

More information

- EREMO Strategic Plan (to come)
- [Energy Resilience & Emergency Management - Washington State Department of Commerce](#)