

# Climate Pollution Reduction Grant Program

Growth Management Policy Board | April 4, 2024



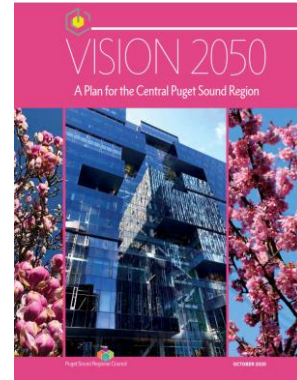
Puget Sound Regional Council

# VISION 2050 and Climate

## Climate Goal

*The region substantially reduces emissions of greenhouse gases that contribute to climate change in accordance with the goals of the Puget Sound Clean Air Agency (50% below 1990 levels by 2030 and 80% below 1990 levels by 2050) and prepares for climate change impacts.*

- Commits to regular analysis and evaluations as part of the 4-year Regional Transportation Plan cycle
- Commits to development of a “climate wedge analysis” for full spectrum comparisons



# Regional Transportation Plan

- 2050 greenhouse gas emissions analysis
- Action item to:
  - ✓ Develop a 2030 transportation network and inputs to conduct a 2030 analysis aligned with adopted Four-Part GHG Strategy; and
  - Continue to work with partner agencies including PSCAA on implementation strategy for achieving climate goals and monitor progress.



# Four-Part Greenhouse Gas Strategy

## Land Use

- Land Use: VISION 2050 regional growth strategy

## Choices

- Choices: expanded and integrated regional transit network, active transportation and other multimodal investments

## User Fees

- User Fees: state facility tolls, transition to road usage charge in later years

## Technology

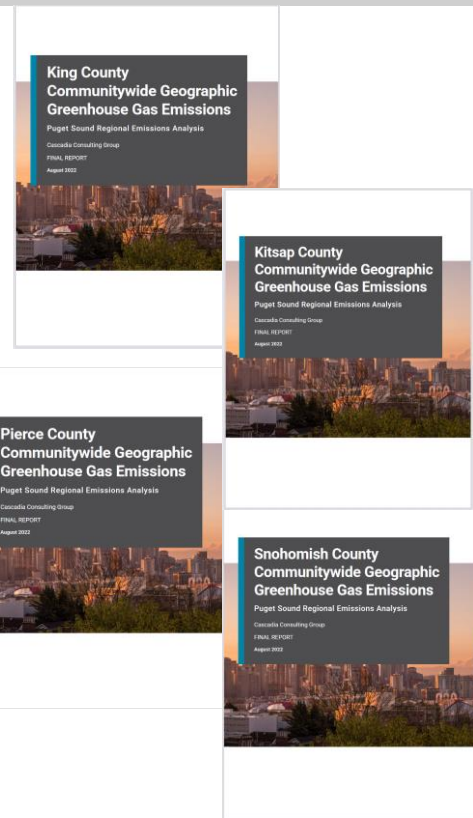
- Technology: Shift to zero emission vehicles, Clean Fuels Standard, etc.



# Regional Greenhouse Gas Emissions Inventory

## Puget Sound Regional Emissions Analysis Project

- Seven regional partner agencies
- Comprehensive update of regional greenhouse gas emissions
  - Consistent methodology and assumptions across all four counties
- “Wedge analyses” – identification of scenarios and pathways for reducing emissions across all sectors of the region into the future
- 2019 inventory completed December 2022



# Climate Pollution Reduction Grant Program

- The Climate Pollution Reduction Grant (CPRG) program is being implemented by EPA under the Inflation Reduction Act
- CPRG is comprised of two phases:
  - Phase 1 (Non-Competitive Planning Grants) to develop strong climate pollution reduction strategies (\$250M)
    - Funds provided to States and Regions (Metropolitan Statistical Areas)
  - Phase 2 (Competitive Implementation Grants) to put plans into action (\$4.6B)



# Climate Pollution Reduction Grant Program

- The Puget Sound Clean Air Agency is serving as lead organization for the Seattle-Tacoma-Bellevue MSA
  - Covers the four-county region
  - In partnership with a consortium of agencies, including PSRC
  - Developing the required regional Climate Action Plans
  - Working closely with Department of Commerce and the Governor's Office to stay aligned with State efforts



# Climate Pollution Reduction Grant Program

- **Priority Climate Action Plan** = narrative report that includes a focused list of near-term, high-priority and implementation-ready measures to reduce greenhouse gas emissions
- Required elements:
  - Greenhouse gas inventory
  - Priority greenhouse gas reduction measures
  - Low Income Disadvantaged Communities Benefits Analysis
- Submitted to EPA on March 1, 2024

<https://pscleanair.gov/677/Climate-Pollution-Reduction-Grant>





# Climate Pollution Reduction Grant Program

- **Comprehensive Climate Action Plan** = identifies significant sources of greenhouse emissions; establishes near-term and long-term greenhouse emission reduction goals; provides strategies and measures for the highest priority sectors
- Required elements:
  - Greenhouse gas inventory
  - Greenhouse gas emissions projections
  - Greenhouse gas reduction targets
  - Comprehensive Greenhouse gas reduction measures
  - Low Income Disadvantaged Communities Benefits Analysis
  - Workforce planning analysis



# Climate Pollution Reduction Grant Program

- **Comprehensive Climate Action Plan**
  - Due to EPA by summer 2025
  - Will align with development of next RTP, to be adopted in May 2026
  - More information will be shared soon on plans for outreach and engagement, development of collaborative work program



# Climate Pollution Reduction Grant Program

- **Implementation** grants
  - \$4.6 billion
  - Eligible activities must be included in the PCAP
  - Prioritizing reduction of greenhouse gas emissions and benefits to disadvantaged communities
  - Grant awards anticipated between ~\$2 million and \$500 million
  - Applications were due April 1, 2024



# Climate Pollution Reduction Grant Program

State and regional coordinated approach for Tier 2 applications

| Tier A (\$500M)<br>State  | Tier B (\$200M)<br>PSRC  | Tier C (\$100M)<br>State  | Tier D (\$50M)<br>King County   |
|---|--|---|---|
| <ul style="list-style-type: none"><li>• Complete streets</li><li>• Marine vessel electrification</li><li>• Green transportation</li><li>• Drayage scrap and replace</li><li>• Refrigerants / HFCs</li><li>• Food / organics waste reduction</li></ul> | <ul style="list-style-type: none"><li>• Regional transit electrification</li><li>• Port and airport electrification</li><li>• Equitable public EV charging - Pierce County pilot program</li></ul> | <ul style="list-style-type: none"><li>• Aggregated statewide projects - tribal energy sovereignty, decarbonizing campus energy systems and others</li></ul> | <ul style="list-style-type: none"><li>• Commercial / municipal building electrification</li><li>• Single- and multifamily dwelling electrification</li><li>• Circular economy</li></ul> |

*Anticipated EPA award decisions by late summer / early fall 2024*



# Climate Pollution Reduction Grant Program

## Project Partners

Tier B (\$200M)

PSRC

- Regional transit electrification
- Port and airport electrification
- Equitable public EV charging - Pierce County pilot program



communitytransit



EVERETT TRANSIT

THE NORTHWEST  
SEAPORT ALLIANCE

SEATTLE + TACOMA





# Thank you

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Puget Sound Regional Council