

TOOLBOX OF POSSIBLE ACTIONS (2015-2020)

BACKGROUND | The Climate Smart Communities Scenarios Project responds to a state mandate to develop and implement a strategy to reduce greenhouse gas emissions from cars and small trucks by 2035. Working together, community, business and elected leaders developed a Climate Smart Strategy that exceeds the mandate and will contribute to creating healthy and equitable communities and a strong economy. The strategy relies on implementing the plans and visions that have already been adopted by communities and the region, along with anticipated advancements in cleaner, low carbon fuels and more fuel-efficient vehicles. The strategy does more than just meet the target. It supports many other local, regional and state goals, including clean air and water, more transportation choices, improved access to jobs and services, reduced delay on the transportation system, and reduced travel and healthcare costs for households and businesses.

Building on existing local, regional and statewide activities and priorities, the project partners have developed an advisory toolbox of actions with meaningful steps that can be taken to implement the Climate Smart Strategy. The actions support implementation of adopted local and regional plans and, if taken, will reduce greenhouse gas emissions and minimize the region's contribution to climate change in ways that support

community and economic development goals. The toolbox builds on the research, analysis, community engagement and discussion completed during the past four years and was developed with the recognition that some tools and actions may work in some locations but not in others. It emphasizes the need for many diverse partners to work together to begin implementation of the Climate Smart Strategy and that each partner retains flexibility and discretion in pursuing the strategies most appropriate to local needs and conditions. Inclusion of an action was primarily driven by advisory committee and public feedback.

HOW TO USE THE TOOLBOX | The toolbox is focused on possible near-term (within the next 5 years) actions that the Oregon Legislature, state agencies and commissions, Metro, cities and counties and special districts are encouraged to take to begin implementing the broader policies and strategies identified in the Climate Smart Strategy. The near-term actions include a combination of existing actions and new ideas and approaches that will lay the foundation for longer term action. The toolbox does not require Metro, local governments, special districts, or state agencies to adopt any particular policy or action, and is intended to allow for flexibility so any action can be tailored to best support local, regional and state plans and visions. The toolbox is intended to be a living document, subject to further review and refinement by local governments, ODOT, TriMet and other stakeholders as part of regularly-scheduled updates to the Regional Transportation Plan to reflect new information and approaches to reducing greenhouse gas emissions from land use and transportation.

Local, state and regional partners are encouraged to review the toolbox and identify actions they have already taken and any new actions they are willing to consider or commit to in the future. Updates to local comprehensive plans and development regulations, transit agency plans, port district plans and regional growth management and transportation plans present ongoing opportunities to consider implementing the actions recommended in locally tailored ways.

Medium and longer-term actions will be identified during the next update to the Regional Transportation Plan (scheduled for 2016-18).

POLICY		TOOLBOX OF POSSIBL	.E ACTIONS (2015-2020)	
	WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	WHAT CAN SPECIAL DISTRICTS DO? (e.g., transit providers, Port districts, parks providers, etc.)
1. Implement the 2040 Growth	Immediate (2015-16)	Immediate (2015-16)	Immediate (2015-16)	Immediate (2015-16)
Concept and local adopted land	☐ Reauthorize Oregon Brownfield Redevelopment	☐ Continue implementing 2040 growth Concept	☐ Continue implementing adopted land use plans	☐ Implement policies and investments that align
use and transportation plans	Fund Support brownfield redevelopment-related legislative proposals Restore local control of housing policies and programs to ensure communities have a full range of tools available to meet the housing needs of all residents and income levels and expand opportunities for households of modest means to live closer to work, services and transit Begin implementation of the Statewide Transportation Strategy Vision and short-term implementation plan to support regional and community visions Near-term (2017-20) Seek opportunities to leverage local, regional, state and federal funding to achieve local visions	 □ Implement policies and investments that align with regional and community visions to focus growth in designated centers, corridors and employment areas □ Support restoring local control of housing policies and programs to ensure communities have a full range of tools available to meet the housing needs of all residents and income levels and expand opportunities for households of modest means to live closer to work, services and transit □ Support reauthorization of Oregon Brownfield Redevelopment Fund □ Facilitate regional brownfield coalition to develop legislative proposals and increase resources available in the region for brownfield 	 □ Implement policies and investments that align with community visions, focus growth in designated centers, corridors and employment areas □ Support restoring local control of housing policies and programs to ensure communities have a full range of tools available to meet the housing needs of all residents and income levels and expand opportunities for households of modest means to live closer to work, services and transit □ Support reauthorization of Oregon Brownfield Redevelopment Fund □ Participate in regional brownfield coalition to develop legislative proposals and increase resources available in the region for brownfield 	with community visions, focus growth in designated centers, corridors and employment areas Support restoring local control of housing policies and programs to ensure communities have a full range of tools available to meet the housing needs of all residents and income levels and expand opportunities for households of modest means to live closer to work, services and transit Support reauthorization of Oregon Brownfield Redevelopment Fund Near-term (2017-20) Seek opportunities to leverage local, regional, state and federal funding to achieve local visions and the region's desired outcomes Share brownfield redevelopment expertise with
	and the region's desired outcomes	redevelopment	redevelopment	local governments and expand leadership role in
	☐ Provide increased funding and incentives to local	☐ Maintain a compact urban growth boundary	☐ Develop concept plans for new urban areas in	making brownfield sites development ready

		RECOMMENDED TOOLBOX C		December 9, 2014
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	WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	WHAT CAN SPECIAL DISTRICTS DO? (e.g., transit providers, Port districts, parks providers, etc.)
	governments, developers and non-profits to encourage brownfield redevelopment and transit-oriented development to help keep urban areas compact	 □ Review functional plans and amend as needed to implement Climate Smart Strategy Near-term (2017-20) □ Seek opportunities to leverage local, regional, state and federal funding to achieve local visions and the region's desired outcomes □ Expand on-going technical assistance and grant funding to local governments, developers and others to advance implementation of local land use plans and incorporate travel information and incentives, transportation system management and operations strategies, parking management approaches and transit-oriented development in local plans and projects □ Convene regional brownfield coalition and strengthen regional brownfields program by providing increased funding and technical assistance to local governments to leverage the investment of private and non-profit developers □ Leverage Metro's public investments to maintain and create affordable housing options in areas served with frequent transit service □ Support increased funding for affordable housing, particularly along corridors with frequent transit service 	ways that further the region's efforts in achieving greenhouse gas emissions reductions, such as planning for complete communities with walking, biking and transit to reduce or eliminate vehicle trips for daily needs Near-term (2017-20) Pursue opportunities to locate higher-density residential development near activity centers such as parks and recreational facilities, commercial areas, employment centers, and transit Locate new schools, services, shopping, and other health promoting resources and community destinations in activity centers Seek opportunities to leverage local, regional, state and federal funding to achieve local visions and the region's desired outcomes Develop brownfield redevelopment plans and leverage local funding to seek state and federal funding and create partnerships that leverage the investment of private and non-profit developers	
2. Make transit convenient, frequent, accessible and affordable	 Immediate (2015-16) □ Begin update to Oregon Public Transportation Plan □ Increase state funding for transit service □ Maintain existing intercity passenger rail service and develop proposals for improvement of speed, frequency and reliability □ Provide technical assistance and funding to help establish local transit service Near-term (2017-20) □ Adopt Oregon Public Transportation Plan with funding strategy to implement □ Begin implementation of incremental improvements to intercity passenger rail service □ Make funding for access to transit a priority 	 Immediate (2015-16) □ Work with elected officials and community and business leaders at local, regional and state levels to: Seek and advocate for new, dedicated funding mechanism(s) Seek transit funding from Oregon Legislature Consider local funding mechanism(s) for local and regional transit service Support state efforts to consider carbon pricing Fund reduced fare programs and service improvements for transit dependent communities, such as youth, older adults, people with disabilities and low-income families □ Research and develop best practices that support equitable growth and development near transit without displacement, including strategies that provide for the retention and creation of 	Immediate (2015-16) ☐ Support and/or participate in efforts to build transportation funding coalition ☐ Participate in development of TriMet Service Enhancement Plans (SEPs): ○ Provide more community to community transit connections ○ Identify community-based public and private shuttles that link to regional transit service ○ Link service enhancements to areas with transit-supportive development, communities of concern¹, and other locations with high ridership potential ○ Use ridership demographics in service planning ☐ Consider local funding mechanism(s) for local and regional transit service Near-term (2017-20) ☐ Make funding for access to transit a priority ☐ Complete gaps in pedestrian and bicycle access	Immediate (2015-16) ☐ Support and/or participate in efforts to build transportation funding coalition ☐ Expand transit payment options (e.g., electronic e-fare cards) to increase affordability, convenience and flexibility ☐ Seek state funding sources for transit and alternative local funding mechanisms ☐ Complete development of TriMet Service Enhancement Plans (SEPs): ○ Provide more community to community transit connections ○ Identify community-based public and private shuttles that link to regional transit service ○ Link service enhancements to areas with transit-supportive development, communities of concern, and other locations with potential high ridership potential ○ Use ridership demographics in service planning

¹ The 2014 Regional Transportation Plan defines communities of concern as people of color, people with limited English proficiency, people with low-income, older adults, and young people.

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		businesses and affordable housing near transit Update Regional High Capacity Transit System Plan Near-term (2017-20) Support reduced fares and service improvements for low-income families and individuals, youth, older adults and people with disabilities through testimony, endorsement letters or similar means Make funding for access to transit a priority	to transit Expand partnerships with transit agencies to implement capital improvements in frequent bus corridors (including dedicated bus lanes, stop/shelter improvements, and intersection priority treatments) to increase service performance Implement plans and zoning that focus higher density, mixed-use zoning and development near transit Partner with transit providers and school districts to seek resources to support youth pass program and expand reduced fare program to low-income families and individuals Support reduced fares and service improvements for low-income families and individuals, youth, older adults and people with disabilities through testimony, endorsement letters or similar means Convert school bus and transit fleets to electric and/or natural gas buses	Near-term (2017-20) □ Expand partnerships with cities, counties and ODOT to implement capital improvements in frequent bus corridors (including dedicated bus lanes, stop/shelter improvements, and intersection priority treatments) to increase service performance □ Partner with local governments and school districts to seek resources to support youth pass program and expanding reduced fare program to low-income families and individuals □ Expand transit service to serve communities of concern, transit-supportive development and other potential high ridership locations, etc. □ Improve and increase the availability of transit route and schedule information □ Convert school bus and transit fleets to electric and/or natural gas buses □ Expand and sustain youth pass program, including expanding routes and frequency along school corridors □ Support transit partners in seeking federal grants and increased state funding for electric and other low-carbon alternative fuel buses □ Seek increased funding flexibility to allow for greater upfront capital spending on electric and other low-carbon alternative fuel buses if those expenses are offset by operating savings	
3. Make biking and walking safe	Immediate (2015-16)	Immediate (2015-16)	Immediate (2015-16)	Immediate (2015-16)	
and convenient	 □ Adopt Oregon Bicycle and Pedestrian Plan with funding strategy □ Seek and advocate for new, dedicated funding mechanism(s) for active transportation projects □ Advocate for use of Connect Oregon funding for active transportation projects □ Review driver's education training materials and certification programs and make changes to increase awareness of bicycle and pedestrian safety □ Complete Region 1 Active Transportation Needs inventory □ Maintain commitment to funding Safe Routes to School programs statewide □ Fund Safe Routes to Transit programs □ Adopt a complete streets policy □ Partner with local governments to conduct sitespecific evaluations from priority locations 	 □ Fund construction of active transportation projects as called for in air quality transportation control measures □ Advocate for use of Connect Oregon funding for active transportation projects □ Build a diverse coalition that includes elected officials and community and business leaders at local, regional and state levels working together to: ○ Build local and state commitment to implement Active Transportation Plan, and Safe Routes to Schools and Safe Routes to Transit programs ○ Seek and advocate for new, dedicated funding mechanism(s) ○ Advocate to maintain eligibility in federal formula programs (i.e., NHPP, STP, CMAQ) and discretionary programs (New Starts, 	 □ Continue implementing adopted transportation system plans □ Support and/or participate in efforts to build transportation funding coalition □ Advocate for use of Connect Oregon funding for active transportation projects □ Leverage local funding with development for active transportation projects □ Seek opportunities to coordinate local investments with investments being made by special districts, park providers and other transportation providers □ Seek and advocate for new, dedicated funding mechanism(s) □ Seek opportunities to implement Regional Transportation Safety Plan recommendations in planning, project development and development review activities 	 □ Support and/or participate in efforts to build transportation funding coalition □ Advocate for use of Connect Oregon funding for active transportation projects □ Complete Port of Portland 2014 Active Transportation Plan for Portland International Airport □ Prepare a TriMet Bicycle Plan Near-term (2017-20) □ Invest in trails that increase equitable access to transit, services and community destinations □ Adopt a Vision Zero strategy for eliminating traffic fatalities 	

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identified in the ODOT Pedestrian Safety Implementation Plan Improve bicycle and pedestrian or collection Support local and regional health assessments Near-term (2017-20) Adopt a Vision Zero strategy for e traffic fatalities Provide technical assistance and e funding to support development complete streets policies and des Expand existing funding for active investments Simplify and clarify policy on e-bil lanes and other infrastructure	Seek opportunities to implement Regional Transportation Safety Plan recommendations in planning, project development and development review activities Near-term (2017-20) Provide technical assistance and planning grants to support development and adoption of complete streets policies and designs in local planning and project development activities Review the regional transportation functional plan and make amendments needed to implement the Regional Active Transportation Plan	Near-term (2017-20) □ Develop and maintain a city/county-wide active transportation network of sidewalks, on- and off-street bikeways, and trails to provide connections between neighborhoods, schools, civic center/facilities, recreational facilities, transit centers, bus stops, employment areas and major activity centers □ Build infrastructure and urban design elements that facilitate and support bicycling and walking (e.g., completing gaps, crosswalks and other crossing treatments, wayfinding signs, bicycle parking, bicycle sharing programs, lighting, separated facilities) □ Invest to equitably complete active transportation network gaps in centers and along streets that provide access to transit stops, schools and other community destinations □ Link active transportation investments to providing transit and travel information and incentives □ Partner with ODOT to conduct site-specific evaluations from priority locations identified in the ODOT Pedestrian and Bicycle Safety Implementation Plan □ Expand Safe Routes to Schools programs to include high schools and Safe Routes to Transit □ Adopt a Vision Zero strategy for eliminating traffic fatalities □ Adopt "complete streets" policies and designs to support all users □ Establish local funding pool to leverage state and	

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	WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	WHAT CAN SPECIAL DISTRICTS DO? (e.g., transit providers, Port districts, parks providers, etc.)
4. Make streets and highways safe, reliable and connected	Immediate (2015-16) Maintain existing highway network to improve traffic flow Increase state gas tax (indexed to inflation and fuel efficiency) Update the Oregon Transportation Safety Action Plan Review driver's education training materials and certification programs and make changes to increase awareness of safety for all system users Near-term (2017-20) Work with Metro and local governments to consider alternative performance measures Integrate multi-modal designs in road improvement and maintenance projects to support all users Adopt a Vision Zero strategy for eliminating traffic fatalities Pilot new pavement and hard surface materials proven to help reduce infrastructure-related heat gain Use green street designs that include tree plantings to support carbon sequestration Optimize built road capacity through improved geometric design and other operational improvements to address bottlenecks and improve traffic flow on existing multi-modal arterials	Immediate (2015-16) □ Build a diverse coalition that includes elected officials and community and business leaders at local, regional and state levels working together to: ○ Support state and federal efforts to increase gas tax (indexed to inflation and fuel efficiency) ○ Support state and federal efforts to implement mileage-based road usage charge program □ Seek opportunities to implement Regional Transportation Safety Plan recommendations in planning, project development and development review activities Near-term (2017-20) □ Work with ODOT and local governments to consider alternative performance measures □ Provide technical assistance and grant funding to support integrated transportation system management operations strategies in local plans, projects and project development activities □ Update and fully implement Regional Transportation Safety Plan □ Adopt a Vision Zero strategy for eliminating traffic fatalities □ Update best practices in street design and complete streets, including: ○ Develop a complete streets checklist ○ Provide design guidance to minimize air pollution exposure for bicyclists and pedestrians ○ Use of green street designs that include tree plantings to support carbon sequestration ○ Identify new pavement and hard surface materials proven to help reduce infrastructure-related heat gain	Immediate (2015-16) ☐ Continue implementing adopted transportation system plans ☐ Maintain existing street network to improve traffic flow ☐ Support and/or participate in efforts to build transportation funding coalition ☐ Seek opportunities to implement Regional Transportation Safety Plan recommendations in planning, project development and development review activities Near-term (2017-20) ☐ Work with ODOT and Metro to consider alternative performance measures ☐ Support railroad grade separation projects in corridors to allow for longer trains and less delay/disruption to other users of the system ☐ Invest in making new and existing streets complete and connected to support all users ☐ Integrate multi-modal designs in road improvement and maintenance projects to support all users ☐ Adopt a Vision Zero strategy for eliminating traffic fatalities ☐ Pilot new pavement and hard surface materials proven to help reduce infrastructure-related heat gain ☐ Use green street designs that include tree plantings to support carbon sequestration ☐ Optimize built road capacity through improved geometric design and other operational improvements to address bottlenecks and improve traffic flow on existing multi-modal arterials	Near-term (2017-20) □ Support and/or participate in efforts to build transportation funding coalition □ Support railroad grade separation projects in corridors to allow for longer trains and less delay/disruption to other users of the system
5. Use technology to actively manage the transportation system	 Immediate (2015-16) ☐ Integrate transportation system management and operations strategies into project development activities ☐ Expand deployment of intelligent transportation systems (ITS), including active traffic management, incident management and traveler information programs ☐ Partner with cities, counties and TriMet to expand deployment of transit signal priority 	 Immediate (2015-16) □ Continue implementing Regional Transportation System Management and Operations Action Plan □ Seek Metro Council/JPACT commitment to invest more in transportation system management and operations (TSMO) projects using regional flexible funds □ Advocate for increased state commitment to invest more in TSMO projects using state funds □ Pursue opportunities and funding for pilot 	 Immediate (2015-16) □ Continue implementing adopted transportation system plans □ Advocate for increased regional and state commitment to invest more in TSMO projects using regional and state funds □ Pursue opportunities and funding for pilot projects that help establish the region as a living laboratory for sustainable and multi-modal intelligent transportation systems (ITS) 	Near-term (2017-20) □ Partner with cities, counties and ODOT to expand deployment of transit signal priority along corridors with 15-minute or better transit service □ Pursue opportunities and funding for pilot projects that help establish the region as a living laboratory for sustainable and multi-modal intelligent transportation systems (ITS)

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	along corridors with 15-minute or better transit service Pursue opportunities and funding for pilot projects that help establish the region as a living laboratory for sustainable and multi-modal intelligent transportation systems (ITS)	projects that help establish the region as a living laboratory for sustainable and multi-modal intelligent transportation systems (ITS) Near-term (2017-20) □ Build capacity and strengthen interagency coordination □ Provide technical assistance and grant funding to integrate transportation system management operations strategies in local plans, project development, and development review activities □ Update Regional TSMO Strategic Plan by 2018	Near-term (2017-20) □ Expand deployment of intelligent transportation systems (ITS), including active traffic management, incident management and travel information programs and coordinate with capital projects □ Partner with TriMet to expand deployment of transit signal priority along corridors with 15-minute or better transit service □ Complete an inventory of the installed intelligent transportation systems (ITS) along arterials to help prioritize areas where limited funding could best be directed to increase roadway performance	
6. Provide information and incentives to expand the use of travel options	Immediate (2015-16) ☐ Adopt Statewide Transportation Options Plan with funding strategy to implement ☐ Deploy statewide eco-driving educational effort, including integration of eco-driving information in driver's education training courses, Oregon Driver's education manual and certification programs ☐ Review EcoRule to identify opportunities to improve effectiveness ☐ Increase state capacity and staffing to support on-going EcoRule implementation and monitoring ☐ Deploy video conferencing, virtual meeting technologies and other communication technologies to reduce business travel needs ☐ Partner with TriMet, SMART and media partners to link the Air Quality Index to transportation system information outlets Near-term (2017-20) ☐ Promote and provide information, recognition, funding and incentives to encourage commuter programs and individualized marketing to provide employers, employees and residents information and incentives to use travel options ☐ Integrate transportation demand management practices into planning, project development, and development review activities ☐ Establish a state vanpool strategy that addresses urban and rural transportation needs ☐ Integrate promotion of workplace charging, carsharing, and new people mover services into employer-based outreach programs that	Immediate (2015-16) ☐ Continue implementing Regional Travel Options Strategic Plan ☐ Seek Metro Council/JPACT commitment to invest more regional flexible funds to expand direct services and funding provided to local partners (e.g., local governments, transportation management associations, and other non-profit and community-based organizations) to implement expanded education, recognition and outreach efforts in coordination with other capital investments ☐ Provide funding and partner with community-based organizations to develop culturally relevant information materials ☐ Develop best practices on how to integrate transportation demand management in local planning, project development, and development review activities ☐ Integrate transportation demand management practices into planning, project development ad development review activities Near-term (2017-20) ☐ Expand on-going technical assistance and grant funding to local governments, transportation management associations, business associations and other non-profit organizations to incorporate travel information and incentives in local planning and project development activities and at worksites ☐ Establish an on-going individualized marketing program that targets deployment in conjunction with capital investments being made in the	Immediate (2015-16) ☐ Continue implementing adopted transportation system plans ☐ Advocate for increased state and regional funding to expand direct services provided to local partners (e.g., local governments, transportation management associations, and other non-profit organizations) to support expanded education, recognition and outreach efforts in coordination with other capital investments ☐ Host citywide and community events like Bike to Work Day and Sunday Parkways Near-term (2017-20) ☐ Integrate transportation demand management practices into planning, project development, and development review activities ☐ Provide incentives for new development over a specific trip generation threshold to provide travel information and incentives to support achievement of EcoRule and mode share targets adopted in local and regional plans ☐ Partner with businesses and/or business associations and transportation management programs in employment areas and centers served with active transportation options, 15-minute or better transit service, and parking management ☐ Expand local travel options program delivery through new coordinator positions and partnerships with business associations, transportation management associations, and	Immediate (2015-16) ☐ Expand employer program capacity and staffing to support expanded education, recognition and outreach efforts The program capacity and staffing to support expanded education, recognition and outreach efforts

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	WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	WHAT CAN SPECIAL DISTRICTS DO? (e.g., transit providers, Port districts, parks providers, etc.)
	encourage transit, walking, bicycling and carpooling Integrate education about vehicle and fuel efficiency into public awareness strategies such as eco-driving promotion Integrate education about carsharing programs into public awareness strategies	region Begin update to Regional Travel Options Strategic Plan in 2018 Clarify that e-bikes are part of the regional toolkit of travel options Encourage regional carsharing services to increase their use of electric vehicles and other clean fuel alternatives Integrate promotion of workplace charging, carsharing, and new people mover services into employer-based outreach programs that encourage transit, walking, bicycling and carpooling Integrate education about vehicle and fuel efficiency into public awareness strategies such as eco-driving promotion Integrate education about carsharing programs into public awareness strategies	other non-profit and community-based organizations	
7. Manage parking to make efficient use of vehicle parking and land dedicated to parking spaces	Immediate (2015-16) ☐ Provide technical assistance and grant funding to support development of parking management plans at the local and regional level ☐ Distribute "Parking Made Easy" handbook and provide technical assistance, planning grants, model code language, education and outreach ☐ Increase safe, secure and convenient bicycle parking Near-term (2017-20) ☐ Provide preferential parking for electric vehicles, vehicles using alternative fuels and carpools ☐ Prepare inventory of state-owned public parking spaces and usage ☐ Provide monetary incentives such as parking cash-out and employer buy-back programs ☐ Develop and support pilot projects and model planning approaches to encourage highly visible charging infrastructure on-street and in the public right-of-way ☐ Join the Workplace Charging Challenge as a partner	Immediate (2015-16) □ Expand on-going technical assistance to local governments, developers and others to incorporate parking management approaches in local plans and projects Near-term (2017-20) □ Pilot projects to develop model parking management plans and model ordinances for different development types □ Research and update regional parking policies and best practices to more comprehensively reflect the range of parking approaches available for different development types and to incorporate goals beyond customer access, such as: ○ linking parking approaches to the level of transit service and active transportation options provided ○ use of priced parking as a revenue source to help fund travel information and incentives programs, active transportation projects and transit service ○ linking parking policies in mixed-use transit corridors and centers with maintaining and providing affordable housing □ Amend Title 6 of Regional Transportation Functional Plan to update regional parking map and reflect updated regional parking policies □ Join the Workplace Charging Challenge as a	Immediate (2015-16) ☐ Consider charging for parking in high usage areas served by 15-minute or better transit service and active transportation options Near-term (2017-20) ☐ Prepare community inventory of public parking spaces and usage ☐ Adopt shared and unbundled parking policies ☐ Require or provide development incentives for developers to separate parking from commercial space and residential units in lease and sale agreements ☐ Provide preferential parking for electric vehicles, vehicles using alternative fuels and carpools ☐ Require or provide development incentives for large employers to offer employees a parking cash-out option where the employee can choose a parking benefit, a transit pass or the cash equivalent of the benefit ☐ Increase safe, secure and convenient bicycle parking ☐ Reduce requirements for off-street parking and establish off-street parking supply maximums, as appropriate, enacting and adjusting policies to minimize spillover impacts in adjacent areas ☐ Prepare parking management plans tailored to 2040 centers served by high capacity transit (existing and planned) ☐ Join the Workplace Charging Challenge as a	Near-term (2017-20) Provide preferential parking for electric vehicles, vehicles using alternative fuels and carpools Increase safe, secure and convenient bicycle parking Join the Workplace Charging Challenge as a partner Develop and support pilot projects and model planning approaches to encourage highly visible charging infrastructure on-street and in the public right-of-way

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		partner □ Develop and support "charging oases" with multiple chargers, modeled on the Electric Avenue project at Portland State University □ Convene regional transportation and planning officials to develop strategies for developing cost-effective charging infrastructure that also reinforces regional planning goals	partner □ Develop and support pilot projects and model planning approaches to encourage highly visible charging infrastructure on-street and in the public right-of-way □ Support efforts in new development (particularly multi-family housing and large parking lots) to install conduit for future charging of 20% or more parking spaces (see similar standards in Hawaii and California)	
8. Secure adequate funding for transportation investments	Immediate (2015-16) ☐ Preserve local options for raising revenue to ensure local communities have a full range of financing tools available to adequately fund current and future transportation needs ☐ Seek and advocate for new, dedicated funding mechanism(s) for active transportation and transit ☐ Research and consider carbon pricing models to generate new funding for clean energy, transit and active transportation, alleviating regressive impacts to businesses and communities of concern ☐ Increase state gas tax (indexed to inflation and fuel efficiency) ☐ Implement a mileage-based road usage charge program as called for in Senate Bill 810 Near-term (2017-20) ☐ Expand funding available for active transportation and transit investments ☐ Broaden implementation of the mileage-based road usage charge	Immediate (2015-16) ☐ Update research on regional infrastructure gaps and potential funding mechanisms to inform communication materials that support engagement activities and development of a funding strategy to meet current and future transportation needs ☐ Build a diverse coalition that includes elected officials and community and business leaders at local, regional and state levels working together to: ☐ Seek and advocate for funding the adopted RTP ☐ Advocate for local revenue raising options ☐ Seek and advocate for new, dedicated funding mechanism(s) for transit and active transportation ☐ Seek transit and active transportation funding from Oregon Legislature ☐ Seek funding for road connections/improvements that will support multi-modal transportation ☐ Consider local funding mechanism(s) for local and regional transit service ☐ Support state efforts to research and consider carbon pricing models ☐ Build local and state commitment to implement Active Transportation Plan, and Safe Routes to Schools (including high schools) and Safe Routes to Transit programs ☐ Support state and federal efforts to increase gas tax (indexed to inflation and fuel efficiency) ☐ Support state and federal efforts to implement road usage charge program	Immediate (2015-16) Support and/or participate in efforts to build transportation funding coalition Advocate for local revenue raising options Support state efforts to implement a mileage-based road usage charge program Support state efforts to research and consider carbon pricing models Consider local funding mechanism(s) for local and regional transportation needs, including transit service and active transportation Near-term (2017-20) Work with local, regional and state partners, including elected officials and business and community leaders, to develop a funding strategy to meet current and future transportation needs	Immediate (2015-16) □ Support and/or participate in efforts to build transportation funding coalition □ Advocate for local revenue raising options □ Seek and advocate for new, dedicated funding mechanism(s) for active transportation and transit □ Support state efforts to research and consider carbon pricing models Near-term (2017-20) □ Work with local, regional and state partners, including elected officials and business and community leaders, to develop a funding strategy to meet current and future transportation needs

Support Oregon's transition to cleaner, low carbon fuels, more fuel-efficient vehicles and pay-as-you-drive insurance Realtwork feelectric mobility, and to other endeavors that advance alternative fuel eyelic flavly fleet Provider unding to Drive Oregon and the Energize Oregon Coalition to cleaner and the Energize Oregon of Coalition to cleaner for promoted by Drive Oregon and the Energize Oregon Coalition as a member organization and participate as an active partner in promoted by Drive Oregon and the Energize Oregon Coalition as a member organization and participate as an active partner in promoted by Drive Oregon and the Energize Oregon Coalition as a member organization and participate as an active partner in promoted petchric vehicle readiness and deployment [2017-20] Lead by example by increasing public AFV fleet provider unding assumptions related to fleet and technology advancements Support flee (2015-16) Immediate (2015-16) Support flee distincts on the Oregon Clean Fuels Program Support the Oregon Zero Emission Vehicle Program Support Technology and Advanced Export Program Support Techn	POLICY		TOOLBOX OF POSSIBL	E ACTIONS (2015-2020)	
to cleaner, low carbon fuels, more fuel-efficient vehicles and pay-as-you-drive insurance Reauthorize Oregon Clean Fuels Program Support reauthorization of the Oregon Clean Fuels Program Support the Oregon Zero Emission Vehicle Program Support the Oregon Clean fuels to the Institute of the Support Section of Program Support the Oregon Clean fuels to Program Support the Oregon Clean Support Section Fuels Program Support the Oregon Clean Support Section Fuels Program Support Secti		WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	
purchase new AFVS Increase Metro fleet use of electric vehicles, savings of driving more fuel-efficient vehicles savings of driving more fuel-efficient vehicle charging and compressed natural gas (CNG) stations and infrastructure in residences, work places and public places Encourage private fleets to purchase, lease or rent AFVs Develop model code for electric and CNG vehicle charging and fueling station installations Promote AFV infrastructure end partnerships with businesses Provide clear and accurate signage to direct AFV users to charging and fueling stations and parking Provide clear and accurate signage to direct AFV users to charging and fueling stations and parking Provide clear and accurate signage to direct AFV Provide clear and accur	to cleaner, low carbon fuels, more fuel-efficient vehicles and	 □ Reauthorize Oregon Clean Fuels Program □ Implement Oregon Zero Emission Vehicle Program and Multi-State Zero Emission Vehicle Action Plan in collaboration with California and other states □ Lead by example by increasing the public alternative fuel vehicle (AFV) fleet □ Provide funding to Drive Oregon to advance electric mobility, and to other endeavors that advance alternative fuels □ Work with insurance companies to offer and encourage pay-as-you-drive insurance □ Support renewal of Oregon's tax credits for charging stations and other alternative fueling infrastructure □ Support legislation being promoted by Drive Oregon and the Energize Oregon Coalition to create a purchase rebate for electric vehicles □ Join Drive Oregon an Energize Oregon Coalition as a member organization and participate as an active partner in promoting electric vehicle readiness and deployment □ Review the state greenhouse gas emissions reduction targets, including assumptions related to fleet and technology advancements Near-term (2017-20) □ Provide consumer and business incentives to purchase new AFVs □ Expand communication efforts about the cost savings of driving more fuel-efficient vehicles □ Promote and provide information, funding and incentives to encourage the provision of electric vehicle charging and compressed natural gas (CNG) stations and infrastructure in residences, work places and public places □ Encourage private fleets to purchase, lease or rent AFVs □ Develop model code for electric and CNG vehicle infrastructure and partnerships with businesses □ Remove barriers to electric and CNG vehicle charging and fueling station installations □ Promote AFV infrastructure planning and investment by public and private entities □ Provide clear and accurate signage to direct AFV users to charging an	 □ Support reauthorization of the Oregon Clean Fuels Program □ Support the Oregon Zero Emission Vehicle Program □ Support renewal of Oregon's tax credits for charging stations and other alternative fueling infrastructure □ Support legislation being promoted by Drive Oregon and the Energize Oregon Coalition to create a purchase rebate for electric vehicles □ Join Drive Oregon an Energize Oregon Coalition as a member organization and participate as an active partner in promoting electric vehicle readiness and deployment Near-term (2017-20) □ Lead by example by increasing public AFV fleet □ Support state efforts to build public acceptance of pay-as-you-drive insurance □ Expand communication efforts about the cost savings of driving more fuel-efficient vehicles □ Partner with state agencies to hold regional planning workshops to educate local governments on AFV opportunities □ Develop AFV readiness strategy for region in partnership with local governments, state agencies, electric and natural gas utilities, non-profits and others □ Increase Metro fleet use of electric vehicles, including non-passenger cars (e-bikes and utility vehicles) □ Expand availability of charging at Metro venues (Oregon Zoo, Expo Center, Convention Center, 	□ Support reauthorization of the Oregon Clean Fuels Program □ Support the Oregon Zero Emission Vehicle Program □ Update development codes to streamline/incent/encourage the installation of electric vehicles charging stations, alternative fueling stations and infrastructure, particularly new buildings □ Support renewal of Oregon's tax credits for charging stations and other alternative fueling infrastructure □ Support legislation being promoted by Drive Oregon and the Energize Oregon Coalition to create a purchase rebate for electric vehicles □ Join Drive Oregon an Energize Oregon Coalition as a member organization and participate as an active partner in promoting electric vehicle readiness and deployment Near-term (2017-20) □ Lead by example by increasing public AFV fleet □ Expand communication efforts about the cost savings of driving more fuel-efficient vehicles □ Pursue grant funding and partners to expand the growing network of electric vehicle fast charging stations and publicly accessible CNG stations □ Partner with local dealerships, Department of Energy (DOE) Clean Cities programs, non-profit organizations, businesses and others to incorporate AFV outreach and education events for consumers in conjunction with such events as Earth Day celebrations, National Plug-In Day and the DOE/Drive Oregon Workplace Charging Challenge □ Update development codes and encourage new construction to include necessary infrastructure	Immediate (2015-16) ☐ Support reauthorization of the Oregon Clean Fuels Program ☐ Support the Oregon Zero Emission Vehicle Program Near-term (2017-20) ☐ Provide electric vehicle charging and CNG stations in public places (e.g., park-and-rides, parking garages)

POLICY		TOOLBOX OF POSSIBLE	E ACTIONS (2015-2020)	
	WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	WHAT CAN SPECIAL DISTRICTS DO? (e.g., transit providers, Port districts, parks providers, etc.)
	 Expand communication efforts to promote AFV tourism activities Continue participation in the Pacific Coast Collaborative, Western Climate Initiative, and West Coast Green Highway Initiative and partner with members of Energize Oregon coalition Track and report progress toward adopted state goals related to greenhouse gas emissions reductions and AFV deployment Provide incentives and information to expand use of pay-as-you-drive insurance and report on progress 			
10. Demonstrate leadership on climate change	Immediate (2015-16) ☐ Update the 2017-20 Statewide Transportation Improvement Program (STIP) allocation process to address the Statewide Transportation Strategy (STS) Vision and STS Short-Term Implementation Plan actions ☐ Support local government and regional planning for climate change mitigation Near-term (2017-20) ☐ Amend the Oregon Transportation Plan to address the Statewide Transportation Strategy Vision ☐ Update statewide greenhouse gas emissions inventory and track progress toward adopted greenhouse gas emissions reduction goals ☐ Through the Oregon Modeling Steering Committee, collaborate on appropriate tools to support greenhouse gas reduction planning ☐ Report on the potential greenhouse gas emissions impacts of policy, program and investment decisions	Participate in local, regional and national panels and presentations to share the outcomes and recommendations of the Climate Smart Strategy Seek Metro Council/JPACT commitment to address the Climate Smart Strategy in the policy update for the 2018-21 Metropolitan Transportation Improvement Program (MTIP) and the 2019-21 Regional Flexible Fund Allocation (RFFA) process Continue participating In the Oregon Modeling Steering Committee Health and Transportation subcommittee to make recommendations to ODOT on tools and methods to support future health assessments by local, regional and state partners	Immediate (2015-16) ☐ Review the Toolbox of Possible Actions to identify actions that are already being implemented and new actions public officials are willing to implement Near-term (2017-20) ☐ Sign U.S. Conference of Mayors Climate Protection Agreement ☐ Prepare and periodically update community-wide greenhouse gas emissions inventory ☐ Report on the potential greenhouse gas emissions impacts of policy, program and investment decisions ☐ Adopt greenhouse gas emissions reduction policies and performance targets ☐ Develop and implement local climate action plans	Near-term (2017-20) Prepare and periodically update greenhouse gas emissions inventory of transportation operations Report on the potential greenhouse gas emissions impacts of policy, program and investment decisions Adopt greenhouse gas emissions reduction policies and performance targets

POLICY		TOOLBOX OF POSSIB	LE ACTIONS (2015-2020)	
	WHAT CAN THE STATE DO?	WHAT CAN METRO DO?	WHAT CAN CITIES AND COUNTIES DO?	WHAT CAN SPECIAL DISTRICTS DO? (e.g., transit providers, Port districts, parks providers, etc.)
		 Report on the potential greenhouse gas emissions impacts of policy, program and investment decisions Encourage development and implementation of local climate action plans 		