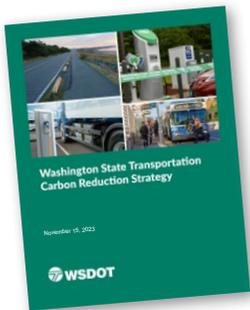


Reducing Transportation Carbon Emissions



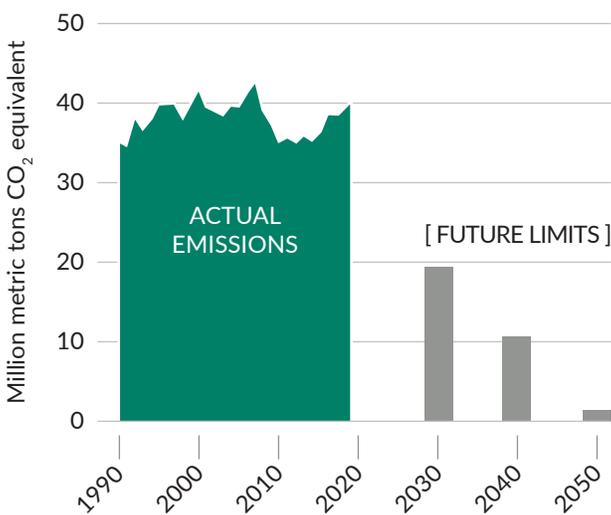
Washington State Transportation Carbon Reduction Strategy



WSDOT has prepared the **Washington State Transportation Carbon Reduction Strategy (TCRS)**, a requirement to receive funds from the federal **Carbon Reduction Program**.

The TCRS describes the policies and strategies being implemented across the state that reduce transportation greenhouse gas (GHG) emissions, bringing together the extensive work underway to move Washington toward meeting its emission reduction limits.

Applying Washington's statutory GHG limits to the transportation sector means the state needs to reduce transportation emissions by 50% from 2019 to 2030 and drop to net zero by 2050. (see chart below)



The State's blueprint for meeting greenhouse gas limits, the 2021 **Washington State Energy Strategy**, identifies two overall strategies that work together to reduce transportation emissions:



Move people and goods more efficiently and equitably



Electrify vehicles and switch to low-carbon fuels

Together, the State Energy Strategy and TCRS create a statewide plan for transportation carbon reduction.

TCRS Overview

TCRS Chapter 2: Statewide Transportation Decarbonization Policy Framework describes the state's framework to reduce emissions with descriptions and resources to inform additional investments.

The **Healthy Environment for All (HEAL) Act** and the **Climate Commitment Act (CCA)** form the backbone of the State's efforts. The HEAL act creates a coordinated state approach to addressing environmental and health disparities for vulnerable populations and overburdened communities. The CCA caps emissions from large sources and through auction allowances, generates revenue that is directed to reduce carbon emissions, including transportation investments.

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Several other policies require specific action intended to reduce transportation emissions:

- **Clean Fuels Standard** requires decreasing the lifecycle emissions of transportation fuels by 20% by 2038.
- **Growth Management Act** requires addressing climate and vehicle miles traveled.
- **Clean Energy Transformation Act** sets a schedule for transitioning to 100 percent renewable energy, supporting zero emission electric vehicles.

Chapter 3 provides more detail on each of the strategy categories along with examples from around the state of what can be done to make progress toward state GHG emissions limits. This chapter also provides information on current projects using federal **Carbon Reduction Program** funds.



Freight Rail in Yakima Canyon, WSDOT

Looking to the future

Next steps ensure implementation continues across the state. WSDOT and partners must:

- **Support strong collaboration** with transportation partners by incorporating information to reduce emission into state and regional plans.
- **Expediently implement existing policies and programs and track progress.**
- **Fill policy gaps** and identify funding gaps to provide additional information that guides the state and partners in strategy implementation.
- **Understand the emission gaps** through additional analysis that supports informed choices.
- **Track and adopt innovation** as new technologies continue to emerge.
- **Track emerging issues** in a timely manner so that challenges are managed and opportunities can be expanded upon.
- **Identify funding gaps**, particularly those that affect equitable investments.
- **Update the Transportation Carbon Reduction Strategy.** Work on an updated TCRS will begin in 2026 for submission in 2027.

For access to resources and to learn more about the TCRS, check out the **full TCRS report**.

For more information

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