

# ODOT CARBON REDUCTION PROGRAM

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# AGENDA

- Carbon Reduction Program
  - ODOT Carbon Reduction Strategy
  - 2023 Call for Projects
  - Questions and Next Steps
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- Housekeeping
    - Please mute your microphone
    - Questions in the chat or at the end



# CARBON REDUCTION PROGRAM

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## BIPARTISAN INFRASTRUCTURE LAW (BIL)

- BIL created a new Carbon Reduction Program (CRP) to reduce carbon emissions
- Oregon will receive a total of \$82 million for FY 2022-2026
- Funds for projects in:
  - Transportation Management Areas
  - Small Urban and Rural Areas
  - Statewide
- Requires Carbon Reduction Strategy

# FUNDING BREAKDOWN

## CRP Funding FY22-FY26

TMA (Portland, Salem, and Eugene)	\$28.5 million
Small Urban and Rural Areas	\$24.1 million
Statewide	\$29.8 million
<b>Total:</b>	<b>\$82.4 million</b>

\*Local match is required. Federal-aid requirements for project delivery apply.



# ODOT CARBON REDUCTION STRATEGY

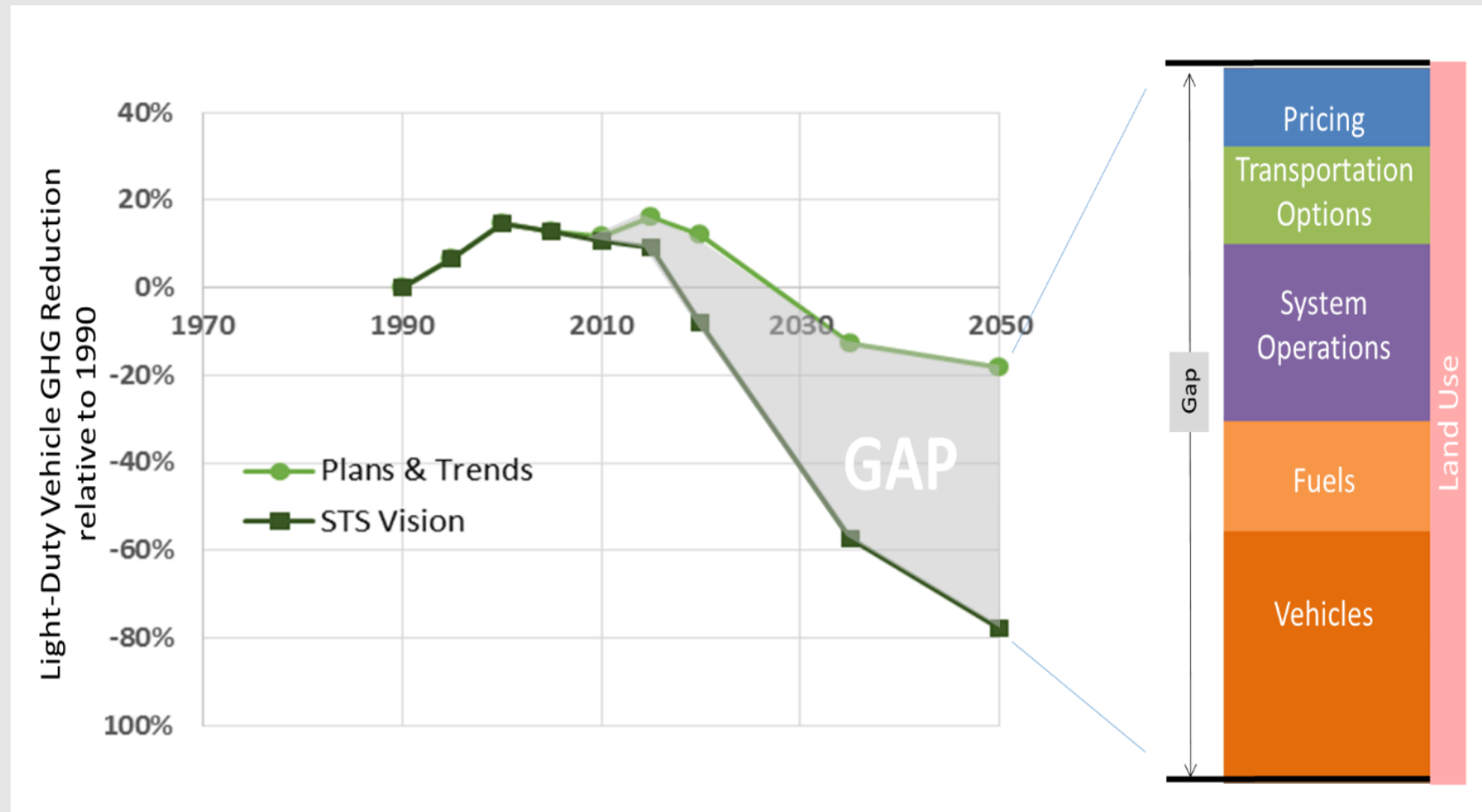
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## BACKGROUND

- Transportation accounts for about 40% of greenhouse gas emissions in Oregon.
- GHG emissions will exacerbate climate change with increasing impacts on weather, people, plants, and animals.
- Flooding, landslides and wildfires are becoming more frequent and intense. They damage infrastructure and negatively affect where we live, work and play.
- ODOT is committed to reducing GHG. We follow the Statewide Transportation Strategy (STS) for GHG reduction.

# CLOSING THE EMISSIONS GAP





# ODOT CARBON REDUCTION STRATEGY

- Support efforts to reduce transportation emission
  - Alternatives to single occupant vehicle trips
  - Vehicles or modes that result in lower transportation emissions per passenger mile traveled
  - Construction practices that result in lower emissions
- Existing *Statewide Transportation Strategy: 2050 GHG Vision (STS)* is OR's framework for reducing transportation GHG emissions - since 2012
  - Consultation Group (TMAs, MPOs and stakeholders)



# IDENTIFIED STRATEGIES

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**Vehicle and Fuel Technology:** Increase the operating efficiency of multiple transportation modes through transitions to more fuel-efficient vehicles, fuels that produce fewer GHG emissions or have lower carbon intensity, and improvements in engine technologies.

**Transportation Options:** Encourage a shift to transportation modes that produce fewer emissions and provide for more efficient movement of people and goods.

**System Operations:** Improve the operations of the transportation system and efficiency for all modes through technology, infrastructure investments, and operations management.

**Pricing:** Identify sustainable funding sources to maintain and operate the transportation system, provide market incentives for developing and implementing efficient ways to reduce emissions, and to help pay for environmental costs.

# PRIORITY PROJECT TYPES

- Vehicle and Fuel Technology
  - Adoption of alternative fuel vehicles that produce less emissions
  - Increase availability of electric (EV) charging infrastructure
  - Support transit or public fleets to transition to electric vehicles or low emission fuels.
- Transportation Options
  - Expand public transportation service, connectivity to transit stops and operations (including vanpool programs)
  - Implement Transportation Demand Management programs
  - Invest in strategic active transportation and public transit networks
  - Support shared mobility



# PRIORITY PROJECT TYPES

- System Operations
  - Invest in traffic management and intersection technologies that reduce greenhouse gas emissions
  - Expand intelligent transportation system (ITS) technologies that reduce greenhouse gas emissions
  - Reduce greenhouse gas emissions from agency operations, materials, and fuels
- Pricing
  - Support methods to price roadway systems with considerations for equity impacts, location, and recovering costs from environmental impacts.



# PROJECT SELECTION CRITERIA

- **Climate Benefits (60 pts)** – Does the project effectively reduce greenhouse gas emissions from transportation?
- **Local Support and Engagement (10 pts)** – What is the level of community commitment and support for the project?
- **Equity (10 pts)** – Does this project mitigate impacts from emissions or reduce barriers and increase benefits to historically disadvantaged communities?
- **Opportunities and Innovation (10 pts)** – Will this project provide for new opportunities to reduce emissions, include innovative components, expand multimodal or micro-mobility options, or target parts of the sector that have been slower to decarbonize?
- **Project Readiness (10 pts)** – Does the agency have a plan for implementation, construction and/or maintenance of the project?





## CONSIDERATIONS

- Projects must reduce greenhouse gas emissions
- Projects that have the potential to reduce more emissions and/or reduce emissions sooner will be more likely to be funded
- Strategic active transportation investments



# 2023 CALL FOR PROJECTS

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## SMALL URBAN AND RURAL CALL FOR PROJECTS

- Urban and Rural areas with less than 200,000 residents
- Call for Projects (February 28–May 31)
- ~\$13 million for first round (Second round in 2024)
- Cities, Counties, Tribal Governments and Transportation Agencies are eligible



## MATCH AND PROJECT SIZE

- Match for projects will be 10.27%
- Projects on Indian Reservations and in National Parks are eligible for 100% federal share
- Maximum project size will be the urbanized area funding limit
- Federal dollars are less effective for small projects

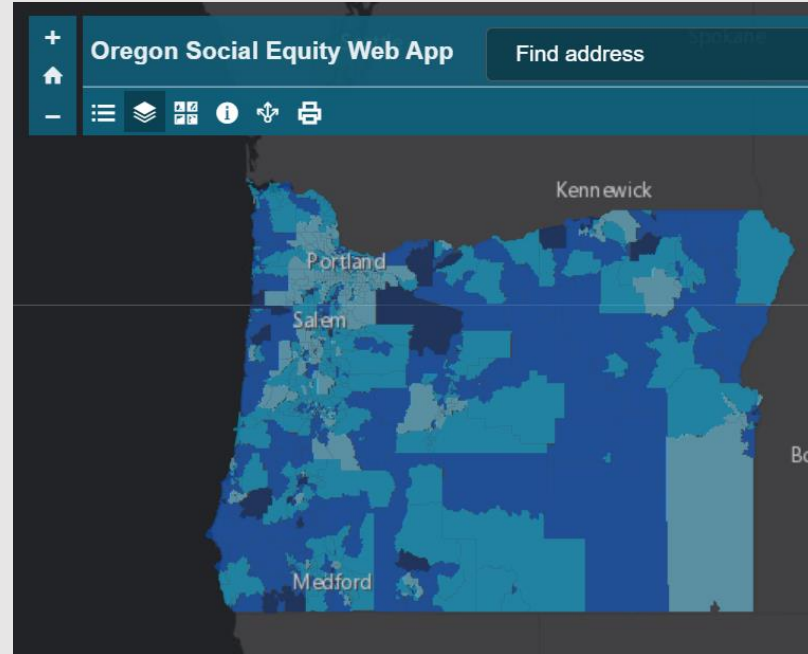
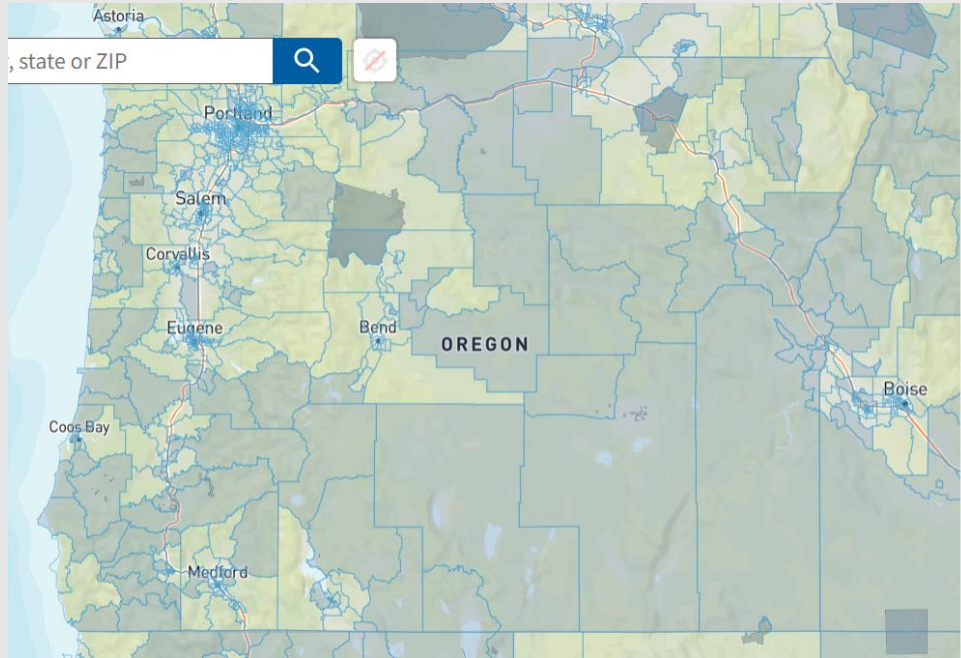


# SMALL URBAN AND RURAL TOTAL FUNDING

Urbanized/Rural Area	Estimated FY 22-26 Available Funding
Albany Area	\$739,082
Bend Area	\$1,086,556
Corvallis Area	\$809,568
Grants Pass Area	\$655,092
Rogue Valley Area	\$1,997,966
Population Areas 49,999-5000	\$8,323,211
Population Areas <5,000	\$10,319,183

\*Dollar values are estimates and are subject to change.

# EQUITY AND JUSTICE40





## APPLICATION PROCESS

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- Call for Projects Opens February 28, 2023
  - Download the Application
  - Complete narrative questions
  - Gather Supporting Documents
  - Coordinate with ODOT as needed
- Call for Projects Closes May 31, 2023
  - 5:00 PM
- Award announcements (Fall 2023)

# SUBMITTING TWO DOCUMENTS



## Climate Reduction Program Small Urban and Rural Application

OVERVIEW			
Review ODOT's Small Urban and Rural guidance for allowable project types and eligibility. In general all projects must:			
<ul style="list-style-type: none"> <li>• Reduce transportation greenhouse gas emissions</li> <li>• Meet Carbon Reduction Program eligibility criteria</li> <li>• Be deliverable with federal funding</li> <li>• Support an existing statewide, regional, or local plan</li> <li>• Provide required match</li> <li>• Strive to meet Justice40 goals that 40% of benefits accrue to disadvantaged communities</li> </ul>			
PROJECT INFORMATION			
Please use STIP naming conventions for the project title: <a href="#">ODOT'S PROJECT NAMING CONVENTION</a>			
Project Title:			
Agency (applicant):			
Address:			
Primary Contact:			
Contact Title:			
Email:			
Telephone:		MPO (if Applicable):	
Congressional District:		ODOT Region:	
County:		ACT:	
PROJECT CATEGORY			
<b>Vehicle and Fuel Technology:</b> Increase the operating efficiency of multiple transportation modes through transitions to more fuel-efficient vehicles, fuels that produce fewer GHG emissions or have lower carbon intensity, and improvements in engine technologies.			
<b>Transportation Options:</b> Encourage a shift to transportation modes that produce fewer emissions and provide for more efficient movement of people and goods.			
<b>System Operations:</b> Improve the operations of the transportation system and efficiency for all modes through technology, infrastructure investments, and operations management.			
<b>Pricing:</b> Identify sustainable funding sources to maintain and operate the transportation system, provide market incentives for developing and implementing efficient ways to reduce emissions, and to help pay for environmental costs.			
Project is:	<input type="checkbox"/> Infrastructure, <input type="checkbox"/> Non-Infrastructure, <input type="checkbox"/> Hybrid		
Project is located on:	<input type="checkbox"/> Interstate, <input type="checkbox"/> State Highway, <input type="checkbox"/> Local Roadway, <input type="checkbox"/> Off Street Path, <input type="checkbox"/> Other, <input type="checkbox"/> N/A		

- (1) Application
- (2) Supporting Documents
  - Map showing project location
  - List of additional locations if more than one
  - Project cost estimate
  - Scope of work and schedule
  - Buy America waiver request
  - Emissions Analysis (Optional)
  - Letters of Support
  - Other
- ODOT Regional Review

**Do not combine**



## PROJECT DELIVERY

- Certified Local Public Agency or ODOT
- Process (Fall 2023)
  - Criteria and Scope Review
  - Award
  - STIP (MTIP)
  - Intergovernmental Agreement
  - Obligation

\*ODOT may allocate funding for years different than what was requested to balance funding across the program.

# NEXT STEPS - Q&A

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## NEXT STEPS

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- Second Informational Webinar
  - Same Content
  - March 15, 2023 (2:00 p.m.-3:00 p.m.)
- Office Hours
  - March 28, 2023 (10:00 a.m.-12:00 p.m.)
  - April 6, 2023 (1:00 p.m.-3:00 p.m.)
- Climate Office will be available to assist with applications
- Applications due May 31, 2023
  - 5:00 PM





# QUESTIONS

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# Contact Us



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[www.oregon.gov/odot/climate/Pages/default.aspx](http://www.oregon.gov/odot/climate/Pages/default.aspx)