



Statewide Transportation Strategy: A 2050 Vision for Greenhouse Gas Reduction



Multi-Agency Implementation Work Plan

June 2020 - June 2022

OREGON DEPARTMENT OF TRANSPORTATION, OREGON DEPARTMENT OF LAND CONSERVATION AND DEVELOPMENT, OREGON DEPARTMENT OF ENERGY, OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY

This document reports on progress for the Every Mile Counts Multi-Agency Implementation Work Plan to implement the *Statewide Transportation Strategy: A 2050 Vision for Greenhouse Gas Reduction (STS)*. The Every Mile Counts work plan was developed by the Oregon Department of Transportation (ODOT), Department of Land Conservation and Development (DLCD), Department of Environmental Quality (DEQ), and Department of Energy (DOE) to identify actions to reduce greenhouse gas (GHG) emissions from transportation and to bring Oregon closer to achieving the emission reduction goals.

Highlights

Long-Term Multi-Agency Commitment to Action

The Every Mile Counts effort is a long-term commitment to collaborative climate action by ODOT, DLCD, DEQ and DOE. The Work Plan represents the first two years of activities and a new Work Plan will be created in mid-2022 and every biennium henceforth. To solidify this long-term and lasting commitment the agencies entered into a Memorandum of Understanding in 2020. The agencies have agreed to dedicate the staff and resources needed for short-term and long-term implementation actions. The support and engagement for this work extends to the Director and Commission for each agency. This level of coordination ensures that the agencies are moving in the same direction to reduce GHG emissions and there is no duplication of efforts, allowing agencies to jointly leverage resources to more effectively implement the STS and work to achieve the emission reduction goals.

Understanding and Addressing Equity

The agencies have prioritized equity throughout the Every Mile Counts work to ensure that this effort's actions do not result in negative impacts or place additional burdens on traditionally disadvantaged or underserved communities. The agencies have engaged in broad stakeholder outreach and inclusion efforts in all work plan actions, with over 200 hours of direct public and stakeholder engagement to date. In addition, agencies have ensured diverse voices are at-the-table and have provided compensation for participation as needed.

To center equity in the Every Mile Counts work and provide agencies with a greater understanding of equity impacts, ODOT sponsored a series of Equity Engagement Workshops for the agencies to collectively gather input and guidance from equity stakeholders around the state. To address social equity and environmental justice objectives, the agencies used the feedback to develop *Equity Guiding Principles* that establish decision-making criteria for agencies to consider throughout Every Mile Counts efforts, and *Equitable Outcomes* that will allow the agencies to make measurable progress toward achieving the statewide GHG reduction goals.

Moving Forward on All Fronts

Progress has been made on each of the Every Mile Counts actions in the 2020-2022 work plan since it was initiated. Some actions have already resulted in work products, while others are just getting started. Many of the actions strengthen existing state priorities and participation in national emissions reduction partnerships. All of the actions in the work plan are critical components on the path to reduce transportation emissions in Oregon. The actions in the work plan are advancing and currently on track for completion. Each of the agencies is working to complete the individual and collaborative responsibilities in the work plan as part of their commitment to climate action and emissions reduction, in addition to other climate-efforts they are individually engaged in. All of the Every Mile Counts work is being conducted using existing agency resources and in unison with other agency priorities. An inter-agency management team meets on a regular basis to coordinate activities, provide updates, and keep the initiative on track and moving forward. Work plan and implementation details are available to the public on the [Every Mile Counts website](#), hosted by ODOT.

Progress Update on Every Mile Counts Actions

Reduce Vehicle Miles Traveled Per Capita

Statewide Trip Reduction Policy

In January 2021, DEQ staff presented concepts of a new employee commute option rule at the statewide meeting of the Transportation Options Group of Oregon and at ODOT's Transit Provider and Metropolitan Planning Organization coordination meeting. DEQ will also be co-presenting with ODOT Transportation Options program staff at the Street Trust's Active Transportation Summit in April. DEQ and ODOT staff have been discussing ways that ODOT's Transportation Options program can provide tools, funding, and technical assistance to employers so they can deploy incentives and help their employees get to work safely and efficiently. DEQ staff have identified several updates needed to strengthen the existing Employee Commute Options rules that apply to large employers in the Portland metropolitan area, such as higher survey participation requirements and higher standards for trip reduction plans. DEQ is working with agency and organization partners to identify candidates to serve on a rule advisory committee, likely to convene in April 2021.

Support Use of Cleaner Vehicles and Fuels

Zero Emission Vehicle Interagency Action Plan

To implement the Zero Emission Vehicle Interagency Action Plan, ODOE led the Zero Emission Vehicle Interagency Working Group (ZEVIWG) in the development of action items for agencies to complete by

the end of 2021 in support of Zero Emission Vehicle (ZEV) adoption in Oregon. The tasks were developed using input the ZEVIWG received from stakeholders during public engagements and other interactions while implementing Executive Order 17-21. Action items include areas where the state can support equitable access to ZEVs, electric vehicle charging infrastructure, and provide education and outreach on ZEVs. The draft report is in the process of being finalized and will be sent out for approval by ZEVIWG agency directors in March 2021.

Transportation Electrification Infrastructure Needs Analysis

To evaluate the electric vehicle charging needs in Oregon over the next 15 years, ODOT's Transportation Electrification Infrastructure Needs Analysis (TEINA) project team has summarized the existing status of a full spectrum of transportation electrification capabilities in Oregon. This work contrasts our state's charging scope and mix with other states, and forms a baseline for modeling projections. Foundational data on nine use cases of electric transportation have been developed. Scenarios will explore a base case, and rapid and slower adoption schedules for projections of EV charging needed to meet SB 1044 light-duty ZEV goals. Results will show charging needs – by type, year, and census tract – required to support transportation electrification in rural and urban venues, along corridors, and in disadvantaged communities. The results will also provide an overview of projected charging needs for Oregon to electrify school buses and transit, e-bikes and e-scooters, transportation network companies, and delivery and long-haul freight. A series of twelve Listening Sessions have gathered feedback from groups representing the nine use cases. A diverse Advisory Group provides insights on technical issues, and will be exploring policy concepts at their March 2021 meeting. The TEINA report will be submitted to the Governor's Office in June 2021.

Adopt New Emissions Standards and ZEV Requirements for Medium- and Heavy-Duty Trucks

DEQ supported California in their development of the Advance Clean Trucks and Low NOx Omnibus rules, which were approved by the California Air Resource Board on June 25, 2020 and August 27, 2020, respectively. DEQ has held initial stakeholder discussions on the rules and is scoping more formal stakeholder conversations for later this spring before formal rulemaking begins this summer. Oregon also signed onto a Memorandum of Understanding (MOU) with the Northeast States for Coordinated Air Use Management member states to coordinate efforts to accelerate the adoption of medium- and heavy-duty ZEVs. Oregon has completed outreach on the MOU to support the work of the national collaborative and assist in the development of a multi-state action plan.

Truck Alternative Fuels Study and Implementation

DEQ planned this work to be completed in two phases: 1) development of a profile of Oregon's medium and heavy-duty fleet; and 2) a survey to identify barriers to alternative fuel adoption by sector resulting in a report that highlights the gaps in awareness, data, policy, and incentives. DEQ is reaching out to fleet owners and operators with a survey that opened February 8th, and will close April 15, 2021. DEQ is expecting fleet data from ODOT in early 2021 to complete the medium and heavy-duty fleet profile of Oregon. DEQ anticipates the report to be completed by the Fall of 2021.

Expand Clean Fuels Program

DEQ's effort to expand the Clean Fuels Program is proceeding on schedule in two phases:

- The first phase is to amend the Clean Fuels Program regulation (details can be found in the Clean Fuels Program Expansion work plan update). The first step in that phase is the Clean Fuels Program Electricity 2021 Rulemaking that is scheduled to be considered for adoption at the March Environmental Quality Commission meeting and will strengthen the ties between the Clean Fuels Program and Oregon's transportation electrification goals. The remaining steps (the studies, the program review, and second rulemaking) has begun and will continue through the rest of this year and into next.
- The second phase is to reach out to Oregon's state agencies to increase their demand for clean fuels by converting their fleets and leveraging their programs and policies. This task has changed in order to coordinate with the Department of Administrative Services on their project to identify ways to decarbonize the state's fleets. This work begins in Q1 2021 with a pilot project with ODOT and continues through next year.

Consider Greenhouse Gas Emissions in Decision-Making

Climate Friendly and Equitable Communities

To reduce vehicle miles traveled and consider GHG emissions in decision-making for communities in Oregon, DLCD is leading a rulemaking called Climate-Friendly and Equitable Communities. This comprehensive effort will develop rules, guidance, and tools to address climate pollution and equitable outcomes in local planning for transportation and housing. The effort is guided by a 40-person rulemaking advisory committee that reflects Oregon's underlying population in terms of race, Indigenous status, gender, disability, home owners and renters, income, and other dimensions. The advisory committee has met four times and produced an Equitable Outcomes Statement to provide staff with the outcomes that the rules and program should work towards. This includes the proposed rule amendments to the Metropolitan Greenhouse Gas Reduction rules that would require the state's eight metropolitan areas to adopt plans that meet the state's climate goals.

ODOT has provided a contract for facilitation of the rulemaking advisory committee meetings, and funds for DLCD to distribute as stipends for representatives from six historically underserved communities to support their time to engage in the effort. DEQ continues to support the rulemaking by participating in a technical workgroup on the rules and working with DLCD to determine the potential benefit of future rules on parking management.

Every Mile Counts Transportation Emissions Dashboard

To ensure that the state agencies are on track to meet transportation GHG emission reduction goals, ODOT is leading the development of a multi-agency Transportation Emissions Dashboard website to demonstrate the progress towards implementing the STS and achieving the GHG reduction goals. The interactive online dashboard will report on a number of performance measures and indicators related to efforts on implementing the STS and the Every Mile Counts work plan actions.