

Climate Commitment Act

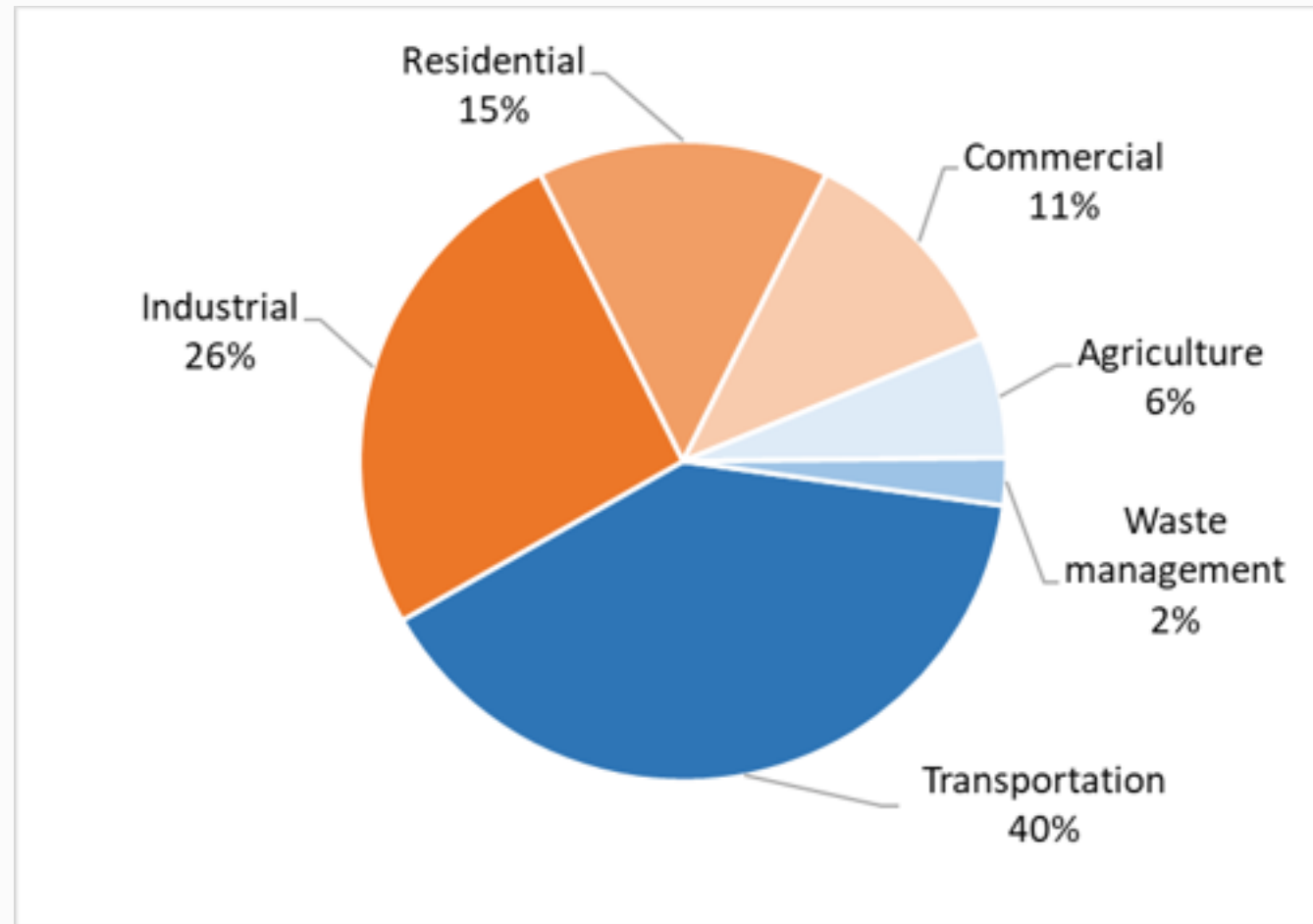
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May 22, 2024

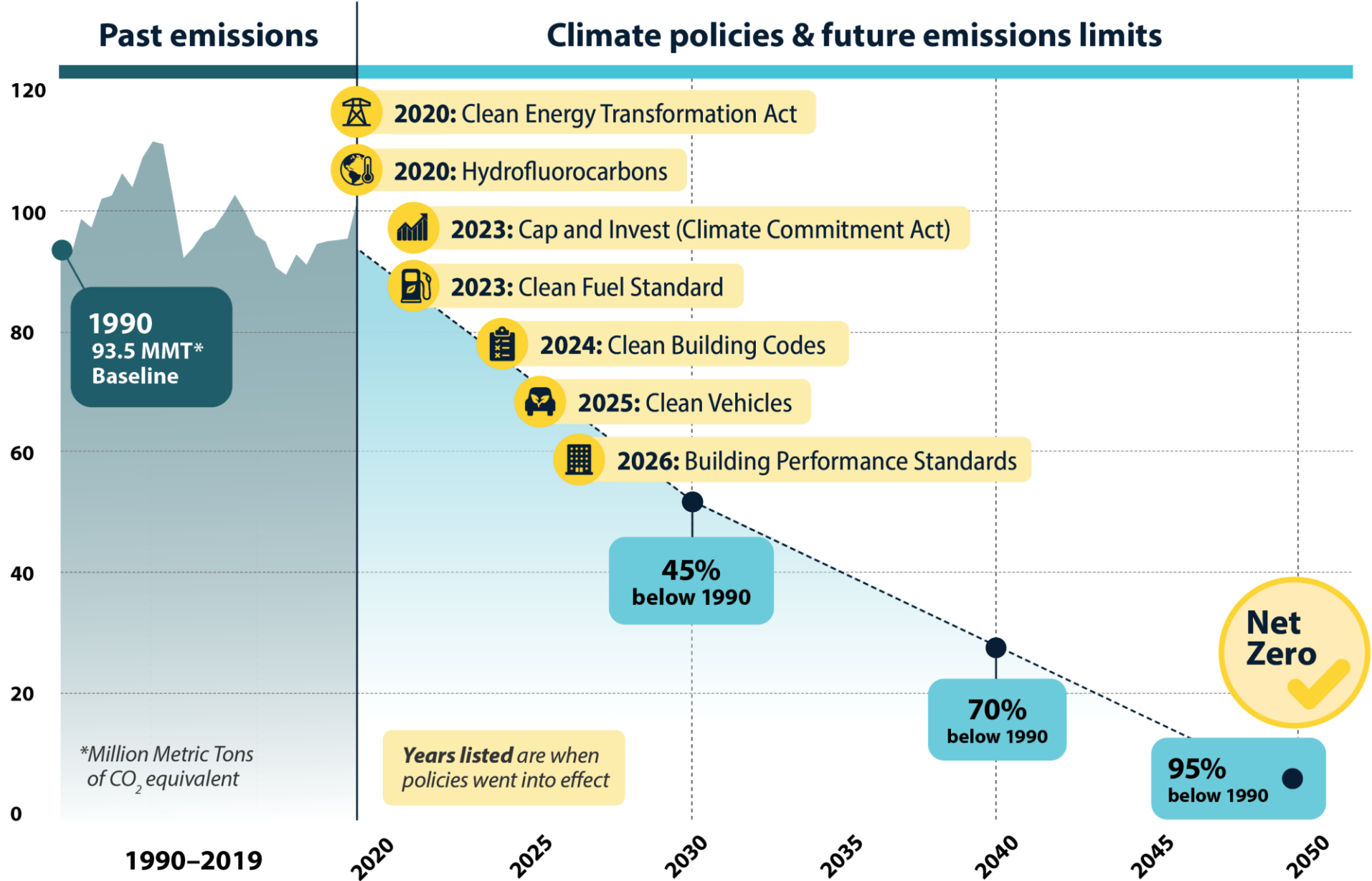


2019 emissions by sector: 102.1 MMTCO₂e total



(Electricity emissions allocated to end-use sector)

How Washington is cutting pollution 95% by 2050





Climate Commitment Act

- Limits and reduces climate pollution
 - Cap-and-Invest: a market-based system that **cost effectively** lowers greenhouse gas emissions
- Reduces air pollution
 - Program to reduce "**criteria**" **air pollution** in overburdened communities
- Centers environmental justice
 - **At least 35% of revenue** directly benefits vulnerable populations in overburdened communities (goal of 40%)
 - **10% of revenue** goes to projects with Tribal support



Cap-and-Invest

- Declining regulatory cap on climate pollution – requires emissions reductions, drives investment in decarbonization
- ~75% of state emissions covered
- Emitters generating 25,000+ tons of CO₂e/year must purchase or receive emissions allowances
- Revenue invested in decarbonizing the economy, building climate resilience, and advancing environmental justice

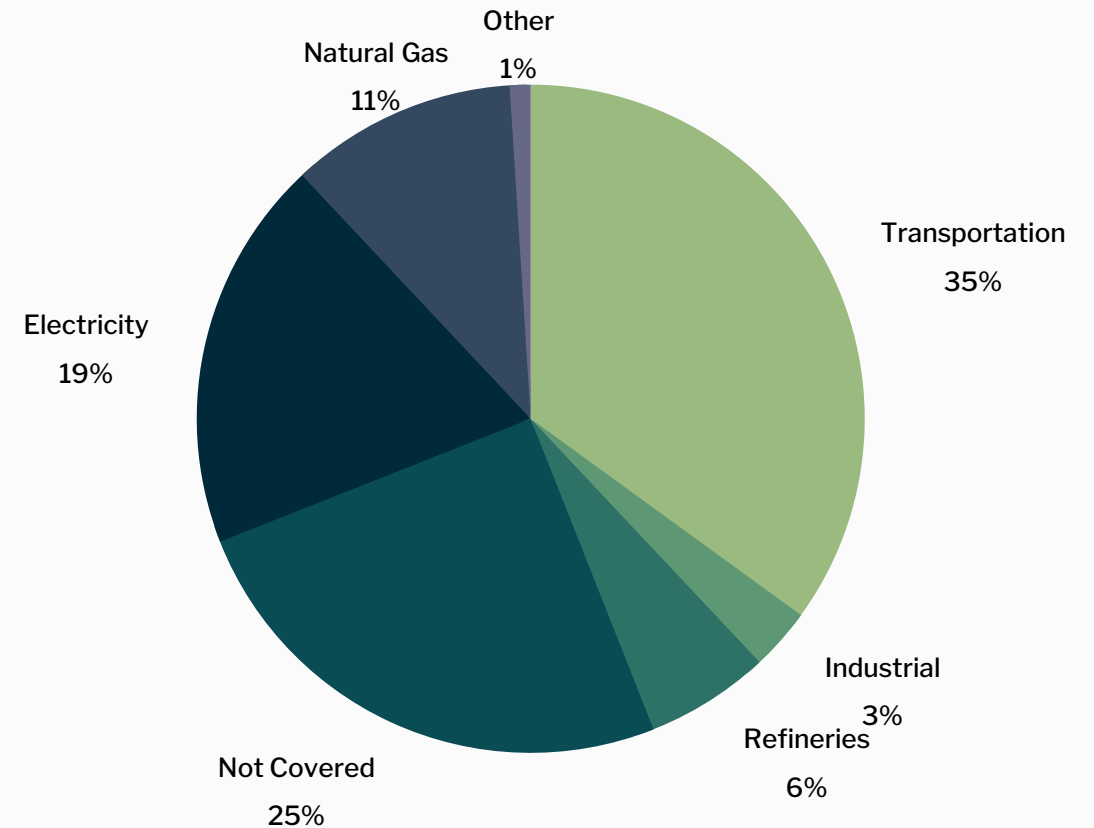
What counts as 'covered emissions'

Covered emissions - 75%

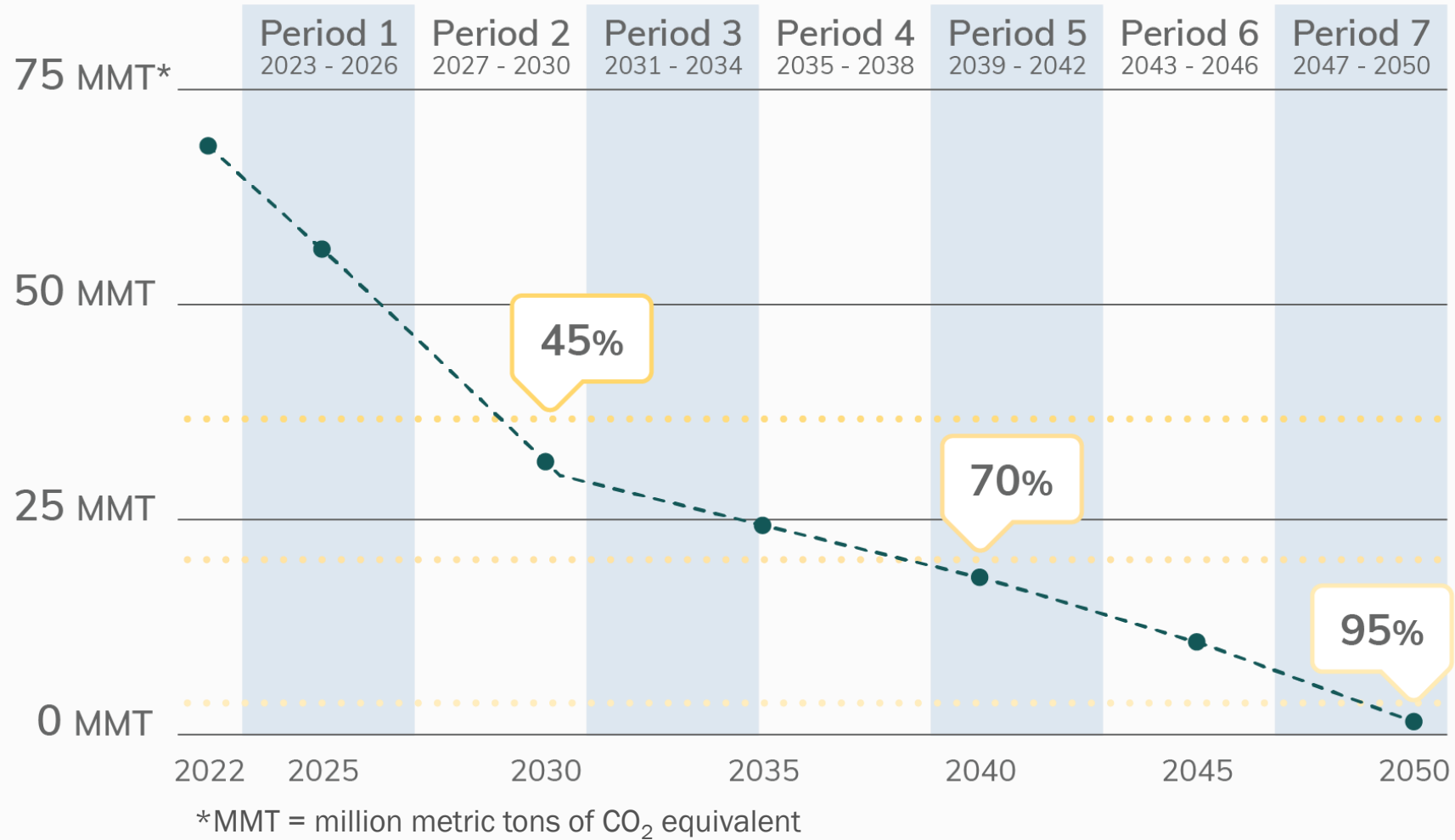
- Emissions from:
 - Facilities that emit more than 25,000 metric tons CO₂e
 - Gasoline and on-road diesel
 - Electricity consumed in WA state
 - Natural gas
 - 2027 - waste-to-energy facilities
 - 2031 - railroads

Not covered - 25%

- Emissions from:
 - Facilities that emit less than 25,000 metric tons CO₂e
 - Agricultural operations
 - Aviation fuels and most marine fuels



Emissions cap reductions



CCA air quality protections

Improving air quality in 16 overburdened communities

This environmental justice initiative includes:

- Expanding air monitoring
 - Includes \$10M for high-resolution study
- Adopting strategies to address air pollution
 - \$10 million community grant program in 2024
 - Rulemaking on more protective air quality requirements in 2025-26
- Evaluating and reporting air pollution, GHG, and health data every two years
 - First report released in December 2023

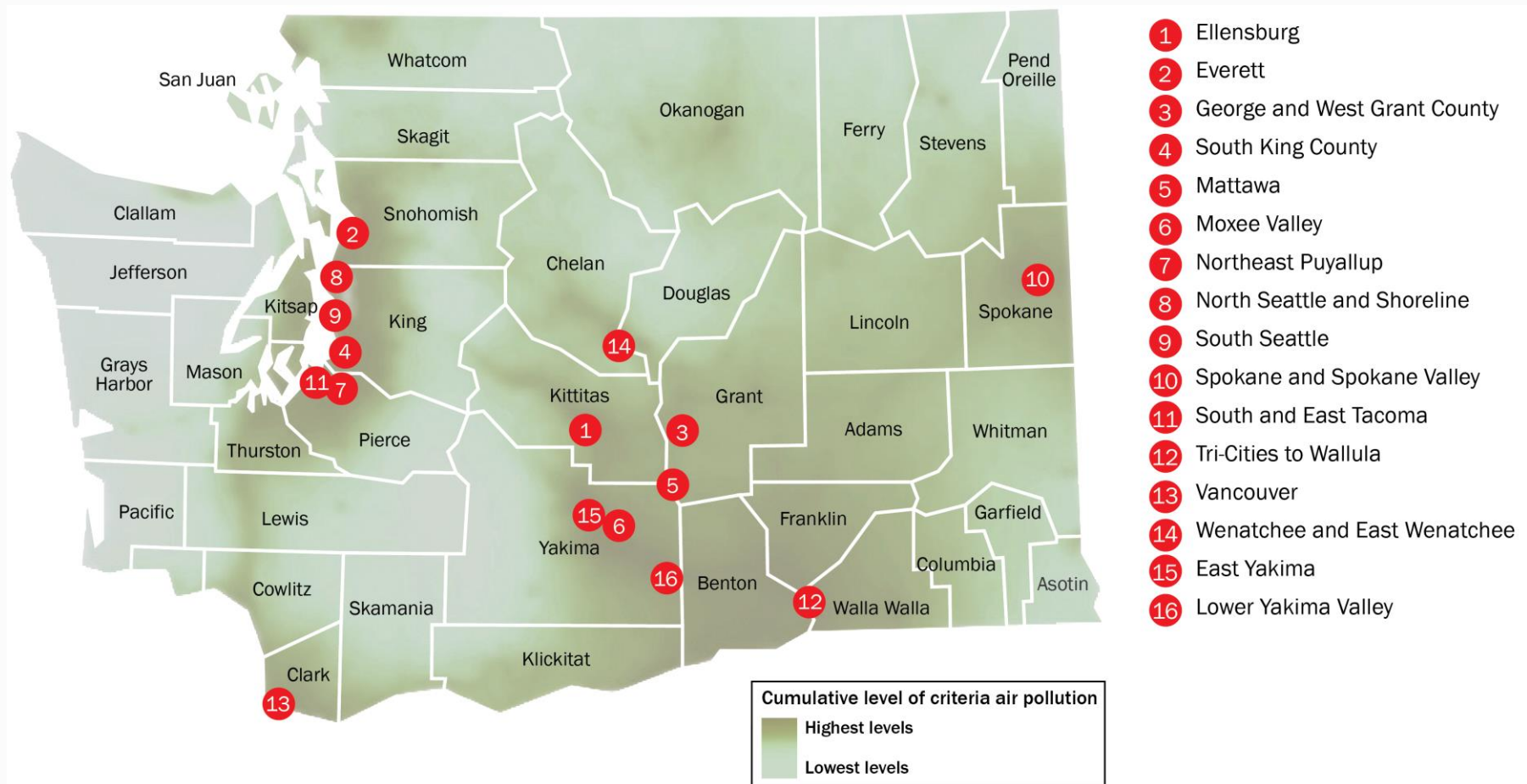


Ecology's custom-built SensWA PM_{2.5} sensor

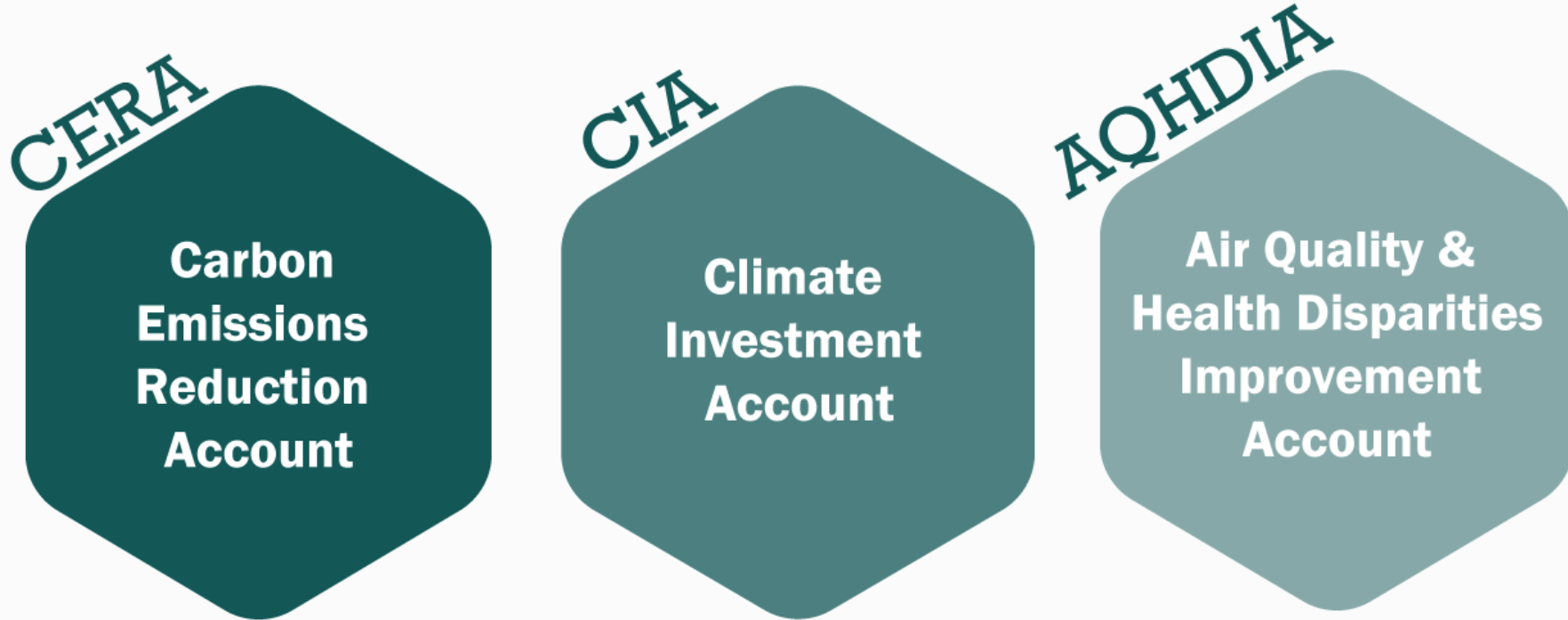


New reference grade PM_{2.5} monitor at The Hive public library in Spokane

Designated communities highly impacted by air pollution

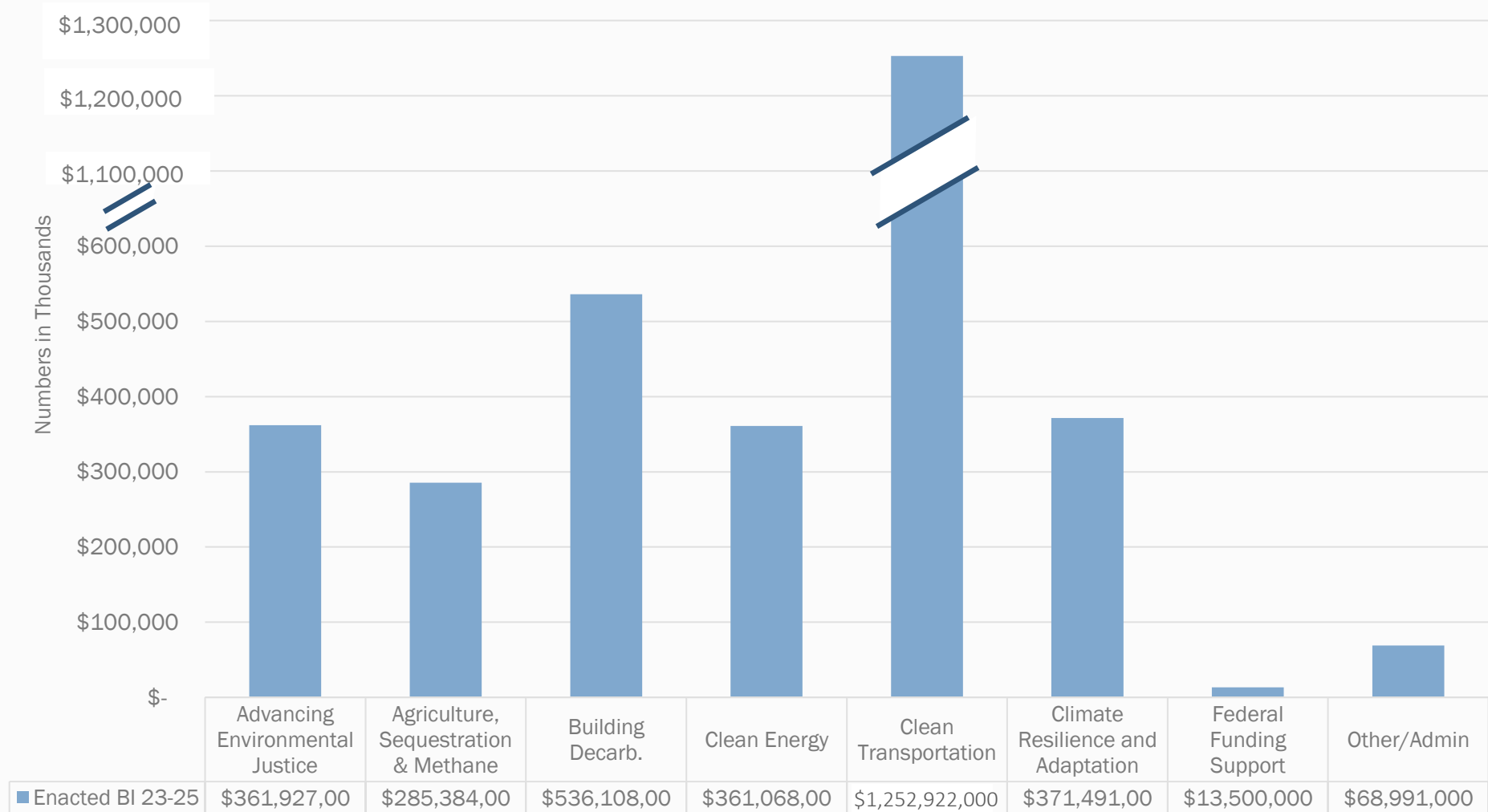


CCA auction proceeds



All revenue to be appropriated by the Legislature

Climate investments by category (2023-25)



Enacted 2023-25: \$2.129 Billion
Enacted 2024 Supplemental: \$1.122 Billion
 Total CCA Investments \$3.251 Billion



Overburdened communities and Tribes

Estimate of original 2023-25 CCA Investments

- Investments in overburdened communities
 - \$924 million – 43%
- Investments designated specifically for tribes
 - \$155 million – 7.3%
 - It is anticipated that tribally-supported investments to meet or exceed 10%. Tribes are eligible for additional grants, and may support other CCA funded salmon recovery investments



Clean transportation \$1.5 billion

- \$563 million: Ferry and terminal electrification
- \$429 million: Public Transit Grants
- \$223 million: Active transportation projects
- \$105 million: Community EV charging
- \$45 million: EV infrastructure grants on state highways
- \$130 million: Incentives and infrastructure for zero-emission commercial vehicles, school buses and drayage trucks
- \$109 million: Rail electrification and shore power at ports



Clean buildings \$536 million

- \$115 million: Assist Low-income households and businesses electrify their homes and businesses
- \$136 million: Electrifying state higher education campuses
- \$58 million: Improving energy efficiency of state facilities
- \$50 million: Energy retrofits and solar power for public buildings
- \$20.6 million: Energy audits for public buildings



Environmental justice: \$361 million

- \$150 million: \$200 energy vouchers for low- and moderate-income residential electrical consumers
- \$107 million: Reducing GHG emissions and improving air quality in vulnerable, overburdened and tribal communities.
- \$6 million: Low-income community solar projects



Climate resilience: \$371 million

- \$60 million: Riparian protection grants
- \$50 million: Tribal climate adaptation grants
- \$96 million: Fish passage, salmon habitat and climate resilience projects
- \$40.9 million: Comprehensive climate planning grants (HB 1181)
- \$10 million: GMA climate change implementation grants
- \$2.7 million: Local government salmon recovery planning grants



Agriculture sequestration and methane reduction: \$285 million

- \$98 million: Carbon sequestration on state trust lands
- \$35 million: Farm GHG reduction, anerobic digester and ag sequestration grants
- \$15 million: Landfill methane reduction grants
- \$15 million: Firewise, forest health and community wildfire grants

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