

Climate Adaptation at Oregon DOT

OTC Tri-State Meeting

September 1, 2026

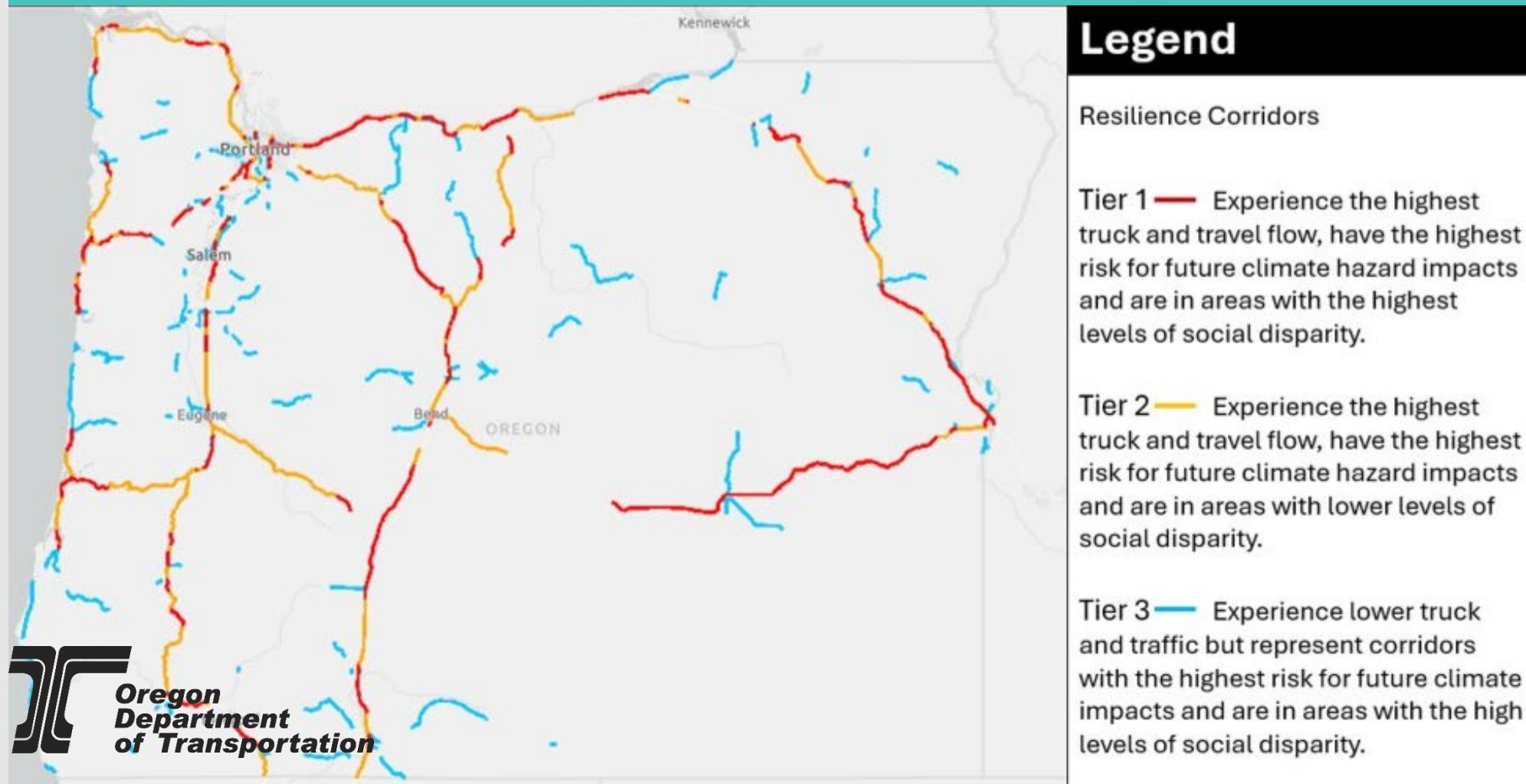
Suzanne Carlson
Climate Office Director



Our Challenges Exceed Our Resources



Resilience Tier Prioritization





Statewide Resilience Improvement Plan

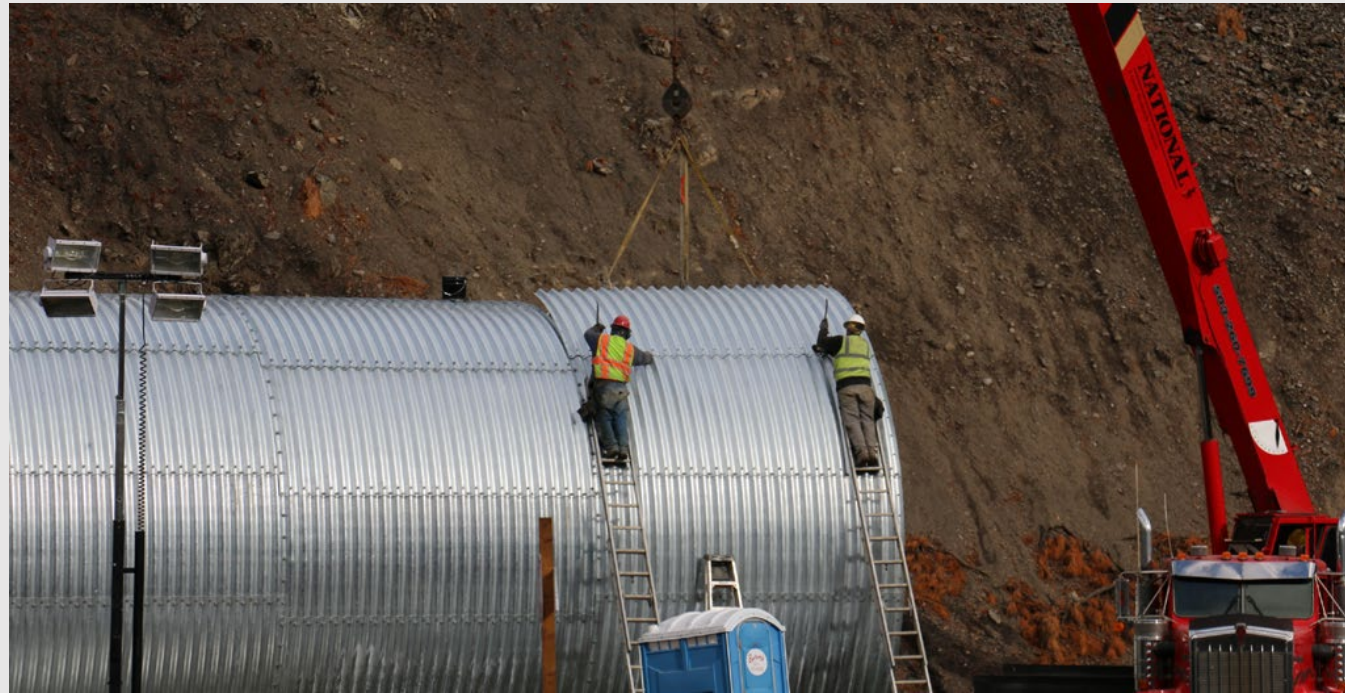


Climate Adaptation & Resilience Roadmap

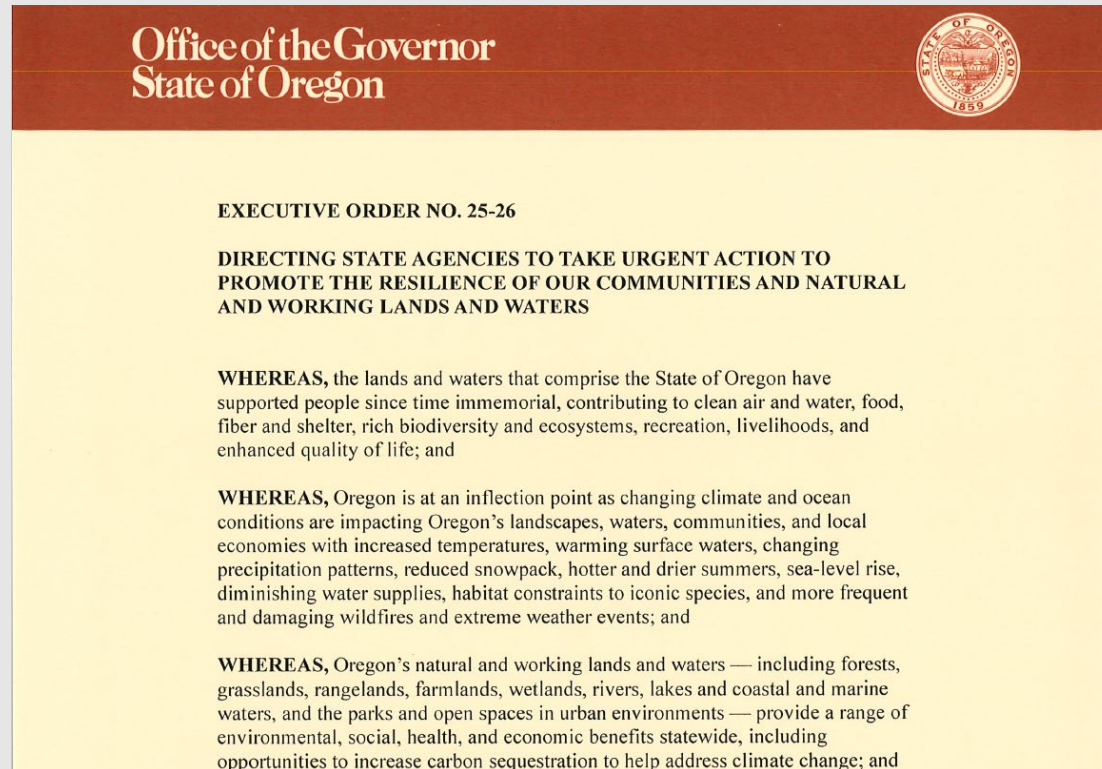
- Agency-focused guide to climate change adaptation
- Identifies *what are the risks and where are we most vulnerable?*
- Provides publicly accessible, detailed risk maps for nine Oregon-relevant hazards
- Provides agency-specific adaptation strategies and actions to improve system and agency resilience

PROTECT Formula and Grant Funds

- Oregon allocated \$94M in formula funding.
 - 22 landslide, rockfall and flood resilience projects selected
 - 6 projects completed to date
- 2% formula set-aside for planning funded 11 resilience-enhancing research and pilot projects (\$1.8M)
- \$6M grant funds awarded for coastal flood resilience project at Butte Creek.

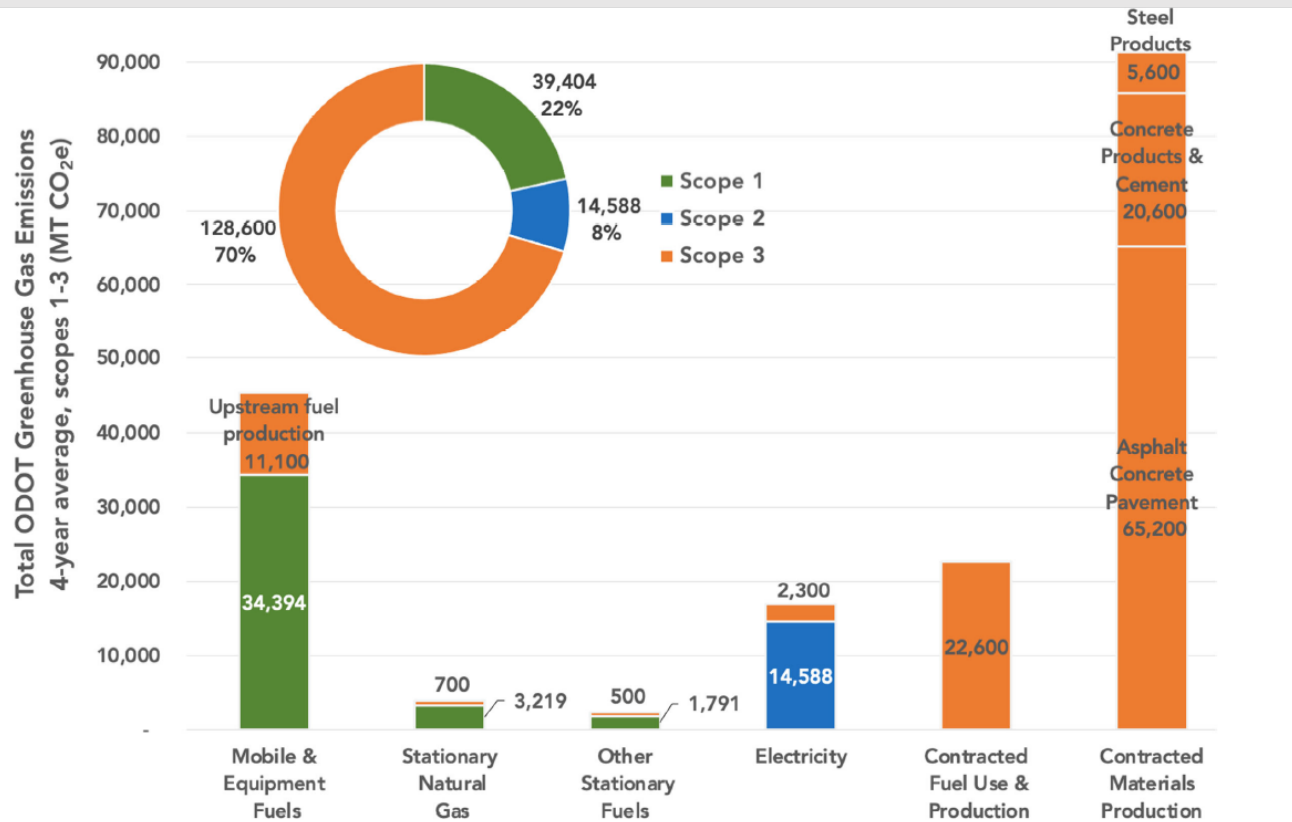


Executive Order 25-26



- Ecosystem resilience & coordination across state agencies
- Goal: protect, conserve, connect or restore 10% of land in 10 years.
- ODOT developed a draft work plan with existing, supportive work.
- OTC and public input this fall to finalize work plan.

Environmental Product Declarations (EPDs)



Scope 1: Direct GHGs from equipment and facilities owned or operated by ODOT.

Scope 2: Indirect GHGs from electricity purchased for equipment and facilities owned or operated by ODOT.

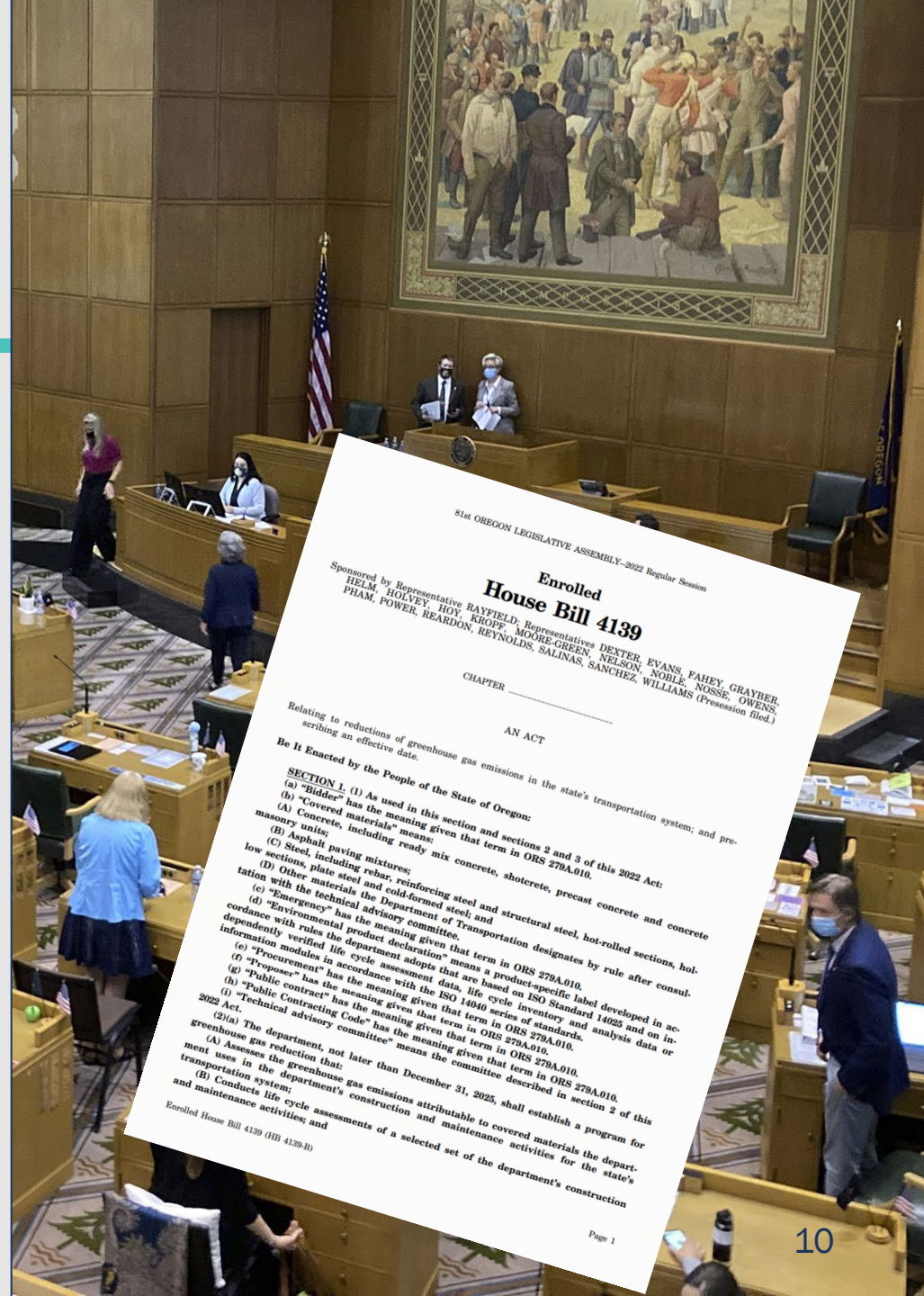
Scope 3: All other indirect emissions sources that result from ODOT's activities but occur from sources owned or controlled by ODOT Tier 1 contractors and other downstream chain vendors (e.g., asphalt and concrete plants and concrete and cement manufacturers).

- EPDs communicate environmental impacts of a product or material (e.g., cubic yard of concrete).
- Emissions from raw material extraction to production facility gate (e.g., type of fuel, transportation distances and mode, material constituents like reclaimed asphalt).
- Steel, concrete and asphalt materials make up 70% of ODOT's internally-generated greenhouse gas emissions.

Legislative Requirements

House Bill 4139 (2022)

- Requires ODOT to set up a “program for GHG reductions.”
 - The agency to collect EPDs on asphalt, concrete and steel.
 - Perform life cycle assessments.
- ➔ ODOT to devise strategies for reducing GHG emissions.



Oregon's EPD Program



Eligible Projects

- EPD submittal required on Construction or Maintenance contracts with estimated value of \$3M or greater
- Not required on emergency contracts or for small quantities of materials
- Submittal of EPDs on covered materials are required as of January 1, 2026
- As of May 2026, 10 projects required EPD submittals (22 EPDs collected to date)

Thank You
