

## **Draft Climate Actions under Consideration for a 5-Year ODOT Climate Work Plan**

ODOT is developing a 5-year Climate Work Plan to help address Oregon’s climate crisis. The table below includes actions planned or underway and other short-term actions to be considered for inclusion in the Work Plan. The ultimate list of actions will be determined by urgency and ability to implement (e.g. available resources and authority). ODOT commits to updating the Work Plan every five years in recognition that sustained and additional work is needed long-term.

Category	Actions Underway	Actions to Consider
<b>Policy</b>	<ul style="list-style-type: none"><li>• Incorporate climate into the Strategic Action Plan and subsequent implementation</li><li>• Form cooperative agreements with other state agencies to collaboratively pursue climate actions (e.g. Every Mile Counts)</li></ul>	<ul style="list-style-type: none"><li>• Solidify long-term commitment to climate action in the Oregon Transportation Plan</li><li>• Engrain climate justice and equity into the agency’s policy framework</li><li>• Incorporate climate performance measures into agency decisions</li></ul>
<b>Investment</b>	<ul style="list-style-type: none"><li>• Add a GHG lens to Statewide Transportation Improvement Program (STIP) decisions and screen projects at the programmatic level for climate and equity benefits and harms</li></ul>	<ul style="list-style-type: none"><li>• Align the Congestion Mitigation and Air Quality (CMAQ) program with climate mitigation</li><li>• Determine how other funding programs or sources can be directed or prioritized to support climate outcomes</li></ul>
<b>Engagement</b>	<ul style="list-style-type: none"><li>• Meet with community-based organizations and diverse community members across Oregon to develop and implement Equity Guiding Principles for climate efforts</li><li>• Provide compensation, as needed, to ensure diverse voices are ‘at-the-table’ to guide decisions</li></ul>	<ul style="list-style-type: none"><li>• Invest in community capacity building to help grow understanding of transportation climate issues in support of enhanced engagement in decision making</li></ul>

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Climate (GHG) Mitigation Activities	Cleaner Vehicles and Fuels	<ul style="list-style-type: none"> <li>• Establish a <i>Community Charging Grant</i> to help fund installation of EV charging stations in rural areas and for underserved communities</li> <li>• Create an electrification guidebook for public transportation agencies</li> <li>• Partner on education and outreach between agencies, utilities, and private sector</li> <li>• Map existing electrification efforts by agencies, utilities, and the private sector and identify opportunities to better align and advance work</li> <li>• Conduct a Transportation Electrification Infrastructure Needs Analysis (TEINA) study and make recommendations for meeting state EV goals.</li> <li>• Plan for and start to pursue transition of ODOTs light vehicle fleet to electric</li> <li>• Collaborate with DEQ on the Clean Fuels Program and DOE on electrification efforts</li> <li>• Seek alternative fuel corridor designations to enable future federal funding opportunities</li> </ul>	<ul style="list-style-type: none"> <li>• Seek federal funding opportunities for transportation electrification and low-carbon fuels</li> <li>• Identify and fund a signage strategy for EV charging locations</li> <li>• Provide guidance and technical assistance to local jurisdictions to transition fleets to electric and enable transportation electrification for the public</li> <li>• Implement TEINA study recommendations and enable car, bus and freight electrification, and broader use of e-bikes and e-scooters.</li> </ul>
	Transportation Options	<ul style="list-style-type: none"> <li>• Develop tools and guidance to support public transportation agencies in developing Net-Zero Transit plans</li> <li>• Invest in conversion of public transit fleets to low/no</li> </ul>	<ul style="list-style-type: none"> <li>• Work with state agencies to support increased and sustained telecommuting strategies and policies</li> <li>• Seek additional funding for public and active transportation</li> </ul>

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		<ul style="list-style-type: none"> <li>emission fuels such as natural gas and electric</li> <li>• Establish ODOT telecommute targets to sustain high-levels of telecommuting post COVID-19</li> <li>• Implement a statewide trip reduction policy through technical support to employers</li> </ul>	<ul style="list-style-type: none"> <li>• Identify opportunities for an encourage multi-modal corridors and intercity transit</li> <li>• Prioritize active and public transportation investments in low-income areas, and for black, indigenous, and people of color (BIPoC) communities</li> <li>• Study and start to strategize how to enable more e-bikes, bike-share, and cargo-bikes</li> </ul>
	System Efficiency	<ul style="list-style-type: none"> <li>• Invest in deployment of RealTime traffic management and traveler information on I-5, I-84, I-205, I-405, US 26 and OR 217</li> <li>• Update traveler information systems such as TripCheck and the Get There ridesharing tool to support multi-modal trip choices</li> <li>• Pursue upgrades to Advanced Transportation Controllers (ATCs) to enable adaptive signal controls and transit signal priority</li> </ul>	<ul style="list-style-type: none"> <li>• Advance and implement operational and safety improvements to enhance system reliability and efficiency</li> <li>• Determine ODOT's role in supporting broadband development to enable the future of connected and automated transportation, ITS communications, and access to</li> <li>• Identify opportunities to pursue enhanced traffic incident management strategies to clear crashes quickly and reduce stops and starts</li> </ul>
	Pricing	<ul style="list-style-type: none"> <li>• Work with the Oregon Toll Program and the EMAC to identify the tolling framework for the Portland metropolitan area that includes congestion pricing to manage demand and align with climate goals</li> </ul>	<ul style="list-style-type: none"> <li>• Work with the Legislature to pass full-scale OReGO legislation</li> <li>• Explore mechanisms and options for True Cost Pricing, recouping the full cost of travel from the wear and tear on roadways, and other potential environmental impacts</li> </ul>

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		<ul style="list-style-type: none"> <li>Develop concepts for full-scale implementation of the OReGO program</li> </ul>	
	Land Use	<ul style="list-style-type: none"> <li>Support incorporation of the Statewide Transportation Strategy (STS) into regional and local transportation and land use plans by providing technical and financial support</li> <li>Partner with DLCD on coordinated land use and transportation planning at the state and local level</li> </ul>	<ul style="list-style-type: none"> <li>Encourage planning for and investments in freight transload facilities, urban consolidation centers, and distribution hubs that support use of smaller electric vehicle goods delivery within cities</li> <li>Identify opportunities to fund implementation climate actions in local transportation and land use plans</li> </ul>
<b>Climate Adaptation Activities</b>		<ul style="list-style-type: none"> <li>Assess vulnerabilities to the transportation system from climate changes and extreme weather. Develop an Adaptation Roadmap of strategies to make the system more resilient and respond to floods, wildfires, landslides, and sea level rise.</li> <li>Identify best practices in response and recovery for the transportation system that was impacted by recent wildfires, floods, and winter storms</li> <li>Conduct research studies on coastal vulnerabilities</li> </ul>	<ul style="list-style-type: none"> <li>Implement the Adaptation Roadmap</li> <li>Partner with local jurisdictions to plan for community evacuation routes</li> <li>Identify priority locations for coastal armoring and pursue goal exceptions as needed</li> </ul>
<b>Sustainability</b>		<ul style="list-style-type: none"> <li>Inventory GHG emissions from construction projects, identify opportunities to transition to lower-carbon materials and fuels, and implement changes as appropriate</li> <li>Inventory emissions from ODOT building and energy use and identify opportunities</li> </ul>	<ul style="list-style-type: none"> <li>Evaluate and start to pursue opportunities to switch to LED lighting beyond Portland</li> <li>Identify additional public-private partnership opportunities for solar highways</li> </ul>

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	to reduce energy consumption <ul style="list-style-type: none"> <li>• Change out freeway lighting in the Portland metropolitan area to LED</li> </ul>	
<b>Performance Measures</b>	<ul style="list-style-type: none"> <li>• Evaluate progress implementing the STS strategies, Every Mile Counts work, and other climate actions</li> <li>• Build a public dashboard to share information on progress and express what it will take to reach state reduction goals</li> </ul>	<ul style="list-style-type: none"> <li>• Incorporate climate performance measures into agency decisions</li> <li>• Develop a Vehicle Miles Traveled (VMT) per capita measure at the county level</li> <li>• Identify adaptation performance measures</li> </ul>

Staff will be developing the Work Plan in early 2021, and plan to finalize the document by June 2021. Comments on these potential actions and ODOT's proposed 5-year Climate Work Plan are welcome and can be submitted directly to the ODOT Climate Office at: [Climate.Office@odot.state.or.us](mailto:Climate.Office@odot.state.or.us).